

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075772.D
 Acq On : 14 Dec 2022 16:03
 Operator : JC\MD
 Sample : VN1214WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2022
 Supervised By : Mahesh Dadoda 12/15/2022

Quant Time: Dec 15 00:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	324193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	517994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	467263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	183012	51.890	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.780%			
35) Dibromofluoromethane	8.171	113	166156	51.796	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	10.571	98	621883	51.850	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.700%			
62) 4-Bromofluorobenzene	12.853	95	209028	52.619	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	41062	17.838	ug/l	93
3) Chloromethane	2.371	50	47004	16.422	ug/l	99
4) Vinyl Chloride	2.524	62	59269	17.359	ug/l	97
5) Bromomethane	2.948	94	52591	18.124	ug/l	98
6) Chloroethane	3.118	64	46071	18.221	ug/l	95
7) Trichlorofluoromethane	3.501	101	89338	17.244	ug/l	96
8) Diethyl Ether	3.965	74	34908	18.447	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	52890	17.878	ug/l	99
10) Methyl Iodide	4.595	142	83389	17.368	ug/l	99
11) Tert butyl alcohol	5.536	59	49692	99.572	ug/l	100
12) 1,1-Dichloroethene	4.353	96	51034	17.762	ug/l	95
13) Acrolein	4.195	56	57903	94.640	ug/l	100
14) Allyl chloride	5.030	41	59941	17.846	ug/l	92
15) Acrylonitrile	5.730	53	127023	93.270	ug/l	99
16) Acetone	4.436	43	122503	100.759	ug/l	90
17) Carbon Disulfide	4.724	76	120239	17.284	ug/l	99
18) Methyl Acetate	5.036	43	66284	18.444	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	182913	19.331	ug/l	92
20) Methylene Chloride	5.289	84	60721	18.263	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	54509	17.323	ug/l	96
22) Diisopropyl ether	6.683	45	153212	18.777	ug/l	98
23) Vinyl Acetate	6.612	43	514360	93.657	ug/l	99
24) 1,1-Dichloroethane	6.577	63	98203	18.046	ug/l	97
25) 2-Butanone	7.494	43	166066	97.552	ug/l	99
26) 2,2-Dichloropropane	7.494	77	85169	18.481	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	68497	18.201	ug/l	98
28) Bromochloromethane	7.824	49	43005	18.031	ug/l	99
29) Tetrahydrofuran	7.841	42	100966	94.643	ug/l	99
30) Chloroform	7.971	83	110281	18.000	ug/l	100
31) Cyclohexane	8.259	56	90820	17.980	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	97896	18.023	ug/l	98
36) 1,1-Dichloropropene	8.377	75	76352	17.917	ug/l	98
37) Ethyl Acetate	7.565	43	65056	19.006	ug/l	99
38) Carbon Tetrachloride	8.371	117	86831	18.206	ug/l	98
39) Methylcyclohexane	9.606	83	95966	18.667	ug/l	95
40) Benzene	8.612	78	241396	18.360	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	34331	19.296	ug/l	96
42) 1,2-Dichloroethane	8.677	62	84045	19.228	ug/l	99
43) Isopropyl Acetate	8.694	43	107938	19.117	ug/l	99
44) Trichloroethene	9.353	130	67310	18.173	ug/l	86
45) 1,2-Dichloropropane	9.624	63	59387	18.562	ug/l	94
46) Dibromomethane	9.712	93	43056	18.144	ug/l	97
47) Bromodichloromethane	9.888	83	85083	18.283	ug/l	97
48) Methyl methacrylate	9.682	41	50970	20.043	ug/l	98
49) 1,4-Dioxane	9.700	88	27155	434.346	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	337642	98.880	ug/l	100
52) Toluene	10.629	92	159987	18.684	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	88160	19.353	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	95894	19.173	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	64065	19.062	ug/l	98
56) Ethyl methacrylate	10.876	69	89123	19.964	ug/l	98
57) 1,3-Dichloropropane	11.165	76	105704	19.174	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	114630	80.650	ug/l	100
59) 2-Hexanone	11.200	43	252579	101.429	ug/l	99
60) Dibromochloromethane	11.359	129	69850	18.688	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64153	18.862	ug/l	99
64) Tetrachloroethene	11.106	164	60842	18.504	ug/l	97
65) Chlorobenzene	11.894	112	174710	18.217	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	68215	19.203	ug/l	98
67) Ethyl Benzene	11.965	91	305353	18.865	ug/l	98
68) m/p-Xylenes	12.071	106	244463	38.159	ug/l	100
69) o-Xylene	12.400	106	121255	19.126	ug/l	98
70) Styrene	12.412	104	196411	19.484	ug/l	99
71) Bromoform	12.582	173	50083	19.376	ug/l #	99
73) Isopropylbenzene	12.700	105	309865	19.066	ug/l	99
74) N-amyl acetate	12.494	43	92646	19.432	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	91882	18.288	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	78724m	17.365	ug/l	
77) Bromobenzene	12.982	156	76852	18.685	ug/l	98
78) n-propylbenzene	13.041	91	346761	19.345	ug/l	100
79) 2-Chlorotoluene	13.129	91	209361	18.711	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	269826	19.837	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	24878	19.753	ug/l	94
82) 4-Chlorotoluene	13.129	91	209361	18.711	ug/l	100
83) tert-Butylbenzene	13.441	119	234841	19.582	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	268283	19.882	ug/l	99
85) sec-Butylbenzene	13.617	105	327671	19.796	ug/l	99
86) p-Isopropyltoluene	13.735	119	277451	20.144	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144865	19.067	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	141737	18.262	ug/l	99
89) n-Butylbenzene	14.059	91	215045	19.272	ug/l	99
90) Hexachloroethane	14.335	117	47541	19.296	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	144296	19.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	15129	16.970	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	69482	18.754	ug/l	100
94) Hexachlorobutadiene	15.506	225	37812	18.706	ug/l	99
95) Naphthalene	15.647	128	197230	17.590	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	64547	18.640	ug/l	97

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ClientSampleId :
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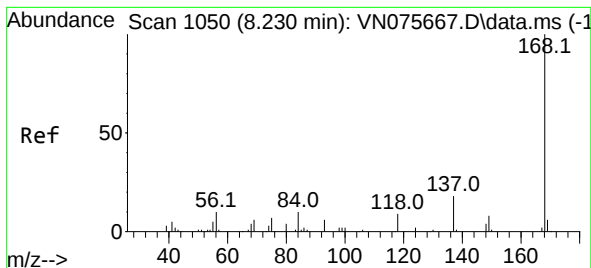
Manual Integrations
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Quant Time: Dec 15 00:27:35 2022
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 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion:168 Resp: 32419

Ion Ratio Lower Upper

168 100

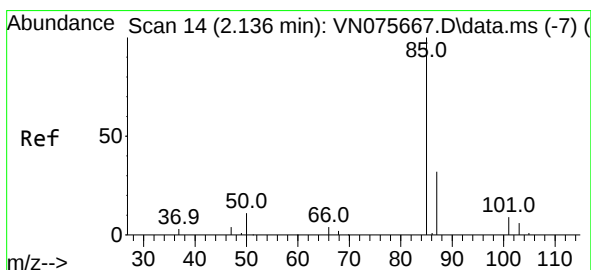
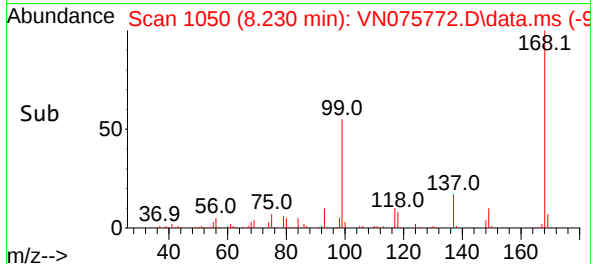
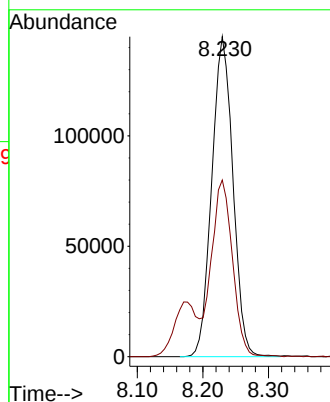
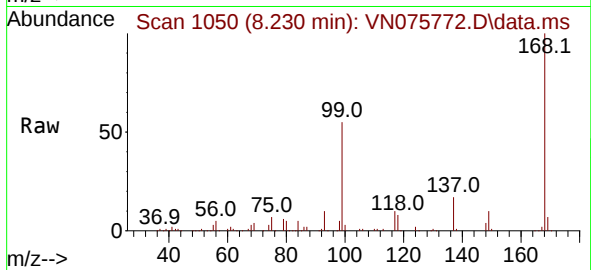
99 55.1 44.2 66.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.838 ug/l

RT: 2.136 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN075772.D

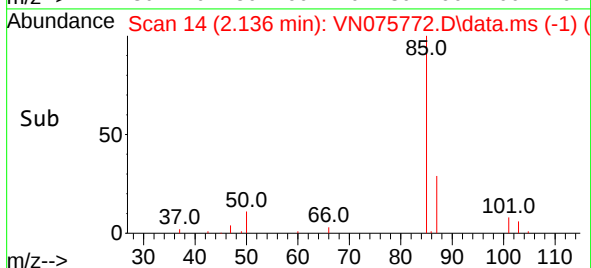
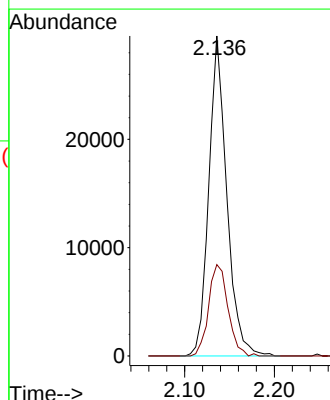
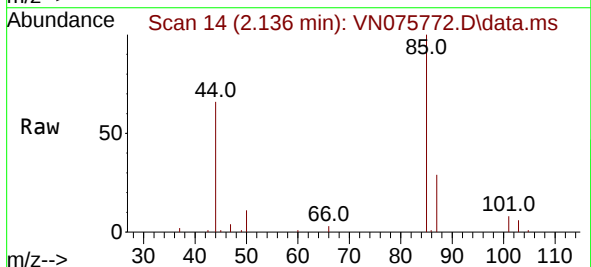
Acq: 14 Dec 2022 16:03

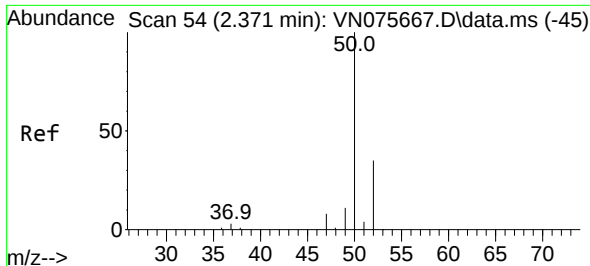
Tgt Ion: 85 Resp: 41062

Ion Ratio Lower Upper

85 100

87 28.6 16.3 48.9





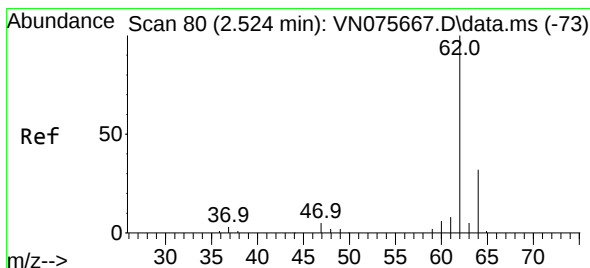
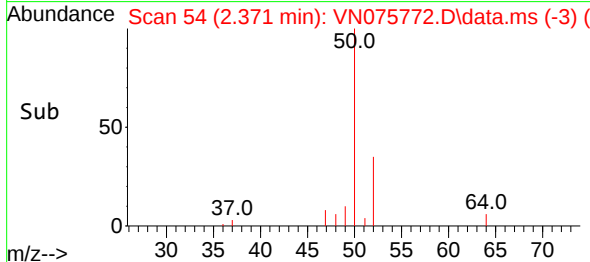
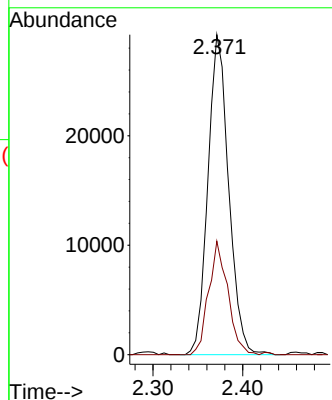
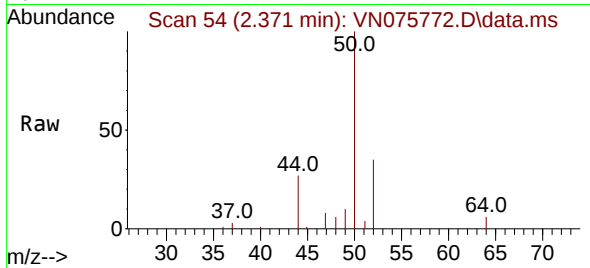
#3
Chloromethane
Concen: 16.422 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 47004
Ion Ratio Lower Upper
50 100
52 35.5 27.7 41.5

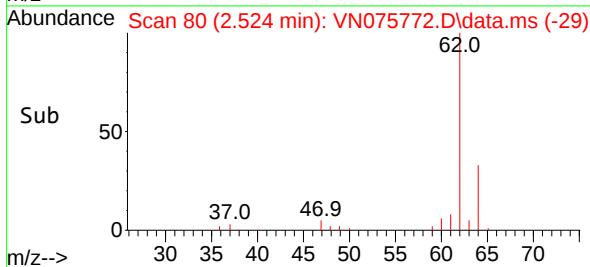
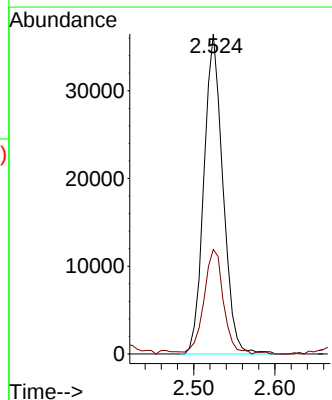
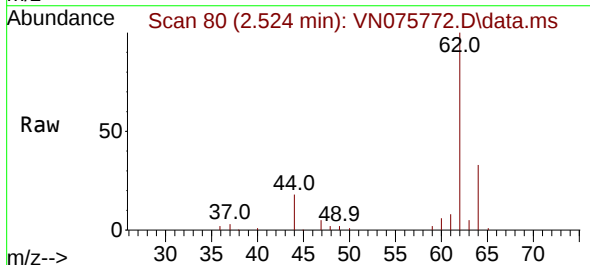
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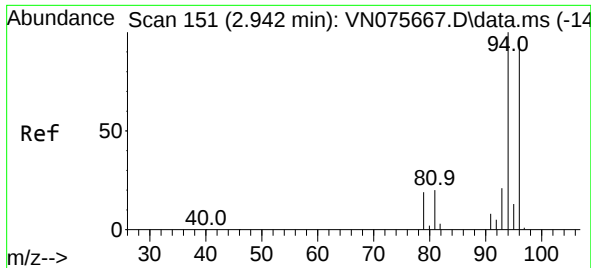
Reviewed By :John Carlone 12/15/2022
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#4
Vinyl Chloride
Concen: 17.359 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 62 Resp: 59269
Ion Ratio Lower Upper
62 100
64 32.7 24.9 37.3





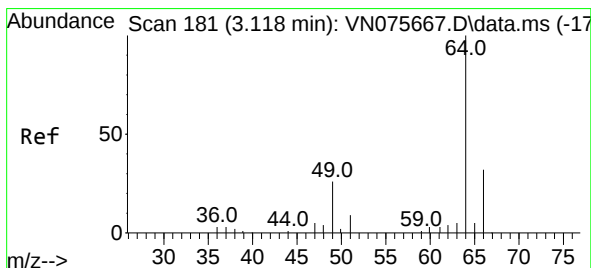
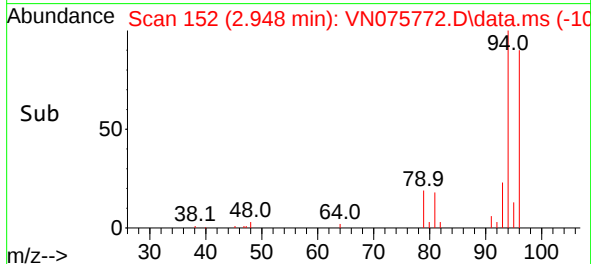
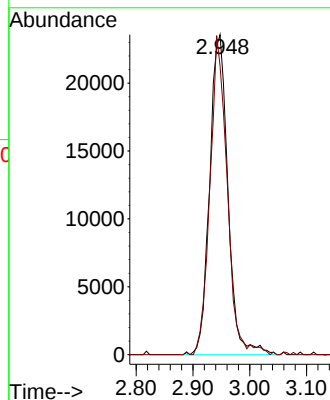
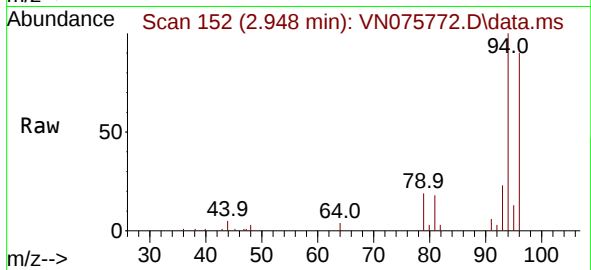
#5
Bromomethane
Concen: 18.124 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075772.D
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Tgt Ion: 94 Resp: 5259
Ion Ratio Lower Upper
94 100
96 90.3 73.8 110.6

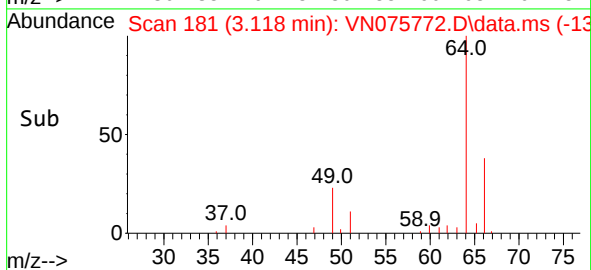
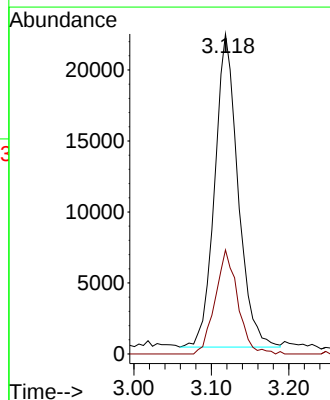
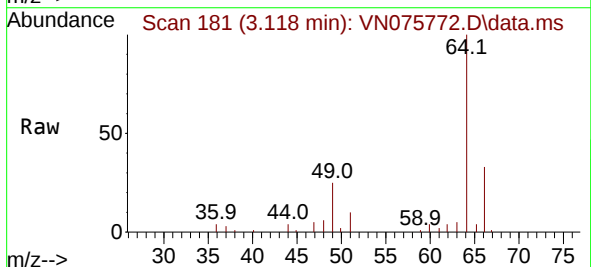
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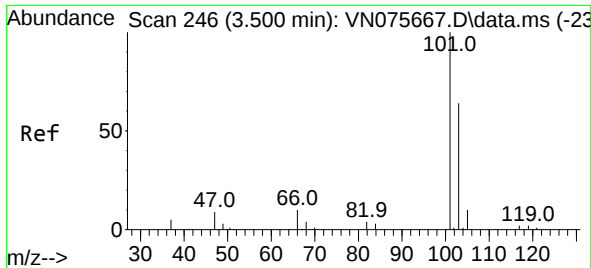
Reviewed By :John Carlone 12/15/2022
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#6
Chloroethane
Concen: 18.221 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075772.D
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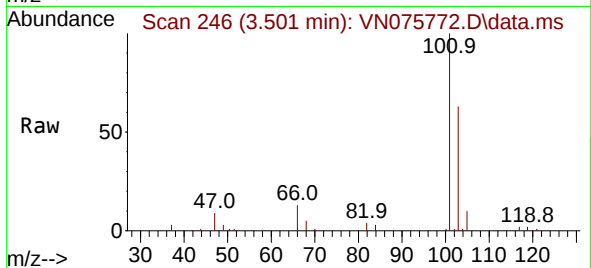
Tgt Ion: 64 Resp: 46071
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8





#7
Trichlorofluoromethane
Concen: 17.244 ug/l
RT: 3.501 min Scan# 246
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

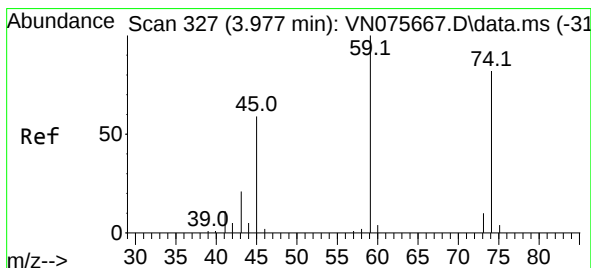
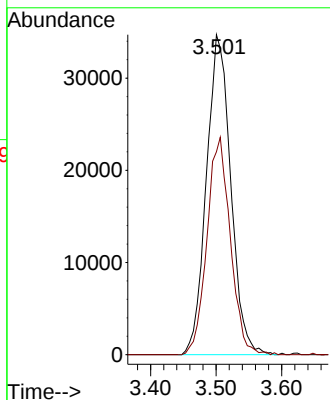
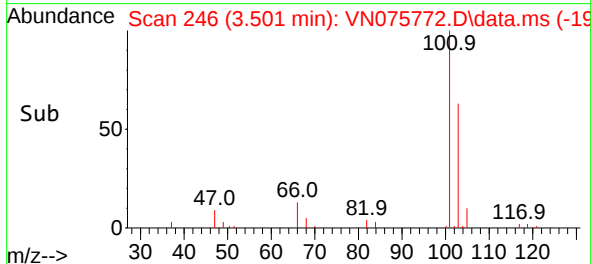
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



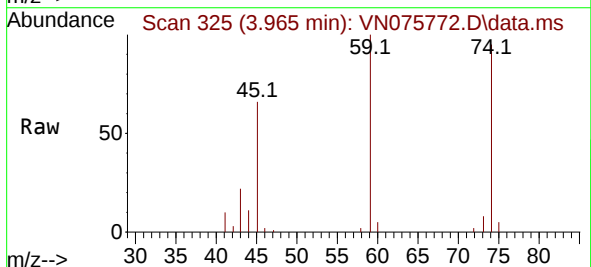
Tgt Ion:101 Resp: 89338
Ion Ratio Lower Upper
101 100
103 63.4 53.4 80.2

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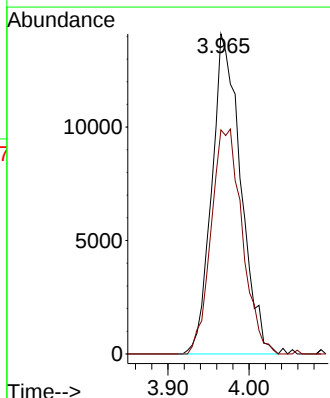
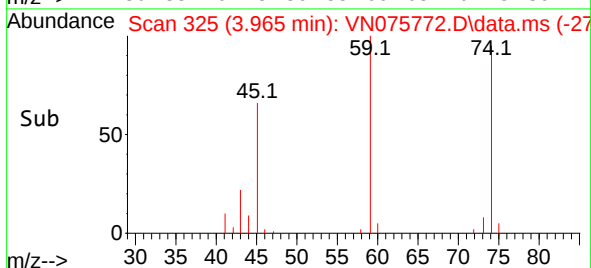
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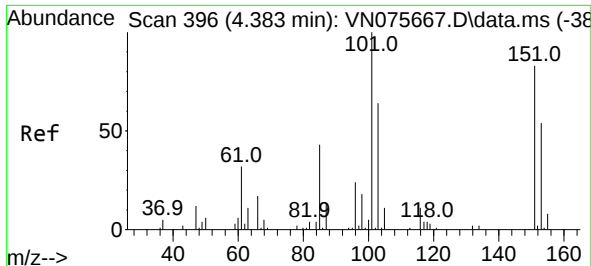


#8
Diethyl Ether
Concen: 18.447 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.006 min
Lab File: VN075772.D
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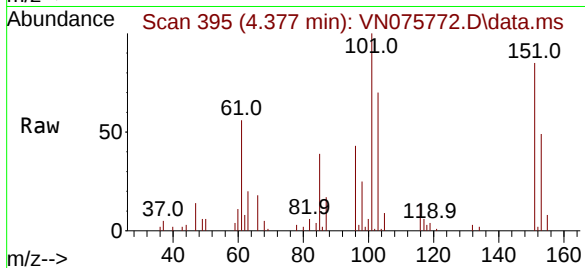
Tgt Ion: 74 Resp: 34908
Ion Ratio Lower Upper
74 100
45 75.6 37.8 113.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.878 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075772.D
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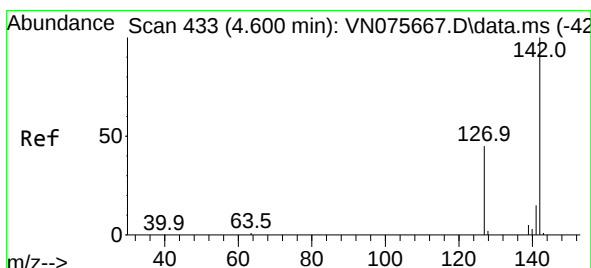
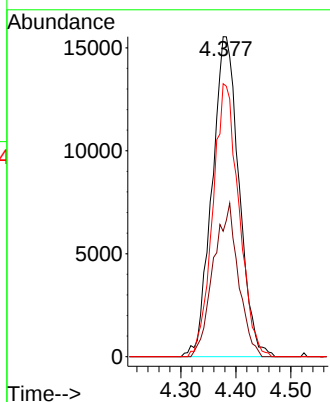
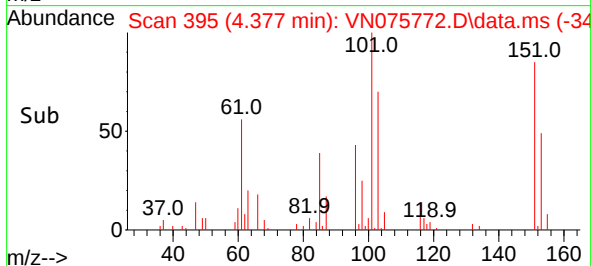
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



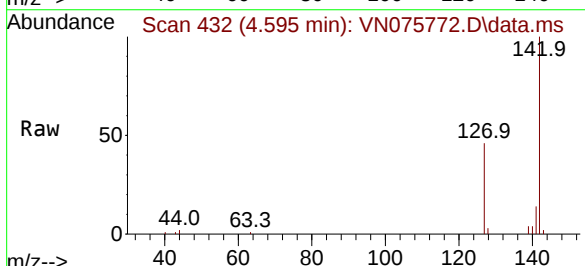
Tgt Ion:101 Resp: 52890
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 82.7 65.6 98.4

Manual Integrations
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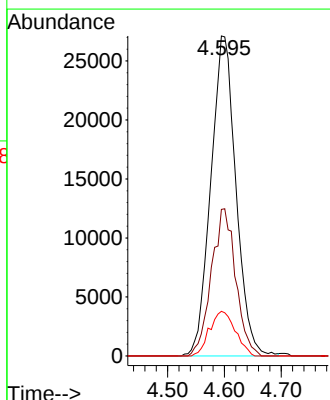
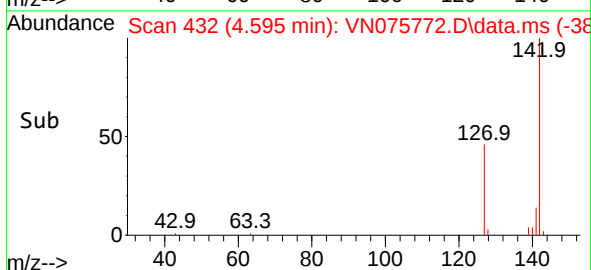
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

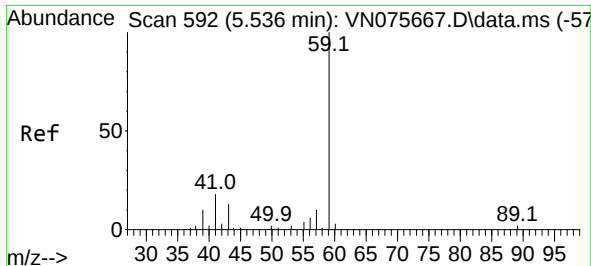


#10
Methyl Iodide
Concen: 17.368 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion:142 Resp: 83389
Ion Ratio Lower Upper
142 100
127 44.4 34.7 52.1
141 14.3 11.4 17.2





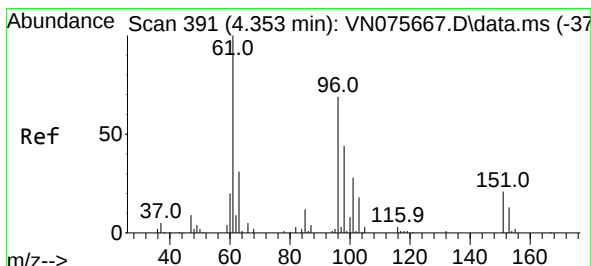
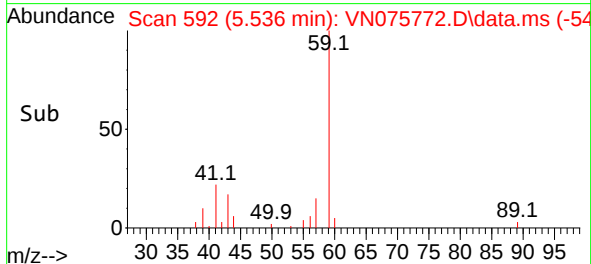
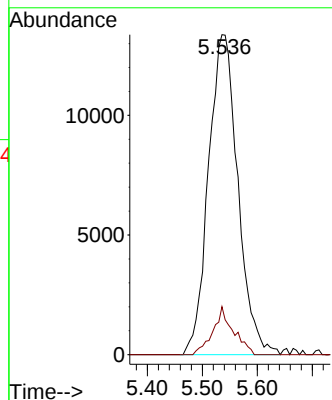
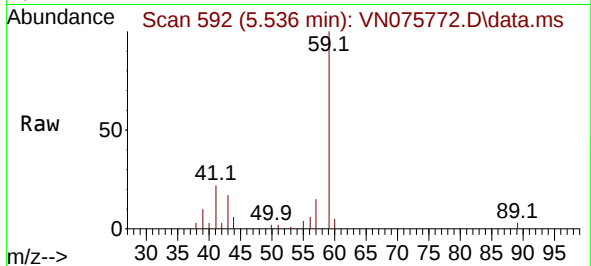
#11
Tert butyl alcohol
Concen: 99.572 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 59 Resp: 49692
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

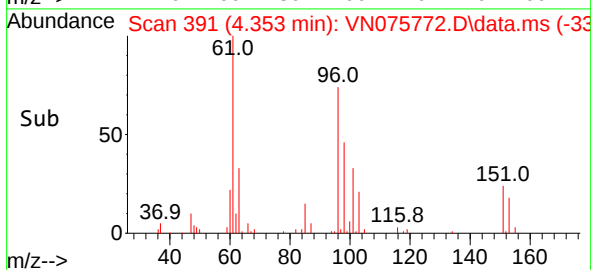
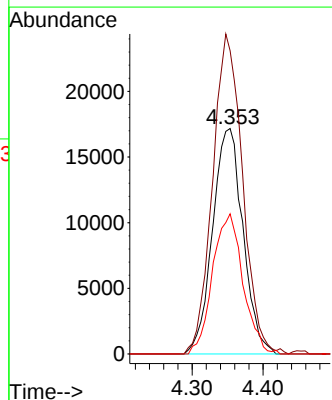
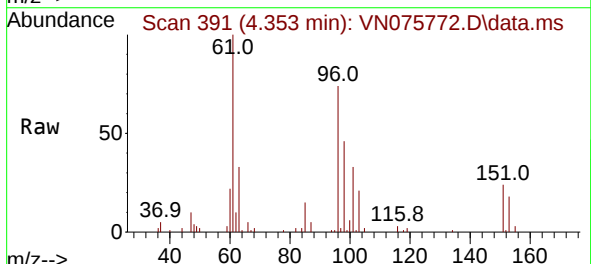
Manual Integrations
APPROVED

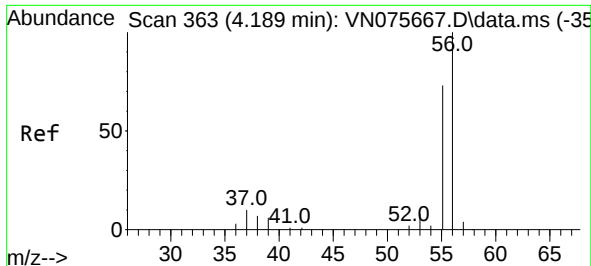
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#12
1,1-Dichloroethene
Concen: 17.762 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 96 Resp: 51034
Ion Ratio Lower Upper
96 100
61 134.5 113.3 169.9
98 62.2 50.9 76.3





#13

Acrolein

Concen: 94.640 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 56 Resp: 5790

Ion Ratio Lower Upper

56 100

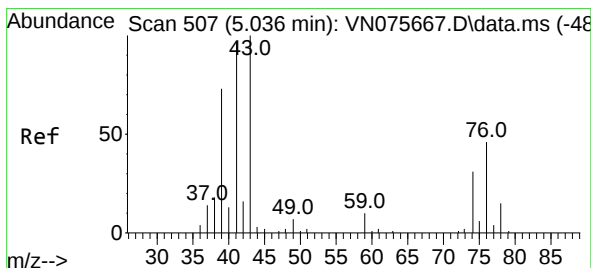
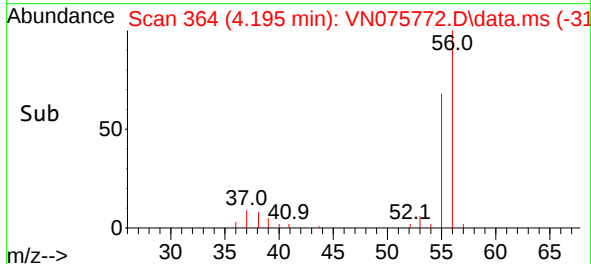
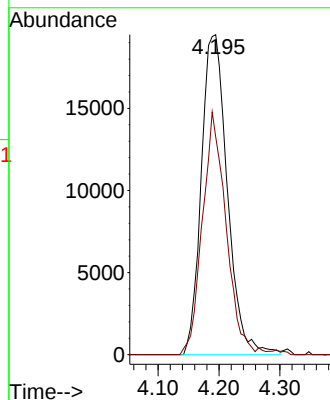
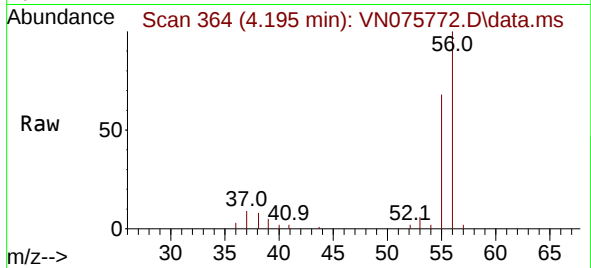
55 68.4 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#14

Allyl chloride

Concen: 17.846 ug/l

RT: 5.030 min Scan# 506

Delta R.T. -0.006 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

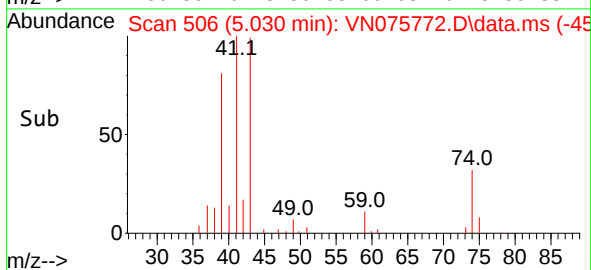
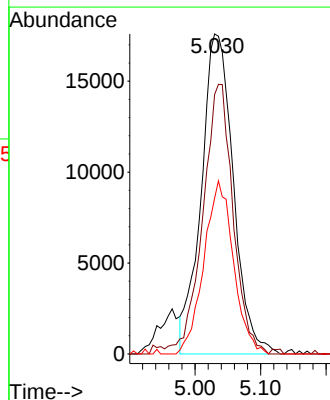
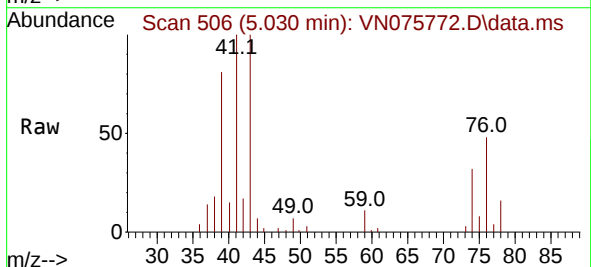
Tgt Ion: 41 Resp: 59941

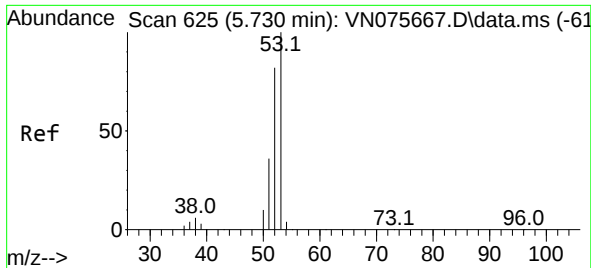
Ion Ratio Lower Upper

41 100

39 79.4 58.3 87.5

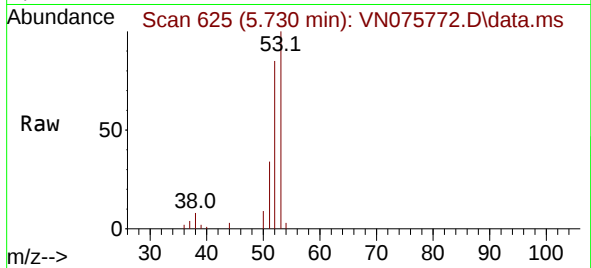
76 49.7 35.8 53.6





#15
Acrylonitrile
Concen: 93.270 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

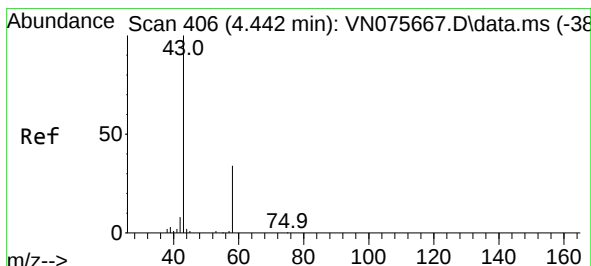
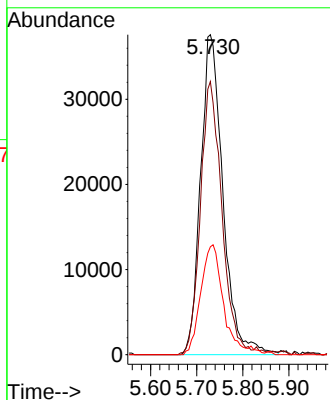
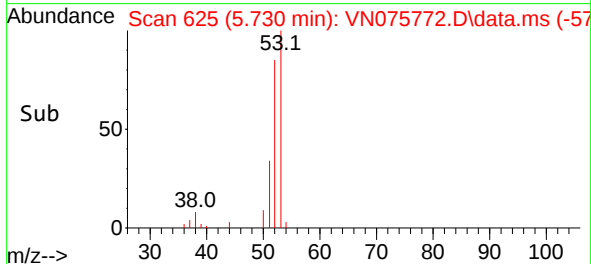
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



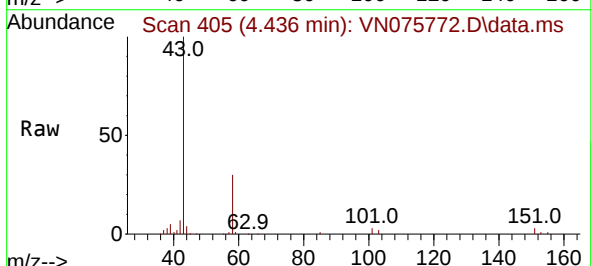
Tgt Ion: 53 Resp: 12702
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.0
51 35.1 28.9 43.3

Manual Integrations
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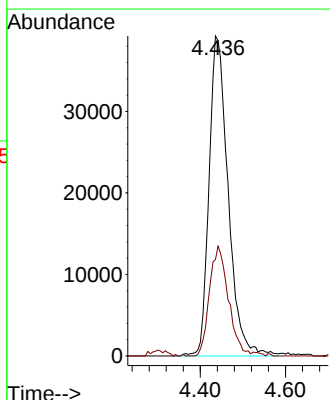
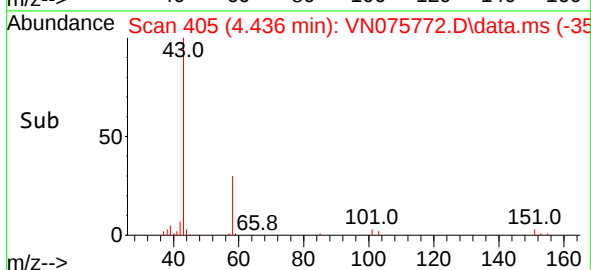
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

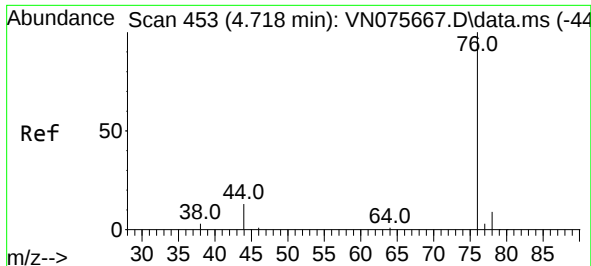


#16
Acetone
Concen: 100.759 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



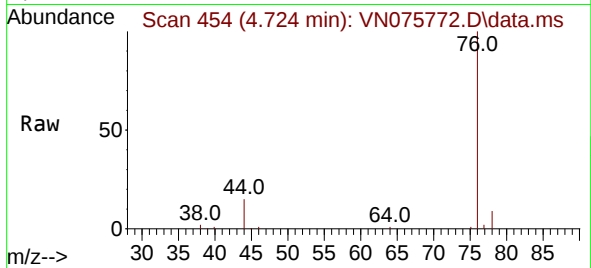
Tgt Ion: 43 Resp: 122503
Ion Ratio Lower Upper
43 100
58 30.1 28.6 43.0





#17
Carbon Disulfide
Concen: 17.284 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

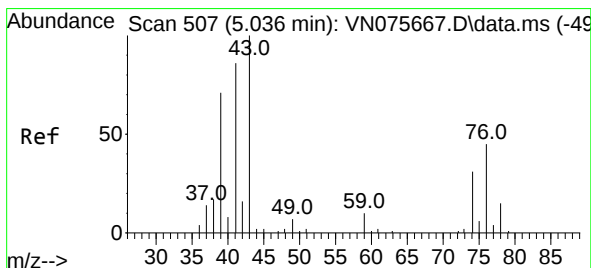
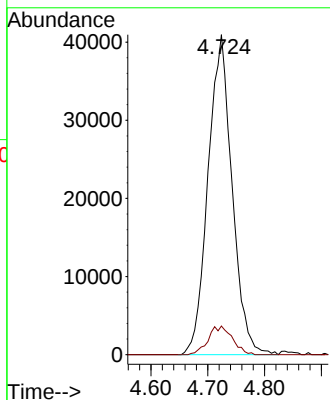
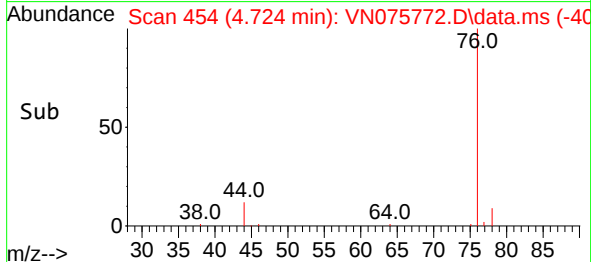
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 76 Resp: 120239
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2

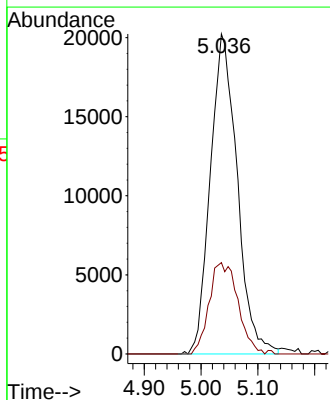
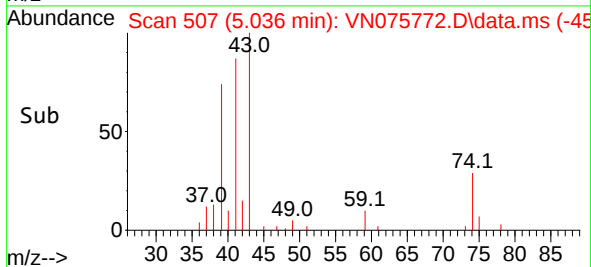
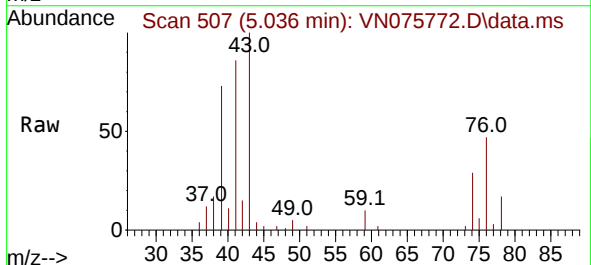
Manual Integrations
APPROVED

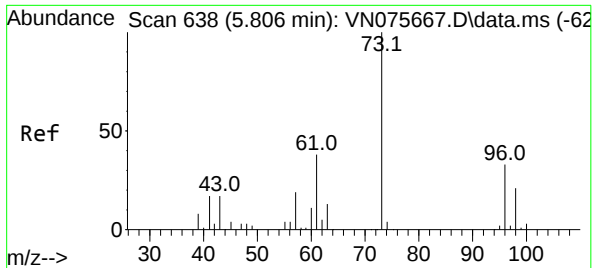
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#18
Methyl Acetate
Concen: 18.444 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 43 Resp: 66284
Ion Ratio Lower Upper
43 100
74 30.6 23.6 35.4





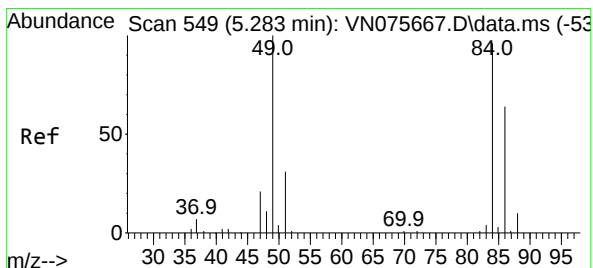
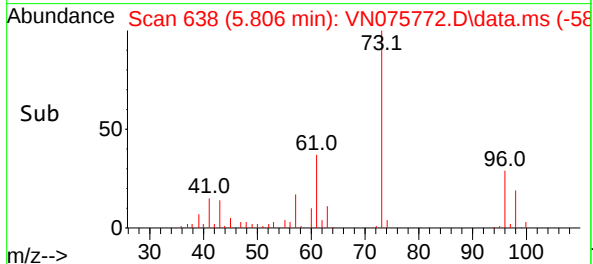
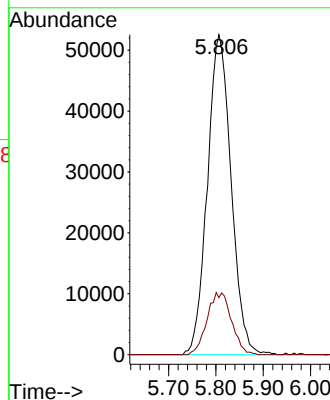
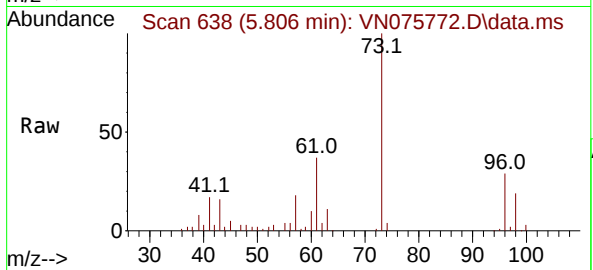
#19
Methyl tert-butyl Ether
Concen: 19.331 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 73 Resp: 18291
Ion Ratio Lower Upper
73 100
57 17.8 17.1 25.7

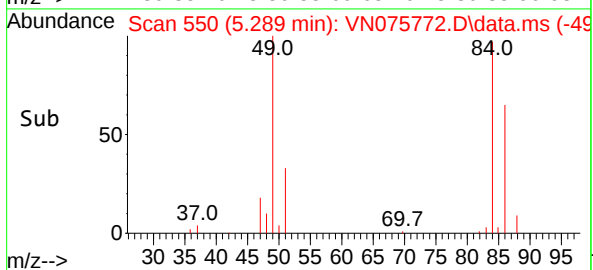
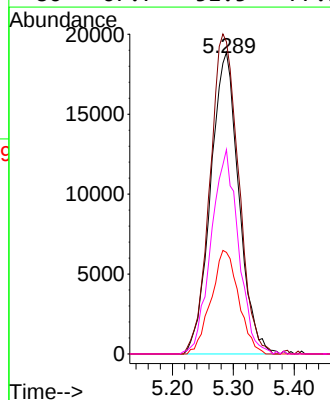
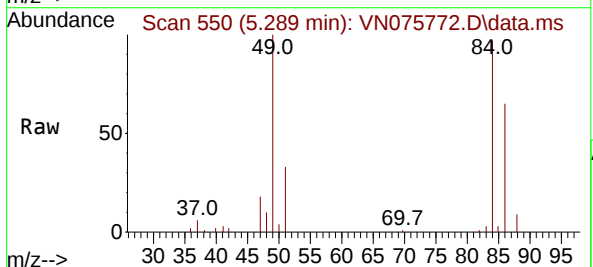
Manual Integrations
APPROVED

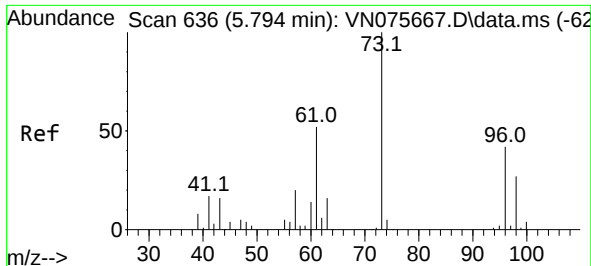
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#20
Methylene Chloride
Concen: 18.263 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 84 Resp: 60721
Ion Ratio Lower Upper
84 100
49 103.5 81.8 122.6
51 33.7 26.7 40.1
86 67.7 51.5 77.3





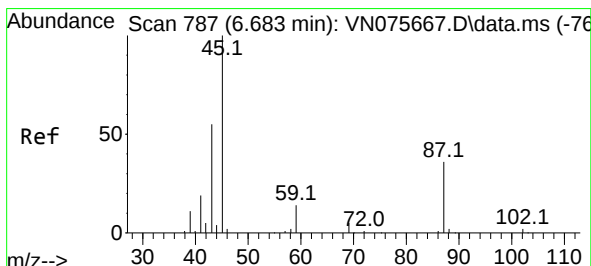
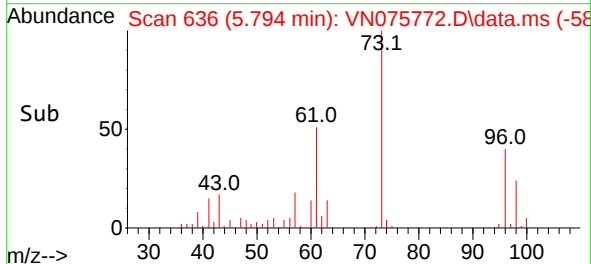
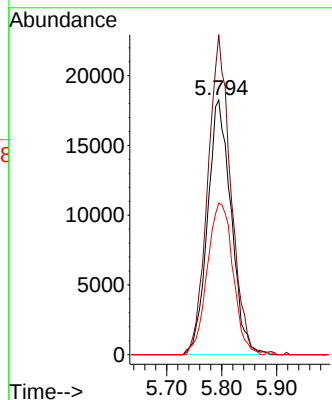
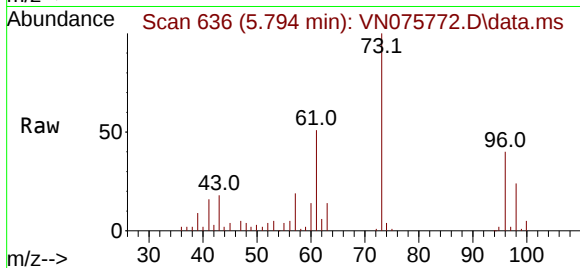
#21
trans-1,2-Dichloroethene
Concen: 17.323 ug/l
RT: 5.794 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 96 Resp: 54509
Ion Ratio Lower Upper
96 100
61 125.6 98.1 147.1
98 59.5 51.4 77.2

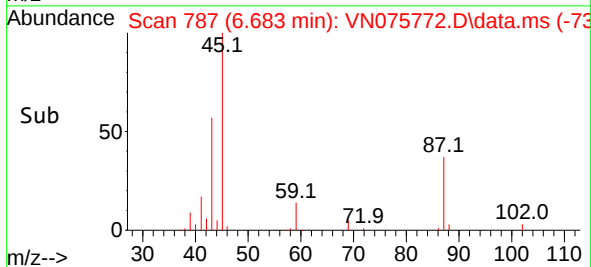
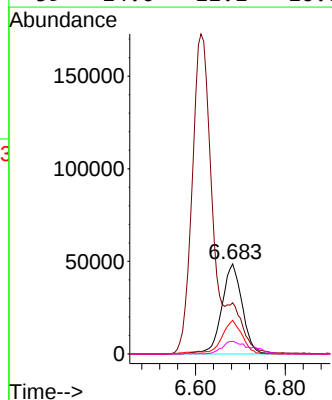
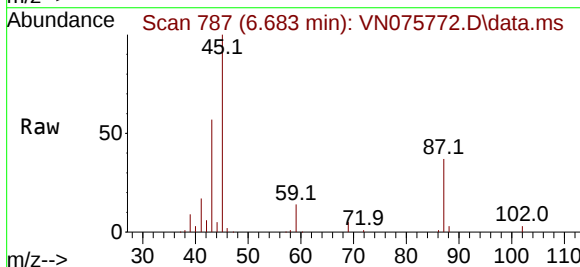
Manual Integrations
APPROVED

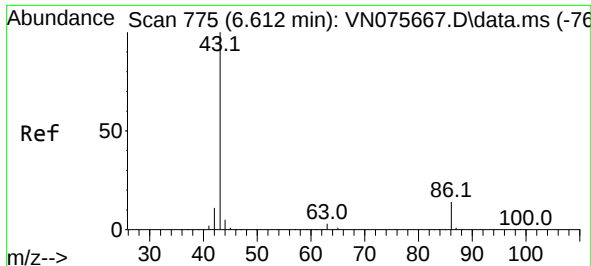
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#22
Diisopropyl ether
Concen: 18.777 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

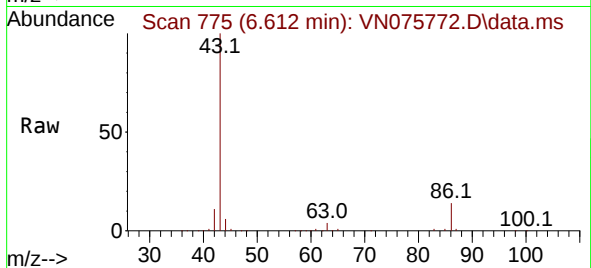
Tgt Ion: 45 Resp: 153212
Ion Ratio Lower Upper
45 100
43 55.9 44.2 66.4
87 37.3 28.3 42.5
59 14.0 11.1 16.7





#23
 Vinyl Acetate
 Concen: 93.657 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075772.D
 Acq: 14 Dec 2022 16:03

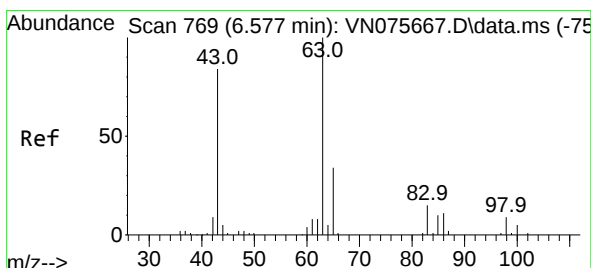
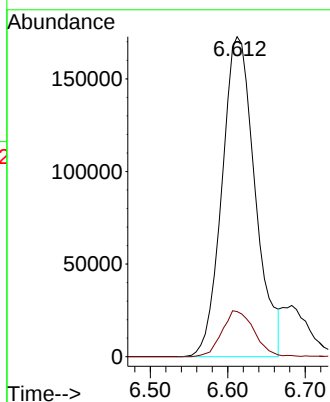
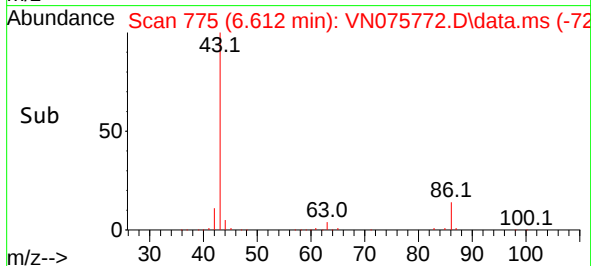
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01



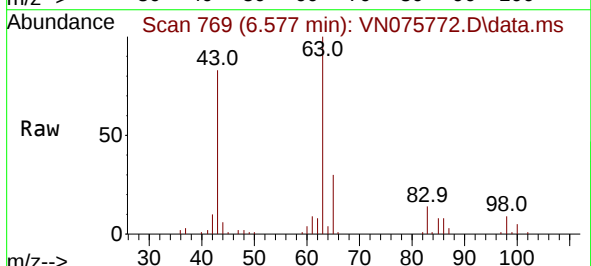
Tgt Ion: 43 Resp: 514360
 Ion Ratio Lower Upper
 43 100
 86 14.1 11.4 17.2

Manual Integrations
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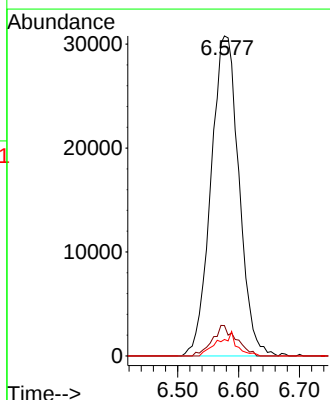
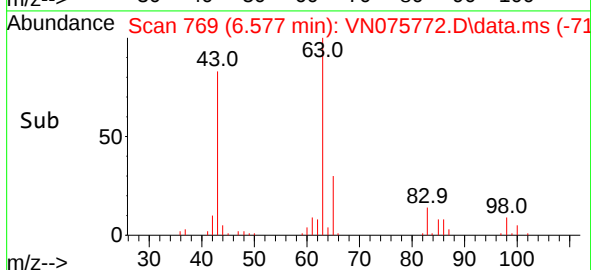
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

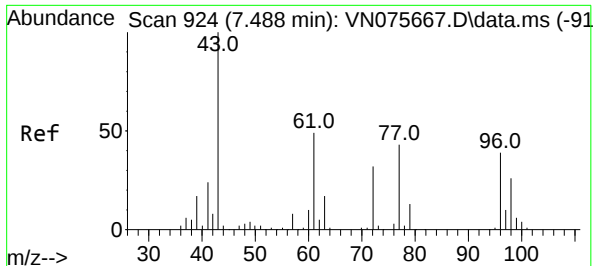


#24
 1,1-Dichloroethane
 Concen: 18.046 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075772.D
 Acq: 14 Dec 2022 16:03



Tgt Ion: 63 Resp: 98203
 Ion Ratio Lower Upper
 63 100
 98 9.5 3.9 11.5
 100 5.2 2.5 7.6





#25

2-Butanone

Concen: 97.552 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 43 Resp: 16606

Ion Ratio Lower Upper

43 100

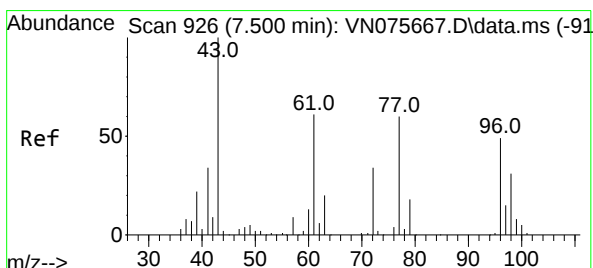
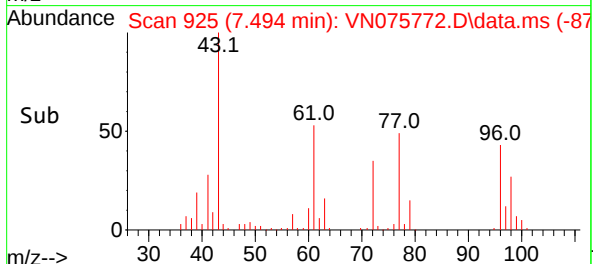
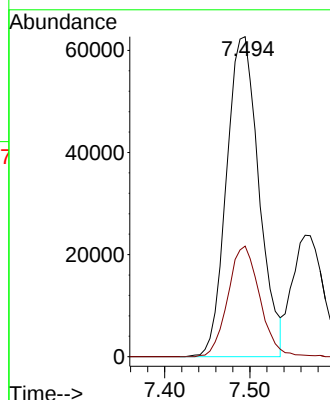
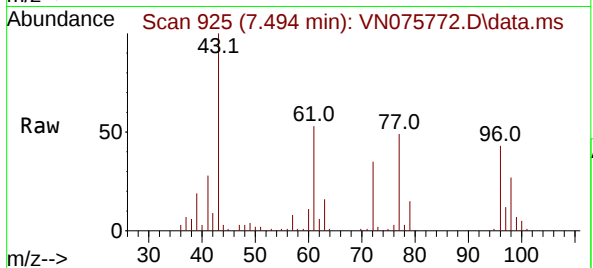
72 34.5 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#26

2,2-Dichloropropane

Concen: 18.481 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075772.D

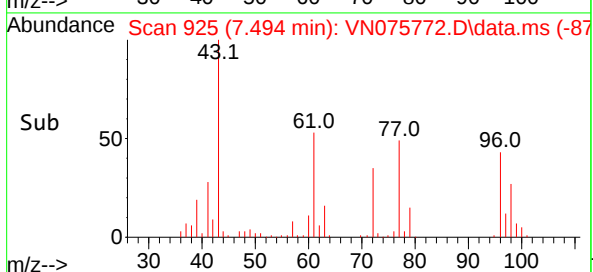
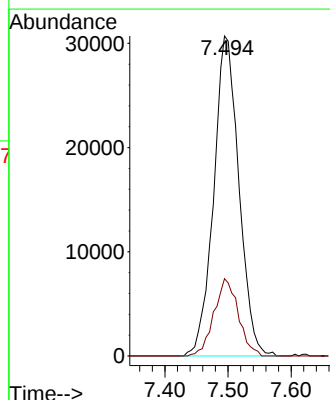
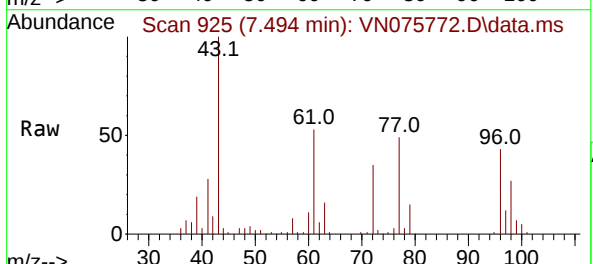
Acq: 14 Dec 2022 16:03

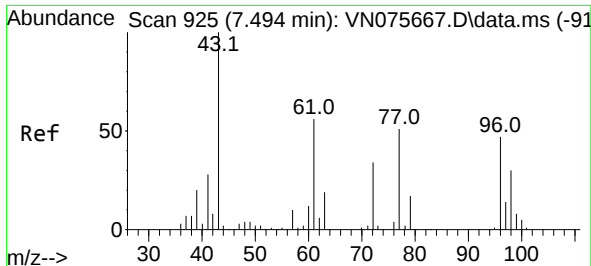
Tgt Ion: 77 Resp: 85169

Ion Ratio Lower Upper

77 100

97 23.3 12.7 38.0





#27

cis-1,2-Dichloroethene

Concen: 18.201 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 96 Resp: 6849

Ion Ratio Lower Upper

96 100

61 127.3 0.0 247.8

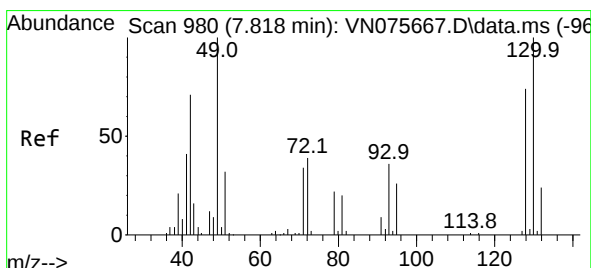
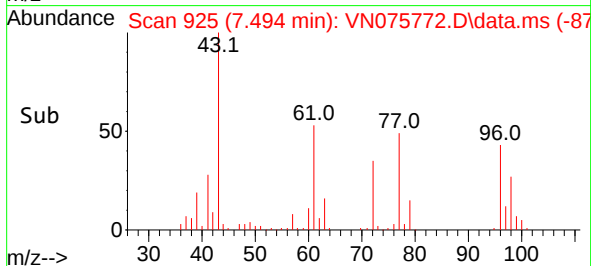
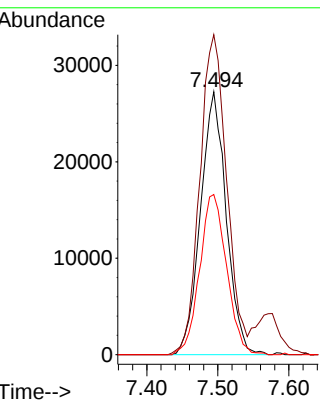
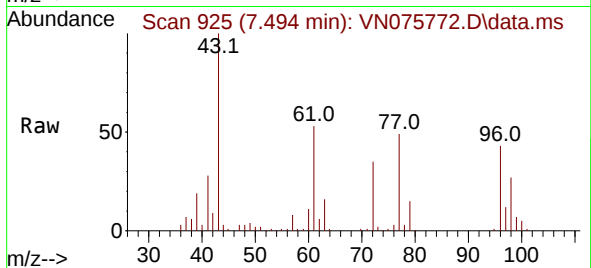
98 64.0 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#28

Bromochloromethane

Concen: 18.031 ug/l

RT: 7.824 min Scan# 981

Delta R.T. -0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

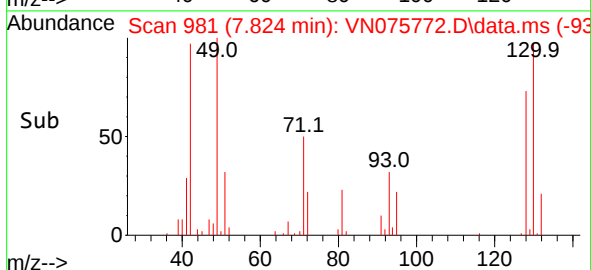
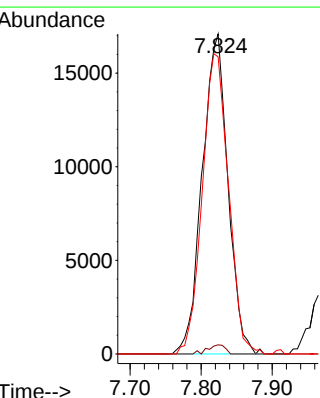
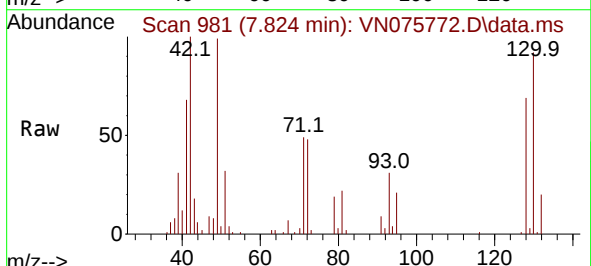
Tgt Ion: 49 Resp: 43005

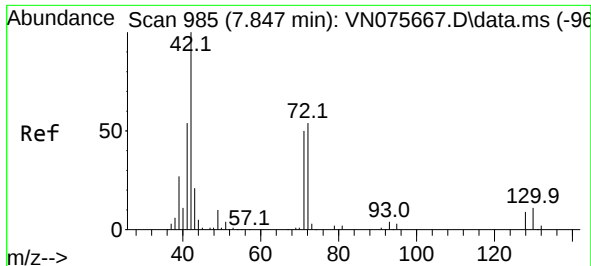
Ion Ratio Lower Upper

49 100

129 1.9 0.0 5.0

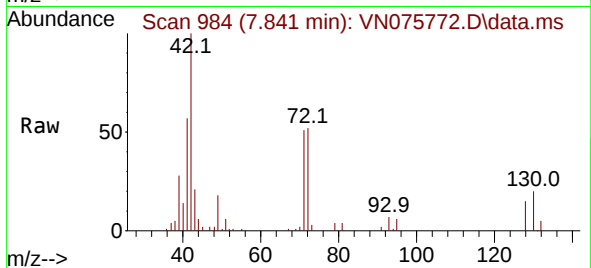
130 95.3 77.0 115.4





#29
Tetrahydrofuran
Concen: 94.643 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

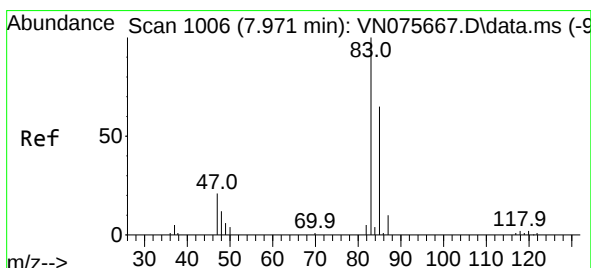
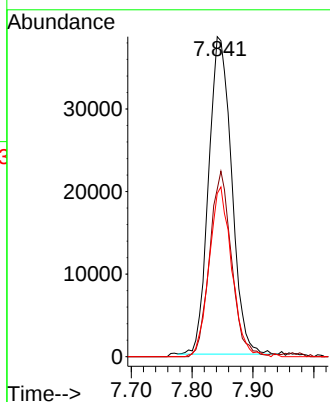
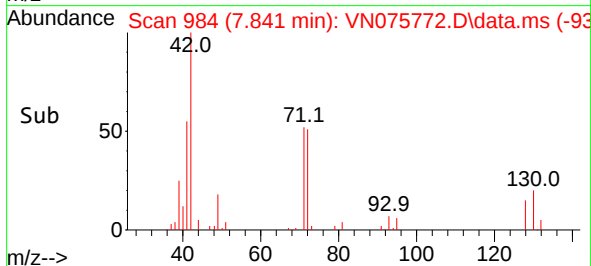
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



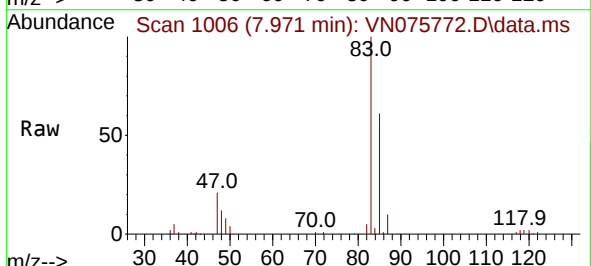
Tgt Ion: 42 Resp: 100960
Ion Ratio Lower Upper
42 100
72 55.4 44.5 66.7
71 52.5 41.0 61.6

Manual Integrations
APPROVED

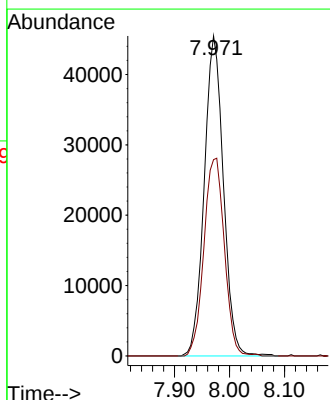
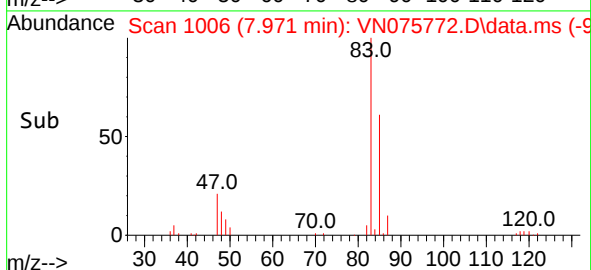
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

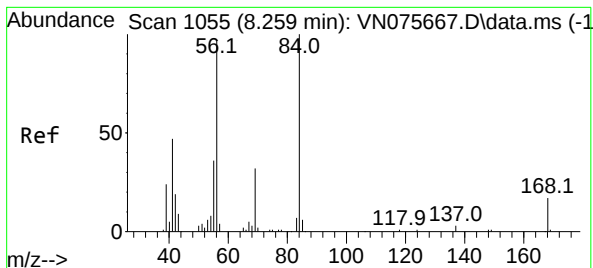


#30
Chloroform
Concen: 18.000 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion: 83 Resp: 110281
Ion Ratio Lower Upper
83 100
85 61.3 49.1 73.7





#31

Cyclohexane

Concen: 17.980 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 56 Resp: 90820

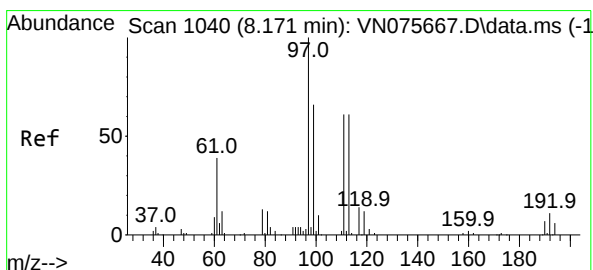
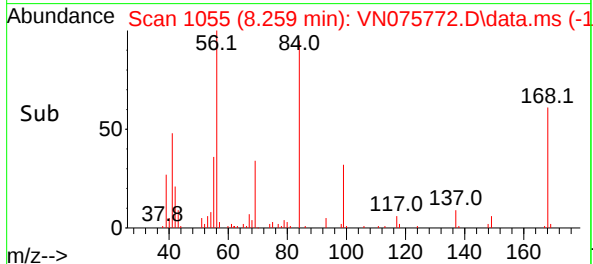
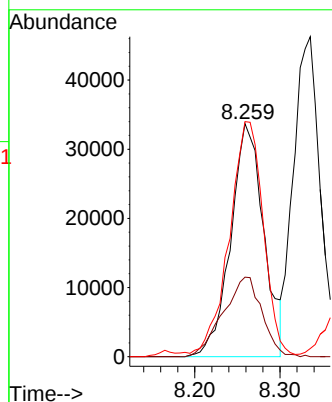
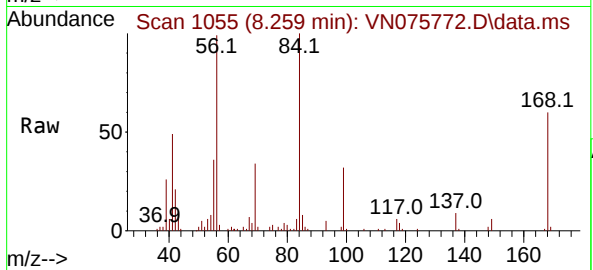
Ion	Ratio	Lower	Upper
56	100		
69	34.1	24.7	37.1
84	99.3	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#32

1,1,1-Trichloroethane

Concen: 18.023 ug/l

RT: 8.177 min Scan# 1041

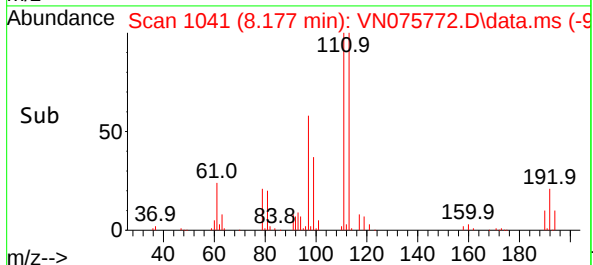
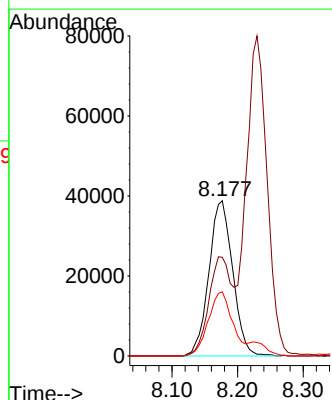
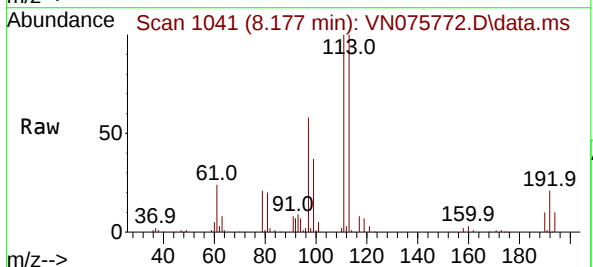
Delta R.T. 0.006 min

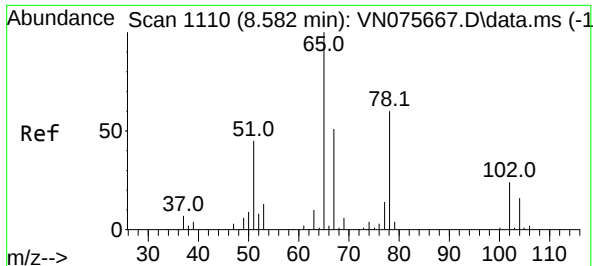
Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Tgt Ion: 97 Resp: 97896

Ion	Ratio	Lower	Upper
97	100		
99	60.9	50.2	75.2
61	42.0	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 51.890 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 65 Resp: 18301

Ion Ratio Lower Upper

65 100

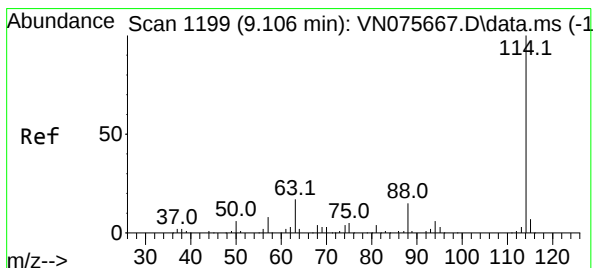
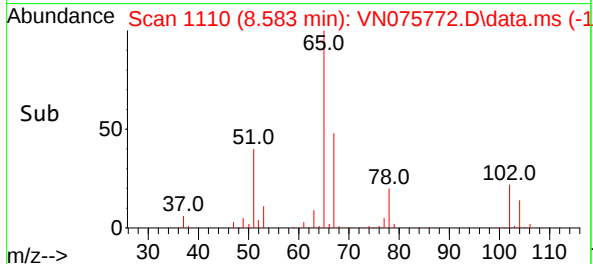
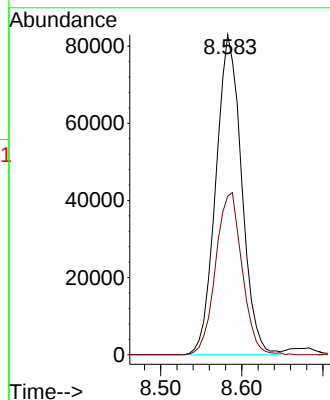
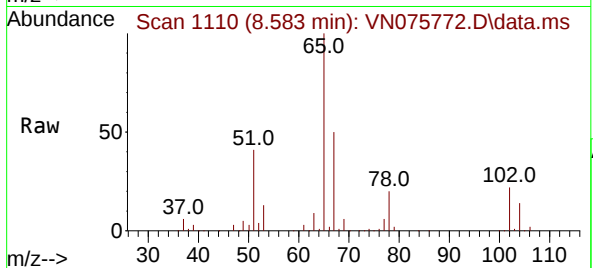
67 51.9 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

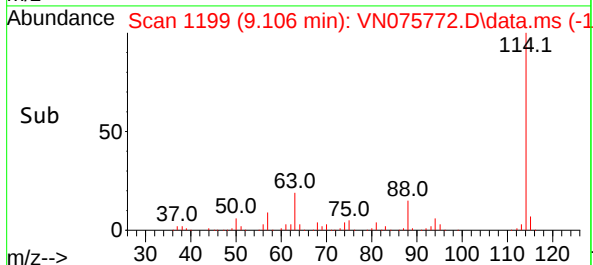
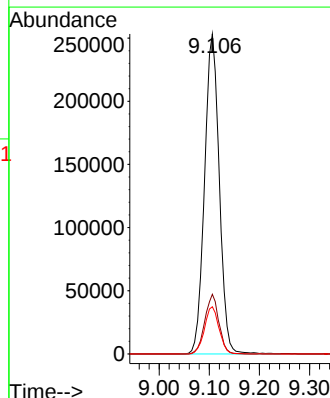
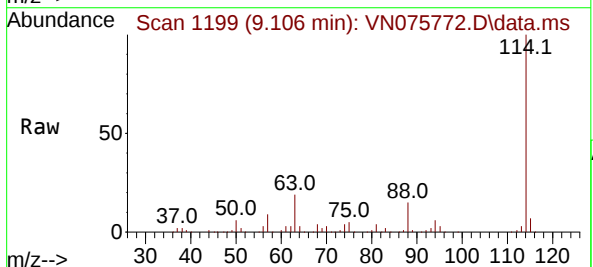
Tgt Ion:114 Resp: 517994

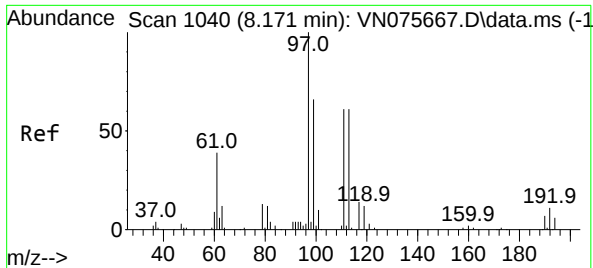
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.4

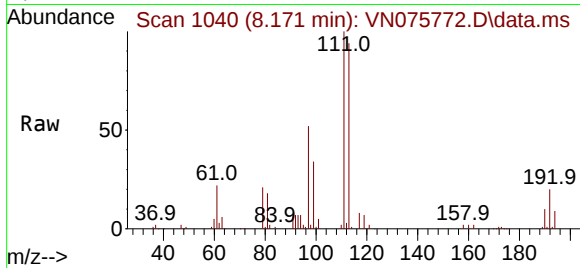
88 14.7 0.0 28.8





#35
Dibromofluoromethane
Concen: 51.796 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

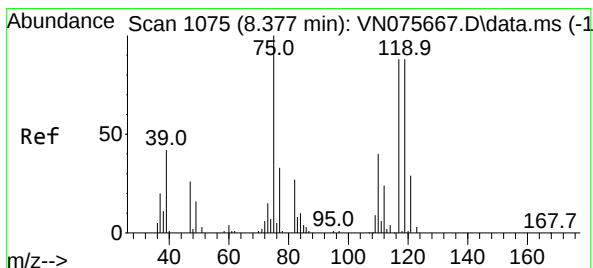
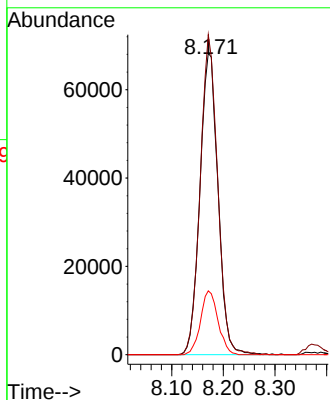
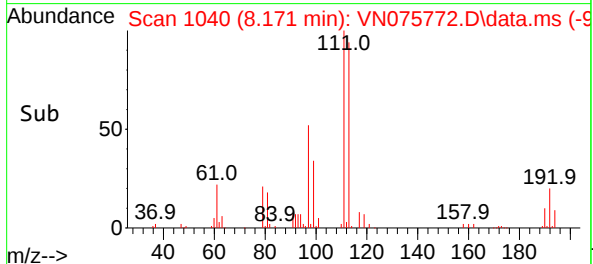
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



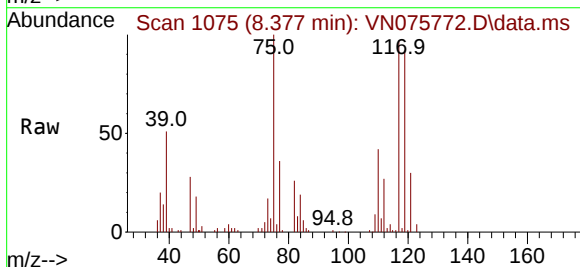
Tgt Ion: 113 Resp: 166150
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 20.4 16.1 24.1

Manual Integrations
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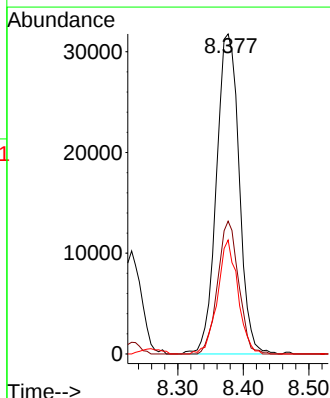
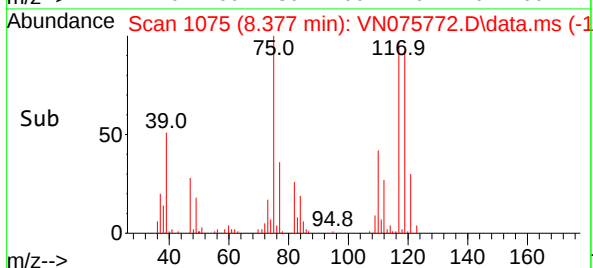
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

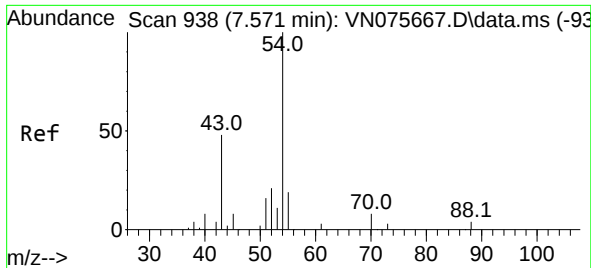


#36
1,1-Dichloropropene
Concen: 17.917 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion: 75 Resp: 76352
Ion Ratio Lower Upper
75 100
110 38.4 18.8 56.4
77 32.0 24.1 36.1





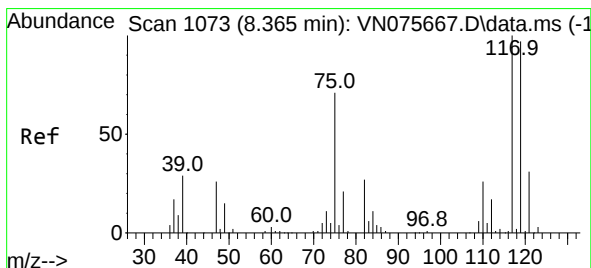
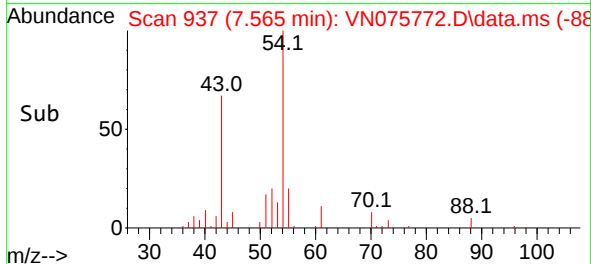
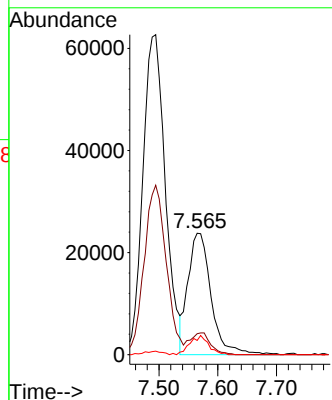
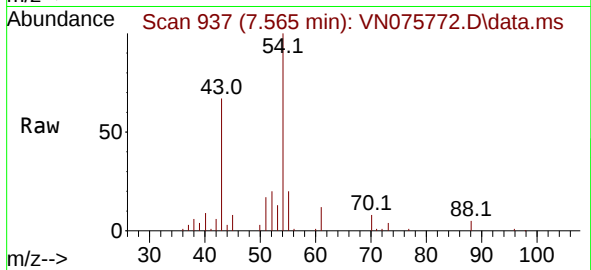
#37
Ethyl Acetate
Concen: 19.006 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 43 Resp: 65050
Ion Ratio Lower Upper
43 100
61 16.2 13.0 19.4
70 12.8 9.4 14.0

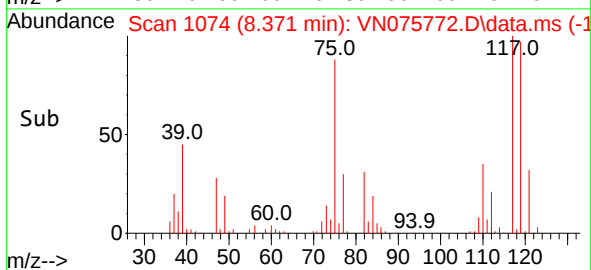
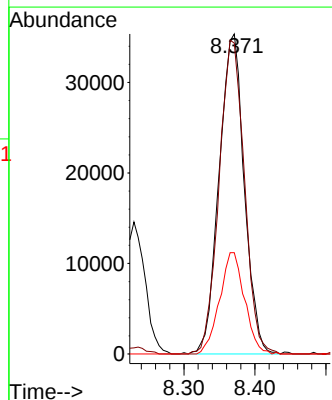
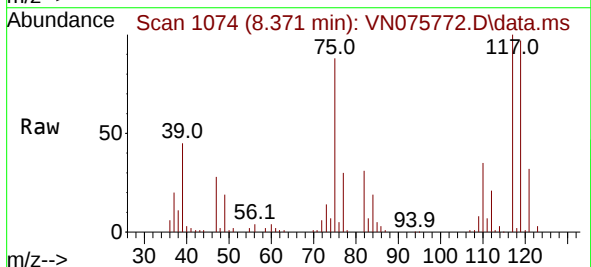
Manual Integrations
APPROVED

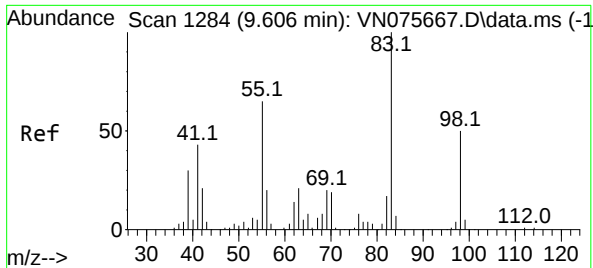
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#38
Carbon Tetrachloride
Concen: 18.206 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion:117 Resp: 86831
Ion Ratio Lower Upper
117 100
119 97.1 76.1 114.1
121 31.7 24.5 36.7





#39

Methylcyclohexane

Concen: 18.667 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 83 Resp: 9596

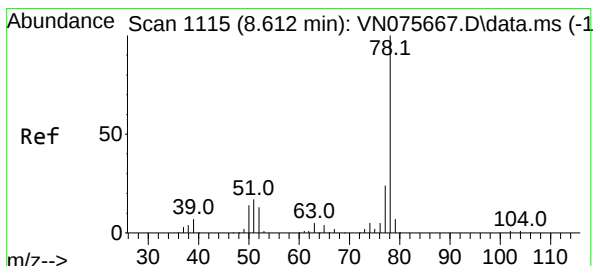
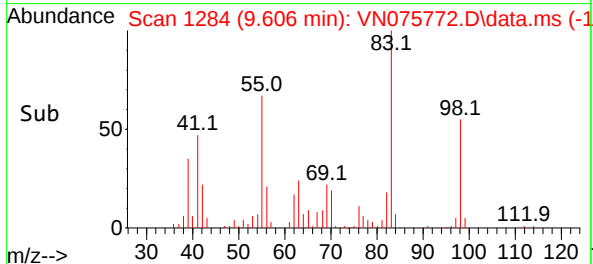
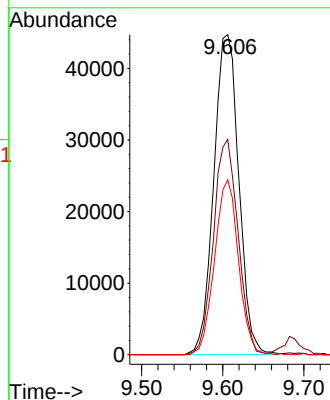
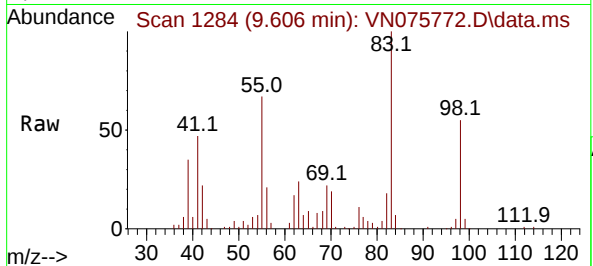
Ion	Ratio	Lower	Upper
83	100		
55	67.3	51.4	77.0
98	54.7	39.8	59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#40

Benzene

Concen: 18.360 ug/l

RT: 8.612 min Scan# 1115

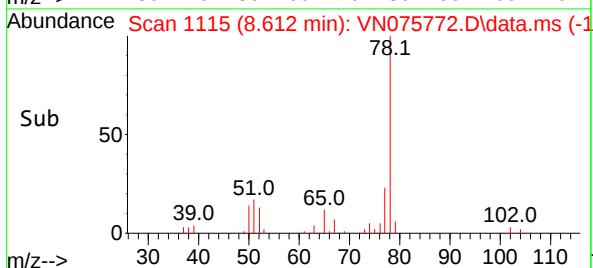
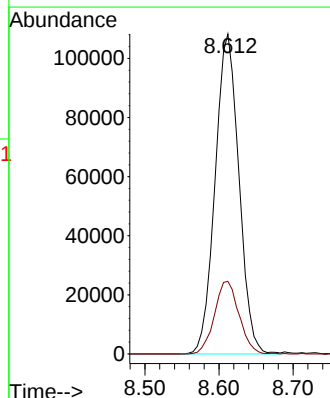
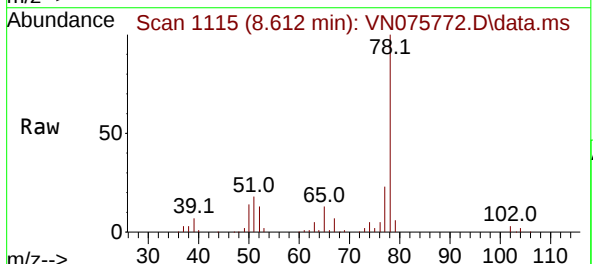
Delta R.T. -0.000 min

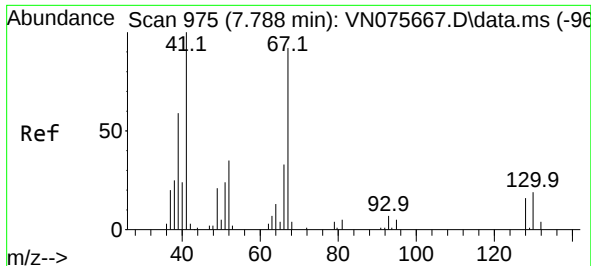
Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Tgt Ion: 78 Resp: 241396

Ion	Ratio	Lower	Upper
78	100		
77	22.7	18.5	27.7





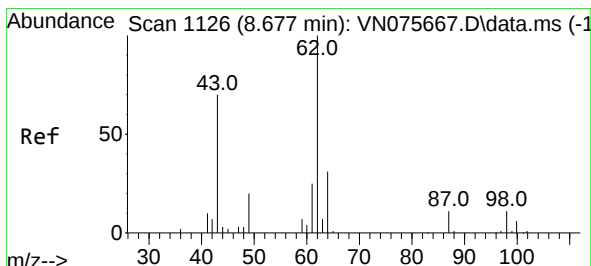
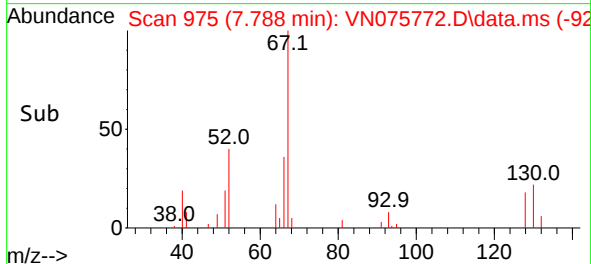
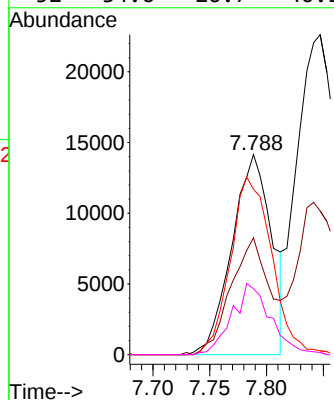
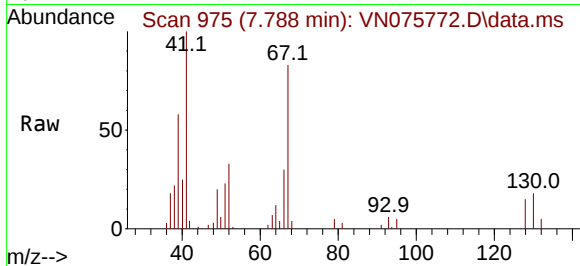
#41
Methacrylonitrile
Concen: 19.296 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 41 Resp: 3433
Ion Ratio Lower Upper
41 100
39 57.1 43.1 64.7
67 92.7 70.7 106.1
52 34.6 26.7 40.1

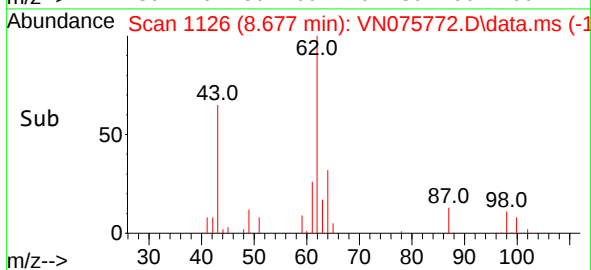
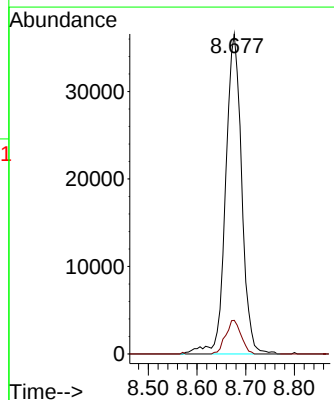
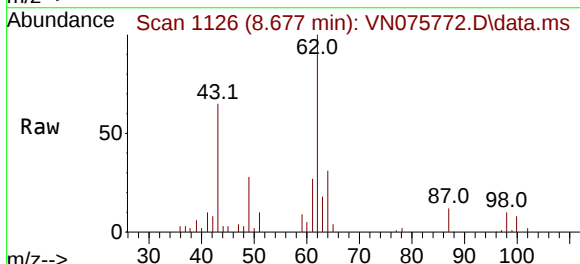
Manual Integrations
APPROVED

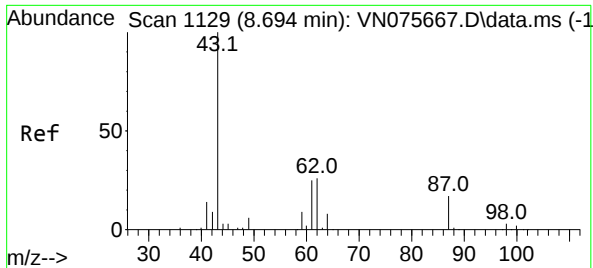
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#42
1,2-Dichloroethane
Concen: 19.228 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

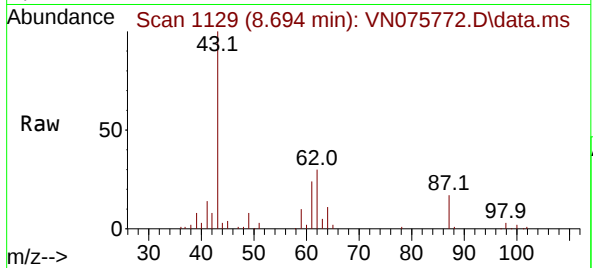
Tgt Ion: 62 Resp: 84045
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.8





#43
Isopropyl Acetate
Concen: 19.117 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

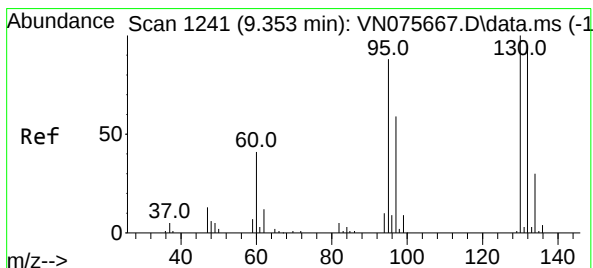
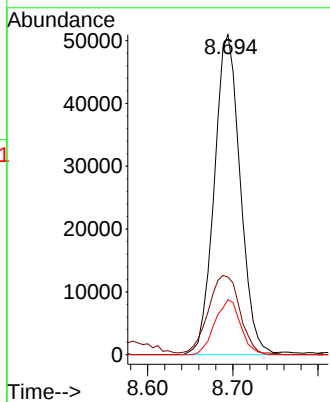
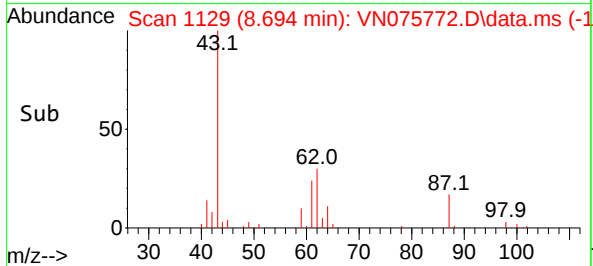
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



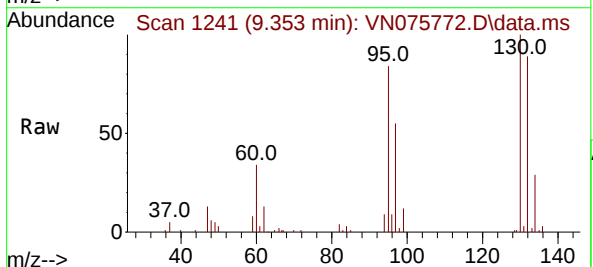
Tgt Ion: 43 Resp: 107938
Ion Ratio Lower Upper
43 100
61 30.4 24.2 36.4
87 17.0 13.3 19.9

Manual Integrations
APPROVED

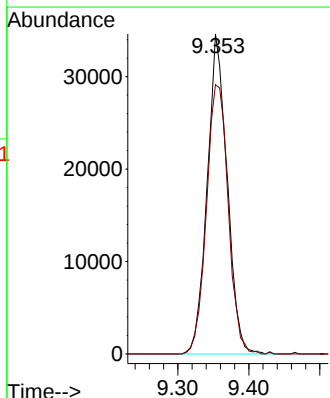
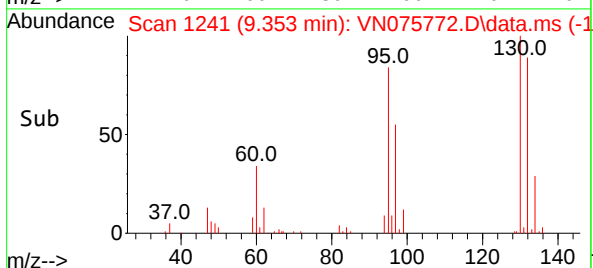
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

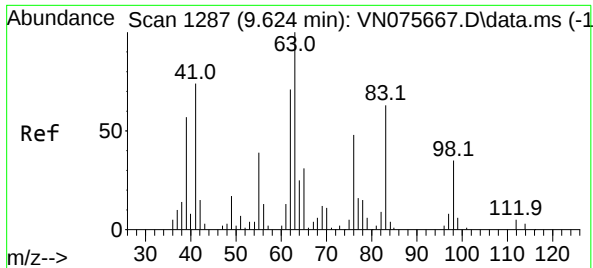


#44
Trichloroethene
Concen: 18.173 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion:130 Resp: 67310
Ion Ratio Lower Upper
130 100
95 84.1 0.0 195.4





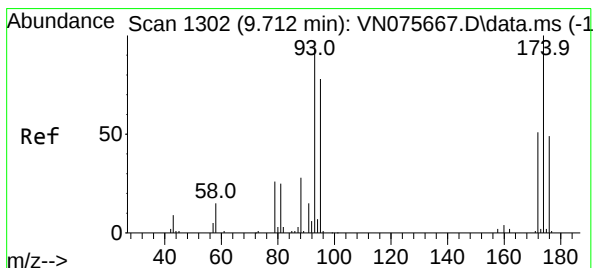
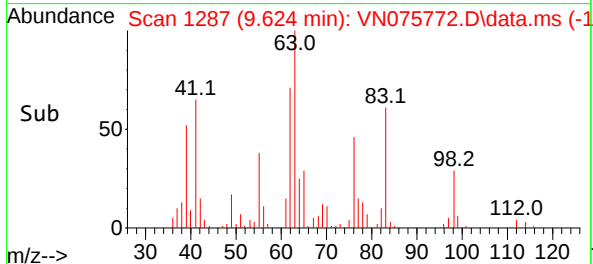
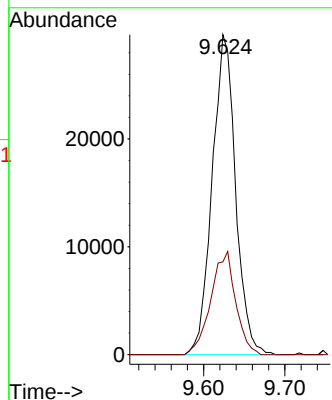
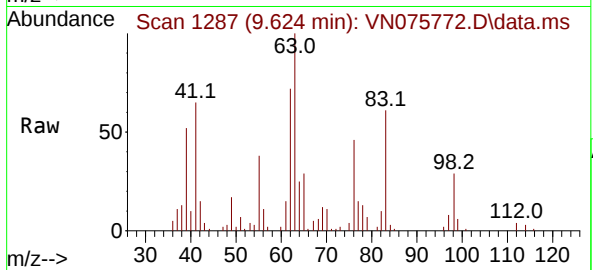
#45
1,2-Dichloropropane
Concen: 18.562 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 63 Resp: 5938
Ion Ratio Lower Upper
63 100
65 29.0 25.7 38.5

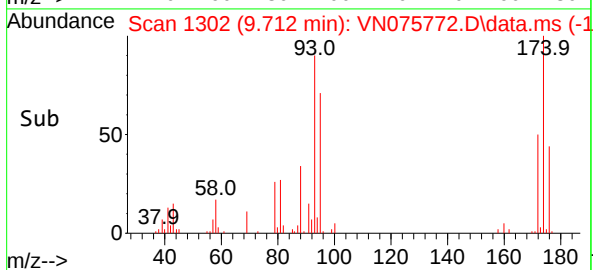
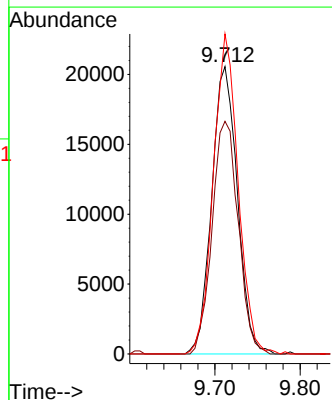
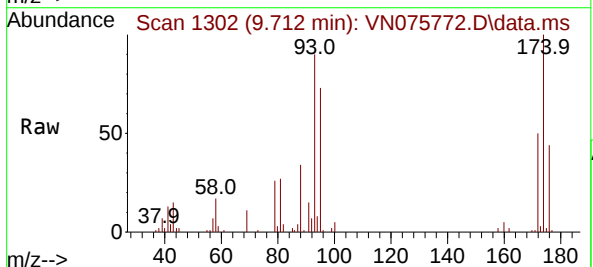
Manual Integrations
APPROVED

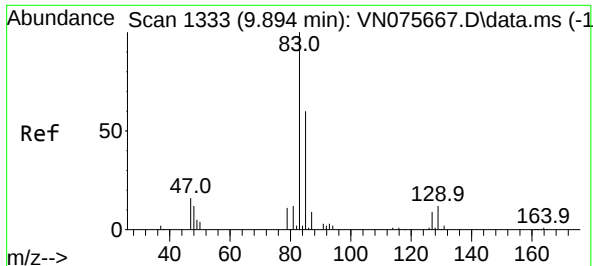
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#46
Dibromomethane
Concen: 18.144 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 93 Resp: 43056
Ion Ratio Lower Upper
93 100
95 82.5 65.2 97.8
174 107.6 82.4 123.6





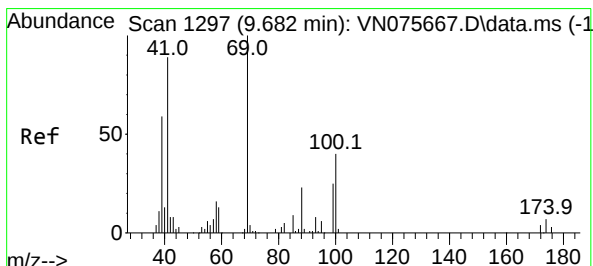
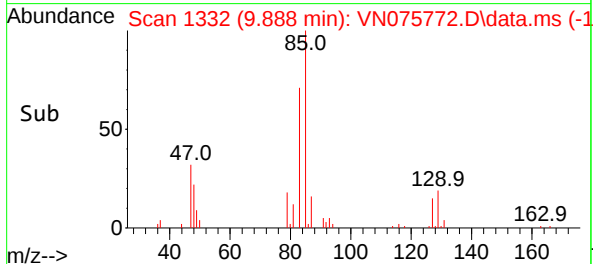
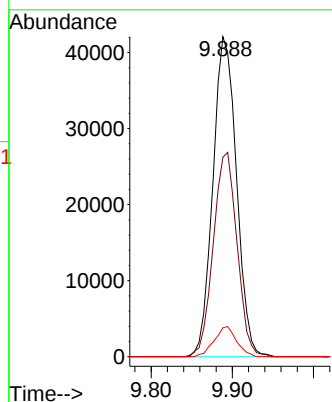
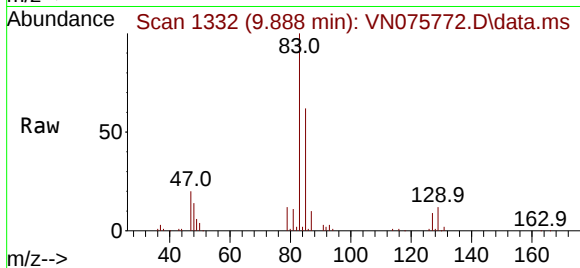
#47
Bromodichloromethane
Concen: 18.283 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 83 Resp: 8508
Ion Ratio Lower Upper
83 100
85 62.4 51.5 77.3
127 9.0 6.6 10.0

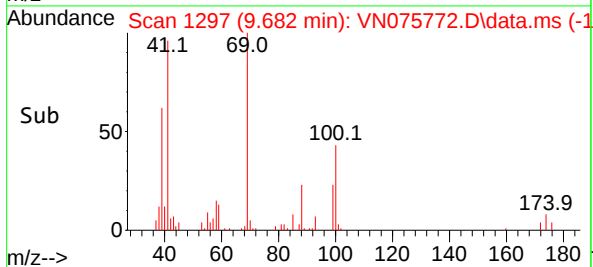
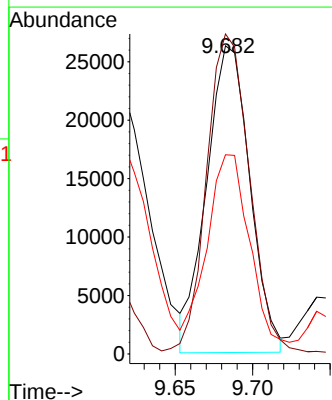
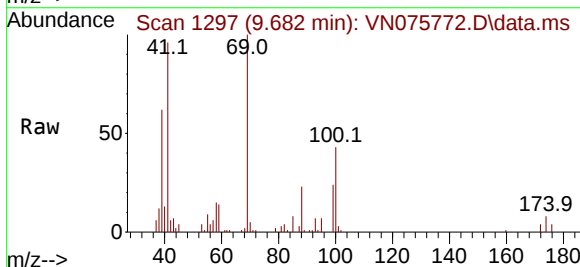
Manual Integrations
APPROVED

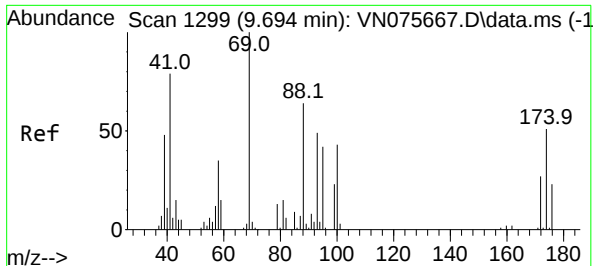
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#48
Methyl methacrylate
Concen: 20.043 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 41 Resp: 50970
Ion Ratio Lower Upper
41 100
69 104.0 81.9 122.9
39 66.1 51.6 77.4





#49

1,4-Dioxane

Concen: 434.346 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

Tgt Ion: 88 Resp: 2715

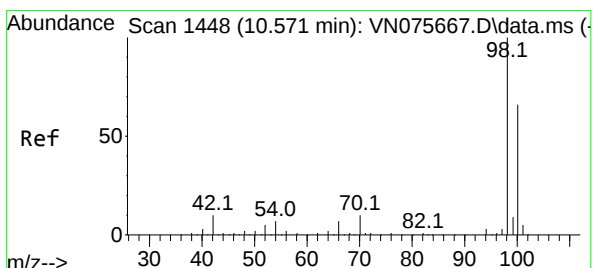
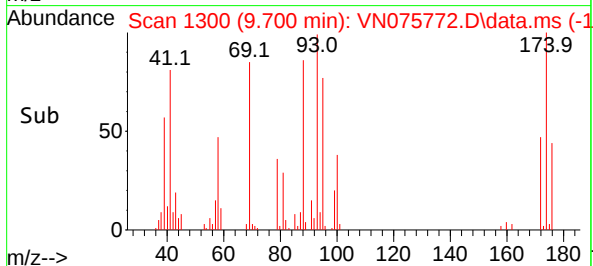
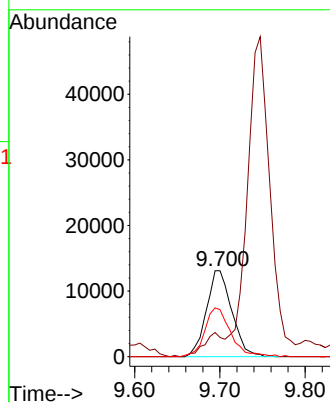
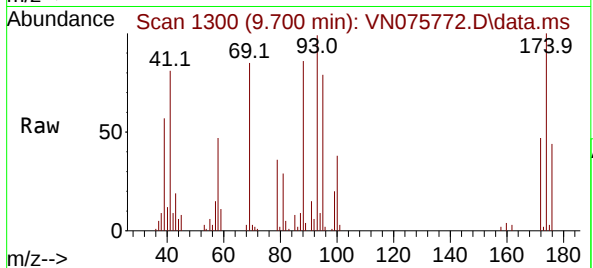
Ion	Ratio	Lower	Upper
88	100		
43	21.8	17.1	25.7
58	58.1	47.8	71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#50

Toluene-d8

Concen: 51.850 ug/l

RT: 10.571 min Scan# 1448

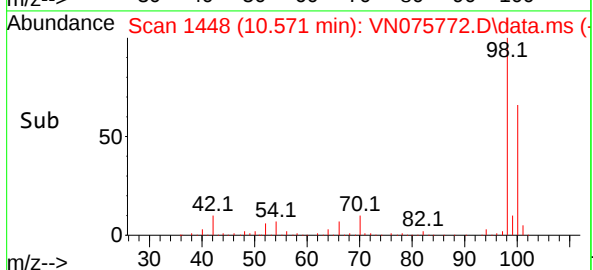
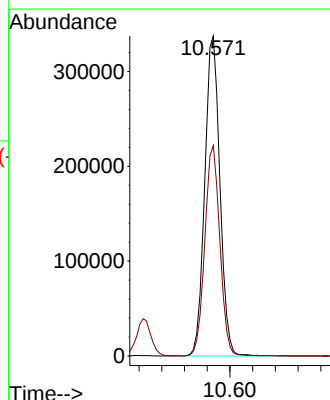
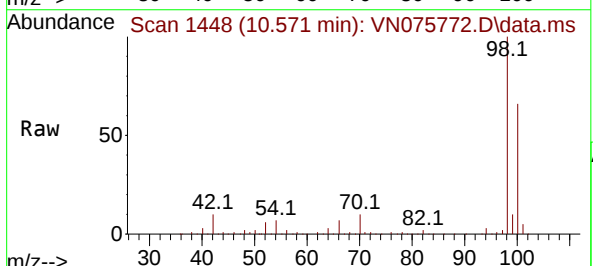
Delta R.T. -0.000 min

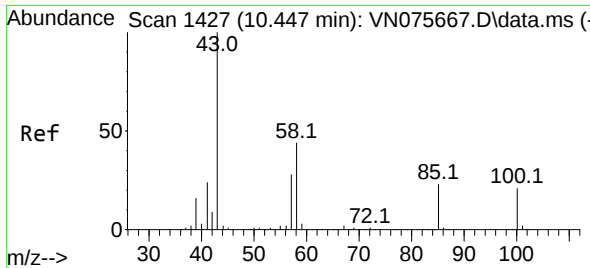
Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Tgt Ion: 98 Resp: 621883

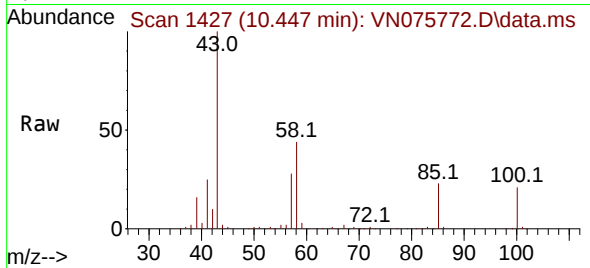
Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.1	78.1





#51
4-Methyl-2-Pentanone
Concen: 98.880 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

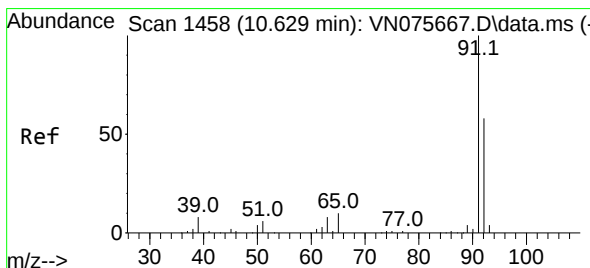
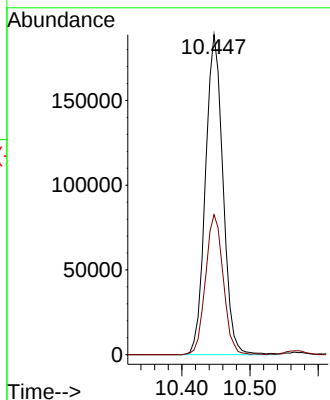
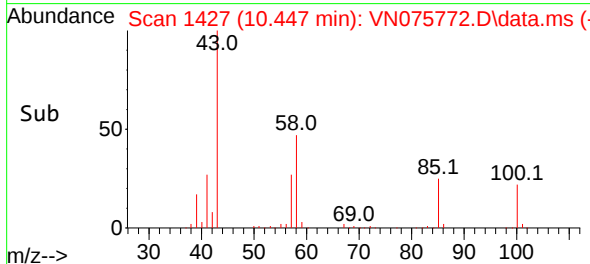
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 43 Resp: 337642
Ion Ratio Lower Upper
43 100
58 44.2 35.5 53.3

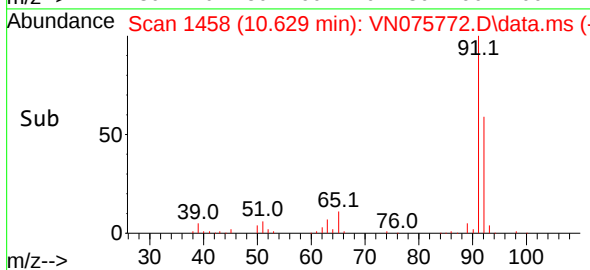
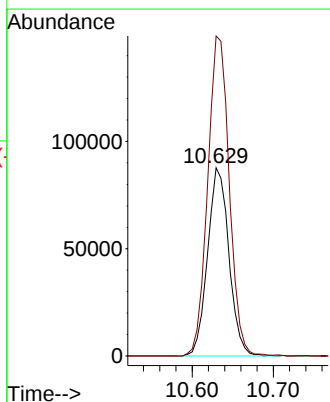
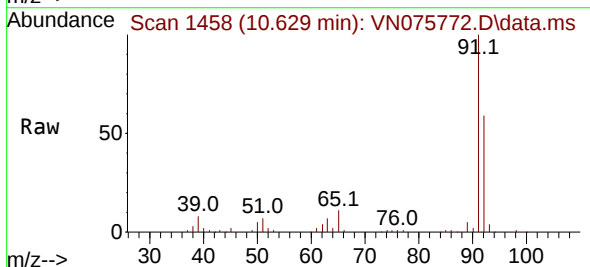
Manual Integrations
APPROVED

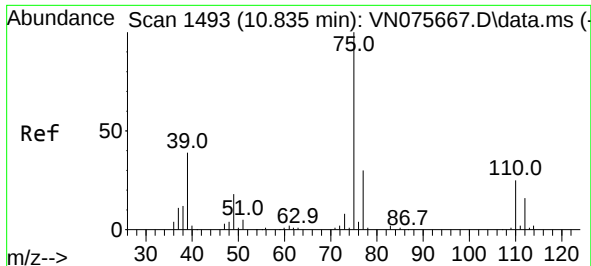
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#52
Toluene
Concen: 18.684 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion: 92 Resp: 159987
Ion Ratio Lower Upper
92 100
91 171.9 137.3 205.9





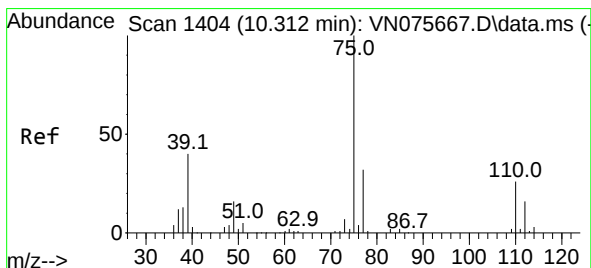
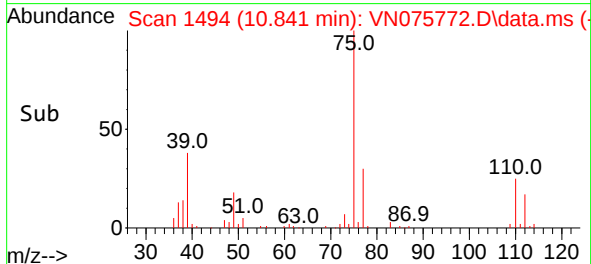
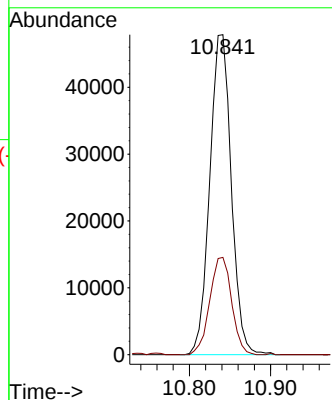
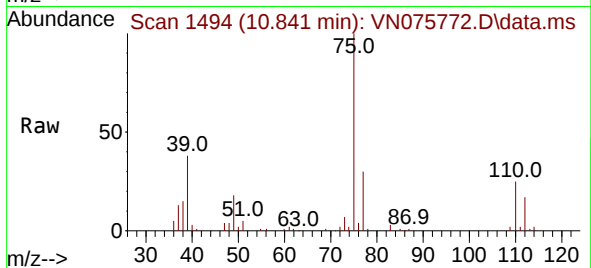
#53
 t-1,3-Dichloropropene
 Concen: 19.353 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075772.D
 Acq: 14 Dec 2022 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Tgt Ion: 75 Resp: 88160
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.9 37.3

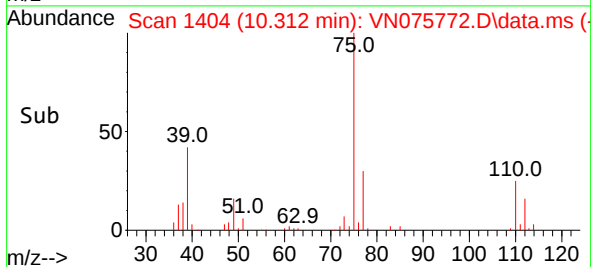
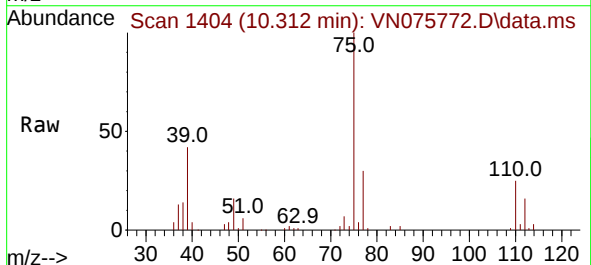
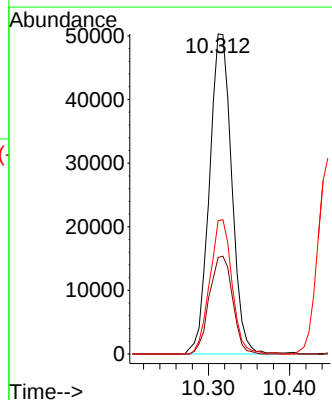
Manual Integrations
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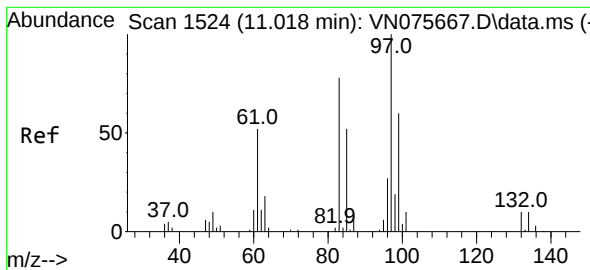
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.173 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. 0.000 min
 Lab File: VN075772.D
 Acq: 14 Dec 2022 16:03

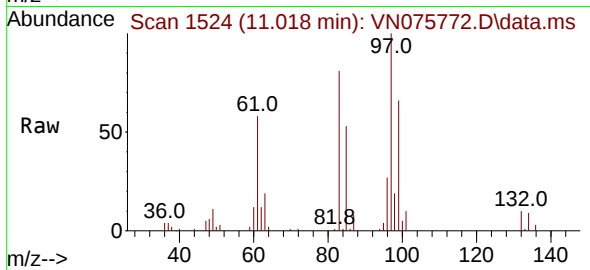
Tgt Ion: 75 Resp: 95894
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.8 38.8
 39 41.7 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.062 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

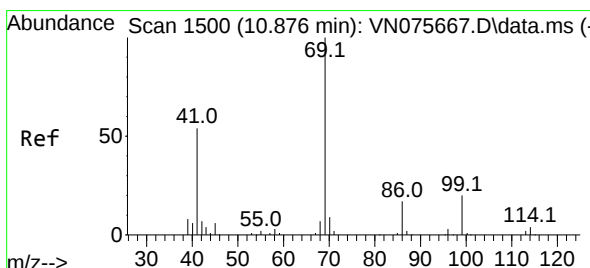
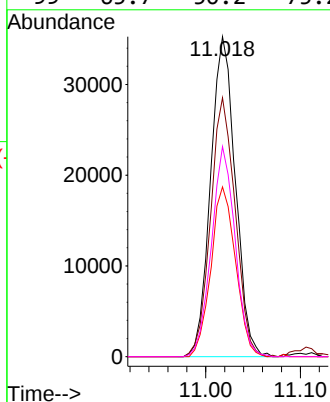
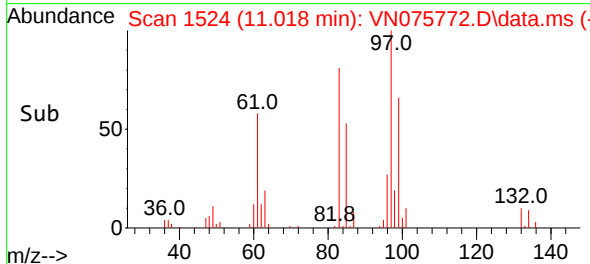
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



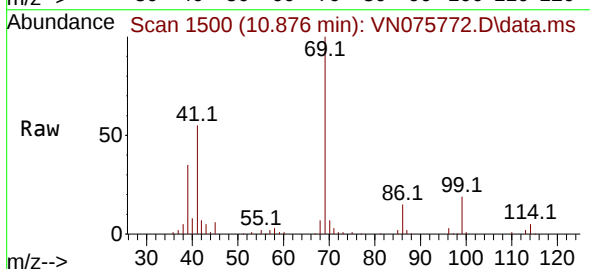
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.9	65.0	97.4
85	53.0	43.0	64.6
99	65.7	50.2	75.2

Manual Integrations
APPROVED

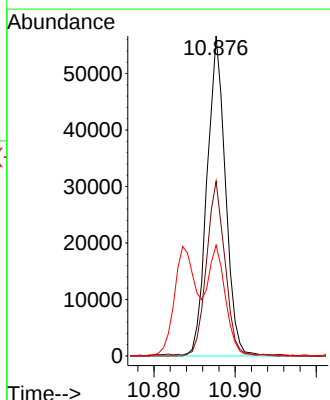
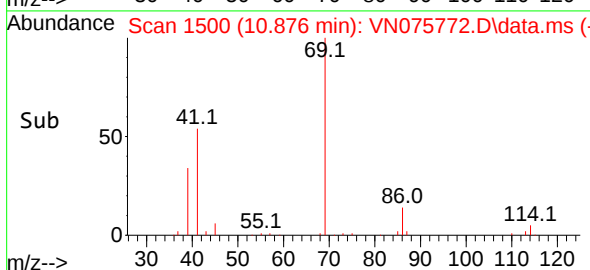
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

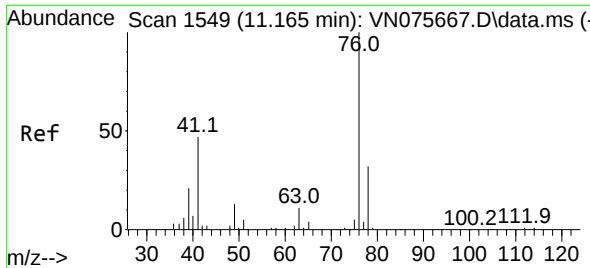


#56
Ethyl methacrylate
Concen: 19.964 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



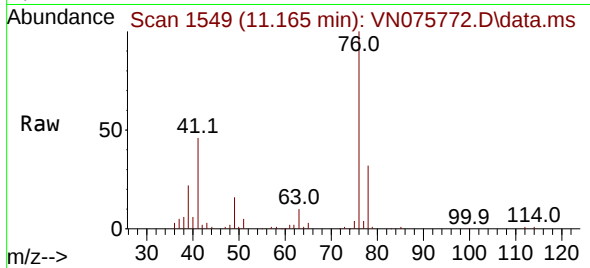
Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.9	44.2	66.4
39	32.5	26.4	39.6





#57
1,3-Dichloropropane
Concen: 19.174 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

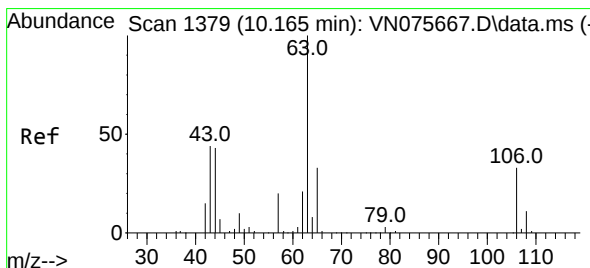
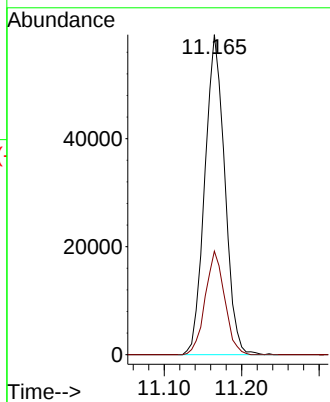
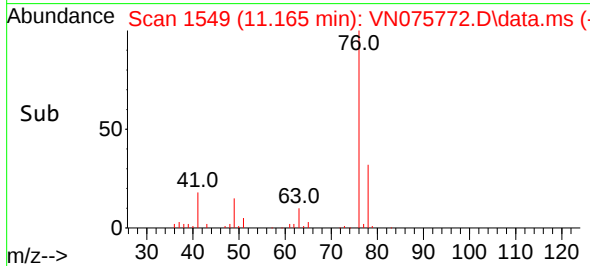
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



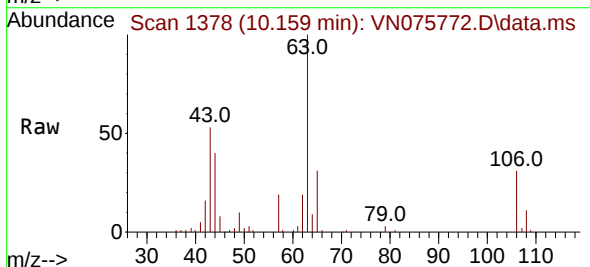
Tgt Ion: 76 Resp: 105704
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.2

Manual Integrations
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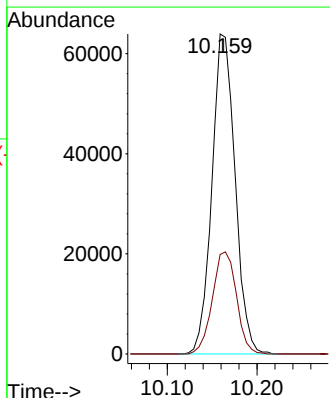
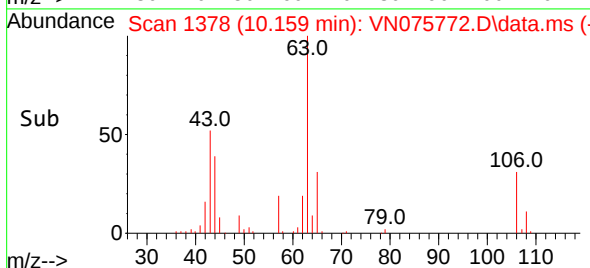
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

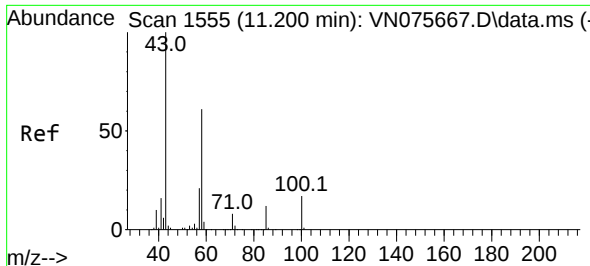


#58
2-Chloroethyl Vinyl ether
Concen: 80.650 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



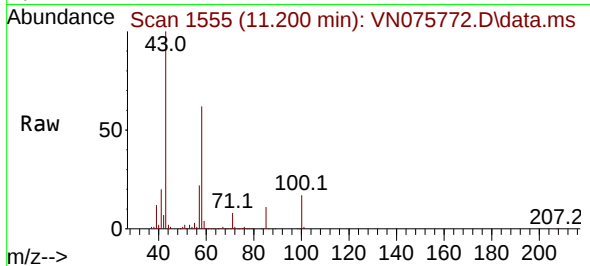
Tgt Ion: 63 Resp: 114630
Ion Ratio Lower Upper
63 100
106 33.1 26.4 39.6





#59
2-Hexanone
Concen: 101.429 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

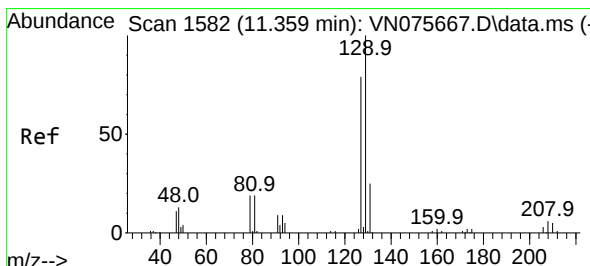
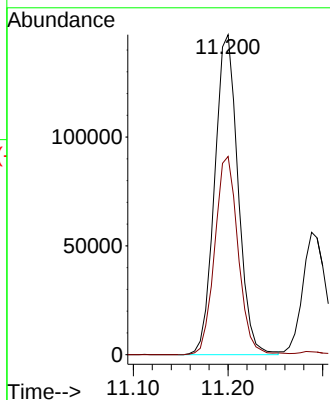
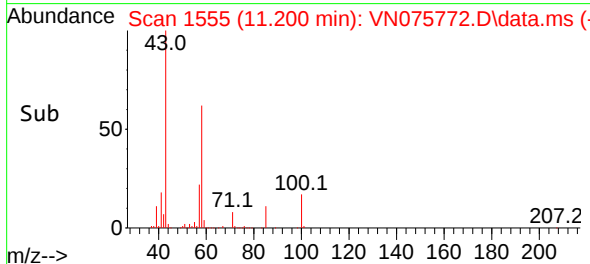
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 43 Resp: 252579
Ion Ratio Lower Upper
43 100
58 62.0 30.6 92.0

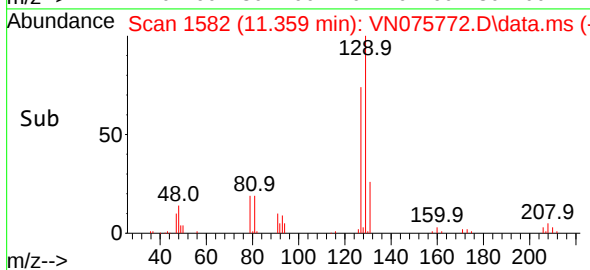
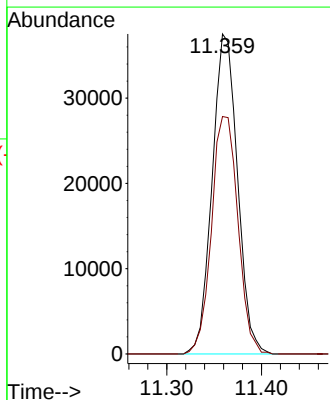
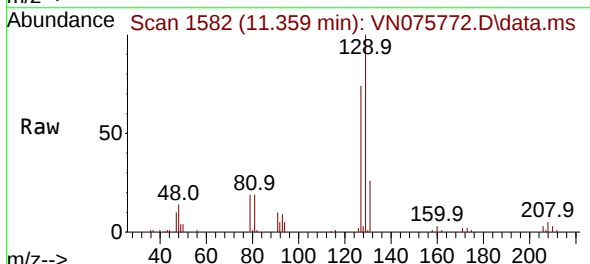
Manual Integrations
APPROVED

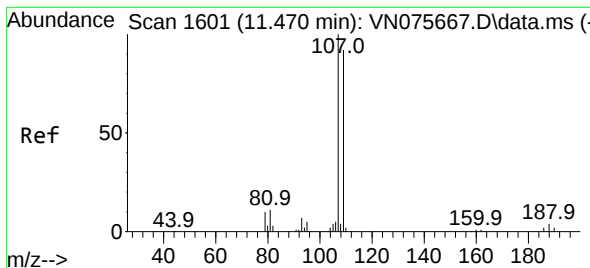
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#60
Dibromochloromethane
Concen: 18.688 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion:129 Resp: 69850
Ion Ratio Lower Upper
129 100
127 77.2 38.3 114.9





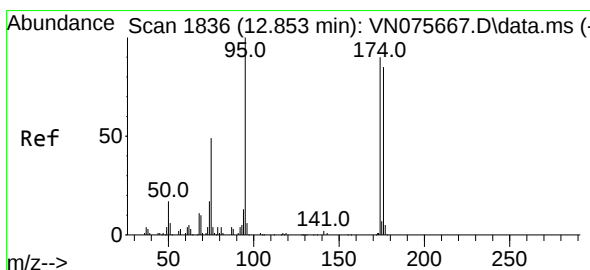
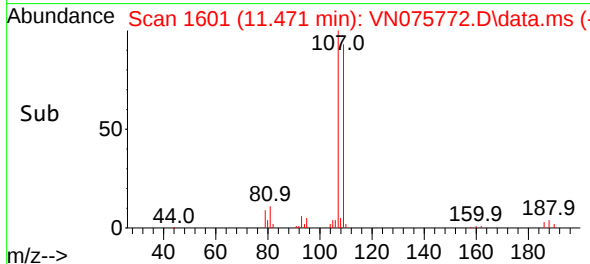
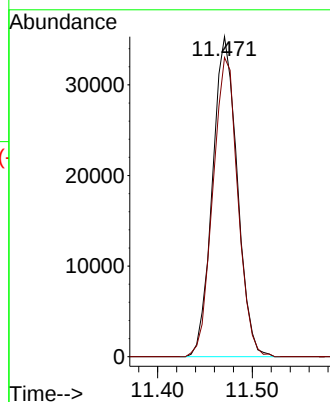
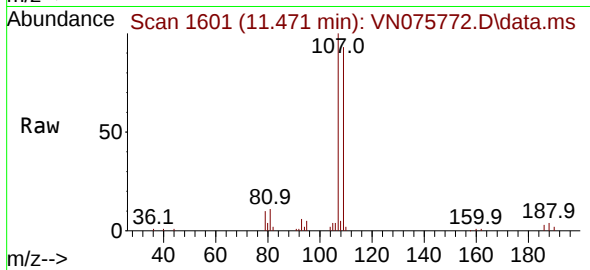
#61
1,2-Dibromoethane
Concen: 18.862 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:107 Resp: 6415
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

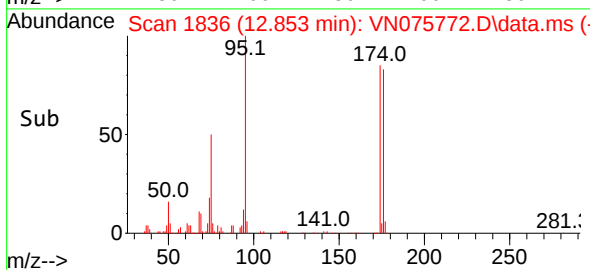
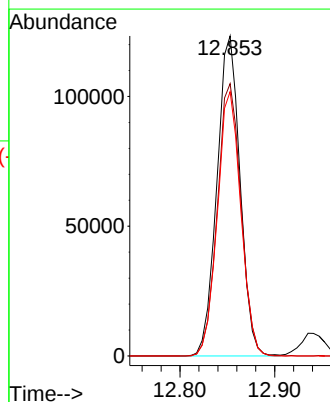
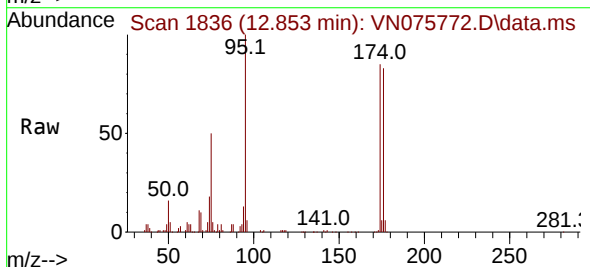
Manual Integrations
APPROVED

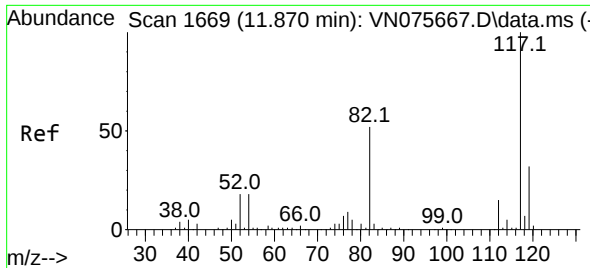
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#62
4-Bromofluorobenzene
Concen: 52.619 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

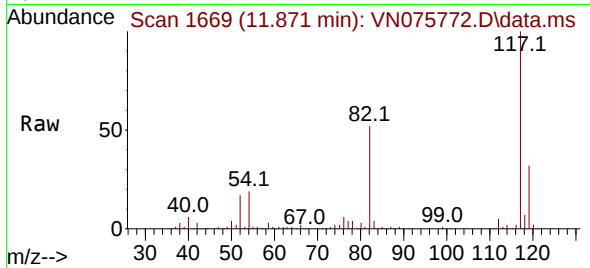
Tgt Ion: 95 Resp: 209028
Ion Ratio Lower Upper
95 100
174 87.1 0.0 171.6
176 83.7 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

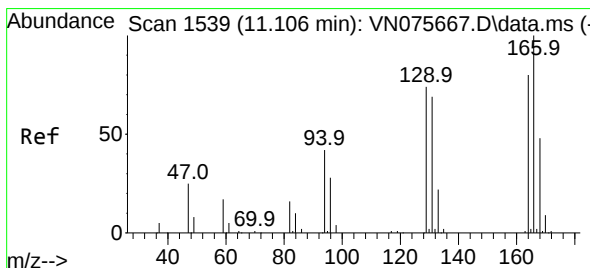
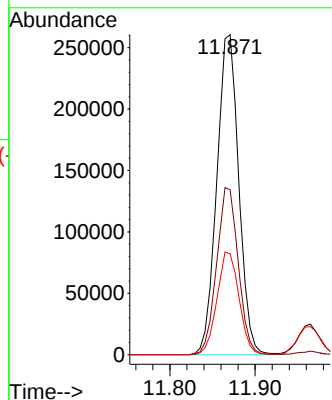
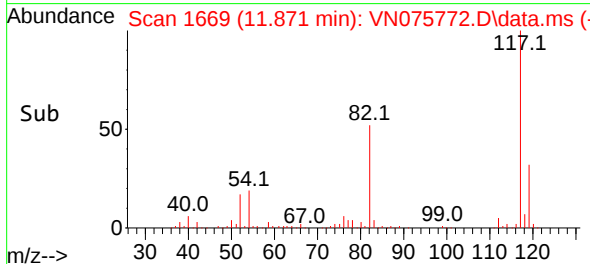
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion:117 Resp: 46726
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.5 24.6 37.0

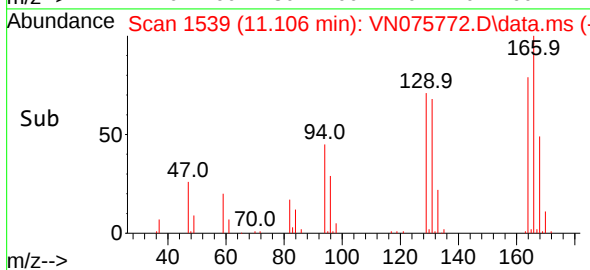
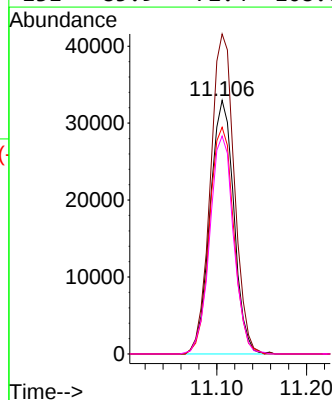
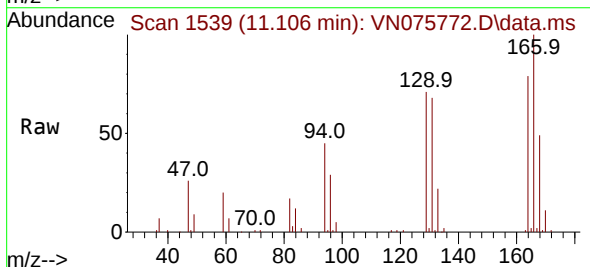
Manual Integrations
APPROVED

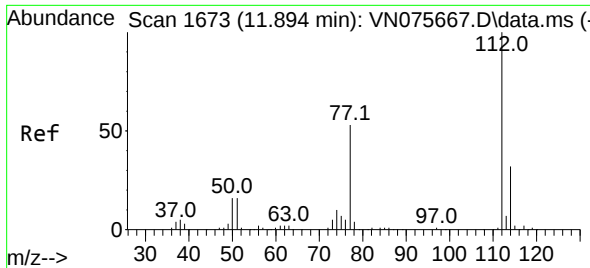
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#64
Tetrachloroethene
Concen: 18.504 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

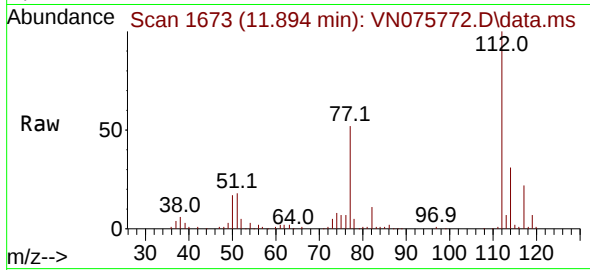
Tgt Ion:164 Resp: 60842
Ion Ratio Lower Upper
164 100
166 126.2 101.9 152.9
129 89.4 74.2 111.2
131 85.9 72.4 108.6





#65
Chlorobenzene
Concen: 18.217 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

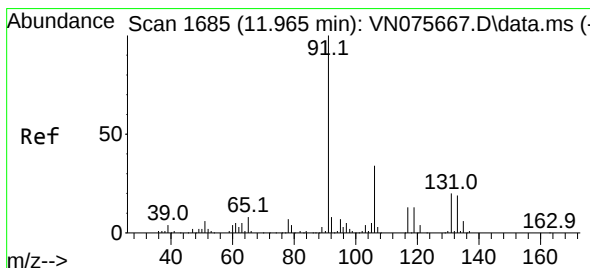
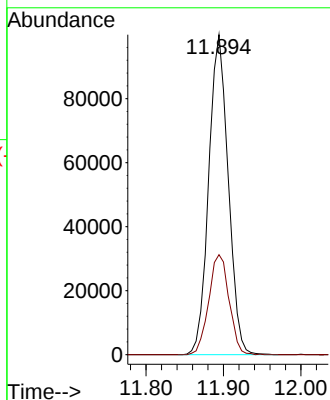
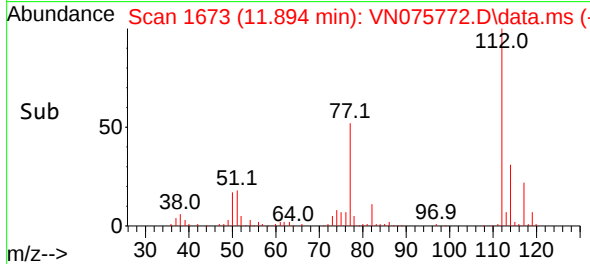
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



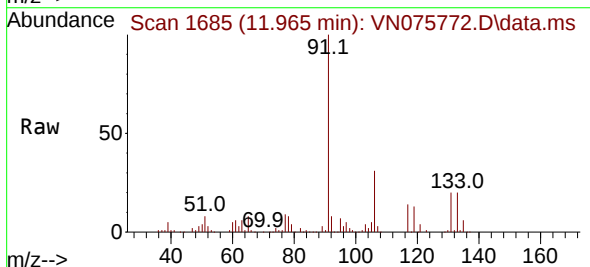
Tgt Ion:112 Resp: 174710
Ion Ratio Lower Upper
112 100
114 31.2 24.7 37.1

Manual Integrations
APPROVED

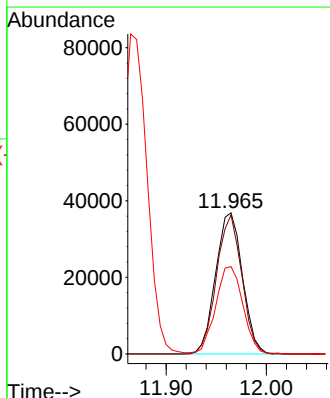
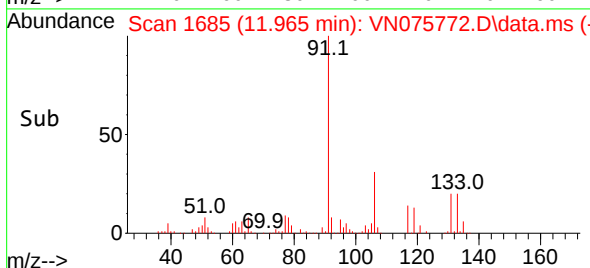
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

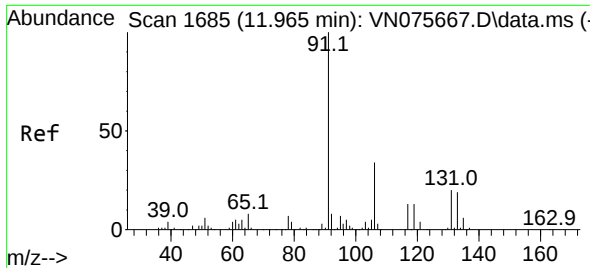


#66
1,1,1,2-Tetrachloroethane
Concen: 19.203 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion:131 Resp: 68215
Ion Ratio Lower Upper
131 100
133 92.9 47.5 142.5
119 63.4 31.9 95.7





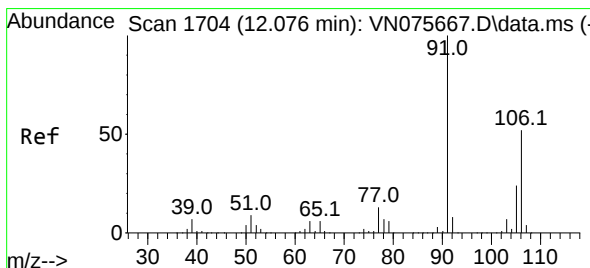
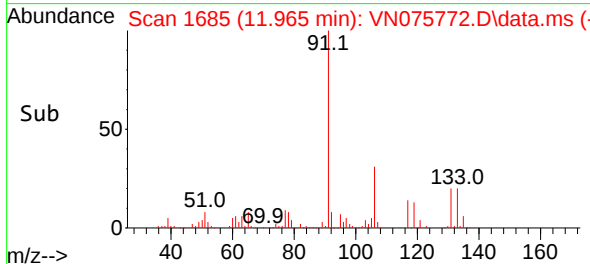
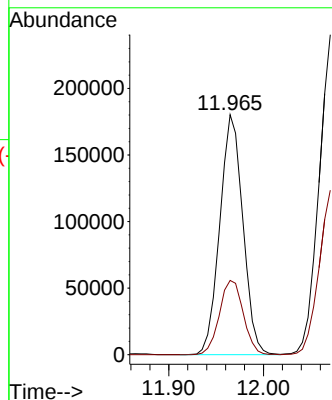
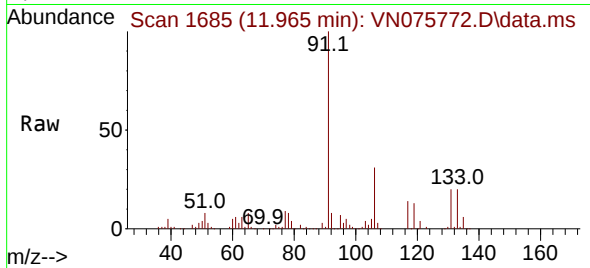
#67
Ethyl Benzene
Concen: 18.865 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 91 Resp: 30535
Ion Ratio Lower Upper
91 100
106 30.9 25.7 38.5

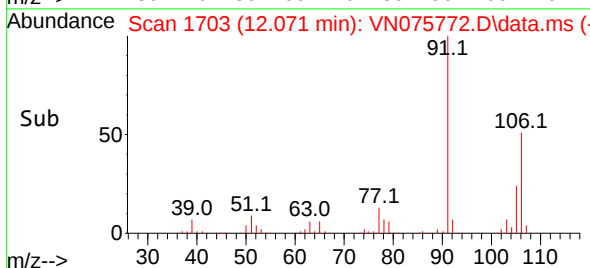
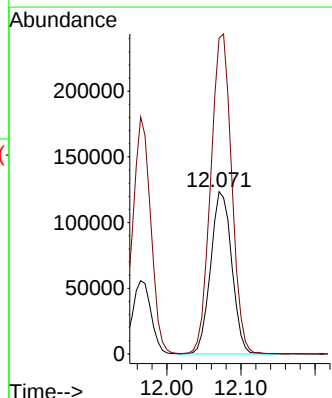
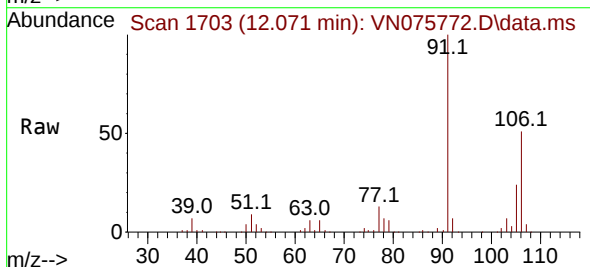
Manual Integrations
APPROVED

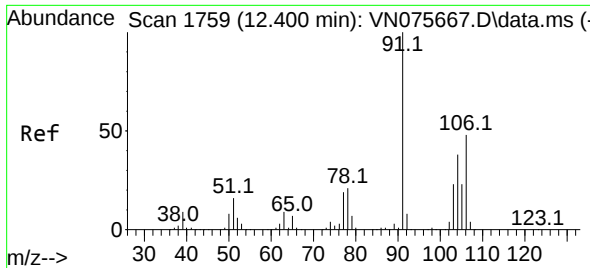
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#68
m/p-Xylenes
Concen: 38.159 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion:106 Resp: 244463
Ion Ratio Lower Upper
106 100
91 196.0 156.6 235.0





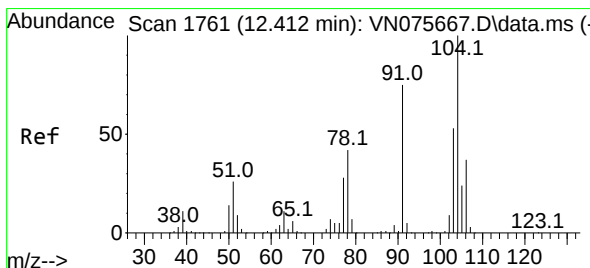
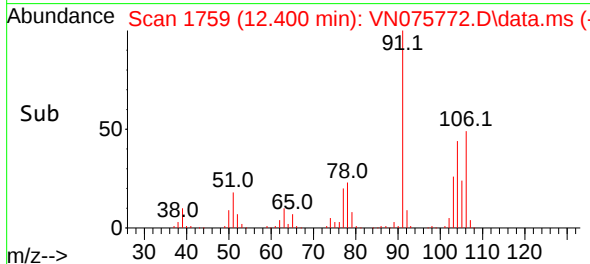
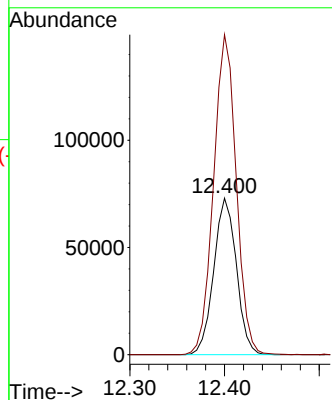
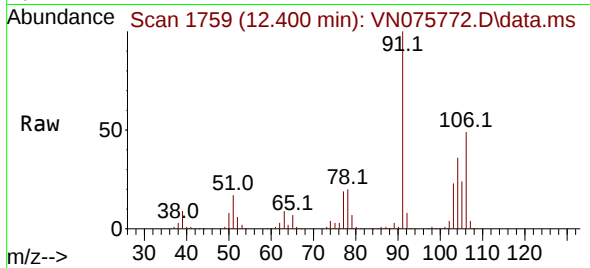
#69
o-Xylene
Concen: 19.126 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:106 Resp: 121258
Ion Ratio Lower Upper
106 100
91 204.9 103.8 311.6

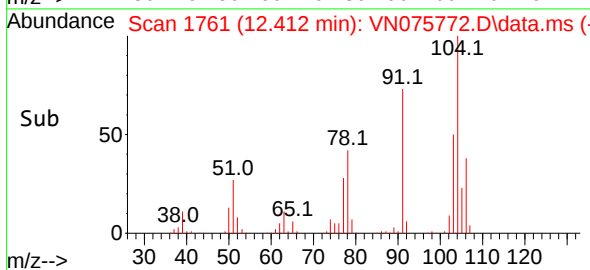
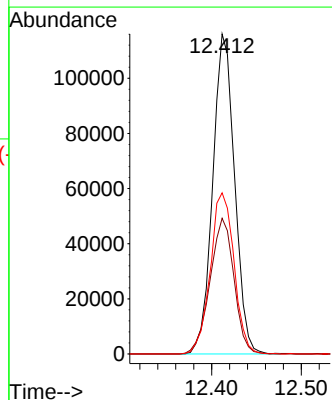
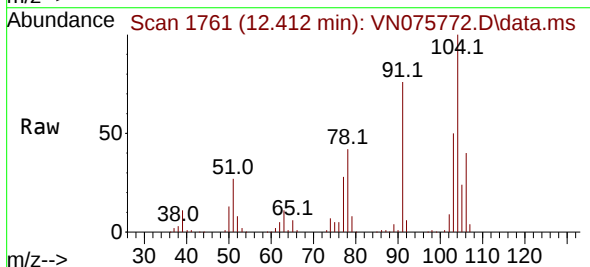
Manual Integrations
APPROVED

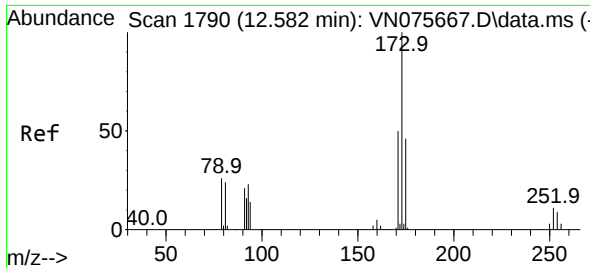
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#70
Styrene
Concen: 19.484 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion:104 Resp: 196411
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 54.7 43.5 65.3





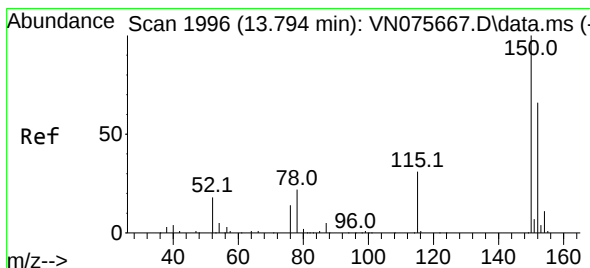
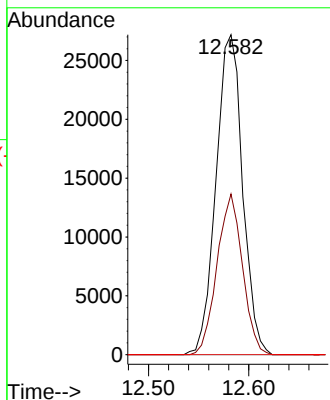
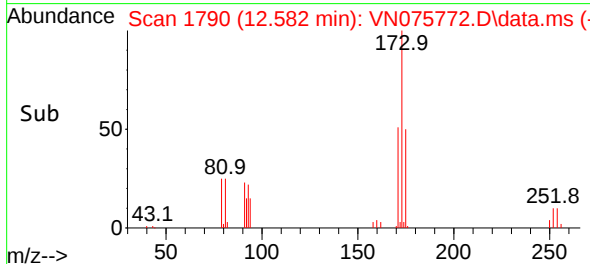
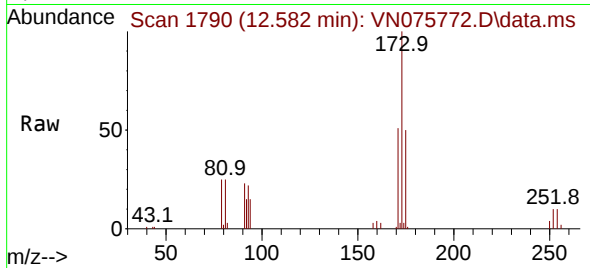
#71
Bromoform
Concen: 19.376 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:173 Resp: 5008
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.0 0.0

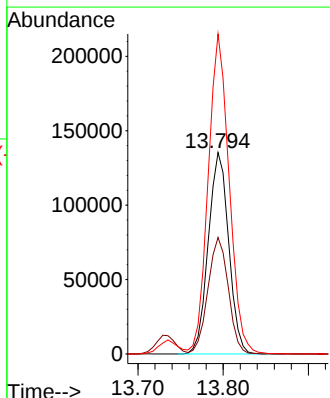
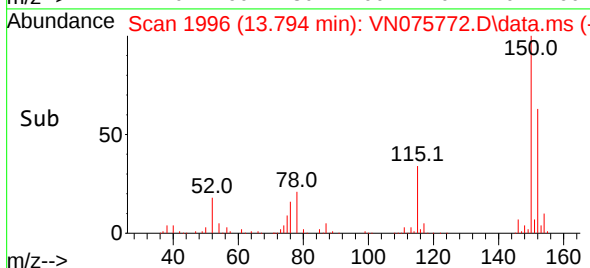
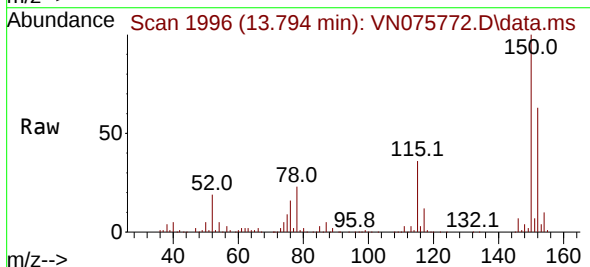
Manual Integrations
APPROVED

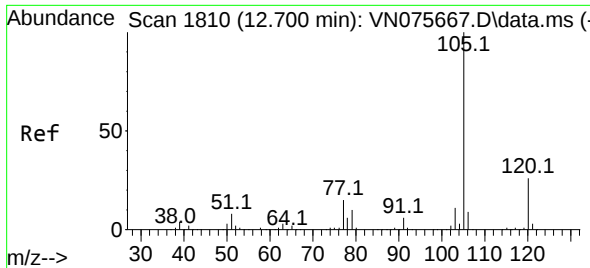
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion:152 Resp: 224897
Ion Ratio Lower Upper
152 100
115 57.8 29.1 87.4
150 163.5 0.0 347.0





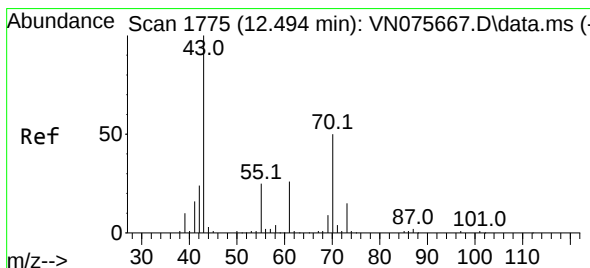
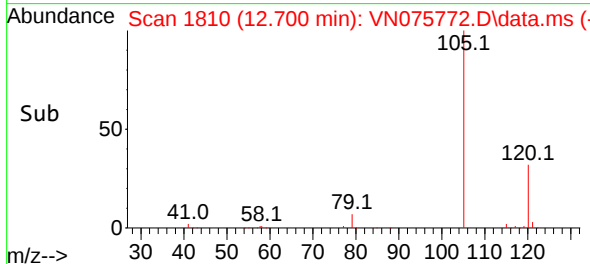
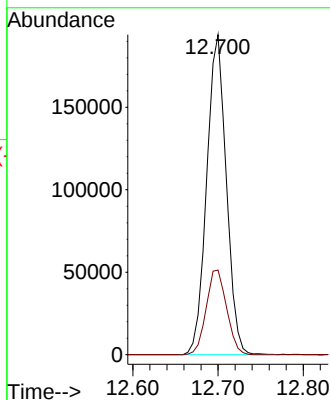
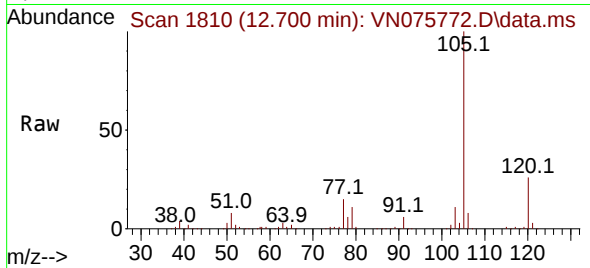
#73
Isopropylbenzene
Concen: 19.066 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion:105 Resp: 30986
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.2

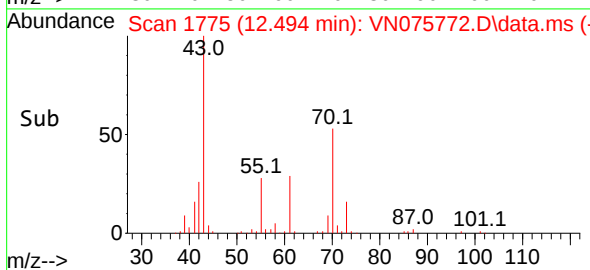
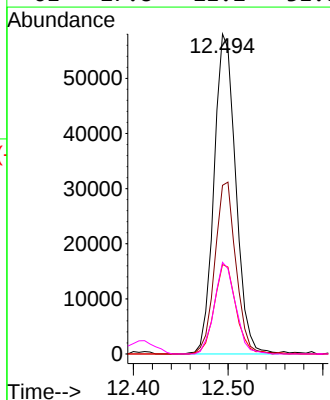
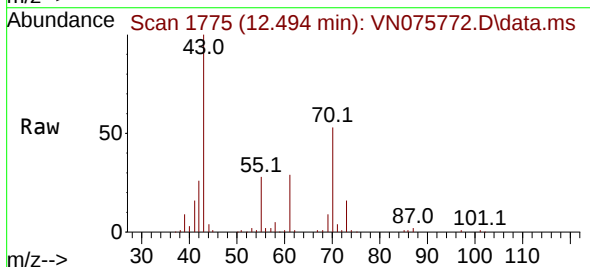
Manual Integrations
APPROVED

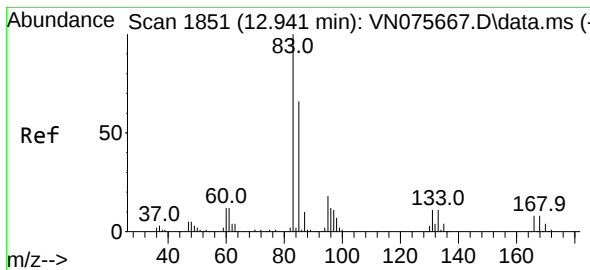
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#74
N-ethyl acetate
Concen: 19.432 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

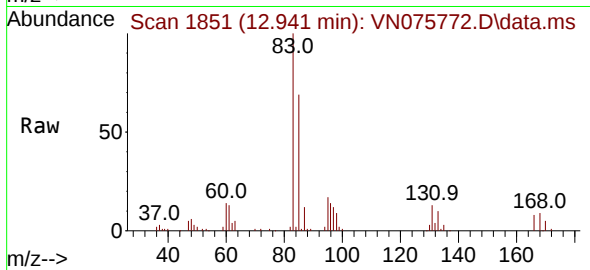
Tgt Ion: 43 Resp: 92646
Ion Ratio Lower Upper
43 100
70 52.2 41.4 62.0
55 27.9 21.3 31.9
61 27.8 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.288 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

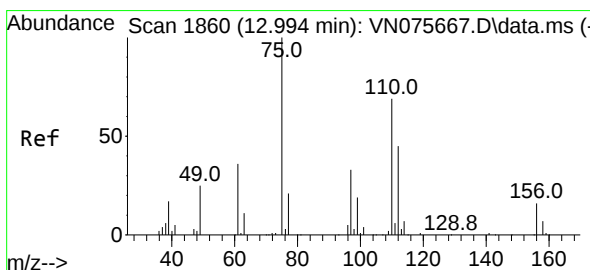
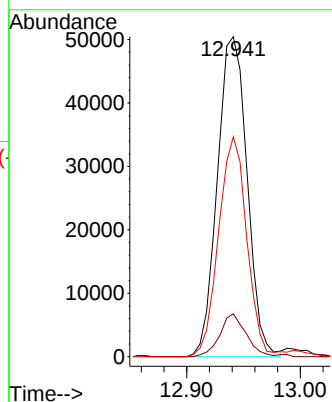
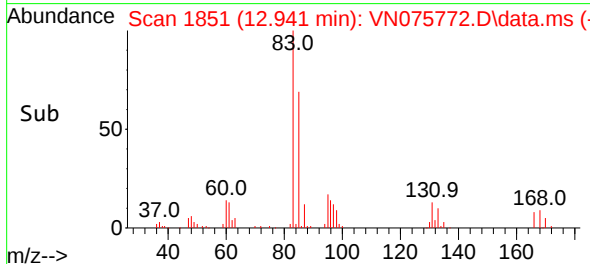
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



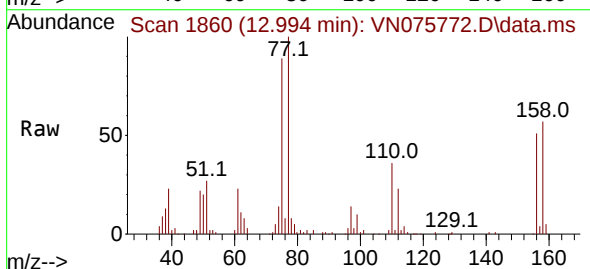
Tgt Ion: 83 Resp: 91882
Ion Ratio Lower Upper
83 100
131 12.1 5.6 16.8
85 64.8 32.6 98.0

Manual Integrations
APPROVED

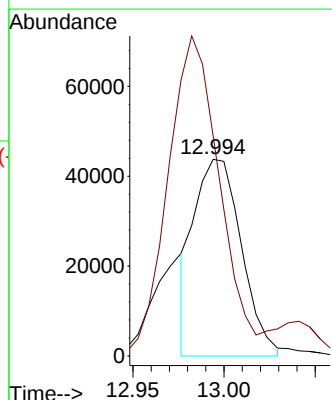
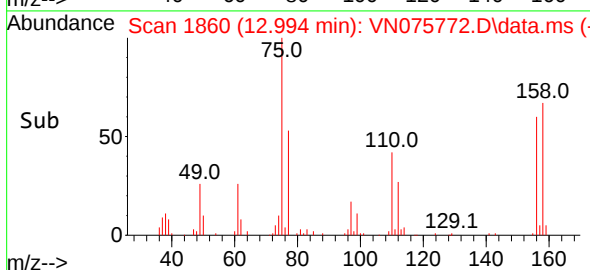
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

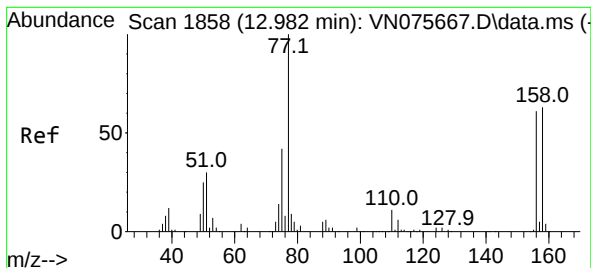


#76
1,2,3-Trichloropropane
Concen: 17.365 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion: 75 Resp: 78724
Ion Ratio Lower Upper
75 100
77 179.7 82.6 247.8





#77

Bromobenzene

Concen: 18.685 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

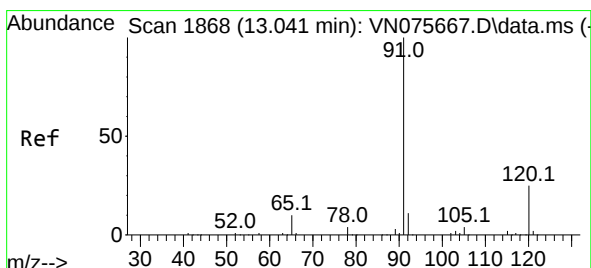
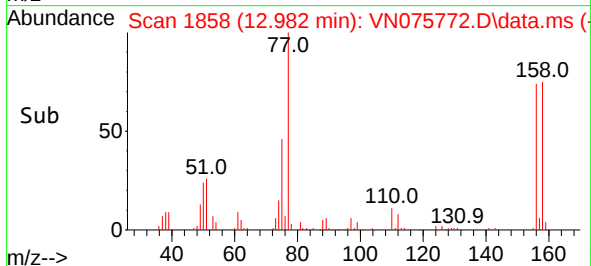
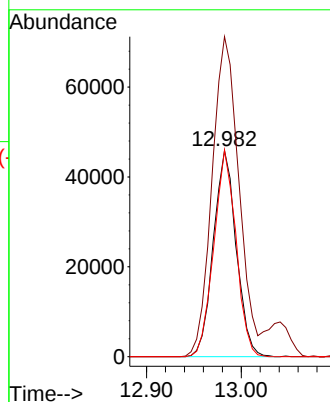
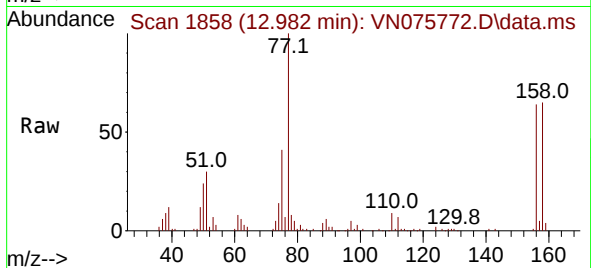
Tgt Ion:	156	Resp:	7685
Ion Ratio	Lower	Upper	
156	100		
77	184.1	93.8	281.3
158	97.3	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#78

n-propylbenzene

Concen: 19.345 ug/l

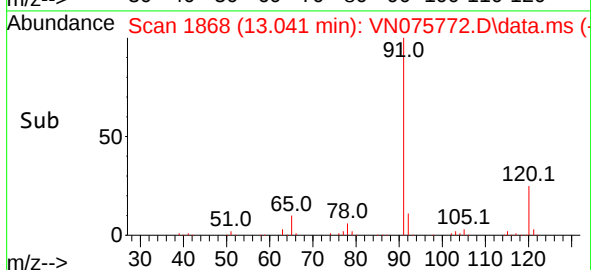
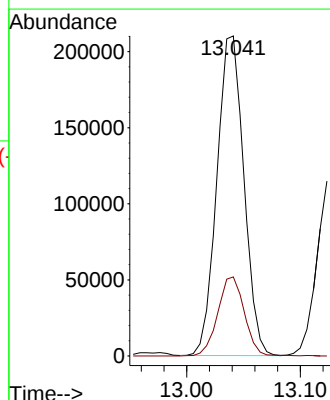
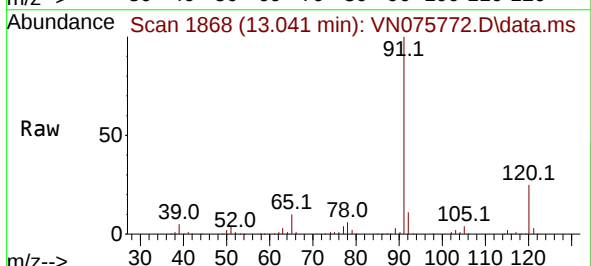
RT: 13.041 min Scan# 1868

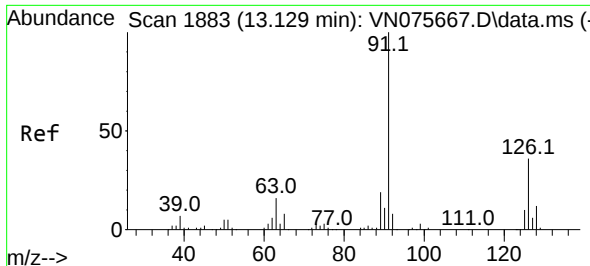
Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Tgt Ion:	91	Resp:	346761
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.0	36.1





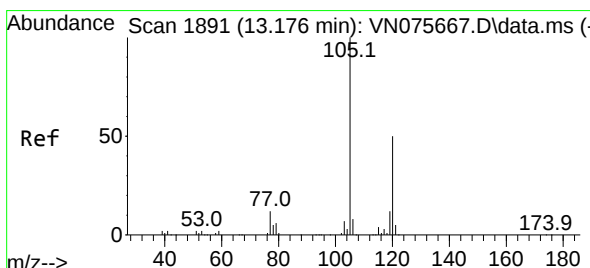
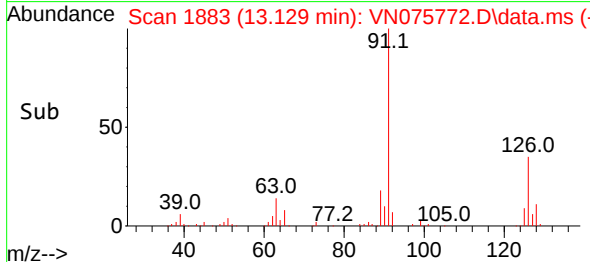
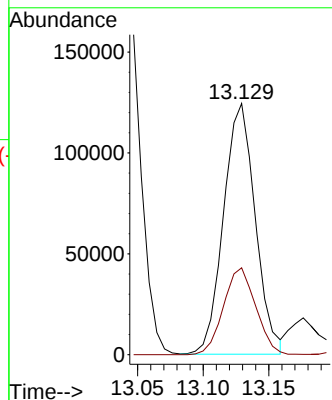
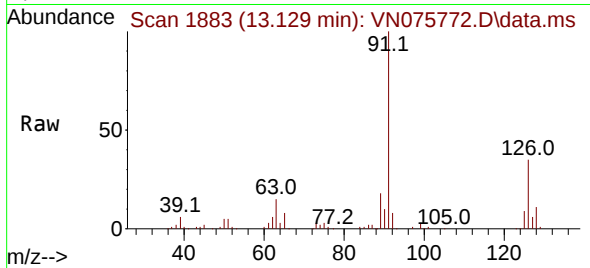
#79
2-Chlorotoluene
Concen: 18.711 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 91 Resp: 20936
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

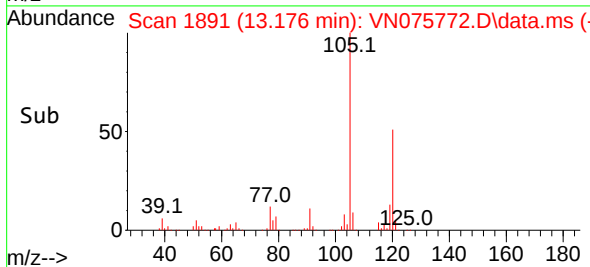
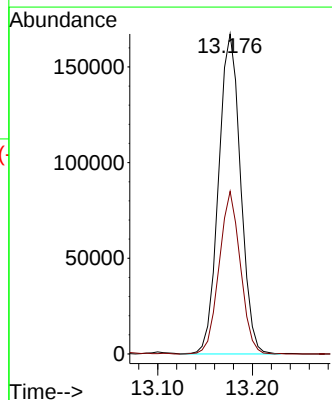
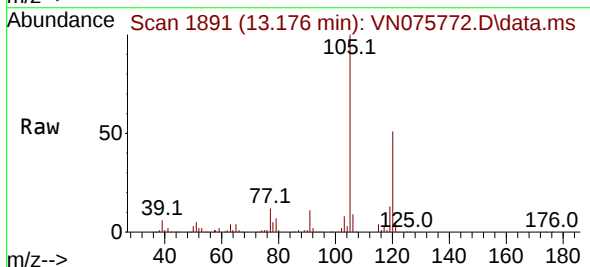
Manual Integrations
APPROVED

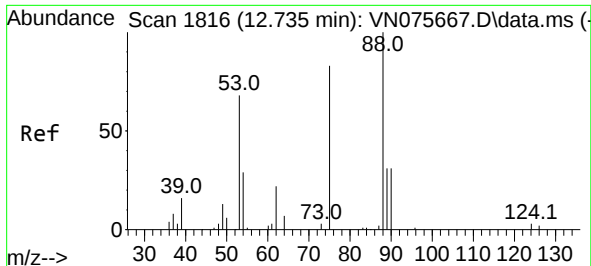
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.837 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

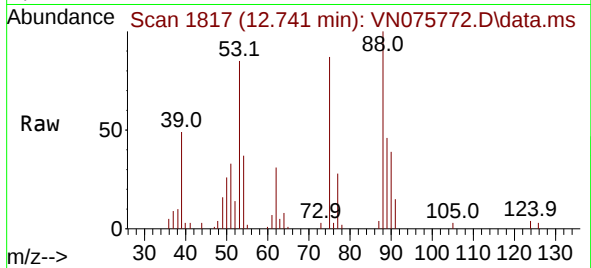
Tgt Ion:105 Resp: 269826
Ion Ratio Lower Upper
105 100
120 49.0 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 19.753 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

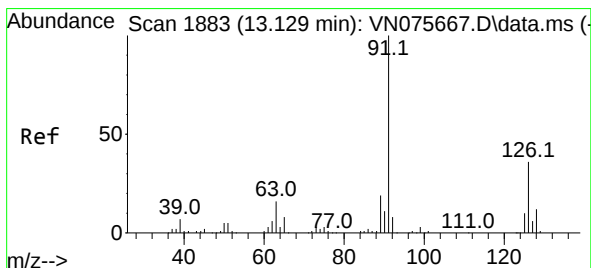
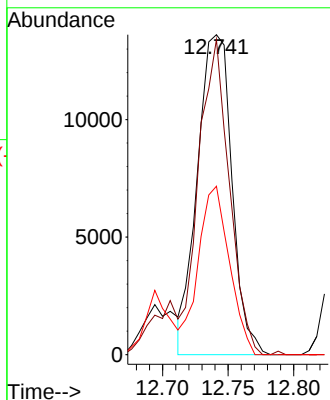
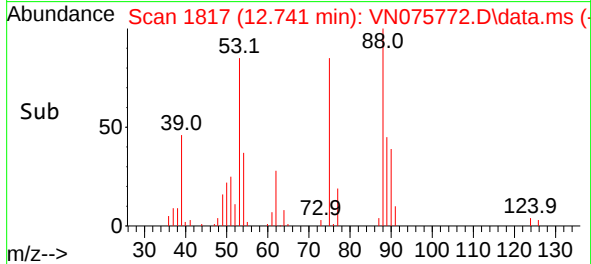
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



Tgt Ion: 75 Resp: 24878
Ion Ratio Lower Upper
75 100
53 100.5 73.8 110.6
89 47.9 39.5 59.3

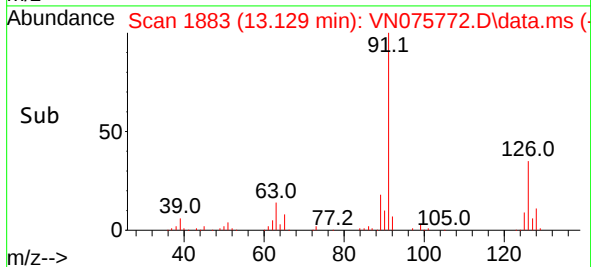
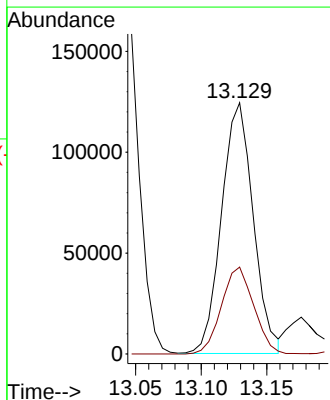
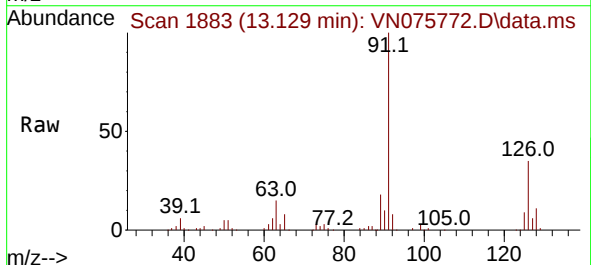
Manual Integrations
APPROVED

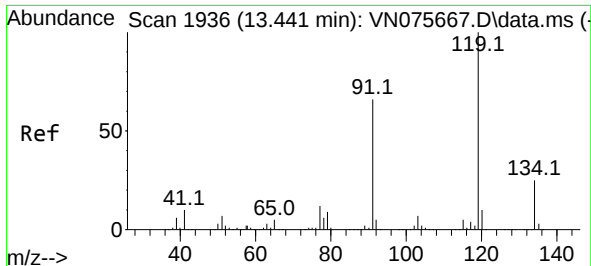
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#82
4-Chlorotoluene
Concen: 18.711 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

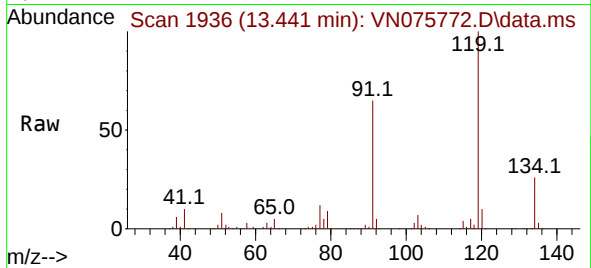
Tgt Ion: 91 Resp: 209361
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





#83
tert-Butylbenzene
Concen: 19.582 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

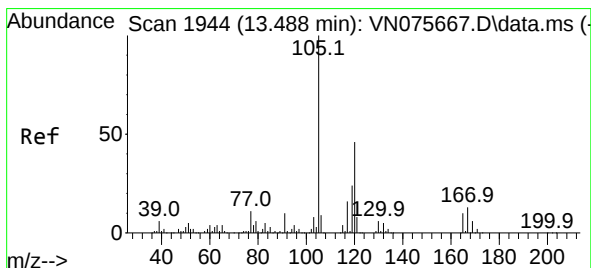
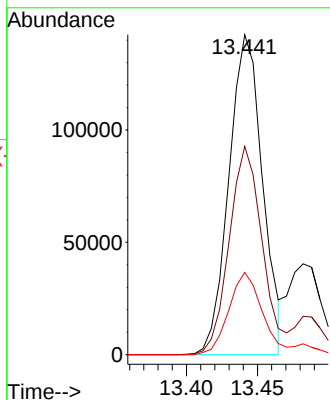
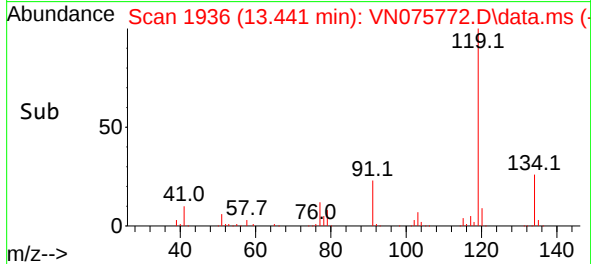
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



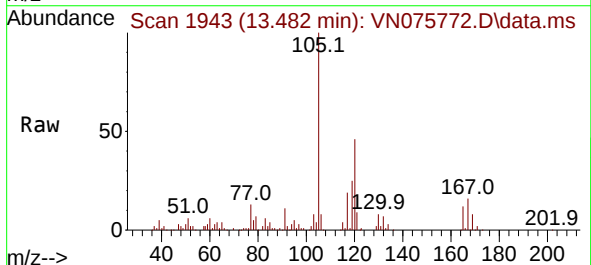
Tgt Ion:119 Resp: 23484
Ion Ratio Lower Upper
119 100
91 64.1 31.9 95.5
134 25.8 13.8 41.4

Manual Integrations
APPROVED

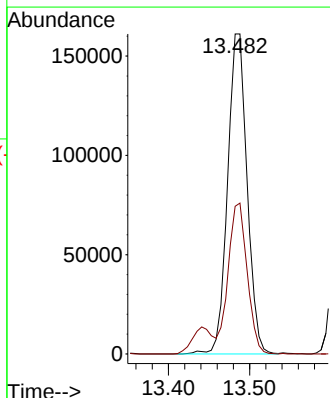
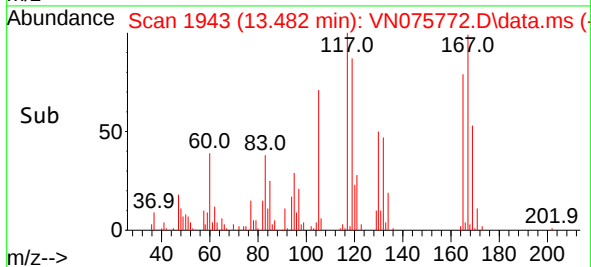
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

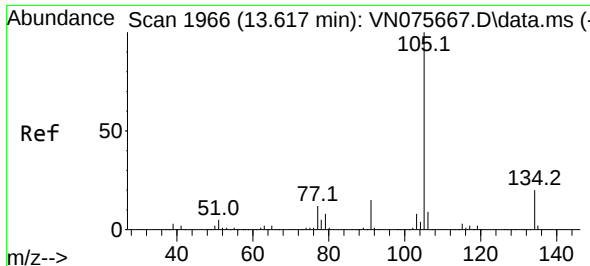


#84
1,2,4-Trimethylbenzene
Concen: 19.882 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion:105 Resp: 268283
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8





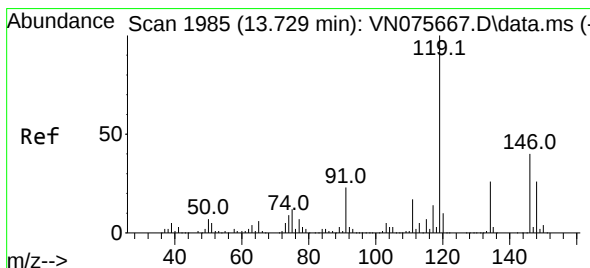
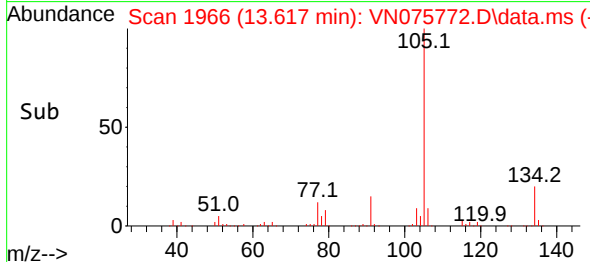
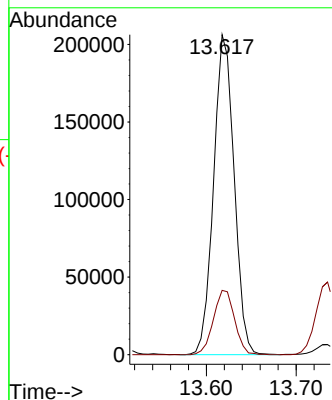
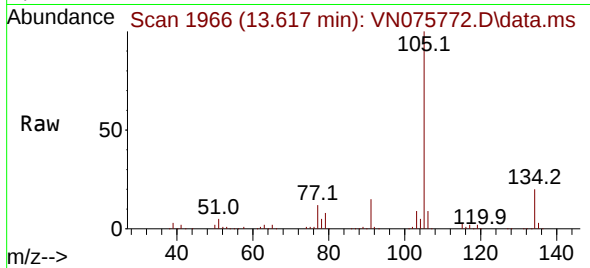
#85
 sec-Butylbenzene
 Concen: 19.796 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075772.D
 Acq: 14 Dec 2022 16:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Tgt Ion:105 Resp: 32767
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.1 30.1

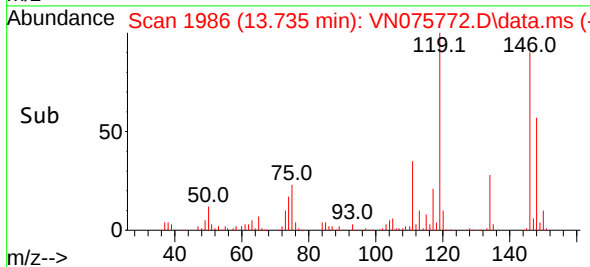
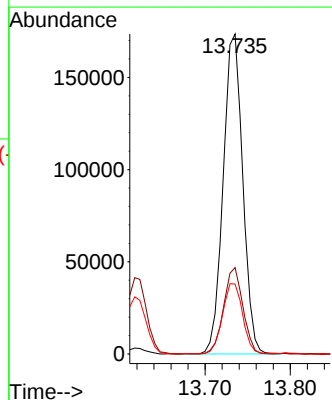
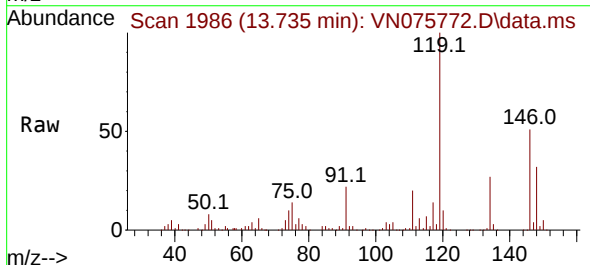
Manual Integrations
 APPROVED

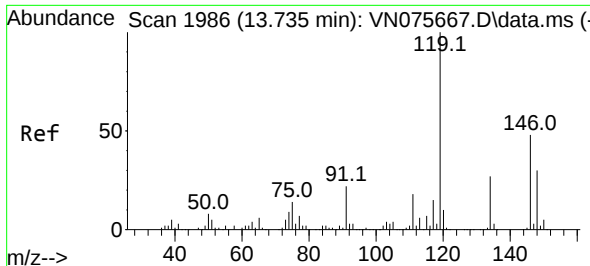
Reviewed By :John Carlone 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022



#86
 p-Isopropyltoluene
 Concen: 20.144 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075772.D
 Acq: 14 Dec 2022 16:03

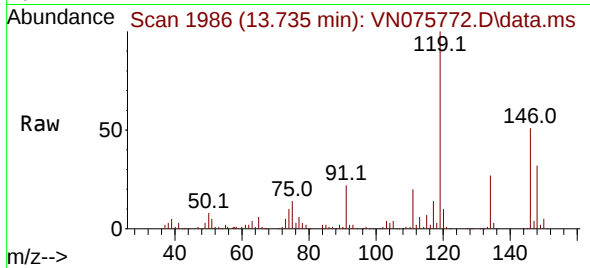
Tgt Ion:119 Resp: 277451
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.0 39.0
 91 22.7 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 19.067 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

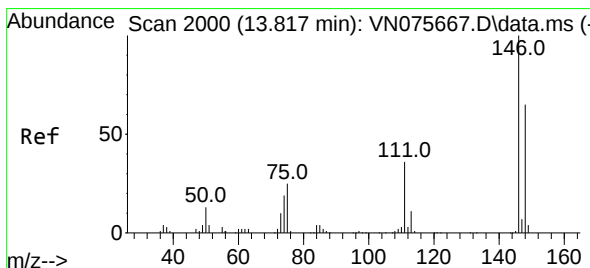
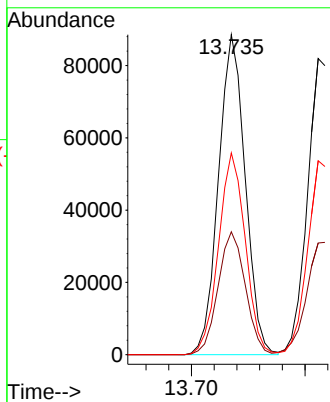
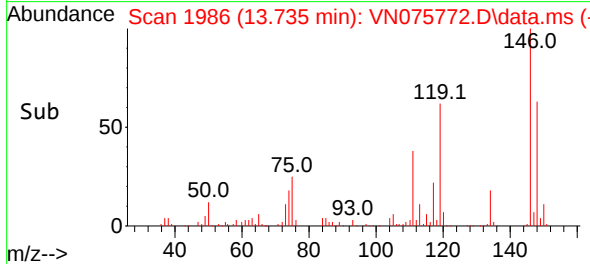
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



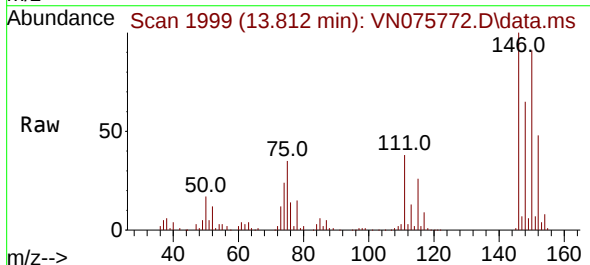
Tgt Ion:146 Resp: 14486
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 63.2 31.4 94.2

Manual Integrations
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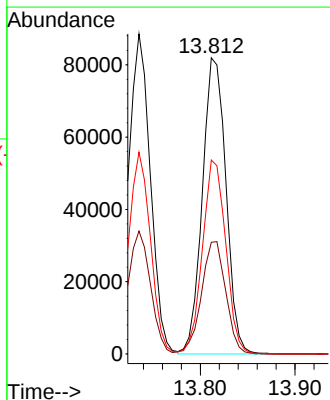
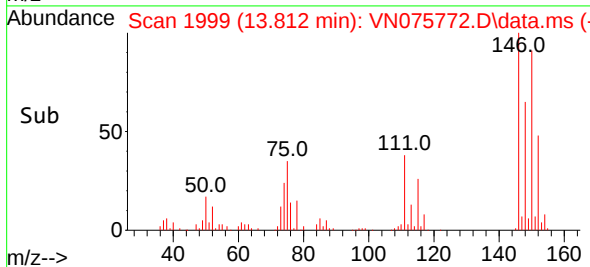
Reviewed By :John Carbone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022

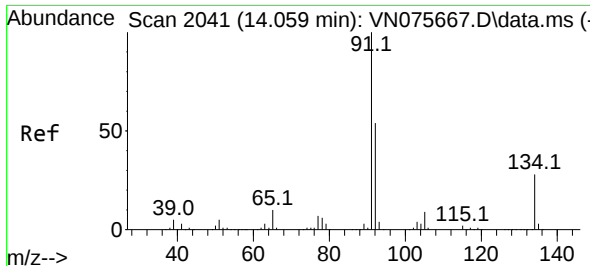


#88
1,4-Dichlorobenzene
Concen: 18.262 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion:146 Resp: 141737
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.1
148 64.7 32.0 96.2





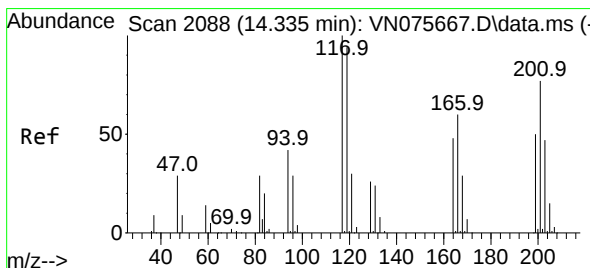
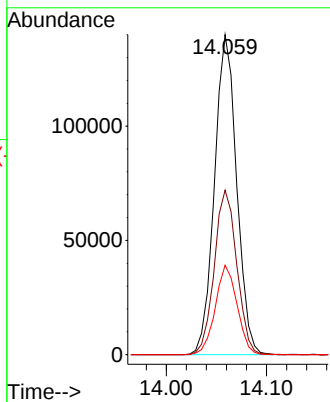
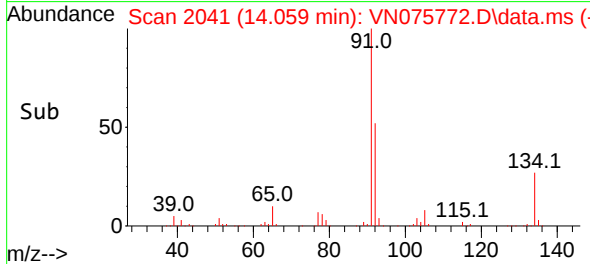
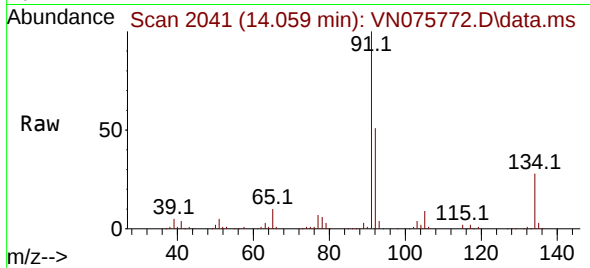
#89
n-Butylbenzene
Concen: 19.272 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01

Tgt Ion: 91 Resp: 21504
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 27.5 13.4 40.2

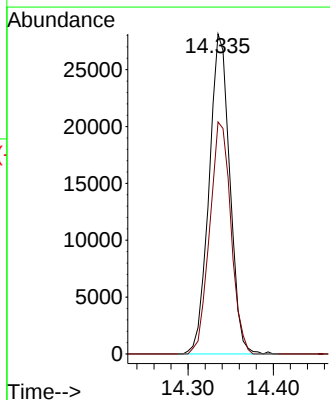
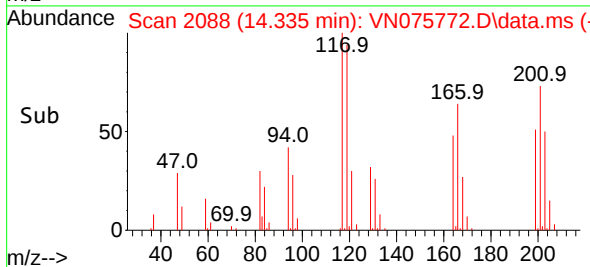
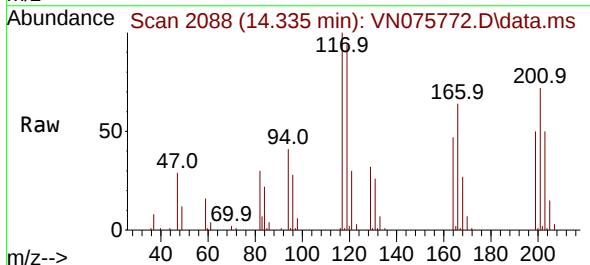
Manual Integrations
APPROVED

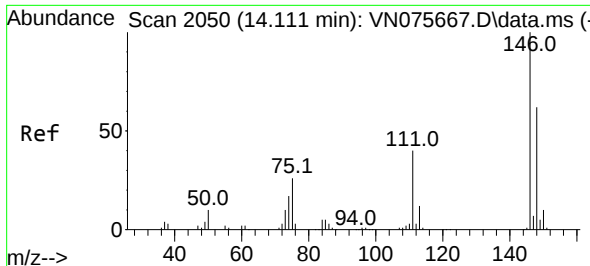
Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#90
Hexachloroethane
Concen: 19.296 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

Tgt Ion:117 Resp: 47541
Ion Ratio Lower Upper
117 100
201 74.2 38.0 114.1





#91

1,2-Dichlorobenzene

Concen: 19.282 ug/l

RT: 14.112 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

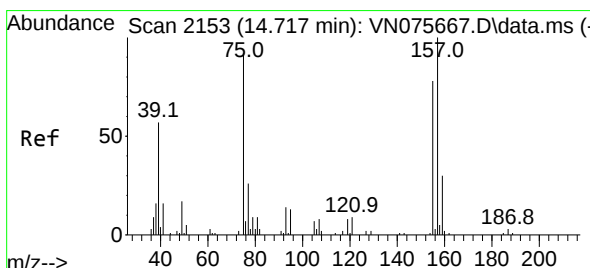
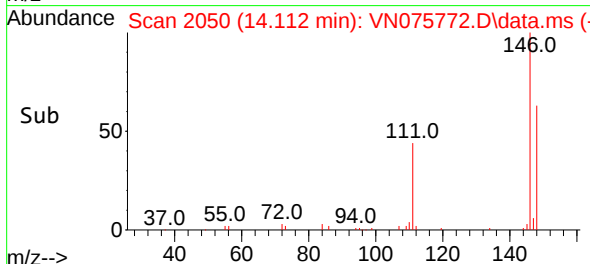
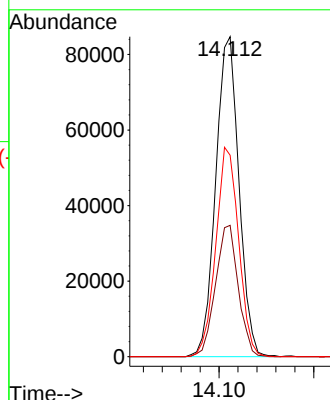
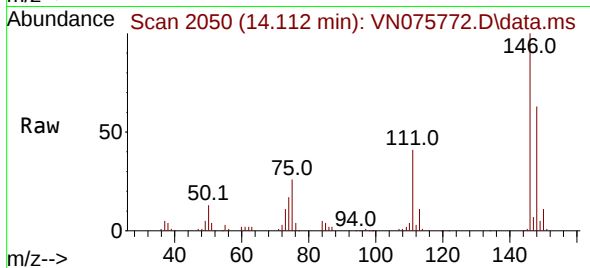
Tgt Ion:146 Resp: 144290
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 61.0
 148 64.4 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.970 ug/l

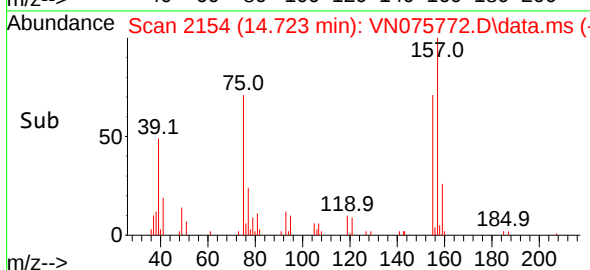
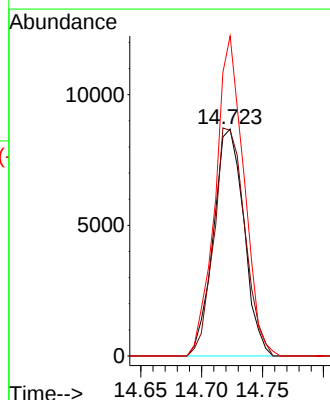
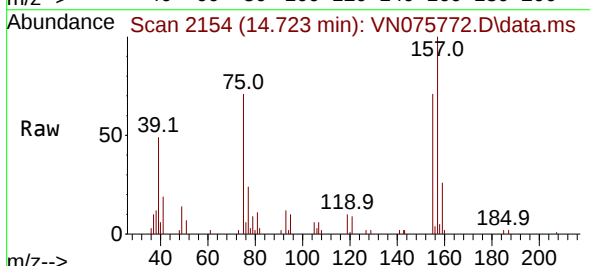
RT: 14.723 min Scan# 2154

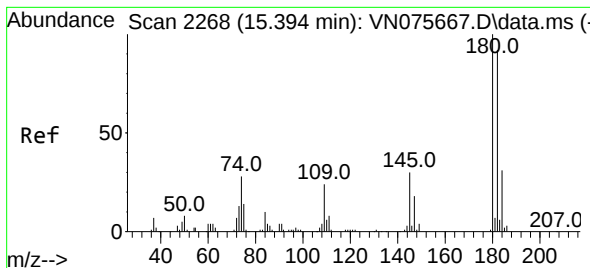
Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Tgt Ion: 75 Resp: 15129
 Ion Ratio Lower Upper
 75 100
 155 101.5 49.3 147.8
 157 131.7 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.754 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

Instrument :

MSVOA_N

ClientSampleId :

VN1214WBS01

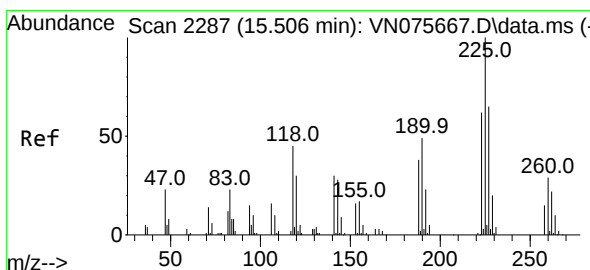
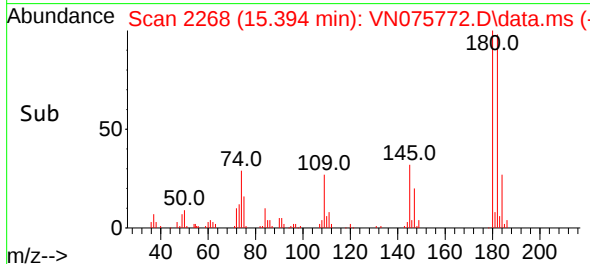
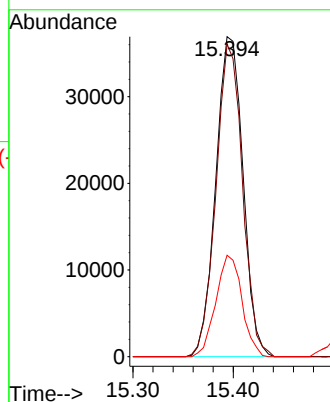
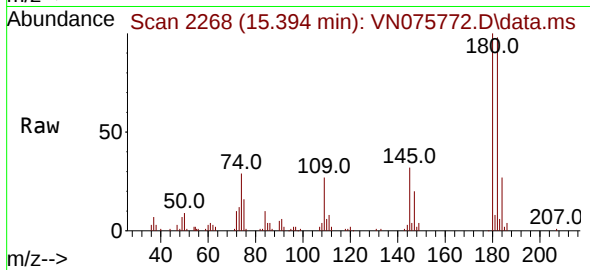
Tgt Ion:	180	Resp:	6948
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	30.4	15.3	45.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2022

Supervised By :Mahesh Dadoda 12/15/2022



#94

Hexachlorobutadiene

Concen: 18.706 ug/l

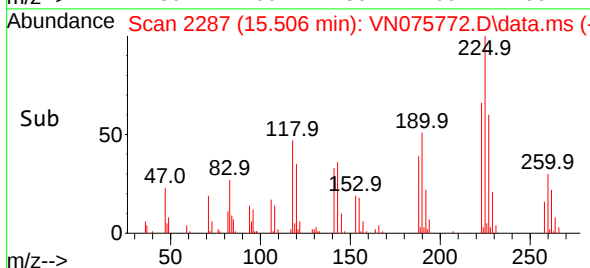
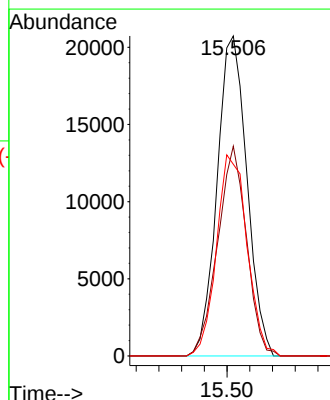
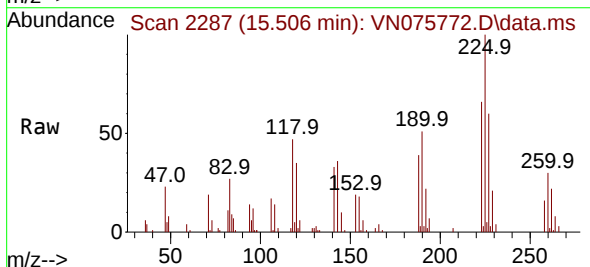
RT: 15.506 min Scan# 2287

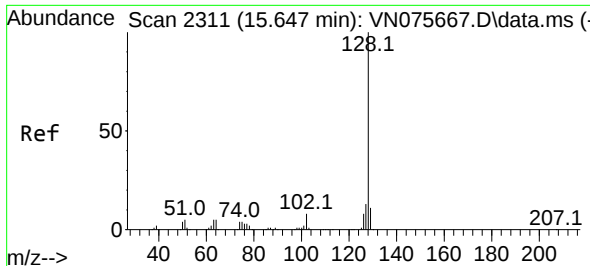
Delta R.T. 0.000 min

Lab File: VN075772.D

Acq: 14 Dec 2022 16:03

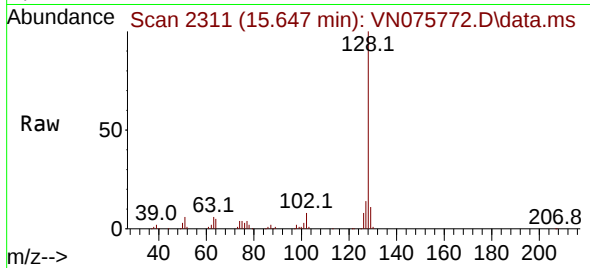
Tgt Ion:	225	Resp:	37812
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.5	94.5
227	64.4	31.6	95.0





#95
Naphthalene
Concen: 17.590 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03

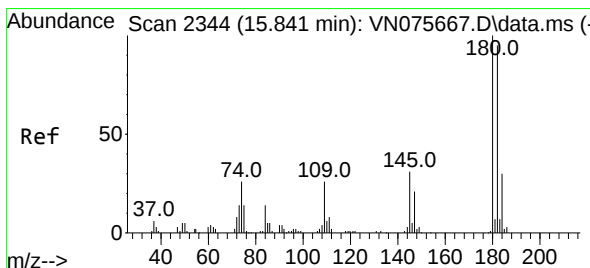
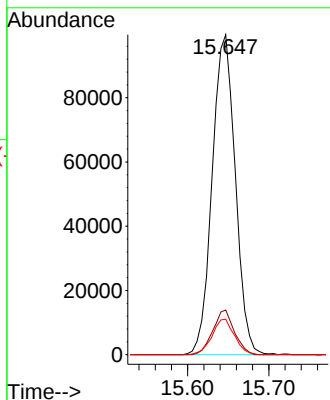
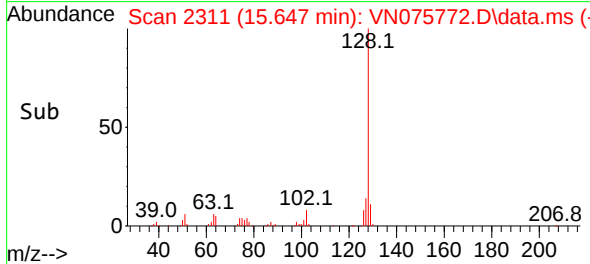
Instrument :
MSVOA_N
ClientSampleId :
VN1214WBS01



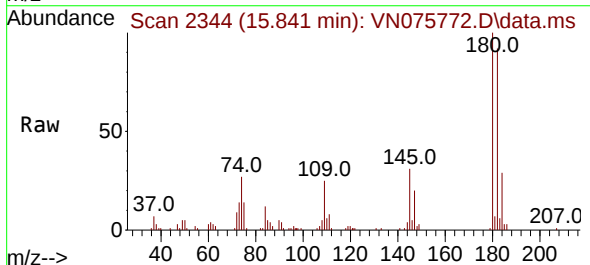
Tgt Ion:128 Resp: 197230
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2022
Supervised By :Mahesh Dadoda 12/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.640 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075772.D
Acq: 14 Dec 2022 16:03



Tgt Ion:180 Resp: 64547
Ion Ratio Lower Upper
180 100
182 96.8 47.0 141.0
145 33.3 16.0 47.9

