

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075667.D
 Acq On : 09 Dec 2022 14:09
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Dec 09 14:28:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 09 13:25:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	218338	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	347842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	317936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	167023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118742	101.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 202.640%#			
35) Dibromofluoromethane	8.171	113	108364	79.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 158.600%#			
50) Toluene-d8	10.571	98	418342	135.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 271.860%#			
62) 4-Bromofluorobenzene	12.853	95	143962	63.375	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.740%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	79589	47.671	ug/l	98
3) Chloromethane	2.371	50	90415	43.523	ug/l	95
4) Vinyl Chloride	2.524	62	114946	43.904	ug/l	96
5) Bromomethane	2.942	94	97637	42.408	ug/l	92
6) Chloroethane	3.118	64	85805	43.252	ug/l	96
7) Trichlorofluoromethane	3.500	101	169326	45.271	ug/l	98
8) Diethyl Ether	3.977	74	62873	47.961	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	99571	48.223	ug/l	92
10) Methyl Iodide	4.600	142	164575	49.188	ug/l	95
11) Tert butyl alcohol	5.536	59	86186	175.176	ug/l	99
12) 1,1-Dichloroethene	4.353	96	95650	47.306	ug/l	94
13) Acrolein	4.189	56	101399	236.577	ug/l	99
14) Allyl chloride	5.036	41	121601m	46.495	ug/l	
15) Acrylonitrile	5.730	53	226542	200.698	ug/l	98
16) Acetone	4.442	43	183376	167.743	ug/l	97
17) Carbon Disulfide	4.718	76	245368	46.695	ug/l	100
18) Methyl Acetate	5.036	43	117163	36.204	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	327700	45.751	ug/l	97
20) Methylene Chloride	5.283	84	110226	43.034	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	105977	45.991	ug/l	99
22) Diisopropyl ether	6.683	45	278246	46.621	ug/l	97
23) Vinyl Acetate	6.612	43	1080854m	227.636	ug/l	
24) 1,1-Dichloroethane	6.577	63	177380	46.302	ug/l	97
25) 2-Butanone	7.488	43	282675	185.210	ug/l	99
26) 2,2-Dichloropropane	7.500	77	153388	43.082	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	128408	49.282	ug/l	91
28) Bromochloromethane	7.818	49	73445	47.231	ug/l	83
29) Tetrahydrofuran	7.847	42	185469	199.781	ug/l	97
30) Chloroform	7.971	83	200514	45.579	ug/l	99
31) Cyclohexane	8.259	56	165579	44.467	ug/l	95
32) 1,1,1-Trichloroethane	8.171	97	187420	46.920	ug/l	97
36) 1,1-Dichloropropene	8.377	75	146634	49.208	ug/l	97
37) Ethyl Acetate	7.571	43	114850	42.804	ug/l	98
38) Carbon Tetrachloride	8.365	117	167638	51.211	ug/l	99
39) Methylcyclohexane	9.606	83	194305	52.100	ug/l	97
40) Benzene	8.612	78	443617	48.623	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	61102	44.542	ug/l	95
42) 1,2-Dichloroethane	8.677	62	147771	48.361	ug/l	95
43) Isopropyl Acetate	8.694	43	202822	47.093	ug/l	97
44) Trichloroethene	9.353	130	124577	49.902	ug/l	89
45) 1,2-Dichloropropane	9.624	63	104752	48.180	ug/l	98
46) Dibromomethane	9.712	93	80187	48.761	ug/l #	89
47) Bromodichloromethane	9.894	83	160933	50.534	ug/l	94
48) Methyl methacrylate	9.682	41	92322	46.359	ug/l	96
49) 1,4-Dioxane	9.694	88	44677	790.067	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	609888	222.335	ug/l	97
52) Toluene	10.629	92	302313	51.420	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	168824	52.805	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	181365	52.230	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	117317	48.993	ug/l	97
56) Ethyl methacrylate	10.876	69	168331	52.053	ug/l	98
57) 1,3-Dichloropropane	11.165	76	187982	48.145	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	256565	219.982	ug/l	96
59) 2-Hexanone	11.200	43	449573	218.260	ug/l	97
60) Dibromochloromethane	11.359	129	132856	54.052	ug/l	100
61) 1,2-Dibromoethane	11.470	107	122475	49.278	ug/l	100
64) Tetrachloroethene	11.106	164	111111	45.764	ug/l	90
65) Chlorobenzene	11.894	112	330660	50.360	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	123906	50.563	ug/l	99
67) Ethyl Benzene	11.965	91	584775	52.204	ug/l	95
68) m/p-Xylenes	12.076	106	474362	104.280	ug/l	100
69) o-Xylene	12.400	106	233130	51.581	ug/l	97
70) Styrene	12.412	104	384418	53.916	ug/l	98
71) Bromoform	12.582	173	101439	54.389	ug/l #	97
73) Isopropylbenzene	12.700	105	612931	50.229	ug/l	99
74) N-amyl acetate	12.494	43	185577	49.467	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	170359	45.792	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	164709m	52.157	ug/l	
77) Bromobenzene	12.982	156	148228	49.203	ug/l	84
78) n-propylbenzene	13.041	91	698904	51.321	ug/l	99
79) 2-Chlorotoluene	13.129	91	404590	49.309	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	527220	52.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50191	47.025	ug/l	94
82) 4-Chlorotoluene	13.129	91	404590	49.309	ug/l	97
83) tert-Butylbenzene	13.441	119	463700	50.165	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	530904	52.207	ug/l	99
85) sec-Butylbenzene	13.617	105	667646	53.232	ug/l	100
86) p-Isopropyltoluene	13.729	119	569883	54.005	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	281545	49.325	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	283689	48.927	ug/l	98
89) n-Butylbenzene	14.059	91	461071	51.733	ug/l	98
90) Hexachloroethane	14.335	117	95735	52.589	ug/l	80
91) 1,2-Dichlorobenzene	14.111	146	279380	50.214	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31567	44.793	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	149444	52.414	ug/l	98
94) Hexachlorobutadiene	15.506	225	80153	53.970	ug/l	98
95) Naphthalene	15.647	128	431953	48.156	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	143738	51.292	ug/l	97

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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

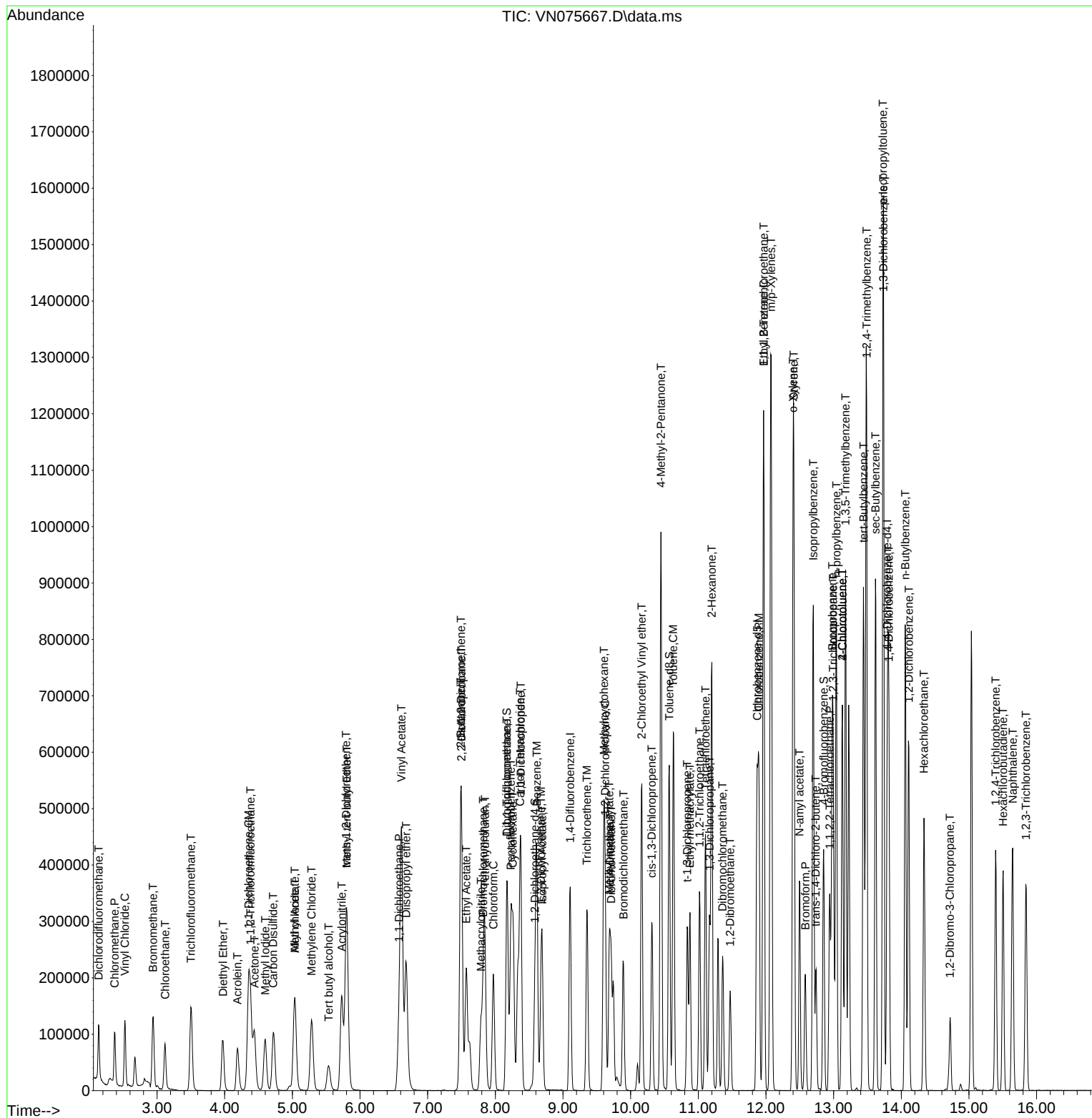
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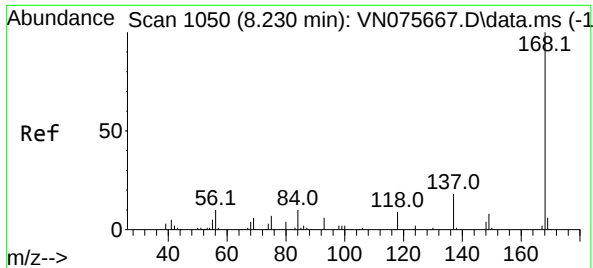
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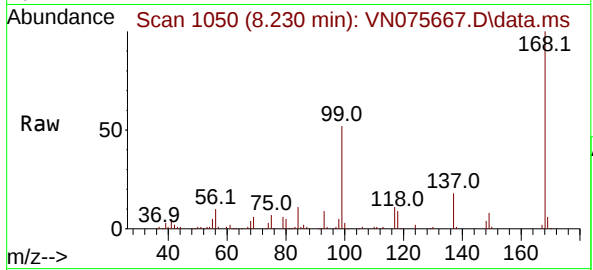
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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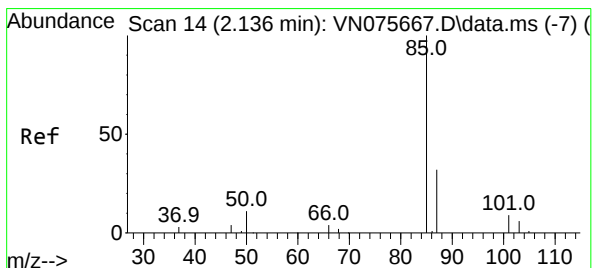
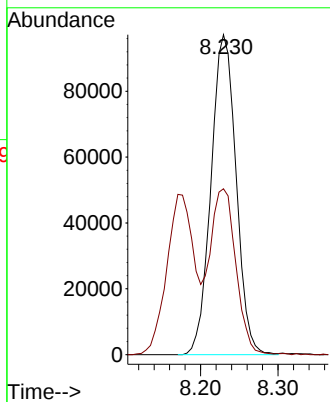
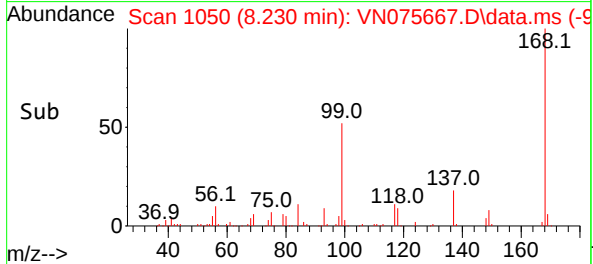
Instrument :
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VSTDICCC050



Tgt Ion:168 Resp: 218338
Ion Ratio Lower Upper
168 100
99 51.5 51.6 77.4

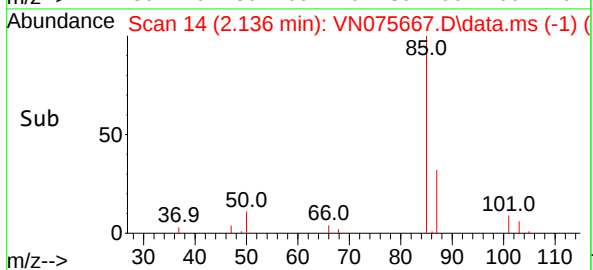
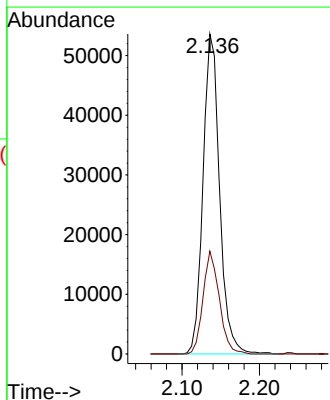
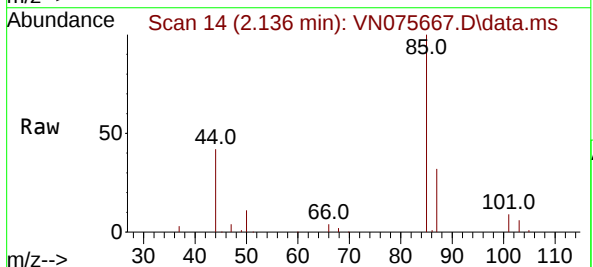
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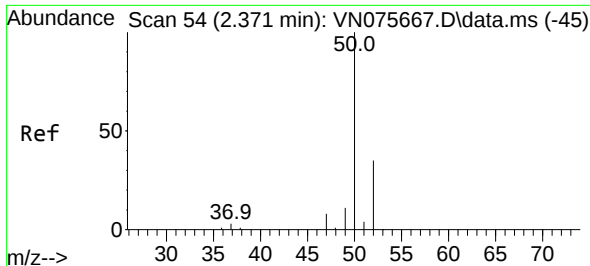
Reviewed By :John Carlone 12/12/2022
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#2
Dichlorodifluoromethane
Concen: 47.671 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 85 Resp: 79589
Ion Ratio Lower Upper
85 100
87 32.1 16.7 50.0





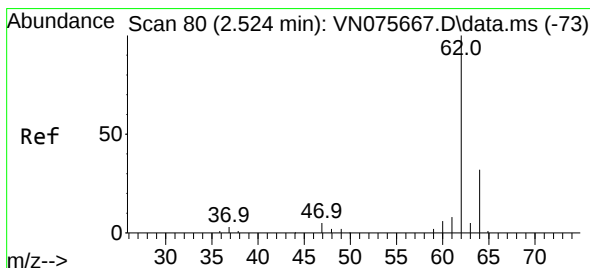
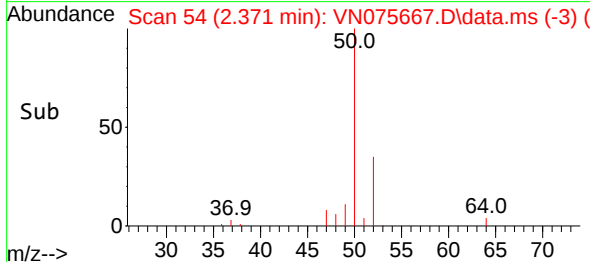
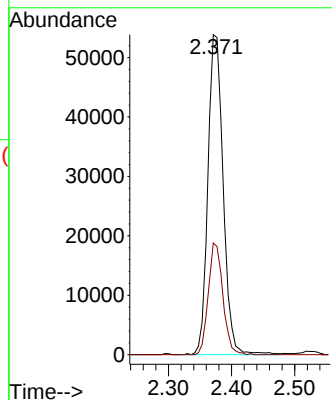
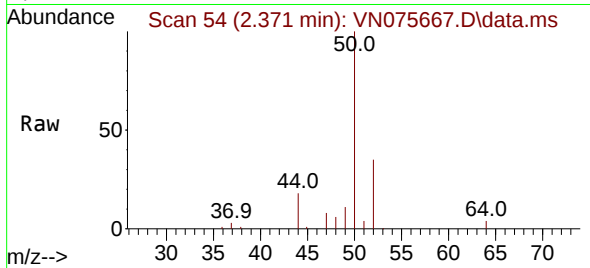
#3
Chloromethane
Concen: 43.523 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 50 Resp: 90415
Ion Ratio Lower Upper
50 100
52 34.9 25.8 38.6

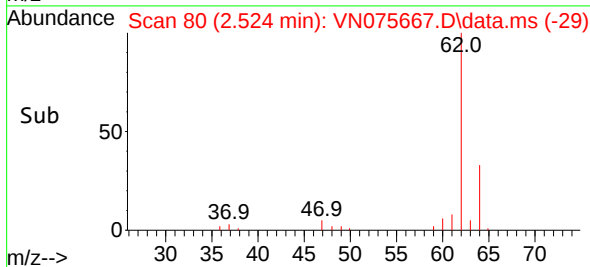
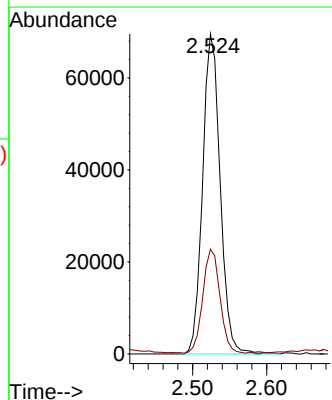
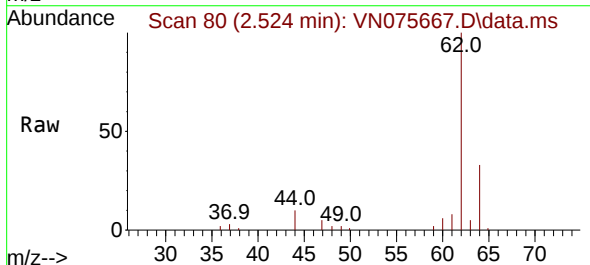
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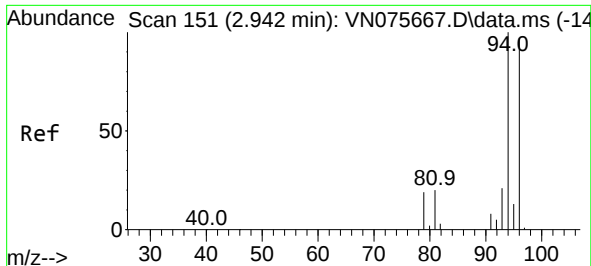
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#4
Vinyl Chloride
Concen: 43.904 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075667.D
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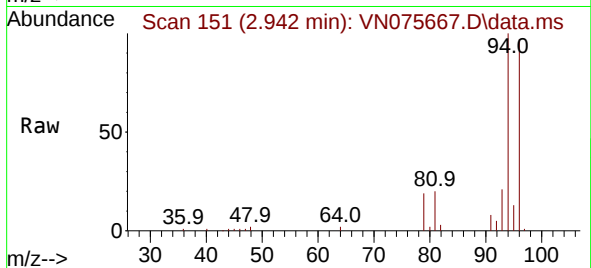
Tgt Ion: 62 Resp: 114946
Ion Ratio Lower Upper
62 100
64 32.4 24.0 36.0





#5
Bromomethane
Concen: 42.408 ug/l
RT: 2.942 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN075667.D
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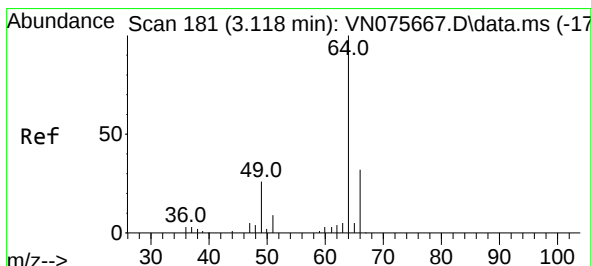
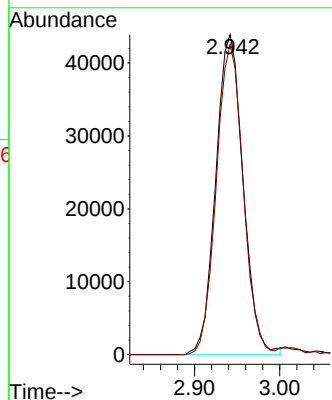
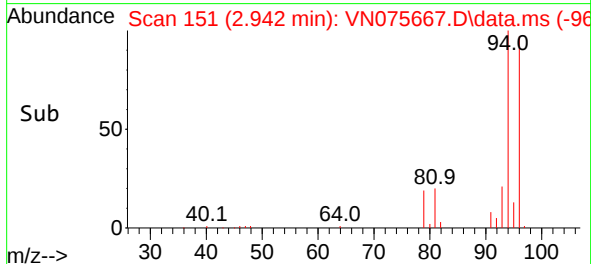
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Tgt Ion: 94 Resp: 9763
Ion Ratio Lower Upper
94 100
96 97.0 71.8 107.6

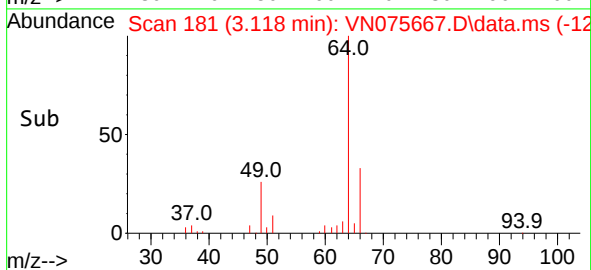
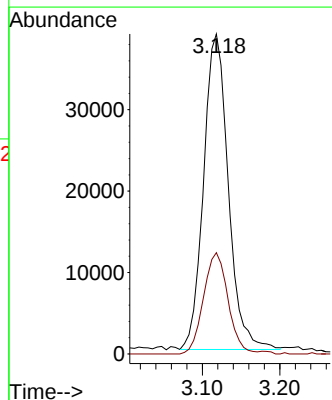
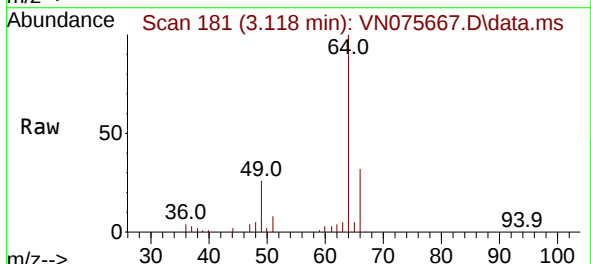
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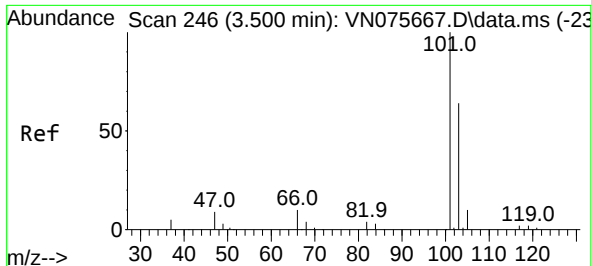
Reviewed By :John Carlone 12/12/2022
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#6
Chloroethane
Concen: 43.252 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.011 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

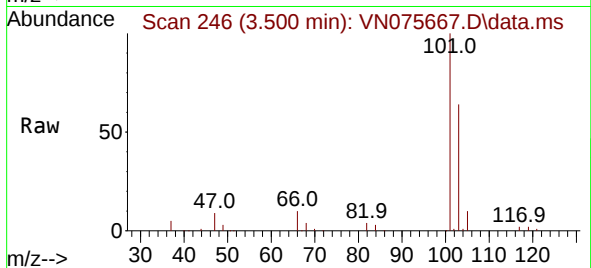
Tgt Ion: 64 Resp: 85805
Ion Ratio Lower Upper
64 100
66 32.1 23.8 35.8





#7
Trichlorofluoromethane
Concen: 45.271 ug/l
RT: 3.500 min Scan# 246
Delta R.T. -0.001 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

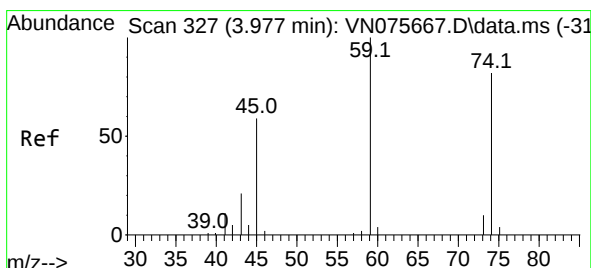
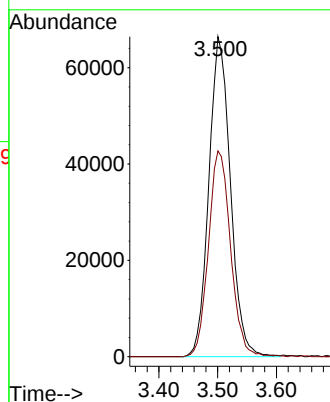
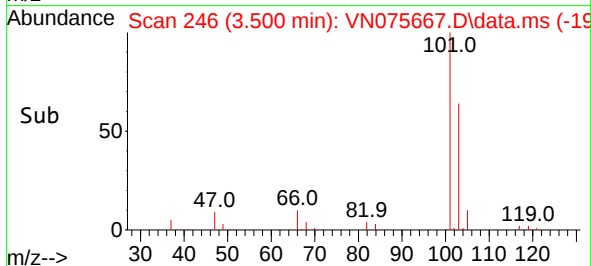
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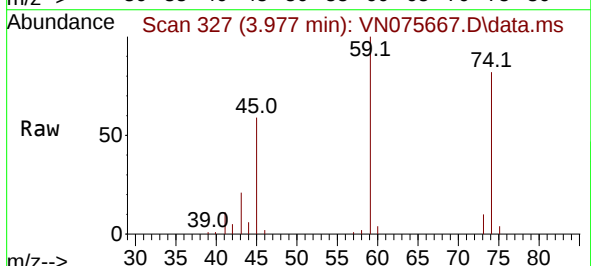
Tgt Ion:101 Resp: 169320
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7

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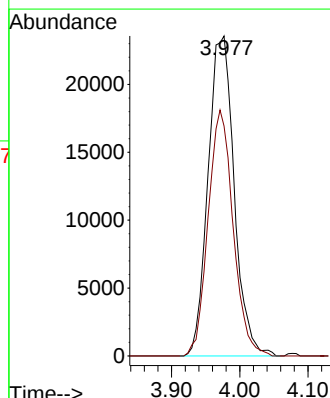
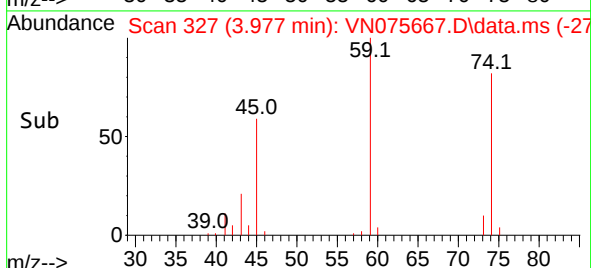
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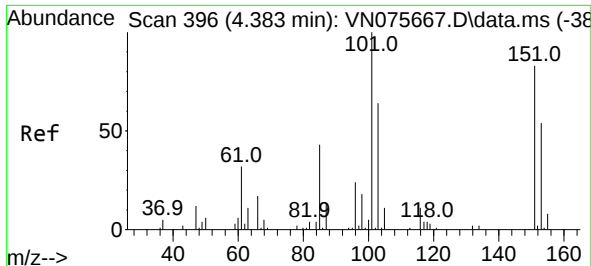


#8
Diethyl Ether
Concen: 47.961 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



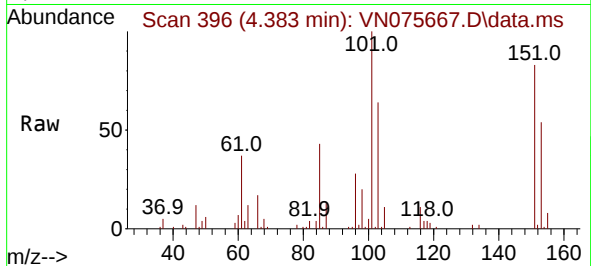
Tgt Ion: 74 Resp: 62873
Ion Ratio Lower Upper
74 100
45 73.6 39.3 117.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.223 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

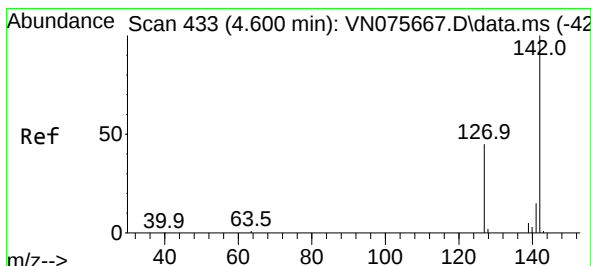
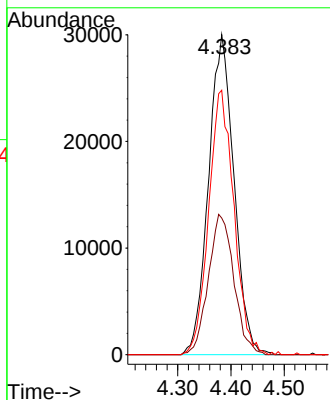
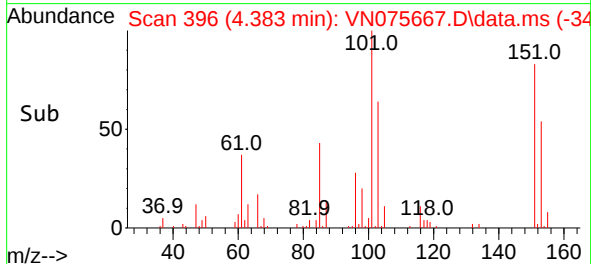
Instrument :
MSVOA_N
Client Sample Id :
VSTDICCC050



Tgt Ion:101 Resp: 9957
Ion Ratio Lower Upper
101 100
85 44.1 37.6 56.4
151 82.0 58.3 87.5

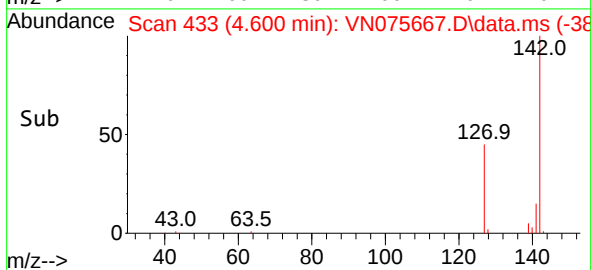
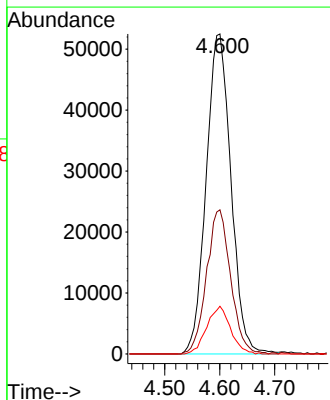
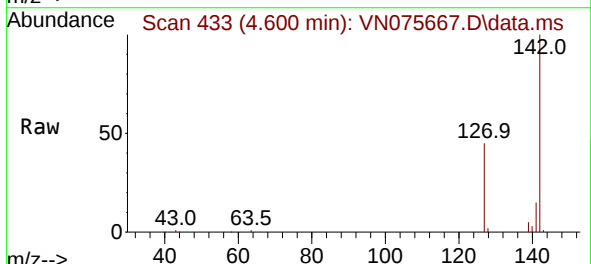
Manual Integrations
APPROVED

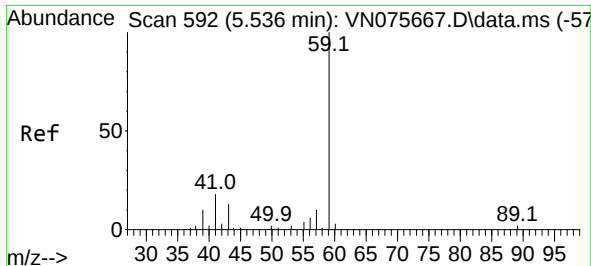
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 49.188 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:142 Resp: 164575
Ion Ratio Lower Upper
142 100
127 43.7 38.0 57.0
141 14.3 12.2 18.4





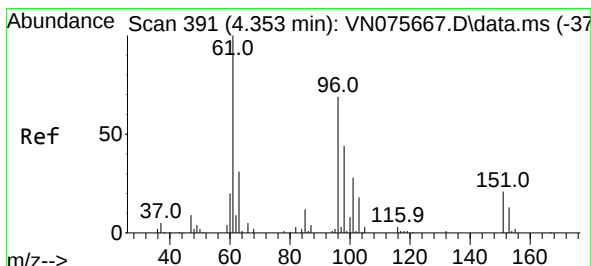
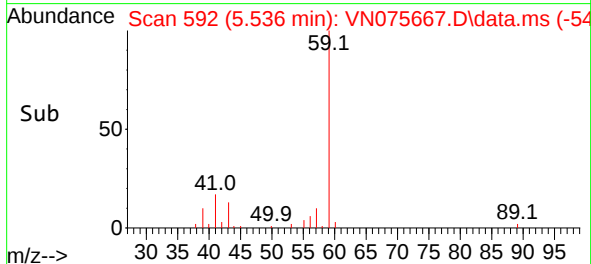
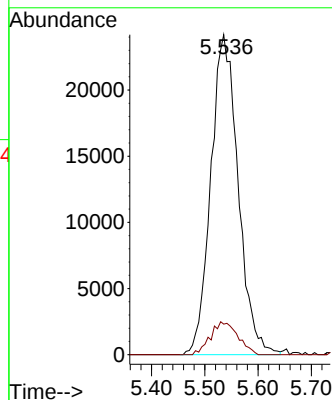
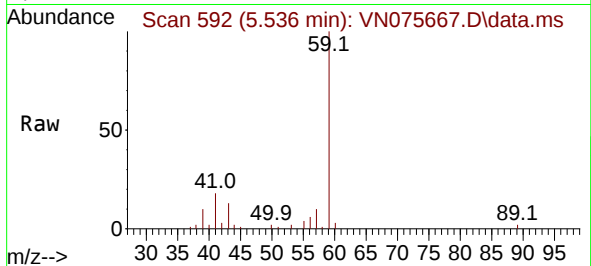
#11
Tert butyl alcohol
Concen: 175.176 ug/l
RT: 5.536 min Scan# 592
Delta R.T. -0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 59 Resp: 86180
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

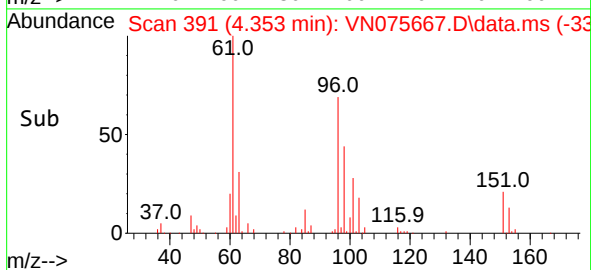
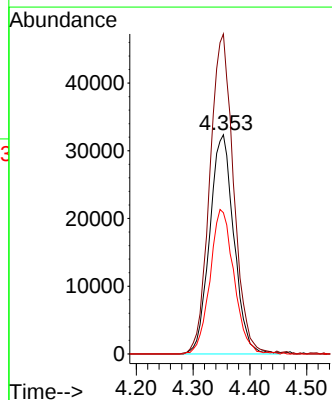
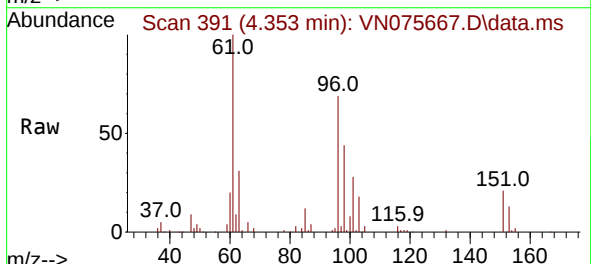
Manual Integrations
APPROVED

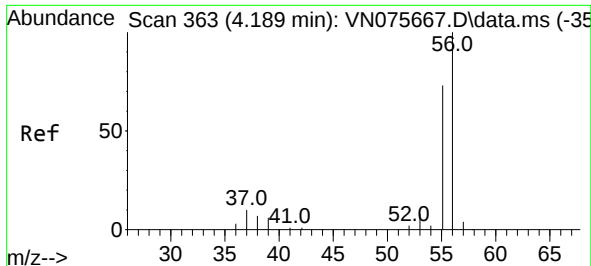
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#12
1,1-Dichloroethene
Concen: 47.306 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.011 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

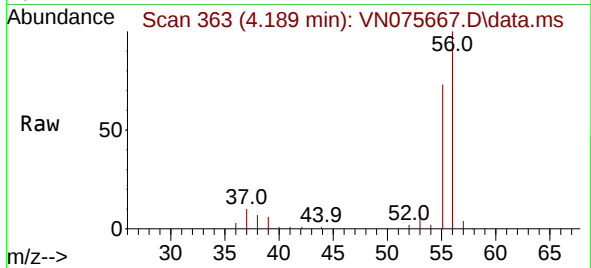
Tgt Ion: 96 Resp: 95650
Ion Ratio Lower Upper
96 100
61 146.0 126.2 189.4
98 64.5 51.5 77.3





#13
Acrolein
Concen: 236.577 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

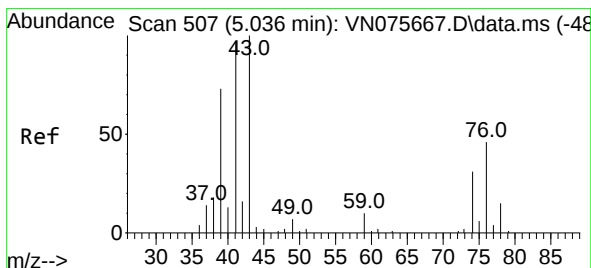
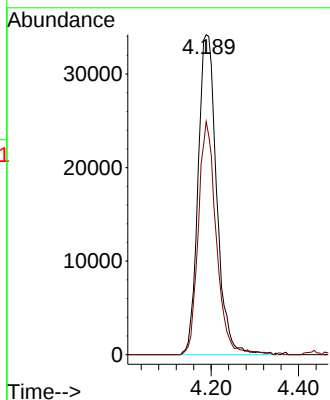
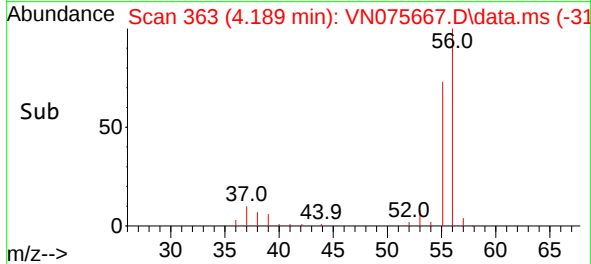
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



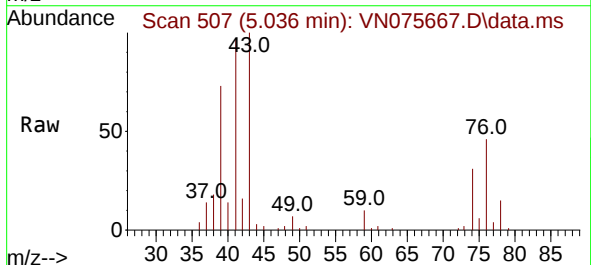
Tgt Ion: 56 Resp: 101399
Ion Ratio Lower Upper
56 100
55 69.6 55.2 82.8

Manual Integrations
APPROVED

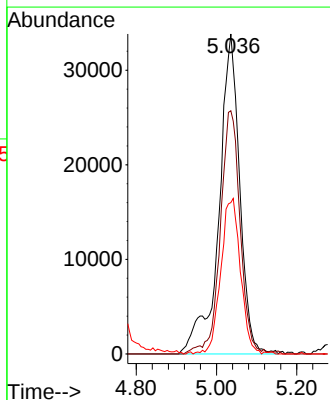
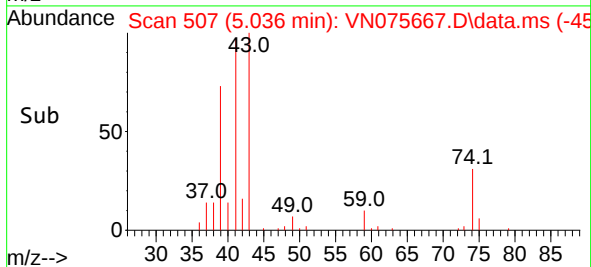
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

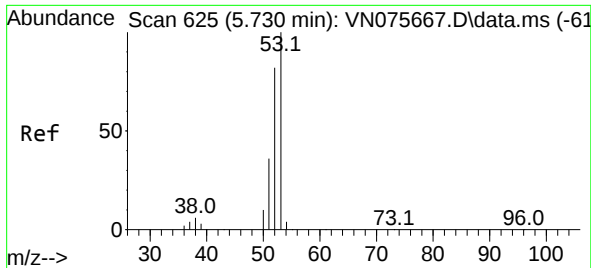


#14
Allyl chloride
Concen: 46.495 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



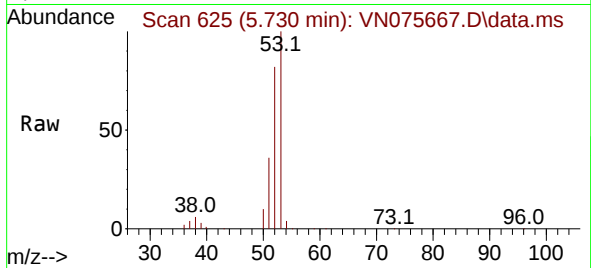
Tgt Ion: 41 Resp: 121601
Ion Ratio Lower Upper
41 100
39 72.4 61.0 91.4
76 45.9 33.4 50.0





#15
Acrylonitrile
Concen: 200.698 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

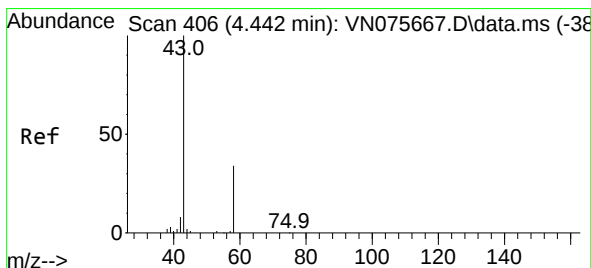
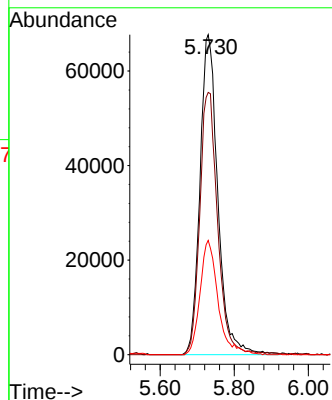
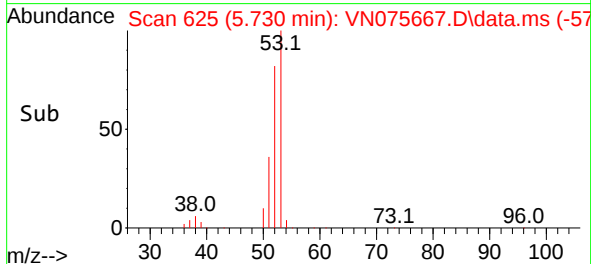
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 22654
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 36.1 29.6 44.4

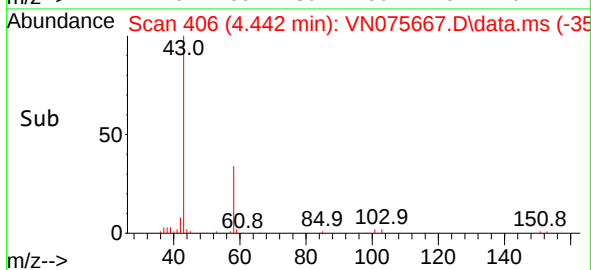
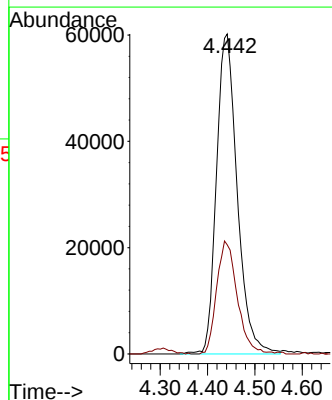
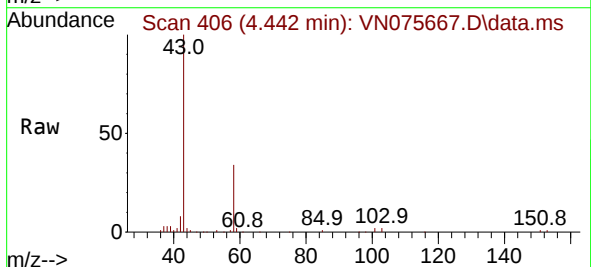
Manual Integrations
APPROVED

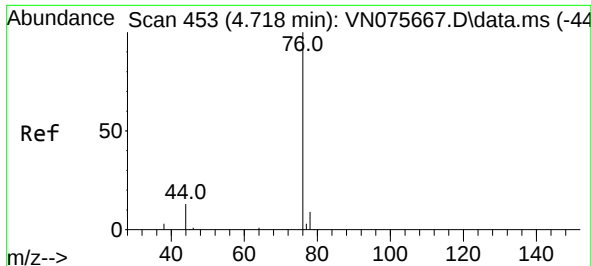
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#16
Acetone
Concen: 167.743 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

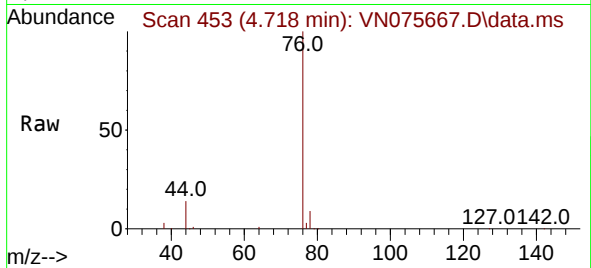
Tgt Ion: 43 Resp: 183376
Ion Ratio Lower Upper
43 100
58 33.7 25.5 38.3





#17
Carbon Disulfide
Concen: 46.695 ug/l
RT: 4.718 min Scan# 453
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

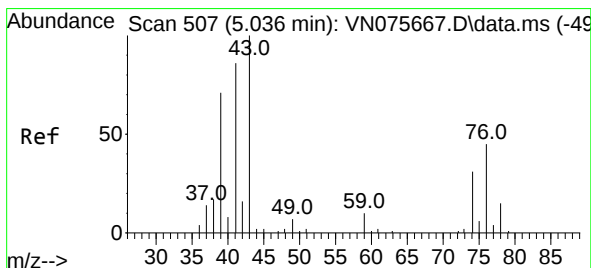
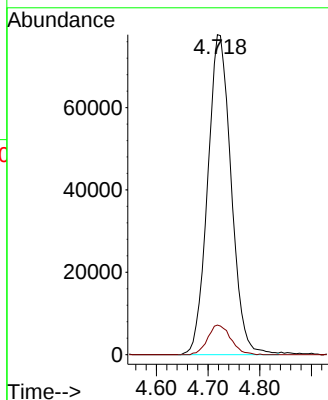
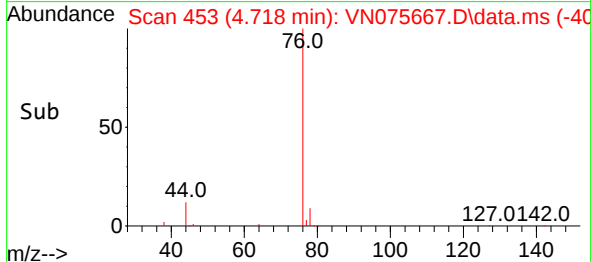
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 76 Resp: 245368
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

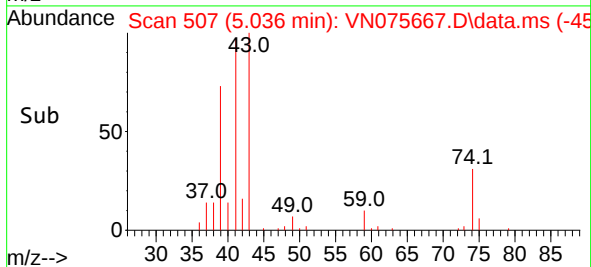
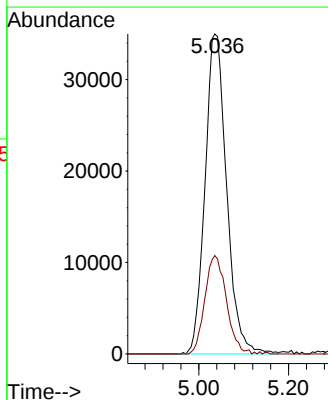
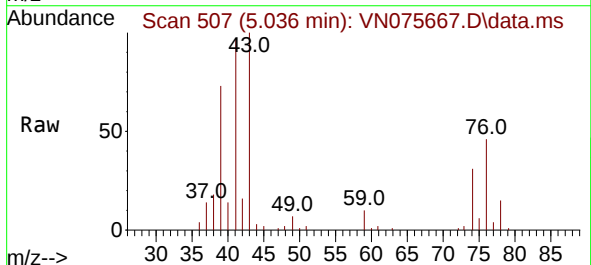
Manual Integrations
APPROVED

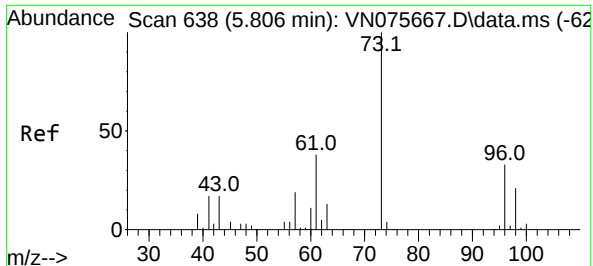
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#18
Methyl Acetate
Concen: 36.204 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 43 Resp: 117163
Ion Ratio Lower Upper
43 100
74 30.6 22.0 33.0





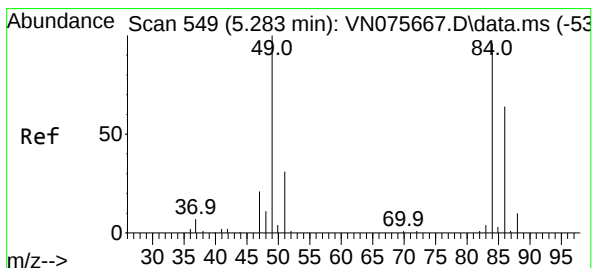
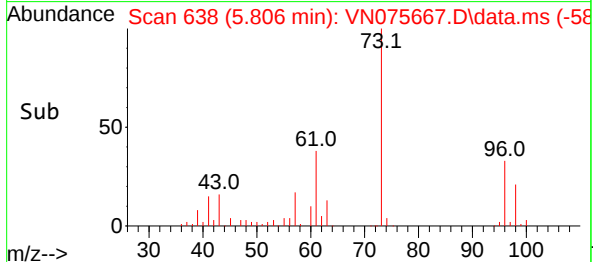
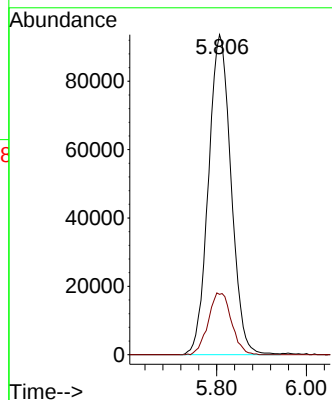
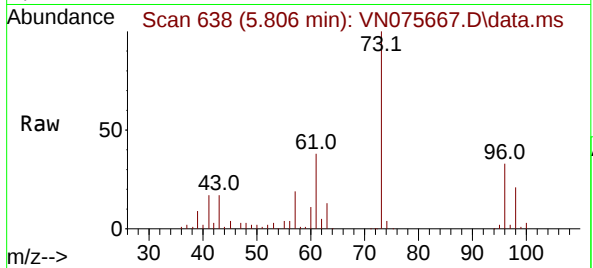
#19
Methyl tert-butyl Ether
Concen: 45.751 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 327700
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5

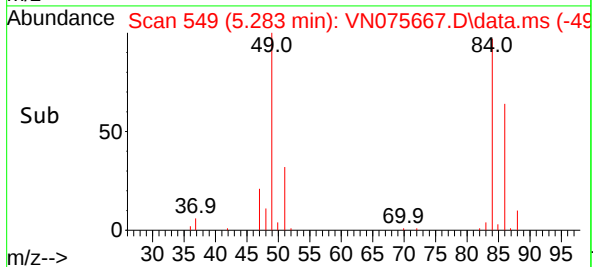
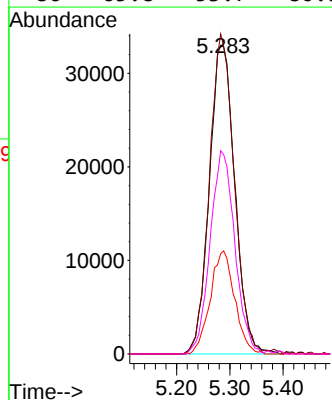
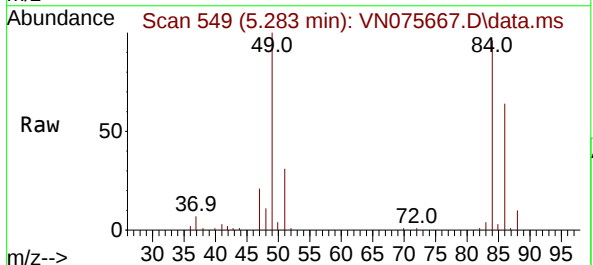
Manual Integrations
APPROVED

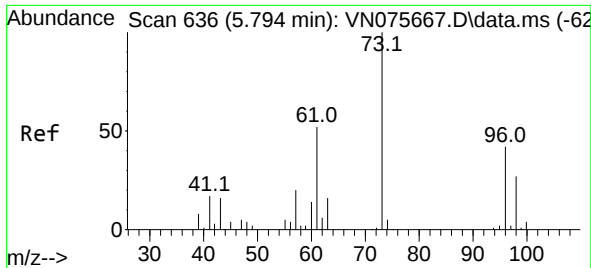
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 43.034 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

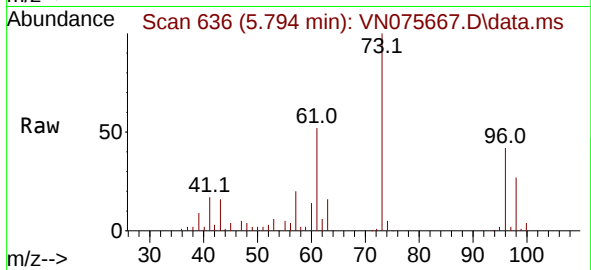
Tgt Ion: 84 Resp: 110226
Ion Ratio Lower Upper
84 100
49 103.7 94.9 142.3
51 32.5 26.8 40.2
86 65.8 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 45.991 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

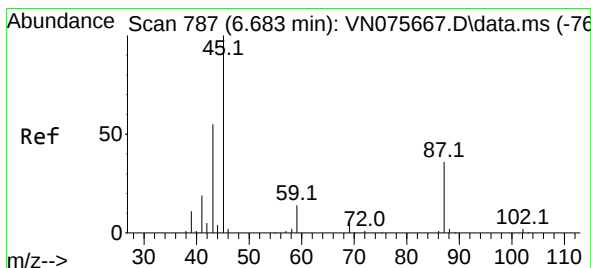
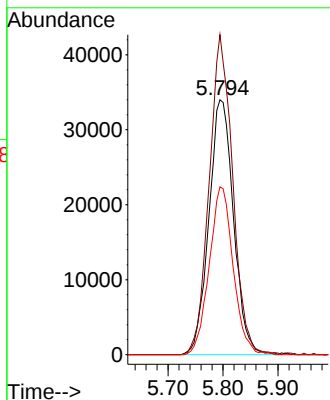
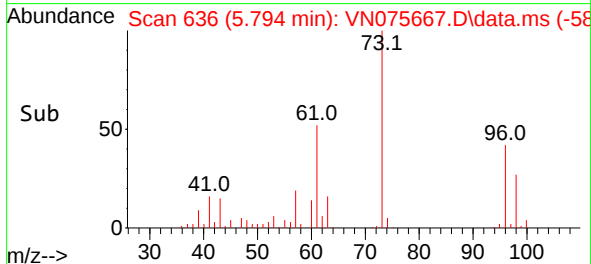
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



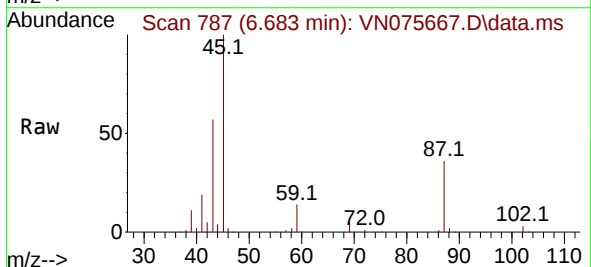
Tgt Ion: 96 Resp: 10597
Ion Ratio Lower Upper
96 100
61 125.6 99.9 149.9
98 65.9 51.5 77.3

Manual Integrations
APPROVED

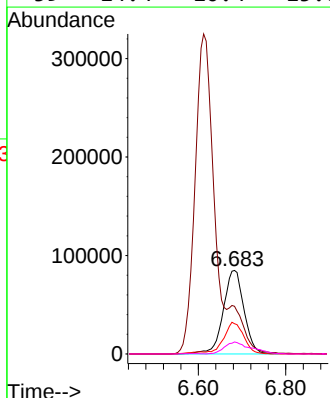
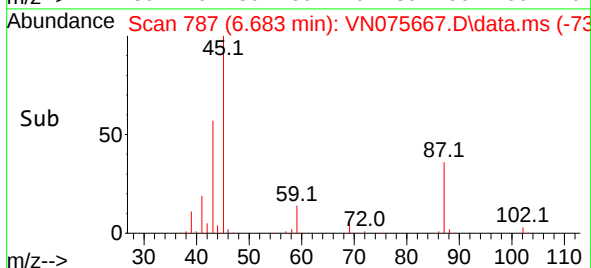
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

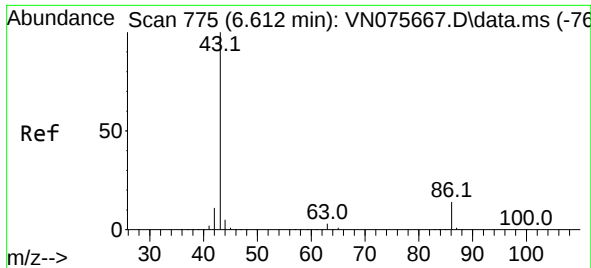


#22
Diisopropyl ether
Concen: 46.621 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion: 45 Resp: 278246
Ion Ratio Lower Upper
45 100
43 56.1 42.8 64.2
87 36.0 28.4 42.6
59 14.4 10.4 15.6





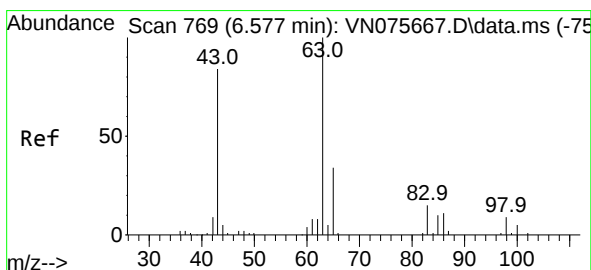
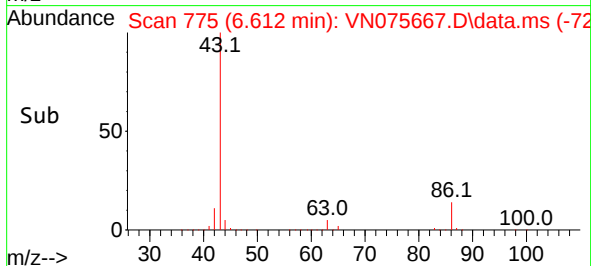
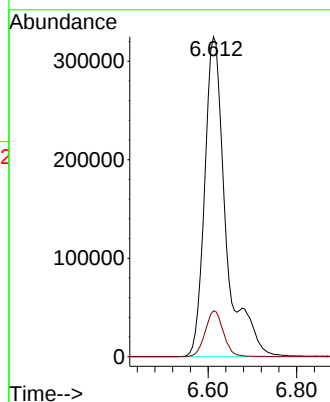
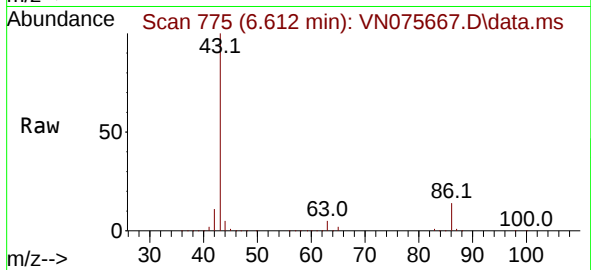
#23
 Vinyl Acetate
 Concen: 227.636 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 1080854
 Ion Ratio Lower Upper
 43 100
 86 14.4 10.7 16.1

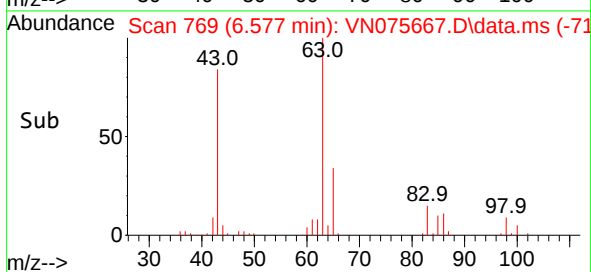
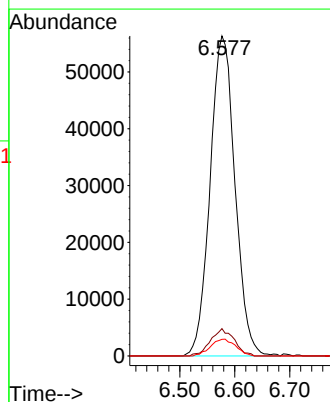
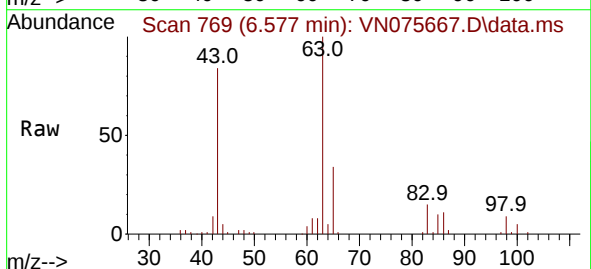
Manual Integrations
 APPROVED

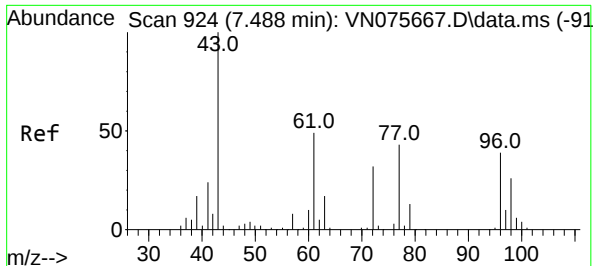
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#24
 1,1-Dichloroethane
 Concen: 46.302 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Tgt Ion: 63 Resp: 177380
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.8
 100 5.2 2.4 7.2





#25

2-Butanone

Concen: 185.210 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 28267

Ion Ratio Lower Upper

43 100

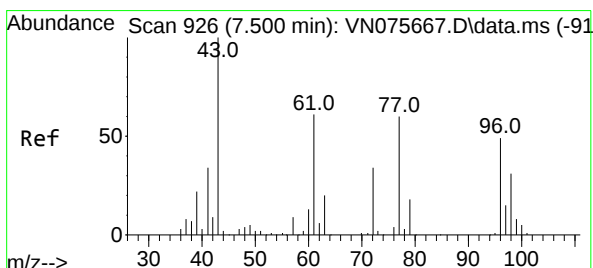
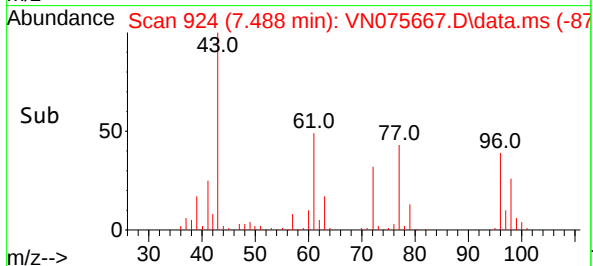
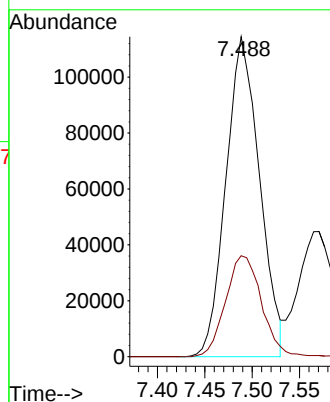
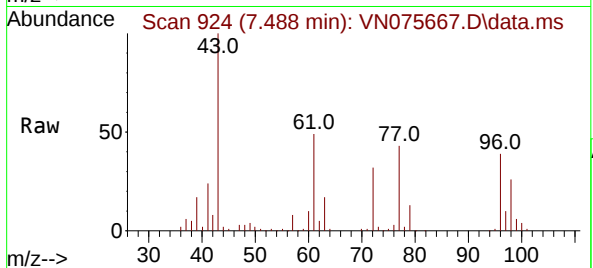
72 31.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 43.082 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075667.D

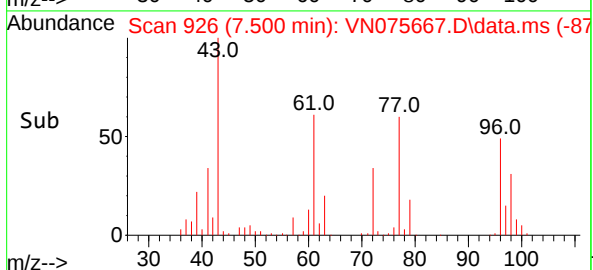
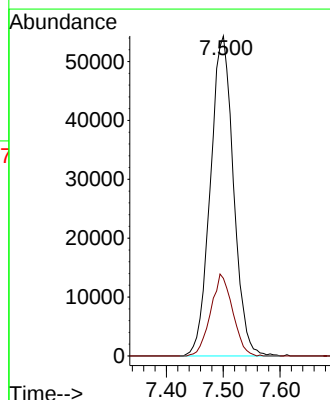
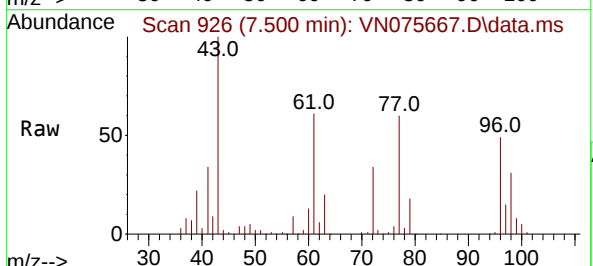
Acq: 09 Dec 2022 14:09

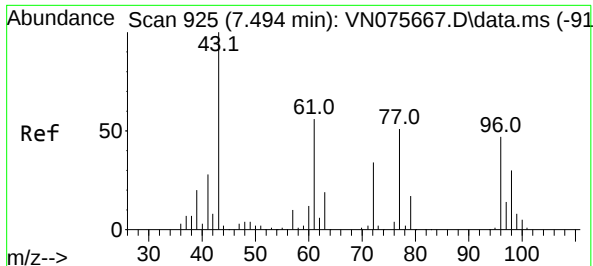
Tgt Ion: 77 Resp: 153388

Ion Ratio Lower Upper

77 100

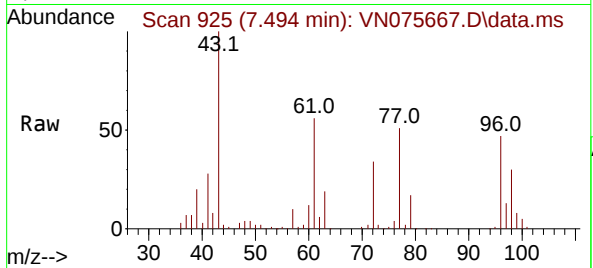
97 24.3 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.282 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

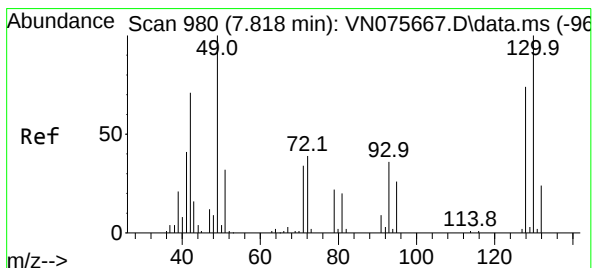
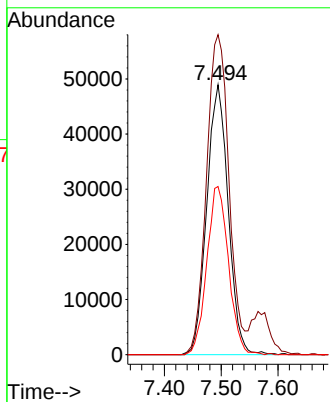
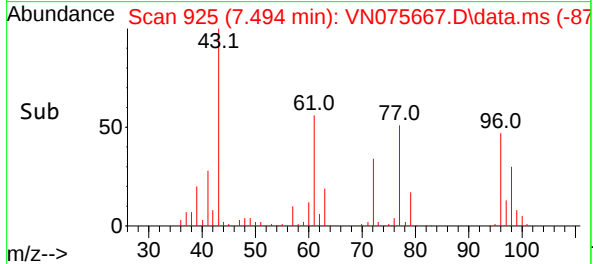
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 96 Resp: 128408
 Ion Ratio Lower Upper
 96 100
 61 123.9 0.0 278.8
 98 63.0 0.0 128.4

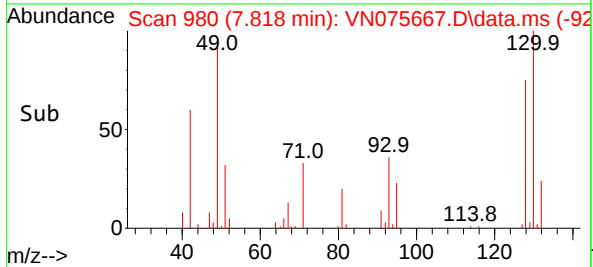
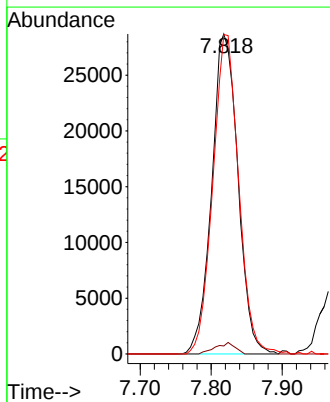
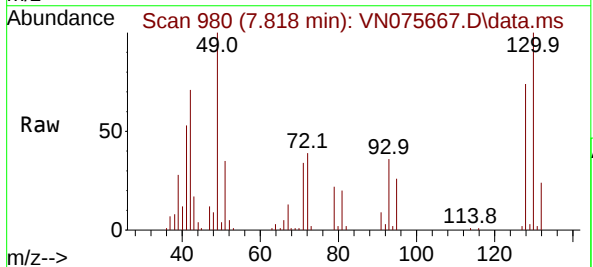
Manual Integrations
 APPROVED

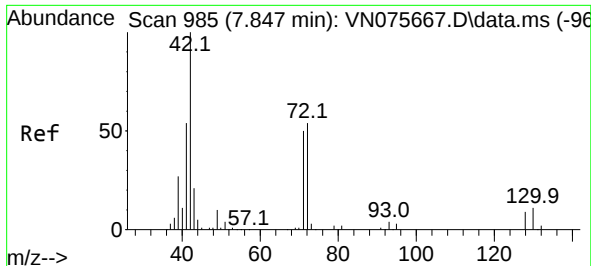
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#28
 Bromochloromethane
 Concen: 47.231 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

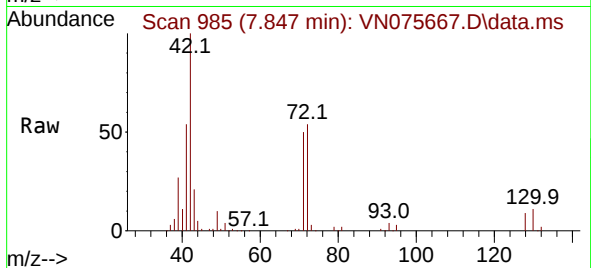
Tgt Ion: 49 Resp: 73445
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 98.1 66.2 99.4





#29
Tetrahydrofuran
Concen: 199.781 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

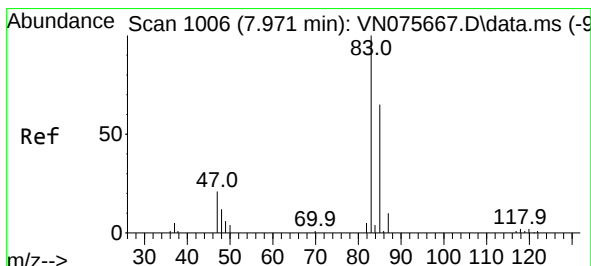
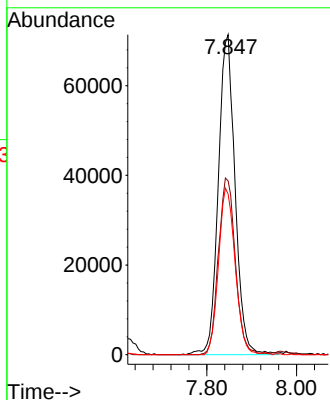
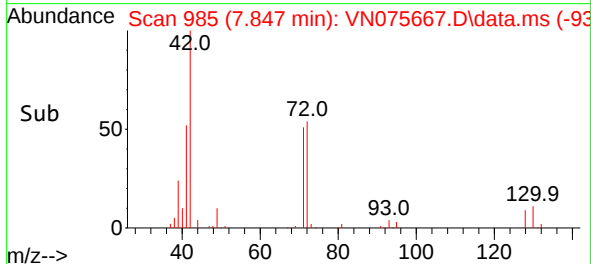
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



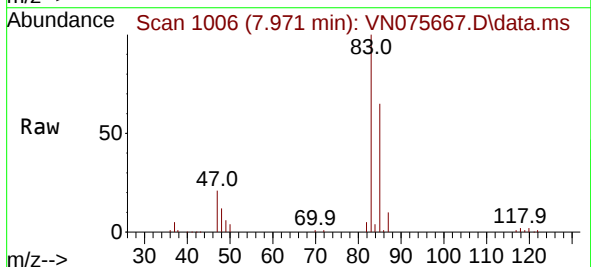
Tgt Ion: 42 Resp: 185469
Ion Ratio Lower Upper
42 100
72 55.8 43.0 64.6
71 51.5 39.9 59.9

Manual Integrations
APPROVED

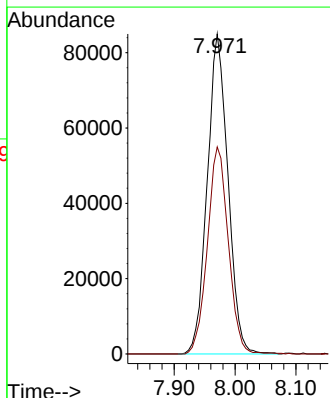
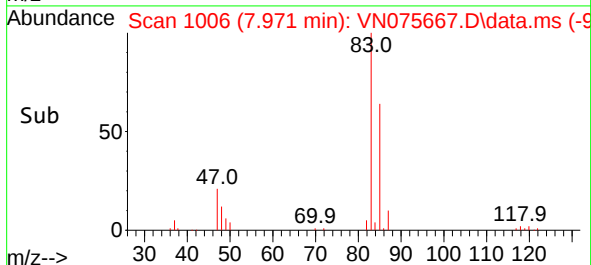
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

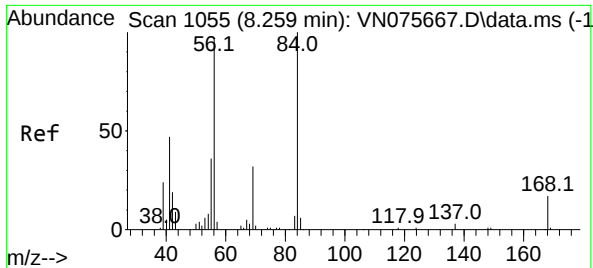


#30
Chloroform
Concen: 45.579 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



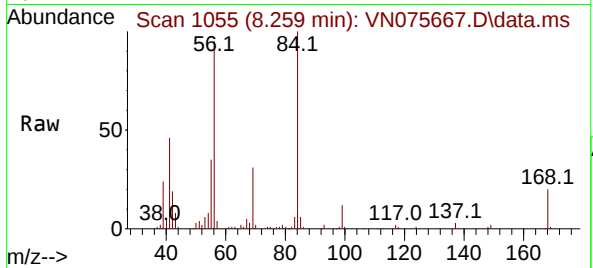
Tgt Ion: 83 Resp: 200514
Ion Ratio Lower Upper
83 100
85 64.7 51.4 77.0





#31
Cyclohexane
Concen: 44.467 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

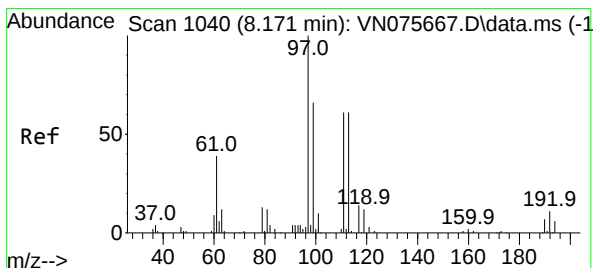
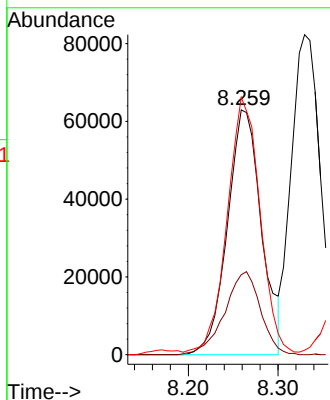
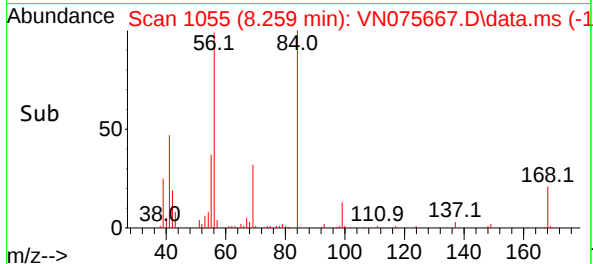
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



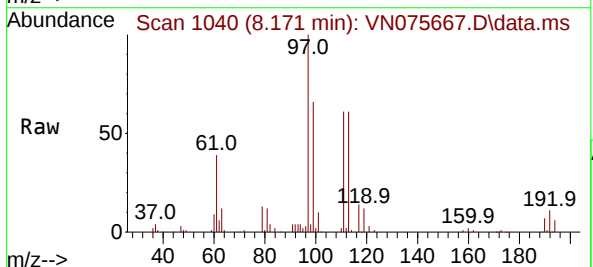
Tgt Ion: 56 Resp: 165579
Ion Ratio Lower Upper
56 100
69 32.7 25.2 37.8
84 103.5 77.8 116.8

Manual Integrations
APPROVED

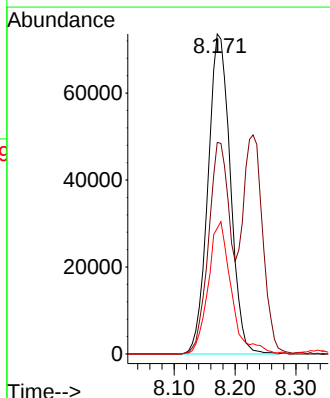
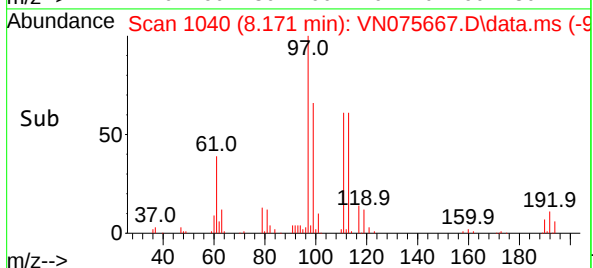
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

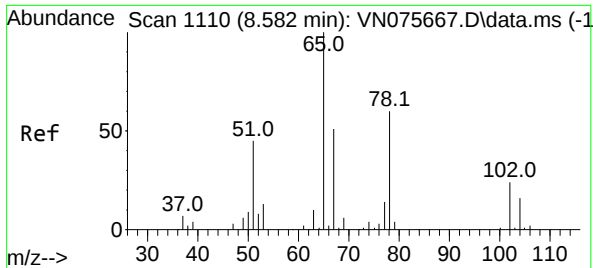


#32
1,1,1-Trichloroethane
Concen: 46.920 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion: 97 Resp: 187420
Ion Ratio Lower Upper
97 100
99 64.0 50.2 75.2
61 42.8 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 101.315 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 11874

Ion Ratio Lower Upper

65 100

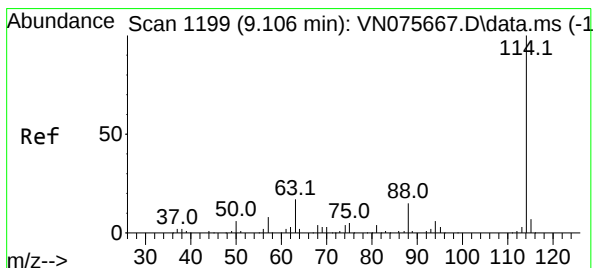
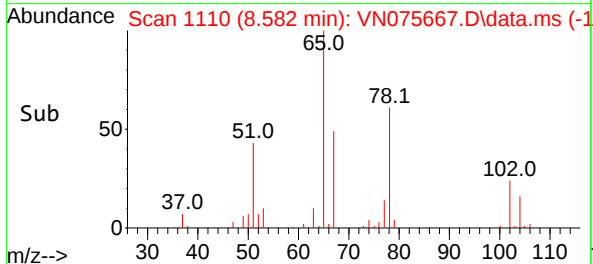
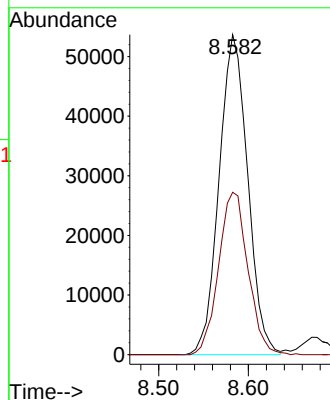
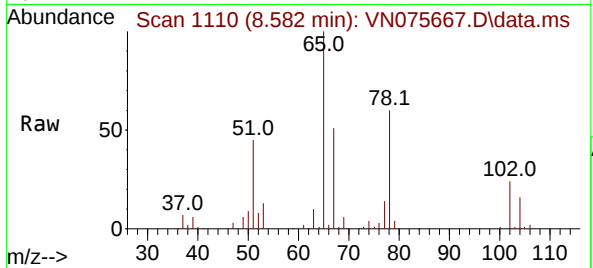
67 52.1 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

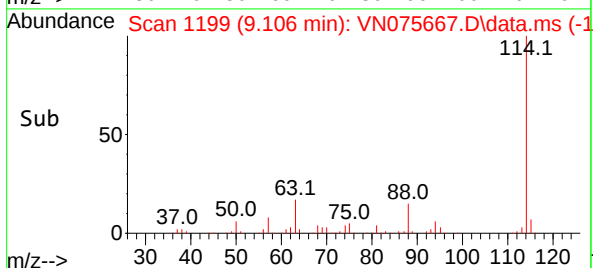
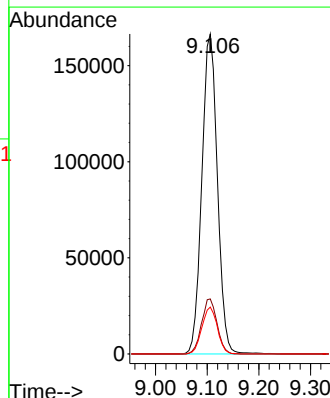
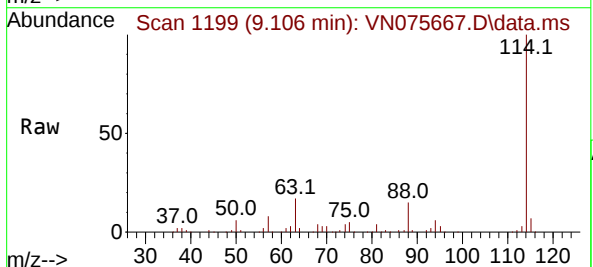
Tgt Ion:114 Resp: 347842

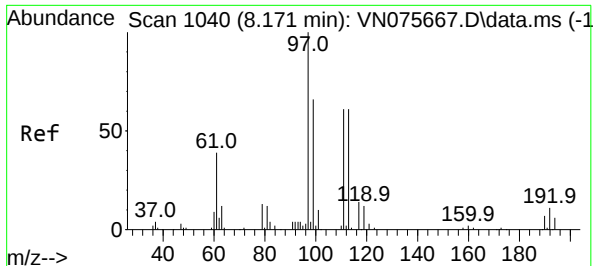
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 79.304 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 108364

Ion Ratio Lower Upper

113 100

111 101.3 80.5 120.7

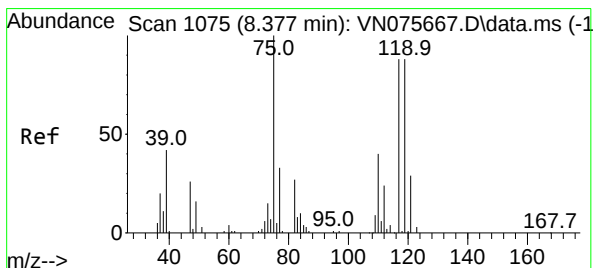
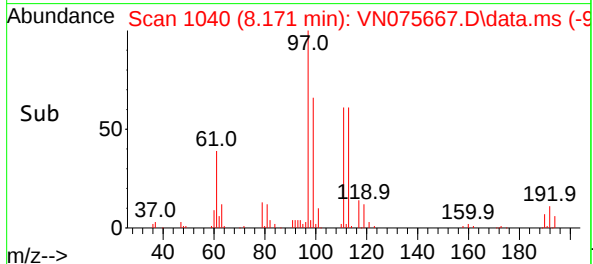
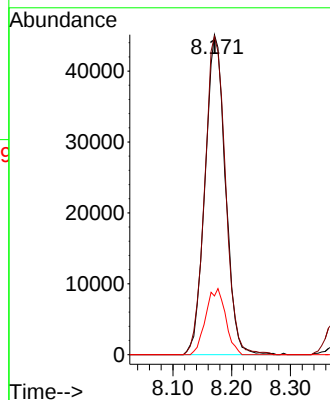
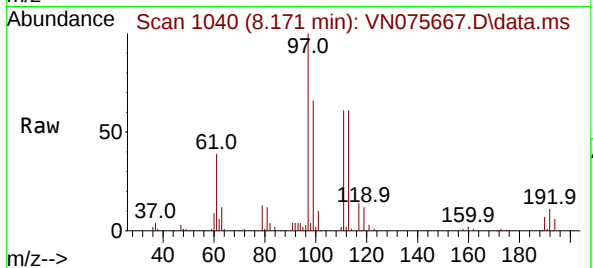
192 20.2 13.2 19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 49.208 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

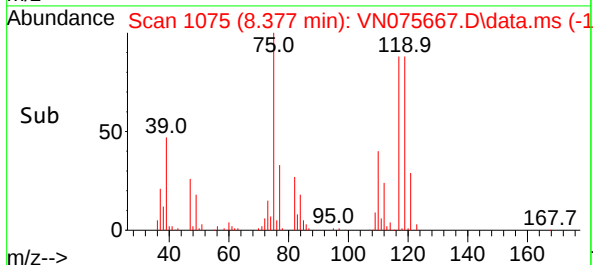
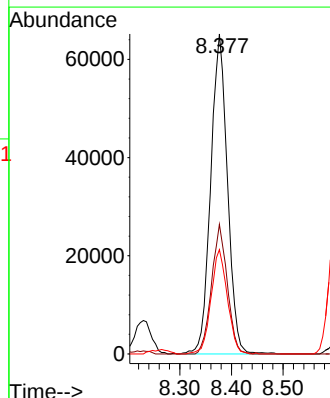
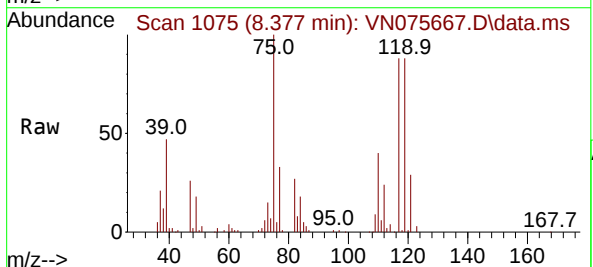
Tgt Ion: 75 Resp: 146634

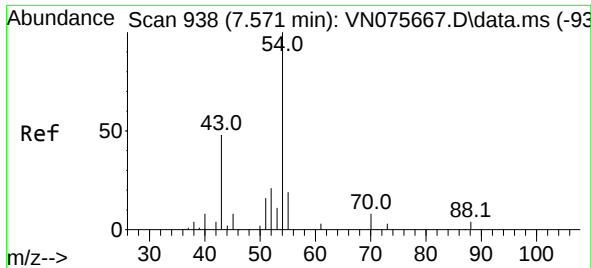
Ion Ratio Lower Upper

75 100

110 37.9 17.8 53.3

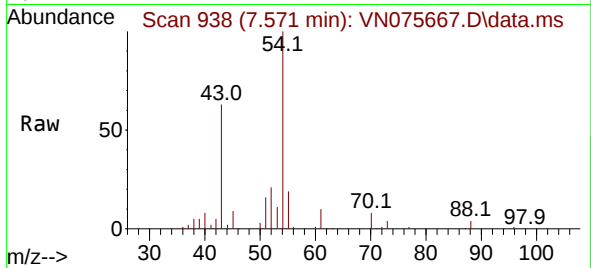
77 31.8 24.6 37.0





#37
Ethyl Acetate
Concen: 42.804 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

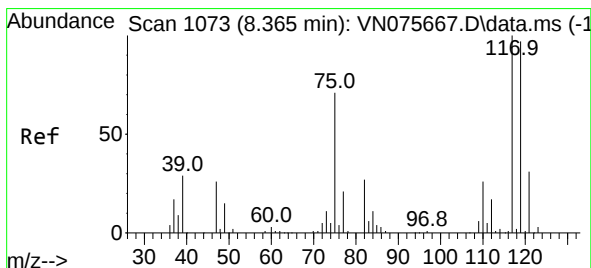
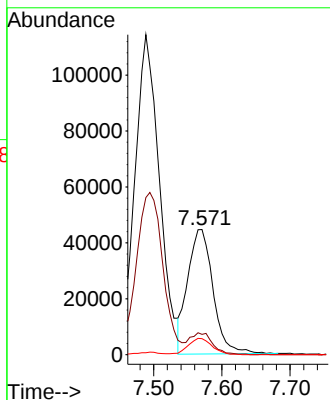
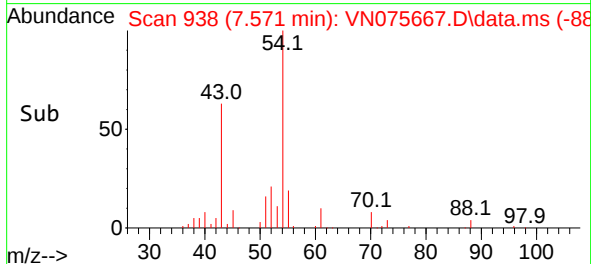
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 114850
Ion Ratio Lower Upper
43 100
61 16.6 12.2 18.4
70 12.4 9.4 14.2

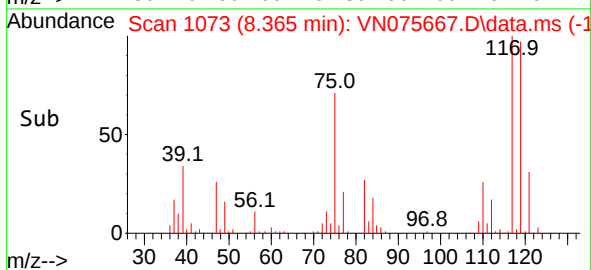
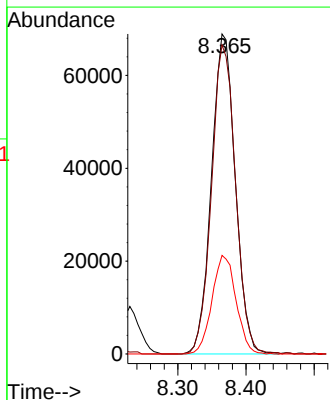
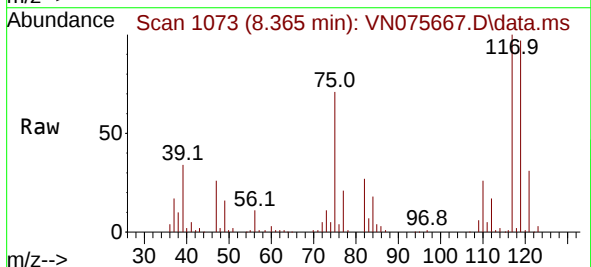
Manual Integrations
APPROVED

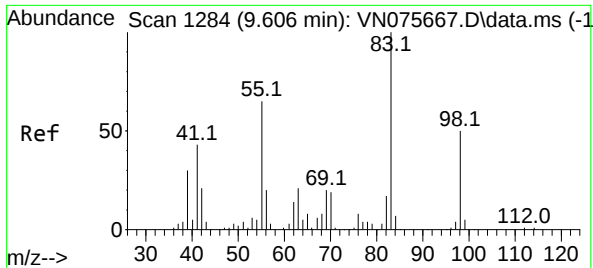
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#38
Carbon Tetrachloride
Concen: 51.211 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:117 Resp: 167638
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1
121 30.8 23.9 35.9





#39

Methylcyclohexane

Concen: 52.100 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 19430

Ion Ratio Lower Upper

83 100

55 64.5 53.6 80.4

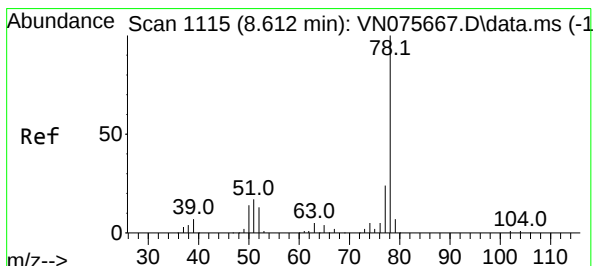
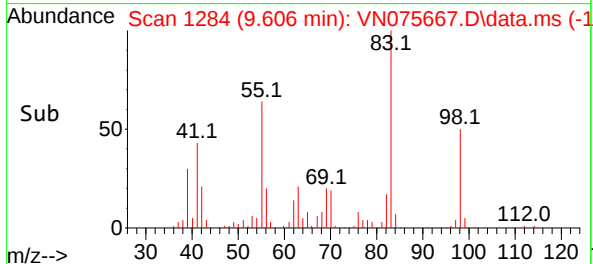
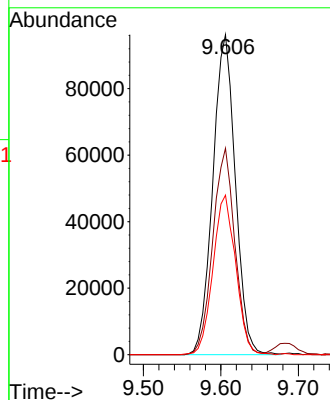
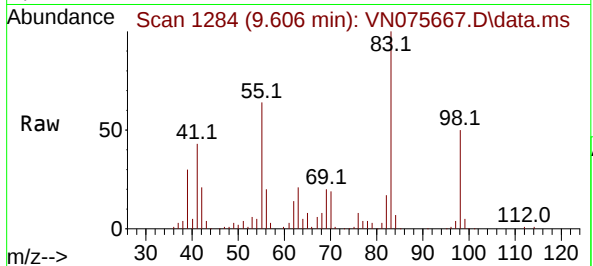
98 49.8 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 48.623 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075667.D

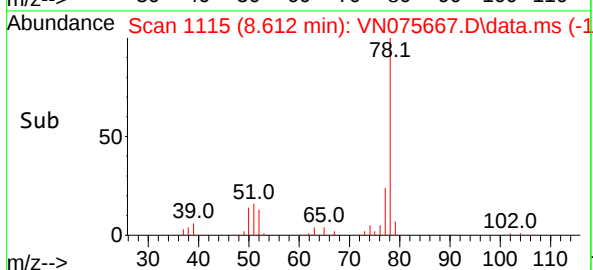
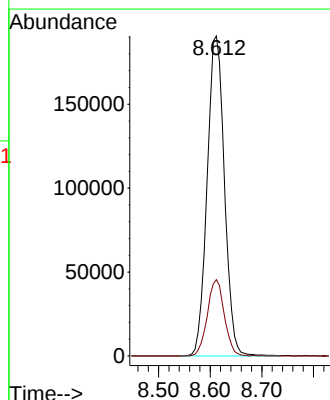
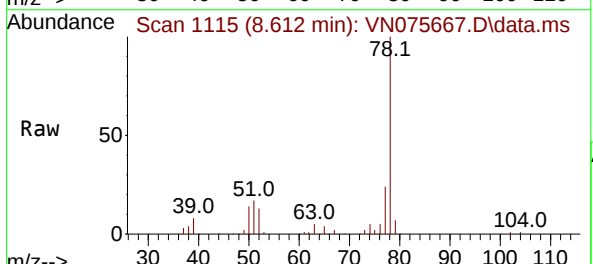
Acq: 09 Dec 2022 14:09

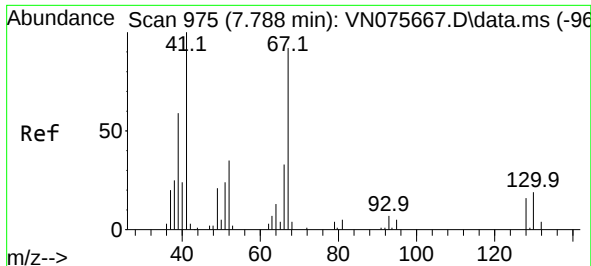
Tgt Ion: 78 Resp: 443617

Ion Ratio Lower Upper

78 100

77 23.9 19.4 29.0





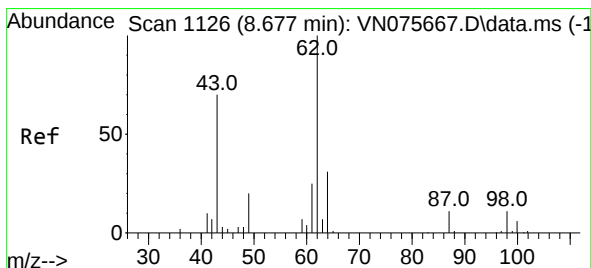
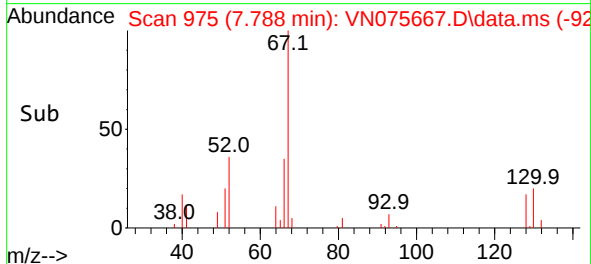
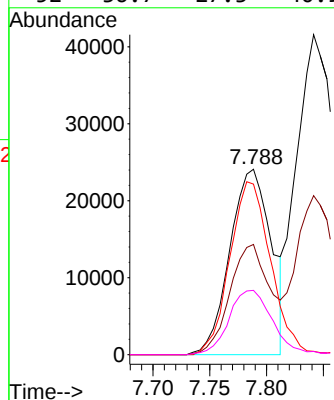
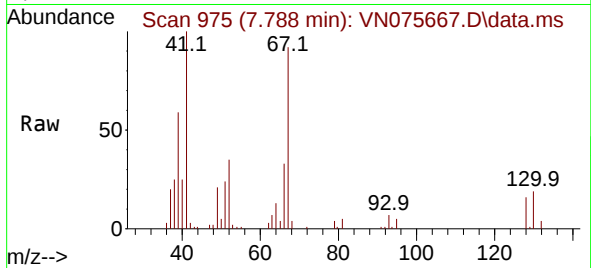
#41
Methacrylonitrile
Concen: 44.542 ug/l
RT: 7.788 min Scan# 911
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	61102
Ion	Ratio	Lower	Upper
41	100		
39	57.9	44.4	66.6
67	92.5	69.8	104.6
52	36.7	27.3	40.9

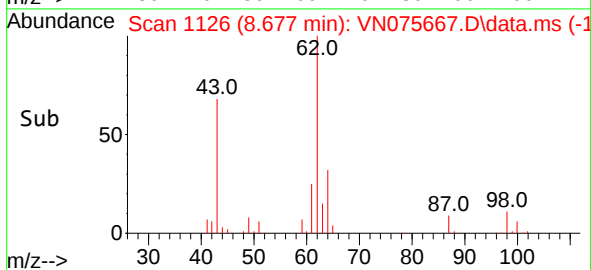
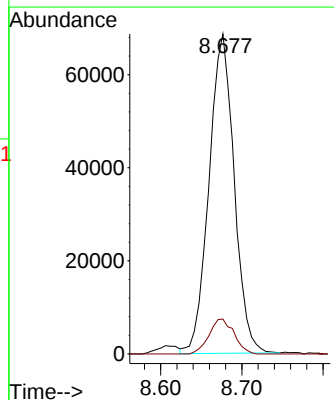
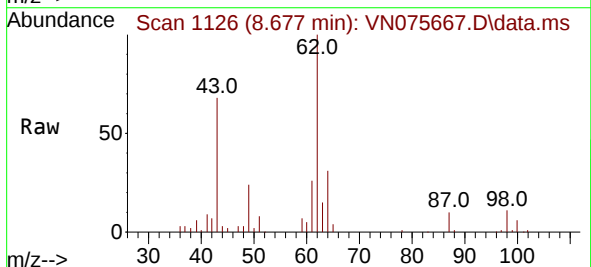
Manual Integrations
APPROVED

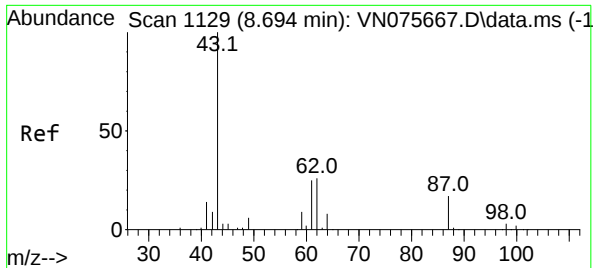
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 48.361 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

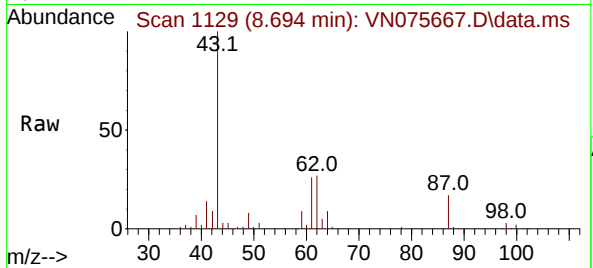
Tgt Ion:	62	Resp:	147771
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	18.2





#43
Isopropyl Acetate
Concen: 47.093 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

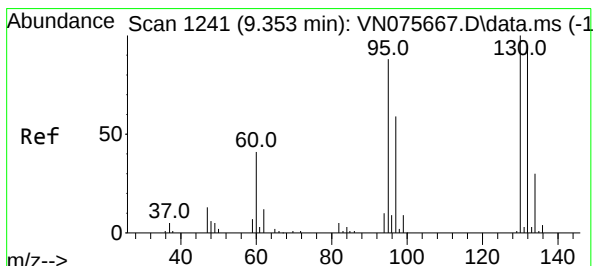
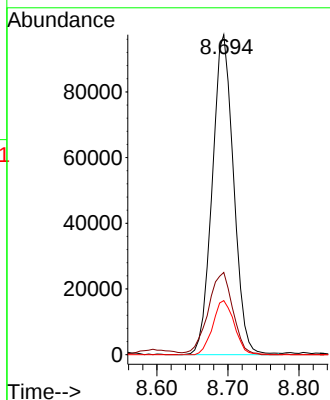
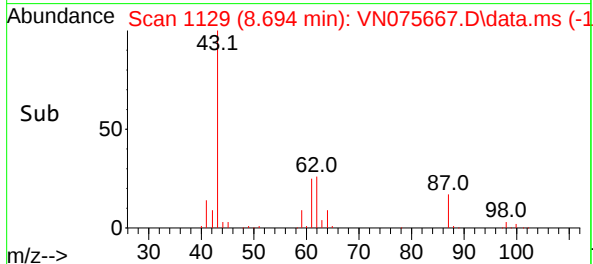
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



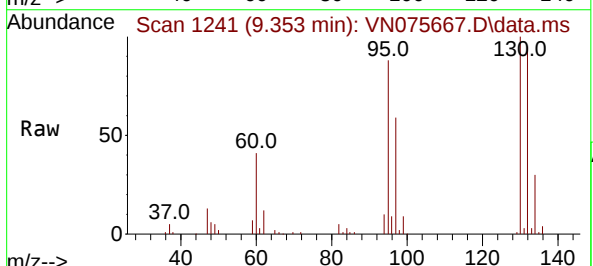
Tgt Ion: 43 Resp: 20282
Ion Ratio Lower Upper
43 100
61 29.8 22.4 33.6
87 17.1 12.5 18.7

Manual Integrations
APPROVED

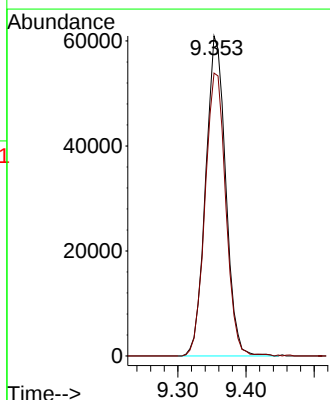
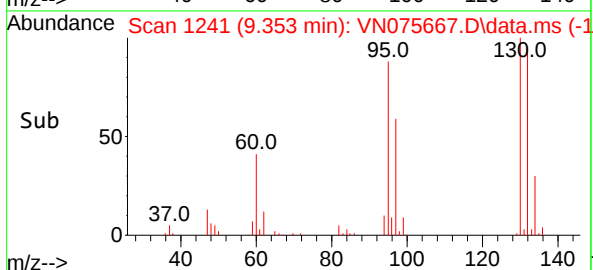
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

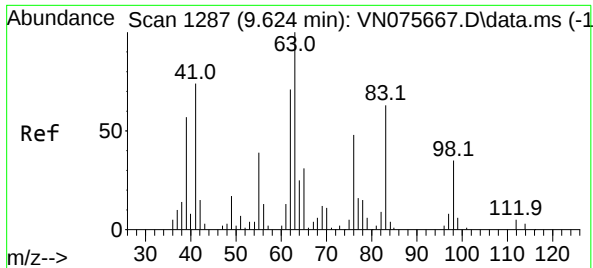


#44
Trichloroethene
Concen: 49.902 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion:130 Resp: 124577
Ion Ratio Lower Upper
130 100
95 88.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 48.180 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 104752

Ion Ratio Lower Upper

63 100

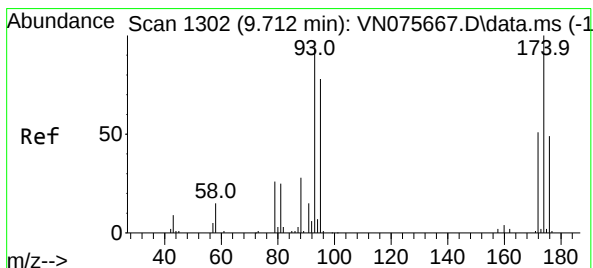
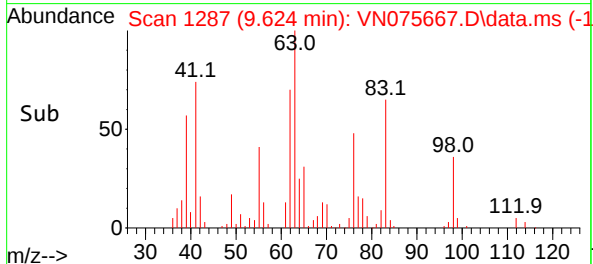
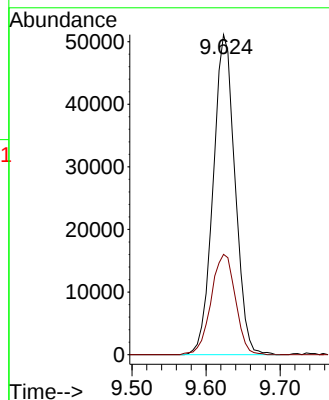
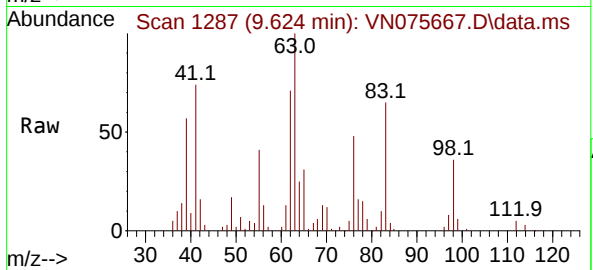
65 31.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 48.761 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

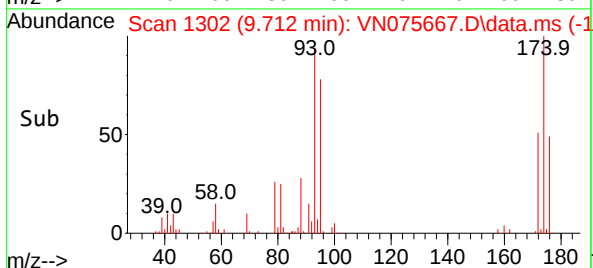
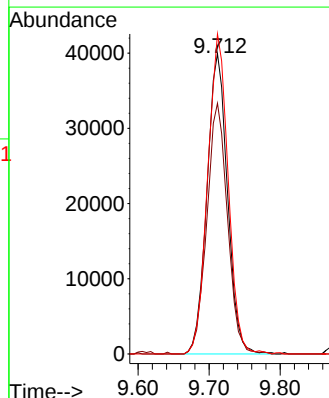
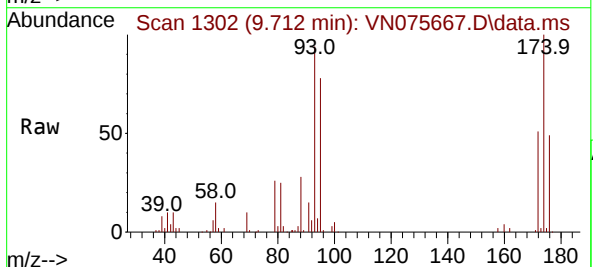
Tgt Ion: 93 Resp: 80187

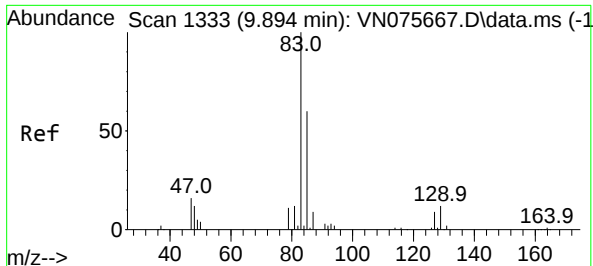
Ion Ratio Lower Upper

93 100

95 84.1 66.6 99.8

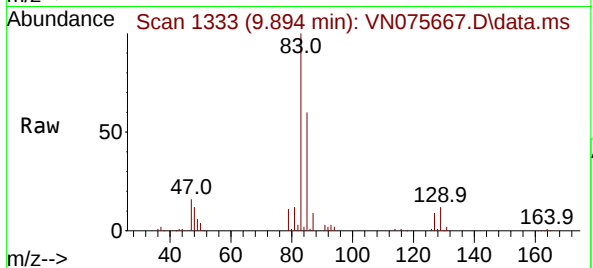
174 106.3 70.3 105.5#





#47
Bromodichloromethane
Concen: 50.534 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

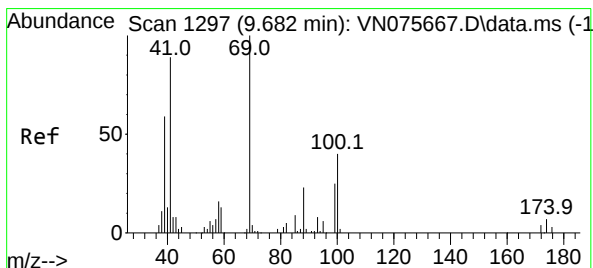
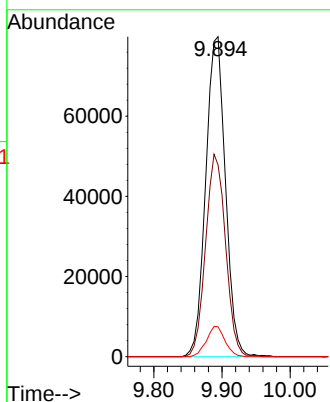
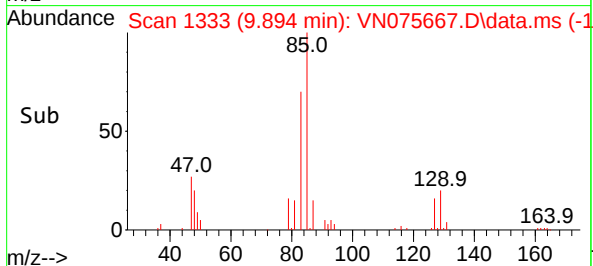
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 160933
Ion Ratio Lower Upper
83 100
85 60.0 52.1 78.1
127 9.3 6.6 10.0

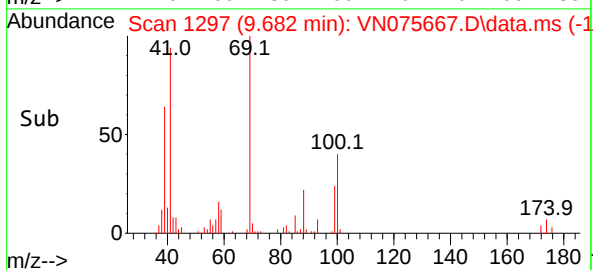
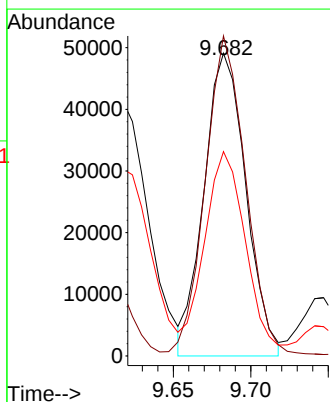
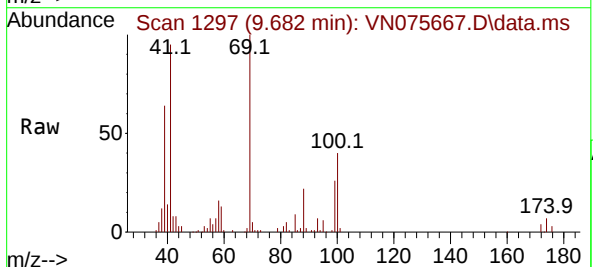
Manual Integrations
APPROVED

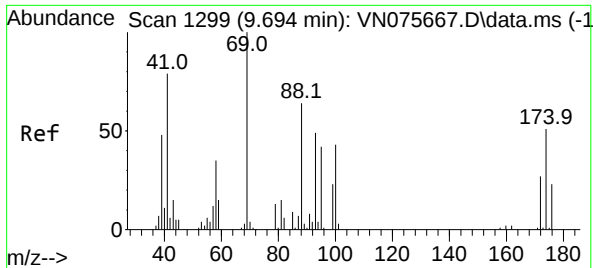
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 46.359 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 41 Resp: 92322
Ion Ratio Lower Upper
41 100
69 103.1 80.2 120.2
39 66.5 56.2 84.2





#49

1,4-Dioxane

Concen: 790.067 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 88 Resp: 4467

Ion Ratio Lower Upper

88 100

43 21.7 17.5 26.3

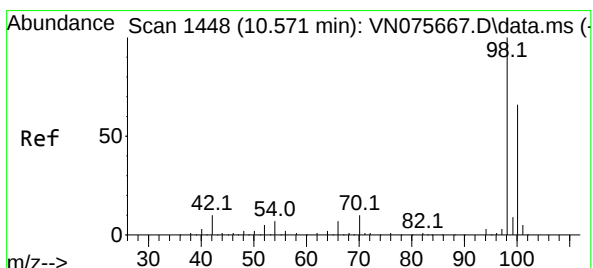
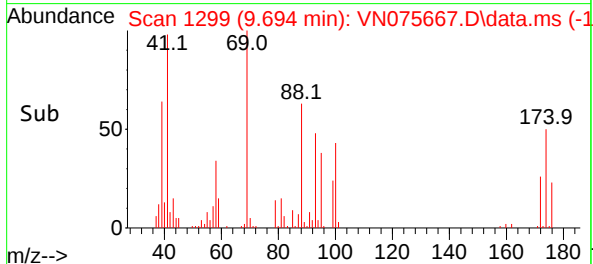
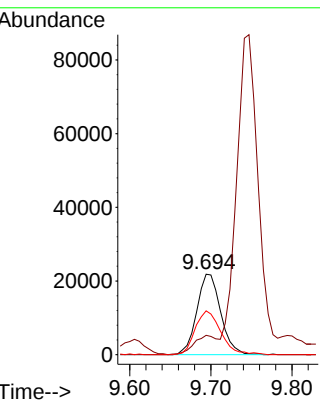
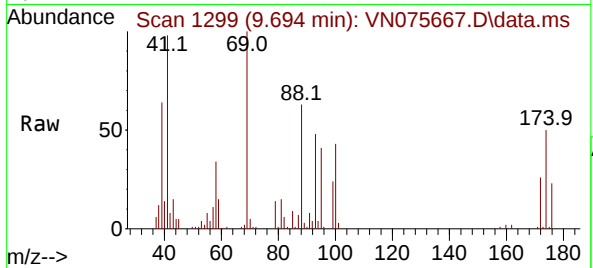
58 58.5 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 135.931 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075667.D

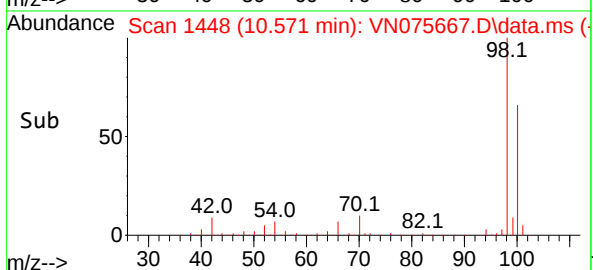
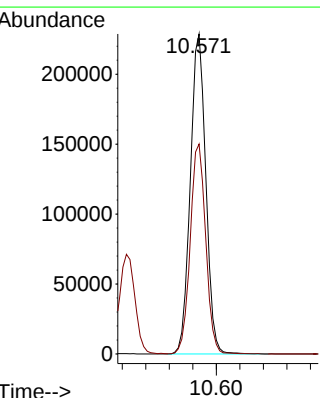
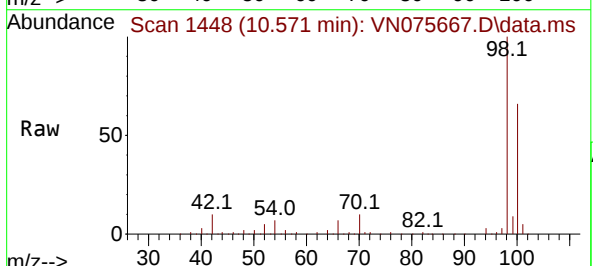
Acq: 09 Dec 2022 14:09

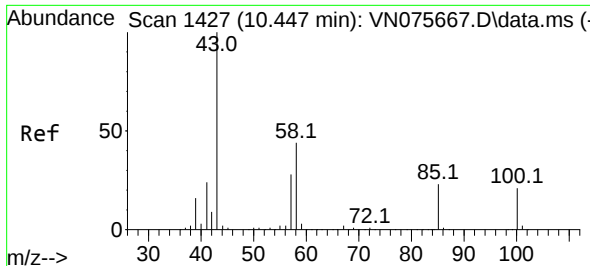
Tgt Ion: 98 Resp: 418342

Ion Ratio Lower Upper

98 100

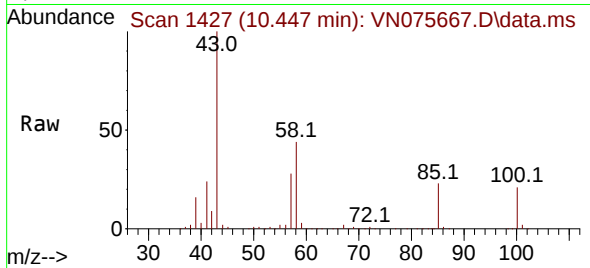
100 65.7 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 222.335 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

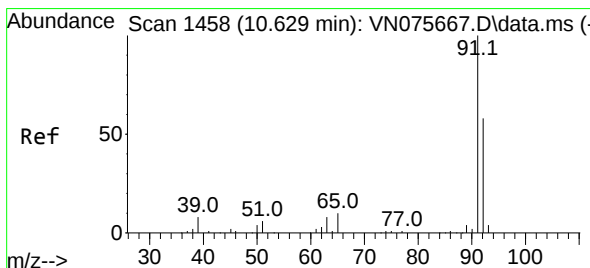
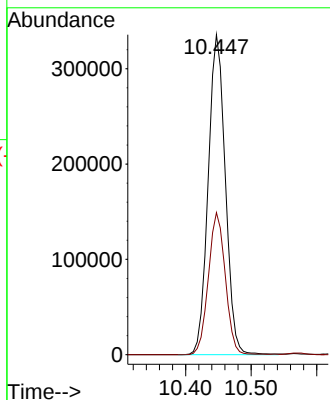
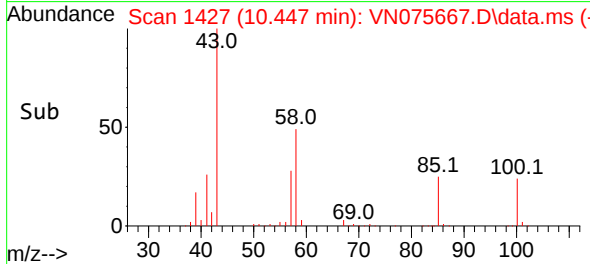
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 609888
Ion Ratio Lower Upper
43 100
58 43.8 33.6 50.4

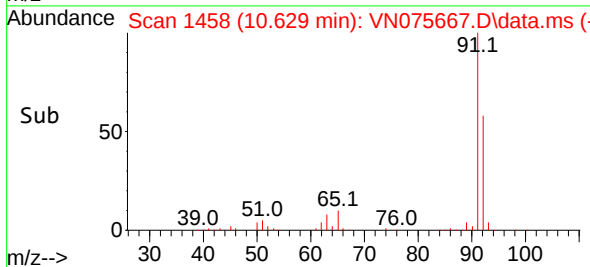
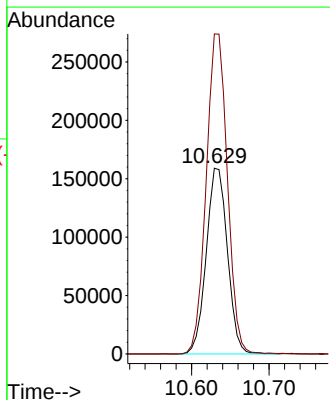
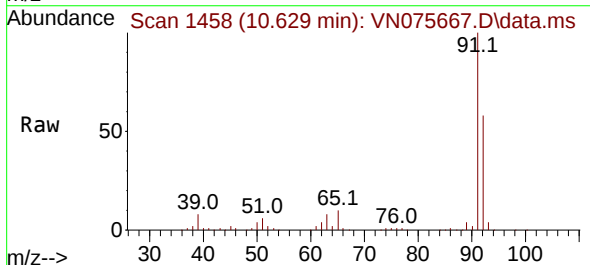
Manual Integrations
APPROVED

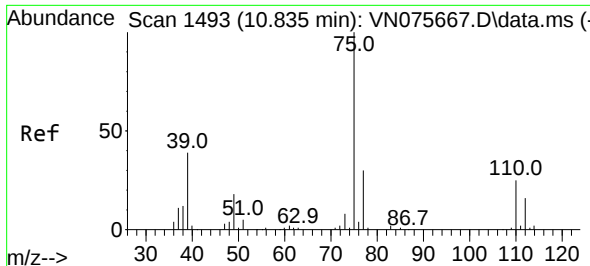
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#52
Toluene
Concen: 51.420 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 92 Resp: 302313
Ion Ratio Lower Upper
92 100
91 172.4 135.4 203.2





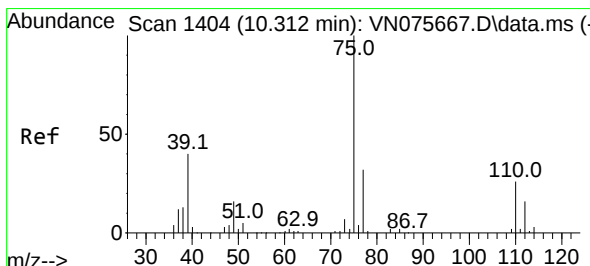
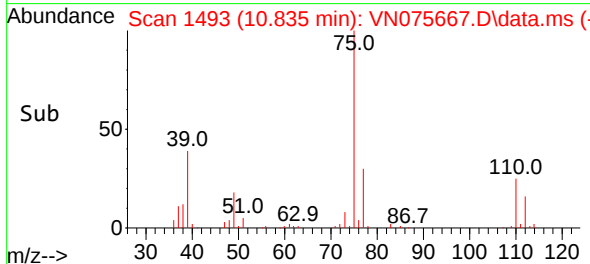
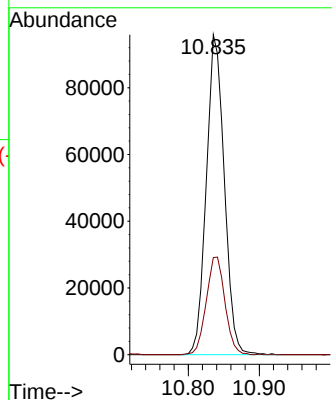
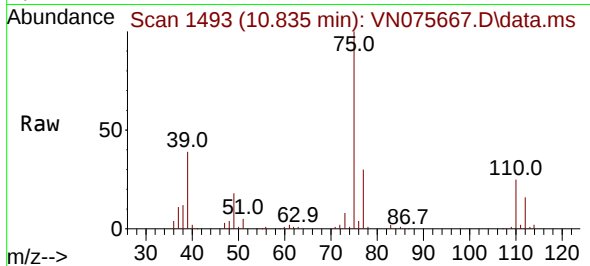
#53
 t-1,3-Dichloropropene
 Concen: 52.805 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 75 Resp: 168824
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2

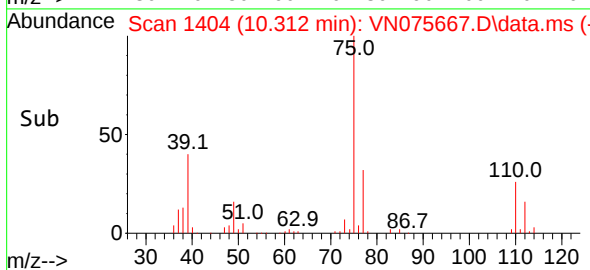
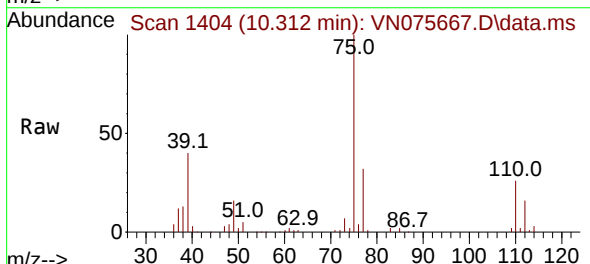
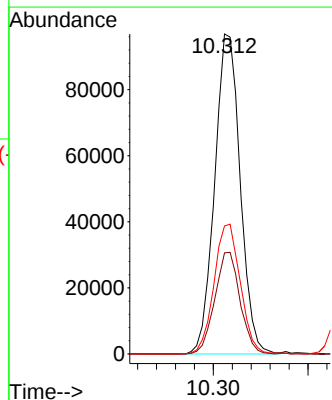
Manual Integrations
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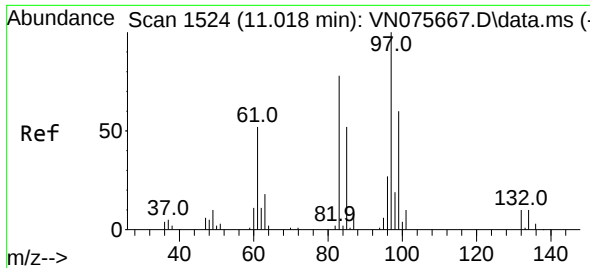
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#54
 cis-1,3-Dichloropropene
 Concen: 52.230 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

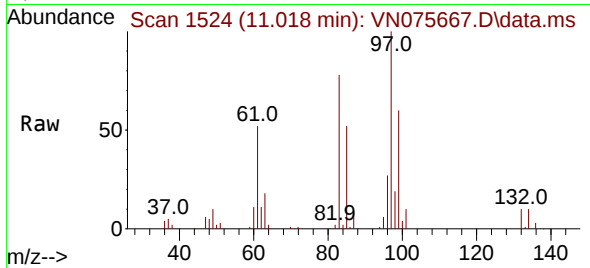
Tgt Ion: 75 Resp: 181365
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.7 35.5
 39 40.0 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 48.993 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

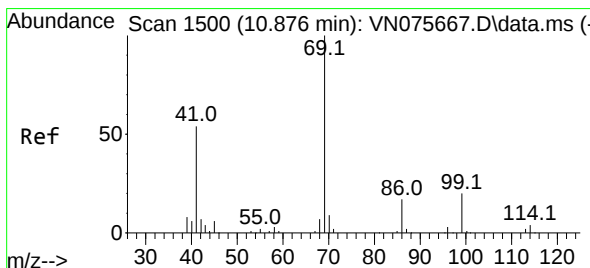
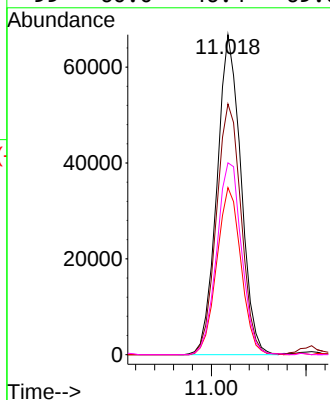
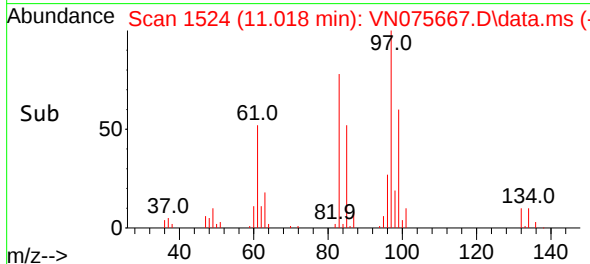


Tgt Ion: 97 Resp: 11731

Ion	Ratio	Lower	Upper
97	100		
83	78.4	65.9	98.9
85	52.2	40.4	60.6
99	60.0	46.4	69.6

Manual Integrations
APPROVED

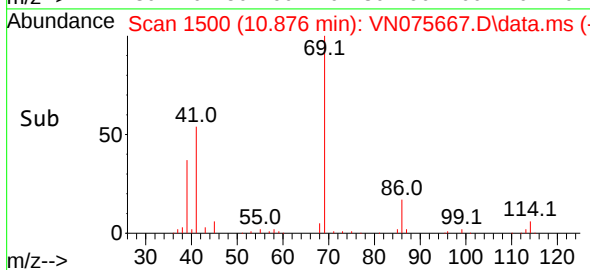
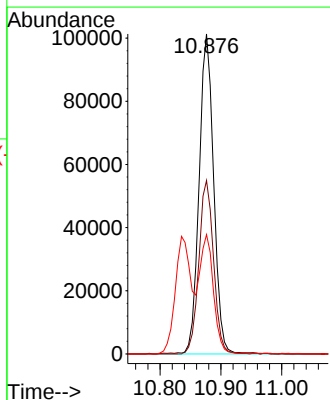
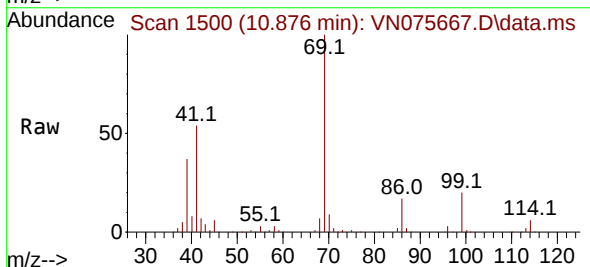
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

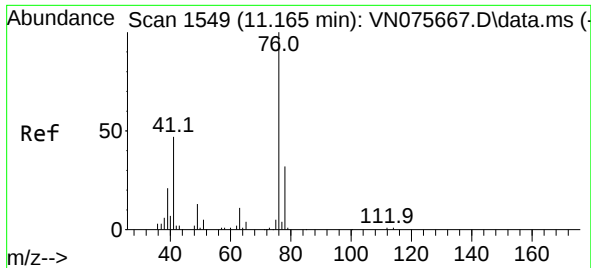


#56
Ethyl methacrylate
Concen: 52.053 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 69 Resp: 168331

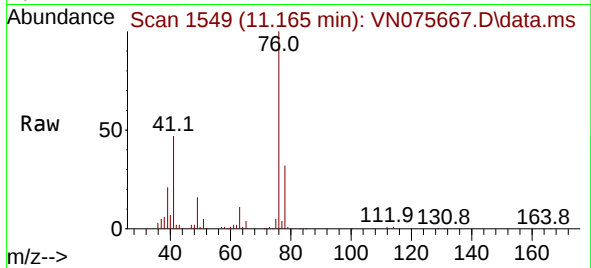
Ion	Ratio	Lower	Upper
69	100		
41	55.1	45.6	68.4
39	34.6	28.5	42.7





#57
1,3-Dichloropropane
Concen: 48.145 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

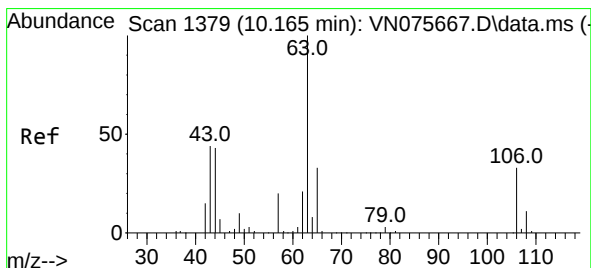
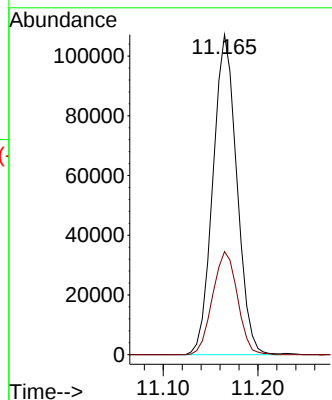
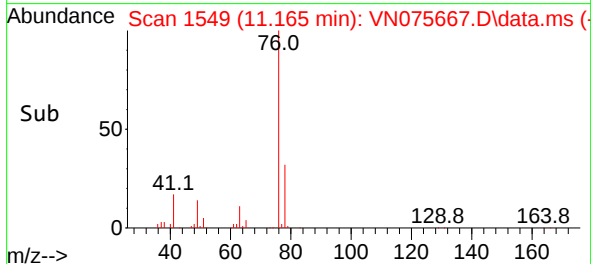
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



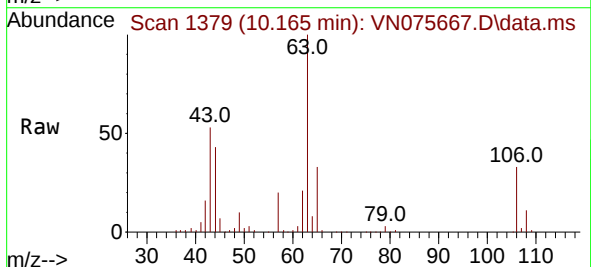
Tgt Ion: 76 Resp: 18798
Ion Ratio Lower Upper
76 100
78 33.5 25.8 38.6

Manual Integrations
APPROVED

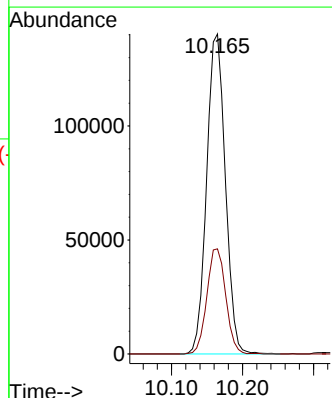
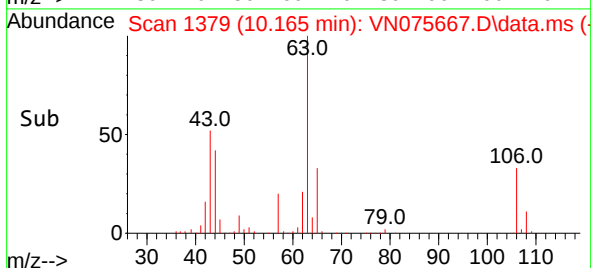
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

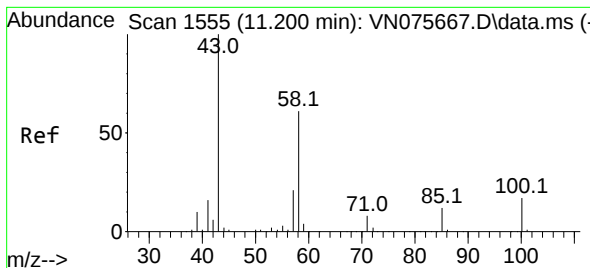


#58
2-Chloroethyl Vinyl ether
Concen: 219.982 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



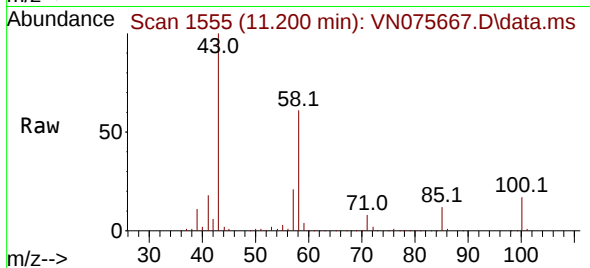
Tgt Ion: 63 Resp: 256565
Ion Ratio Lower Upper
63 100
106 33.3 24.8 37.2





#59
2-Hexanone
Concen: 218.260 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

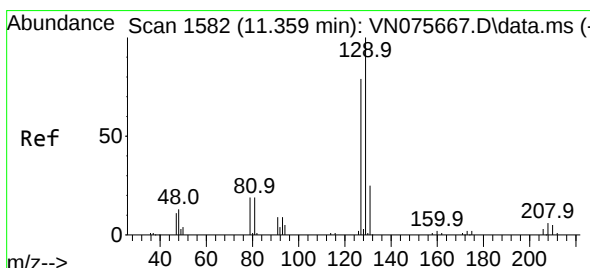
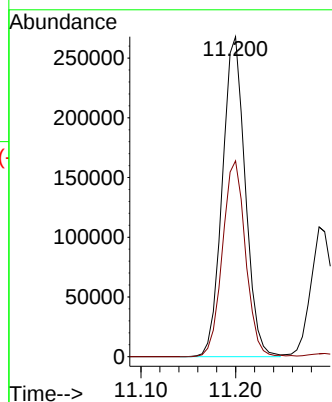
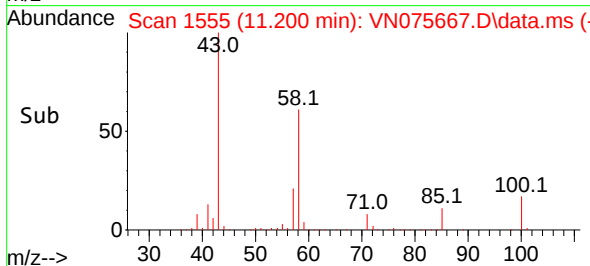
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



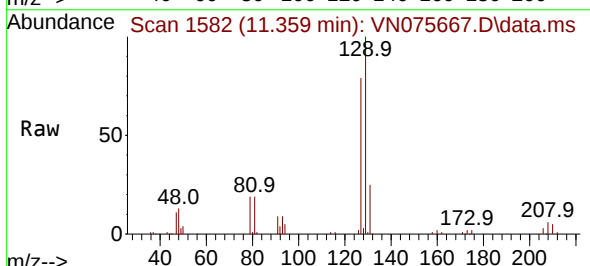
Tgt Ion: 43 Resp: 44957
Ion Ratio Lower Upper
43 100
58 61.7 29.6 88.8

Manual Integrations
APPROVED

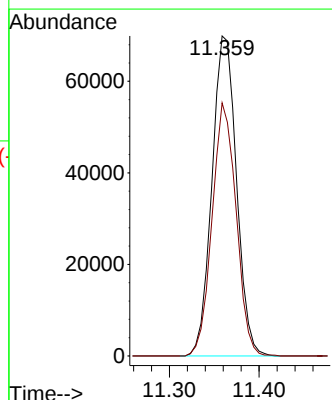
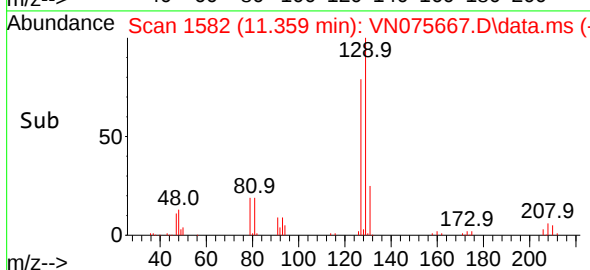
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

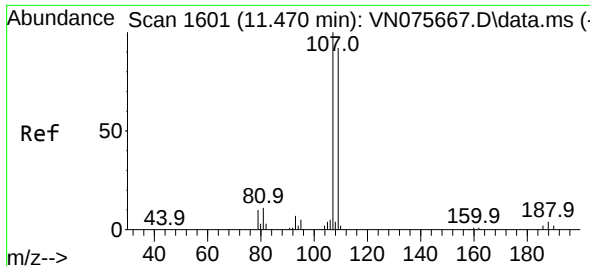


#60
Dibromochloromethane
Concen: 54.052 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



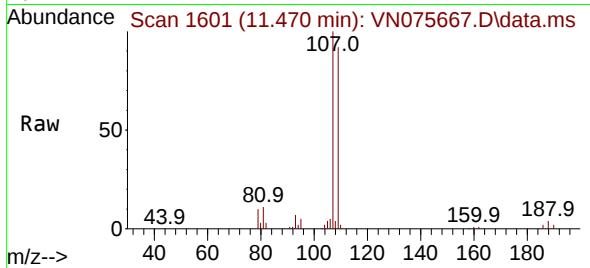
Tgt Ion:129 Resp: 132856
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61
1,2-Dibromoethane
Concen: 49.278 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.001 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

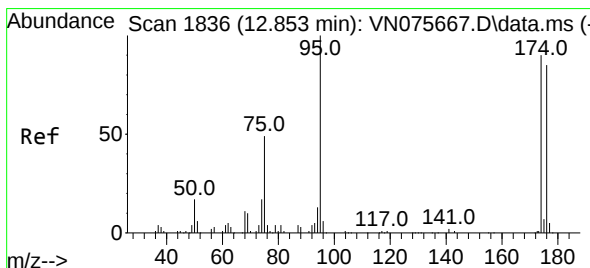
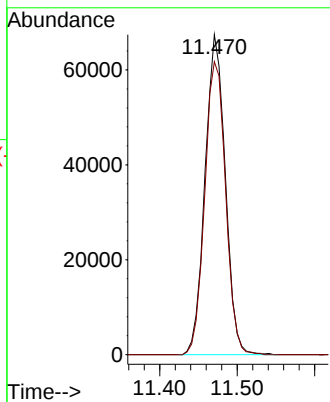
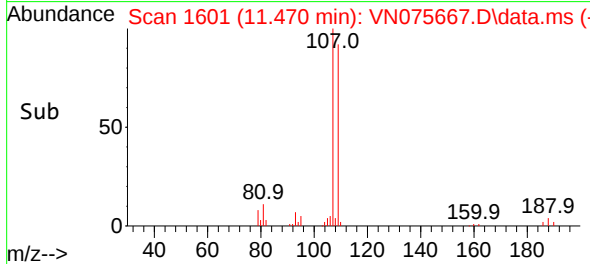
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



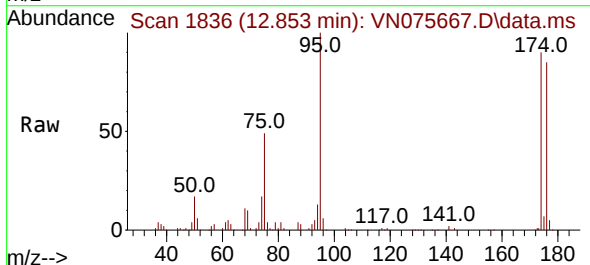
Tgt Ion:107 Resp: 122475
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4

Manual Integrations
APPROVED

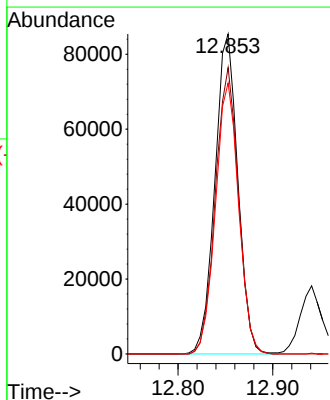
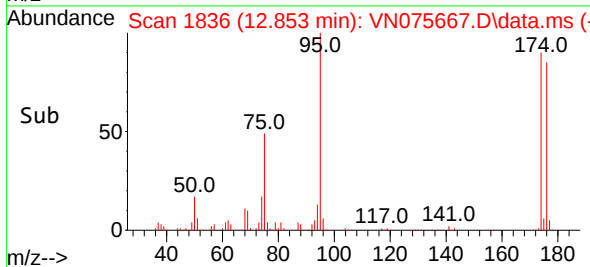
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

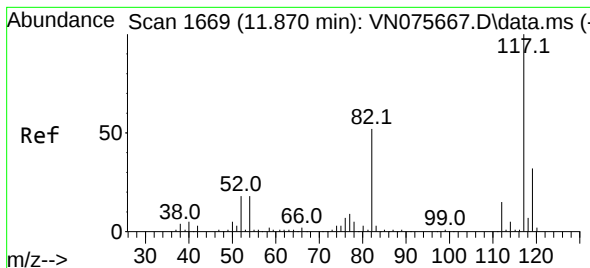


#62
4-Bromofluorobenzene
Concen: 63.375 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion: 95 Resp: 143962
Ion Ratio Lower Upper
95 100
174 89.3 0.0 147.4
176 85.4 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:117 Resp: 317930

Ion Ratio Lower Upper

117 100

82 52.3 43.1 64.7

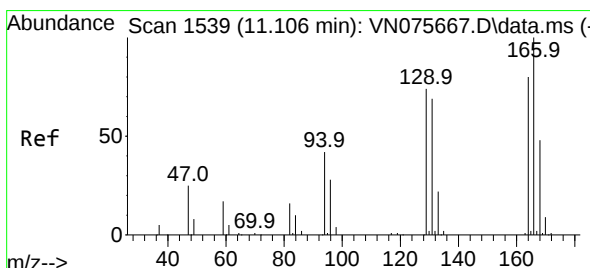
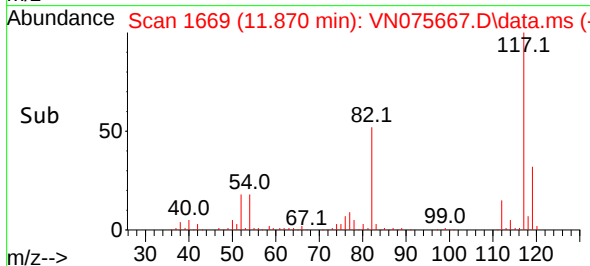
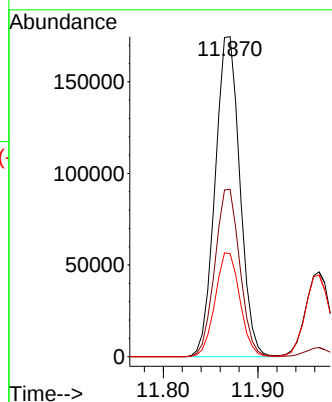
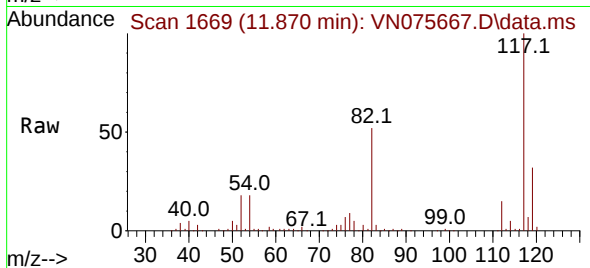
119 32.2 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#64

Tetrachloroethene

Concen: 45.764 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Tgt Ion:164 Resp: 111111

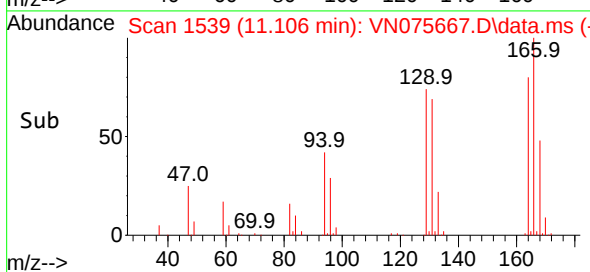
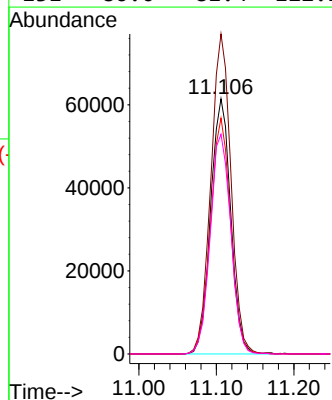
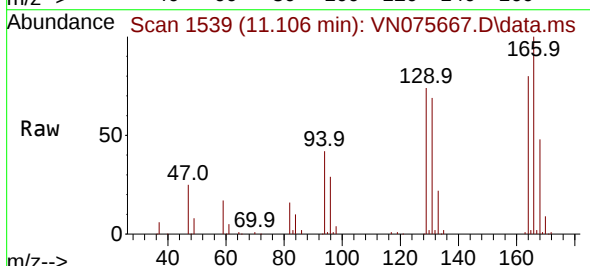
Ion Ratio Lower Upper

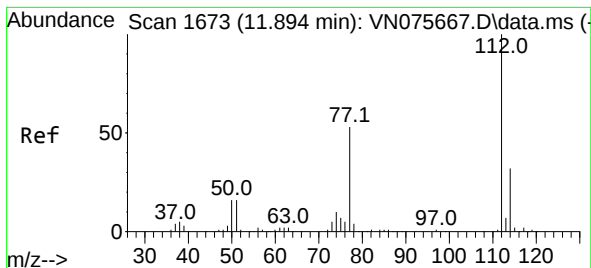
164 100

166 125.4 106.5 159.7

129 92.4 81.9 122.9

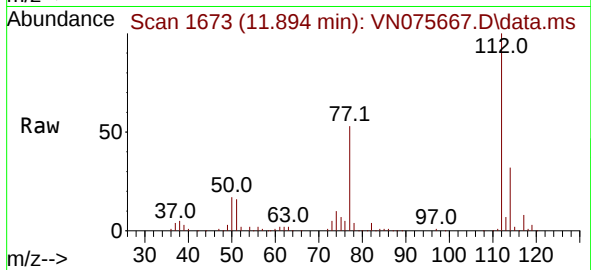
131 86.0 81.4 122.2





#65
Chlorobenzene
Concen: 50.360 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

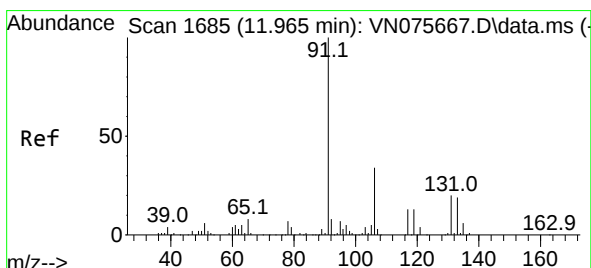
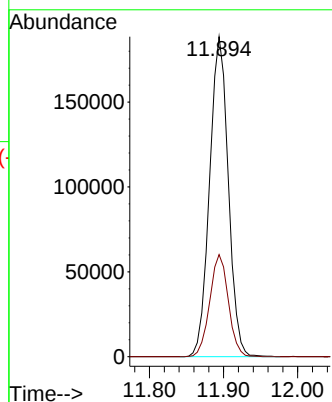
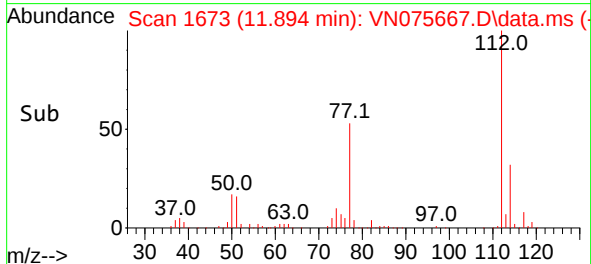
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



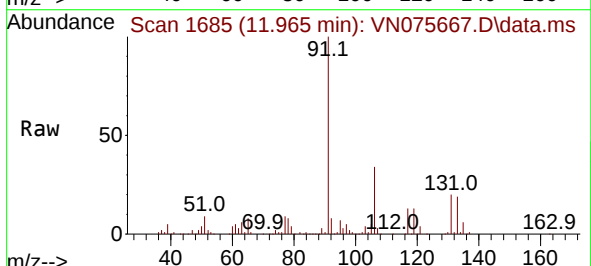
Tgt Ion:112 Resp: 330660
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

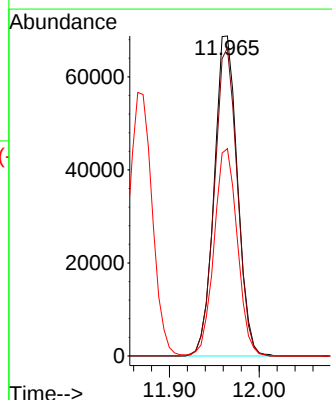
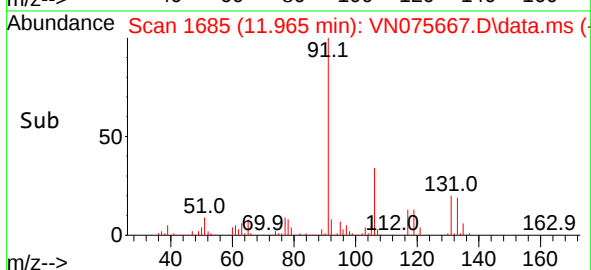
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

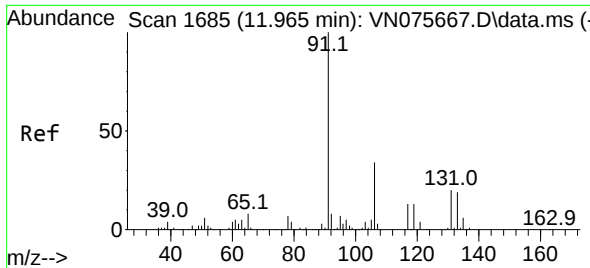


#66
1,1,1,2-Tetrachloroethane
Concen: 50.563 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion:131 Resp: 123906
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 64.9 33.0 99.0





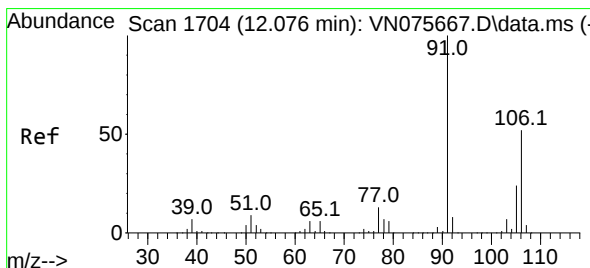
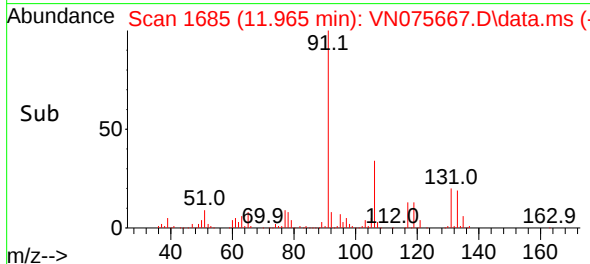
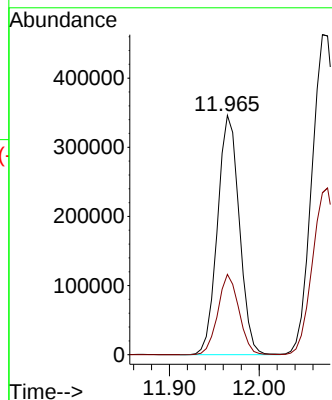
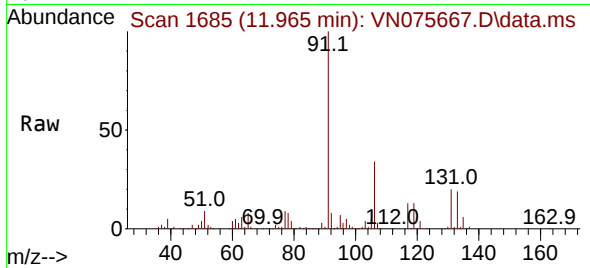
#67
Ethyl Benzene
Concen: 52.204 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 584775
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

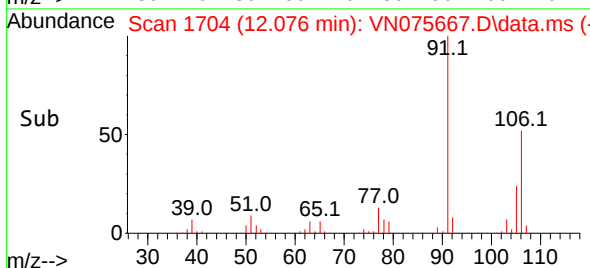
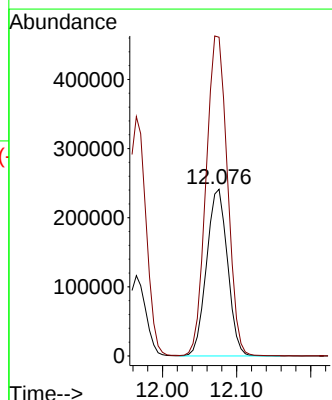
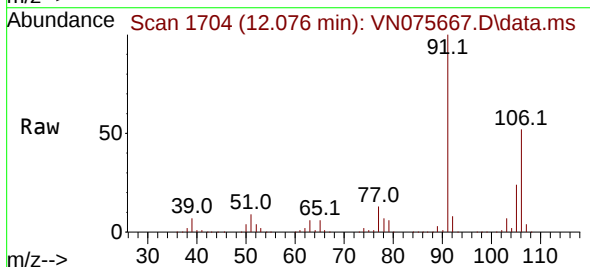
Manual Integrations
APPROVED

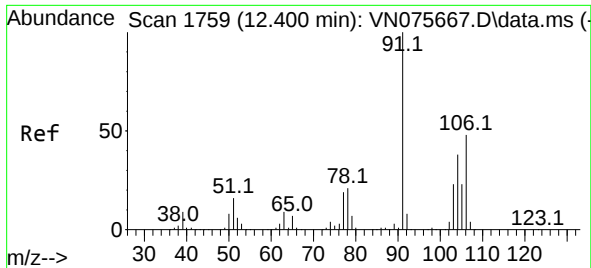
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#68
m/p-Xylenes
Concen: 104.280 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion:106 Resp: 474362
Ion Ratio Lower Upper
106 100
91 195.3 156.0 234.0





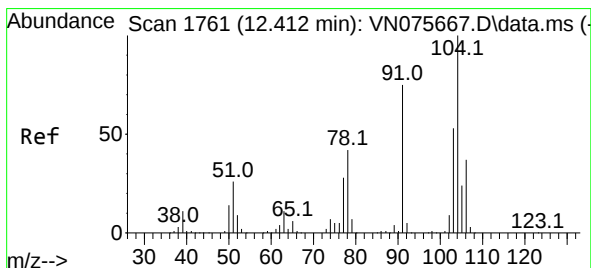
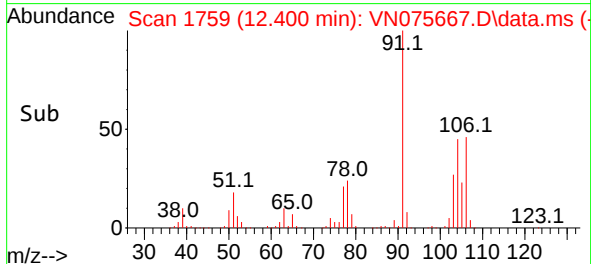
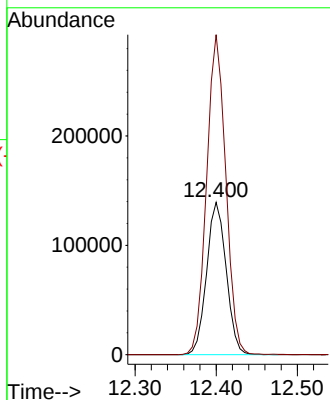
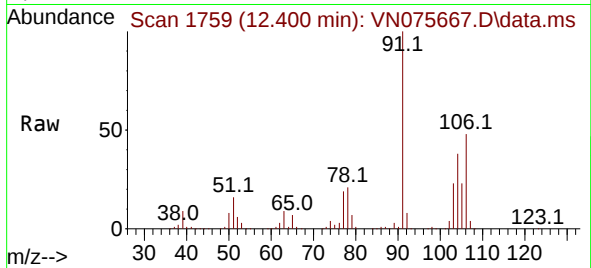
#69
o-Xylene
Concen: 51.581 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 233130
Ion Ratio Lower Upper
106 100
91 205.7 105.2 315.5

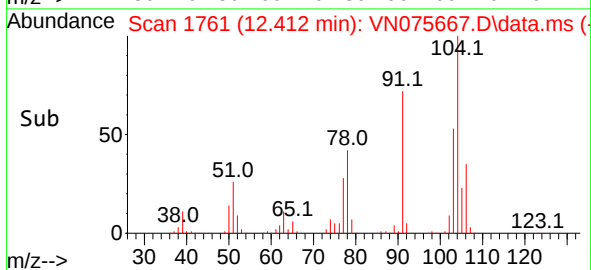
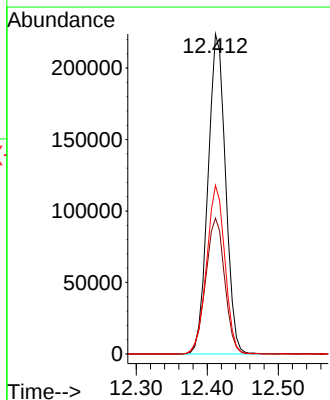
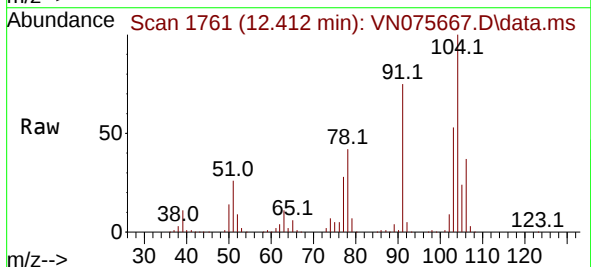
Manual Integrations
APPROVED

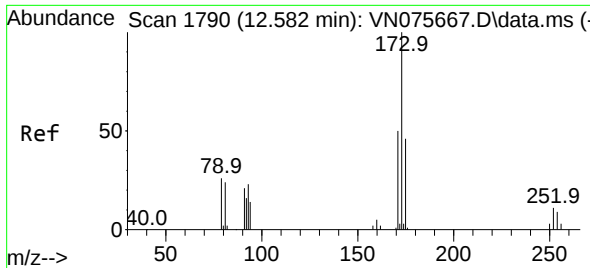
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 53.916 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

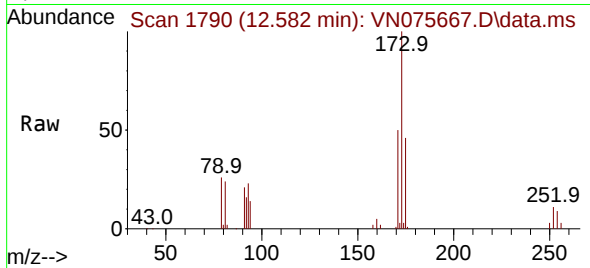
Tgt Ion:104 Resp: 384418
Ion Ratio Lower Upper
104 100
78 45.9 38.1 57.1
103 55.0 44.6 66.8





#71
Bromoform
Concen: 54.389 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

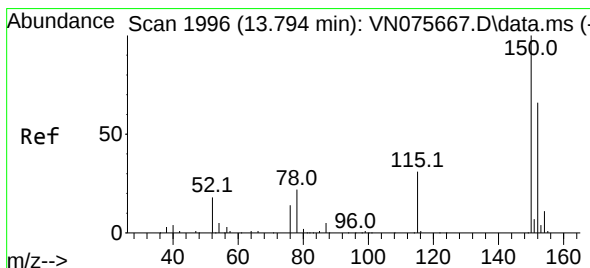
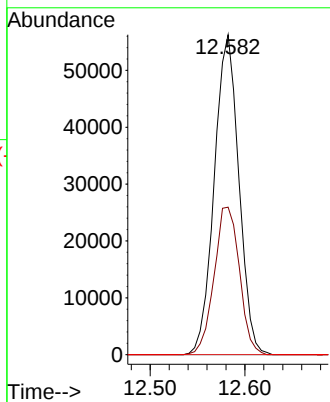
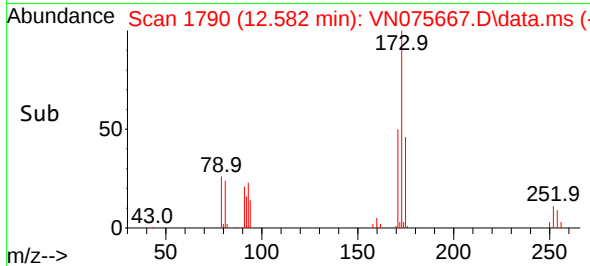
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



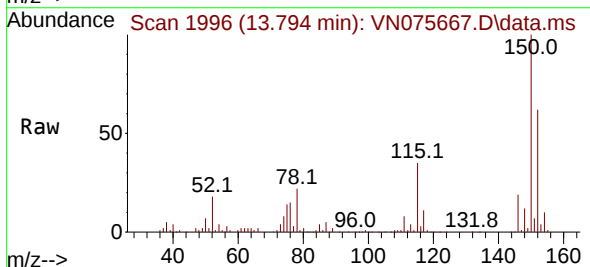
Tgt Ion:173 Resp: 101439
Ion Ratio Lower Upper
173 100
175 47.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

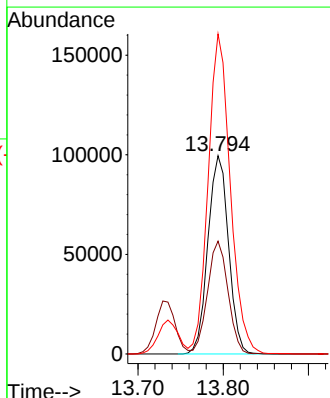
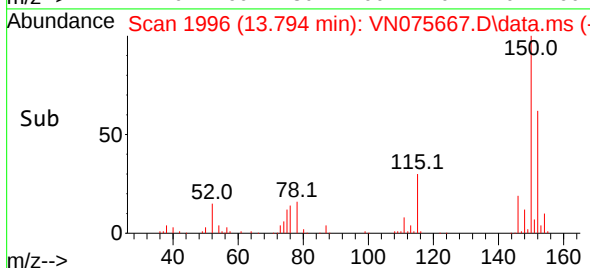
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

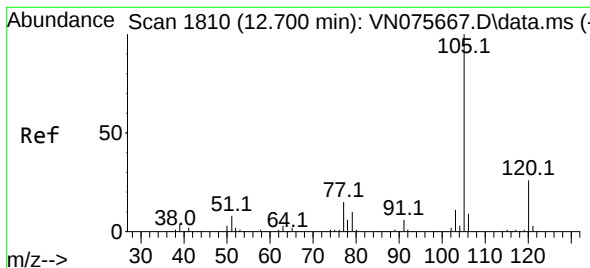


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion:152 Resp: 167023
Ion Ratio Lower Upper
152 100
115 56.8 30.2 90.6
150 173.8 0.0 348.4





#73

Isopropylbenzene

Concen: 50.229 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 61293

Ion Ratio Lower Upper

105 100

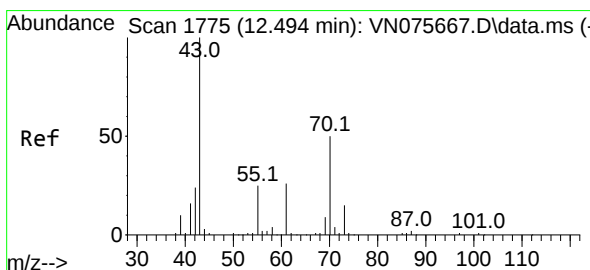
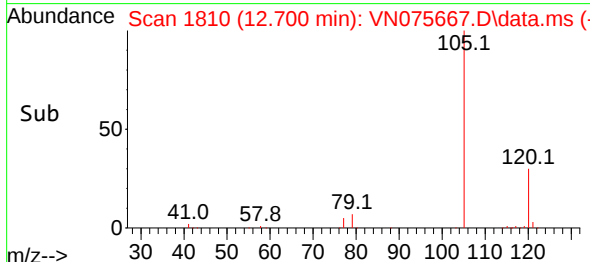
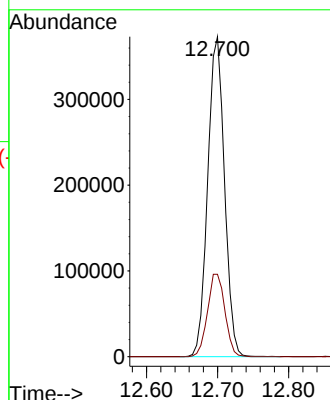
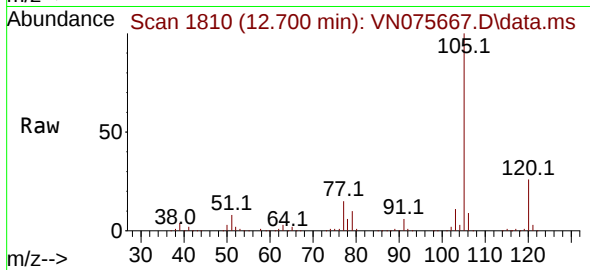
120 26.8 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#74

N-ethyl acetate

Concen: 49.467 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Tgt Ion: 43 Resp: 185577

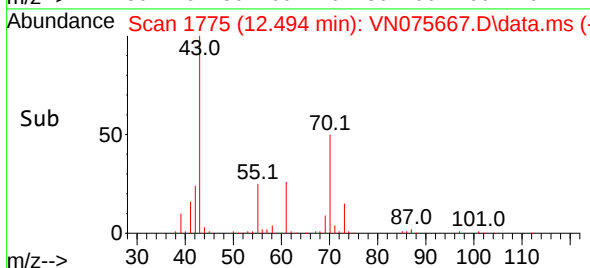
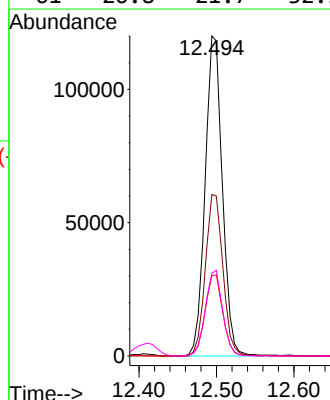
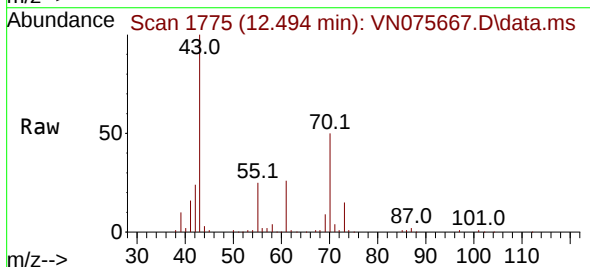
Ion Ratio Lower Upper

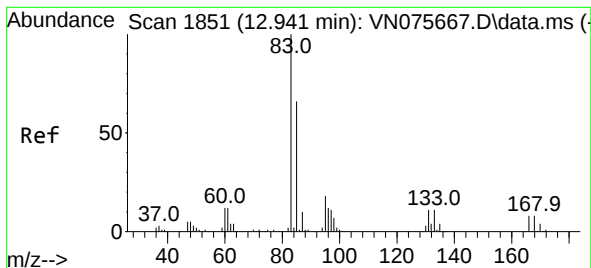
43 100

70 51.3 39.8 59.8

55 25.9 19.9 29.9

61 26.8 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.792 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

Tgt Ion: 83 Resp: 170359

Ion Ratio Lower Upper

83 100

131 11.2 5.1 15.3

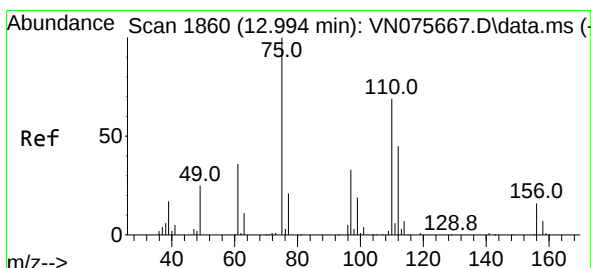
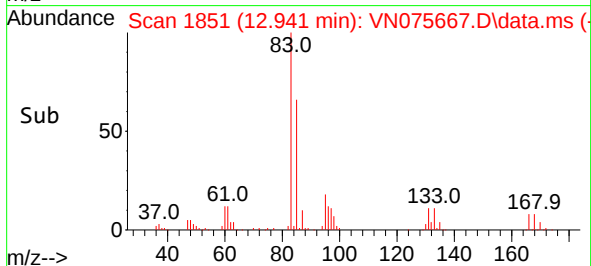
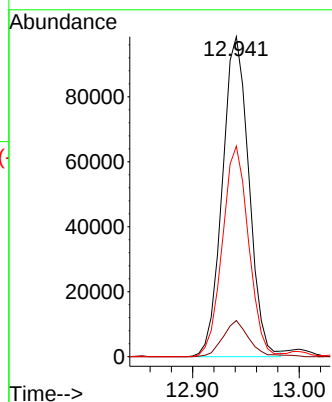
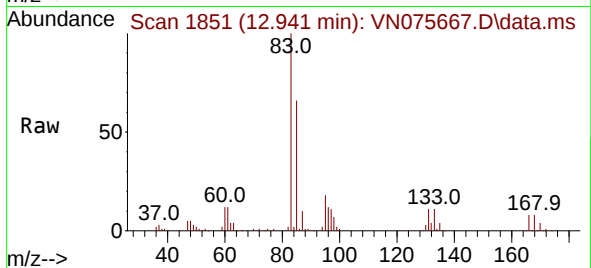
85 65.1 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#76

1,2,3-Trichloropropane

Concen: 52.157 ug/l m

RT: 12.994 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VN075667.D

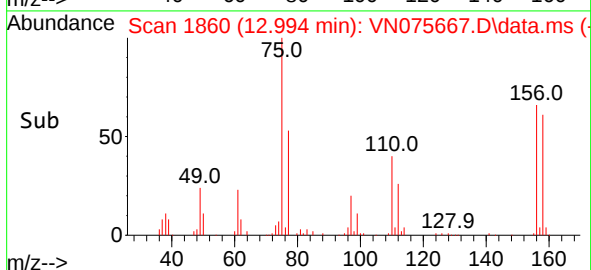
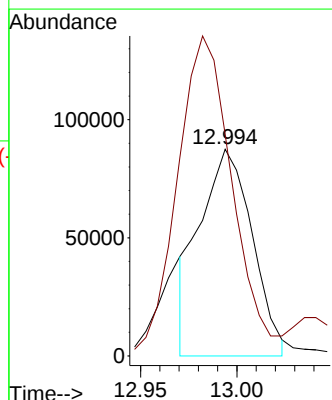
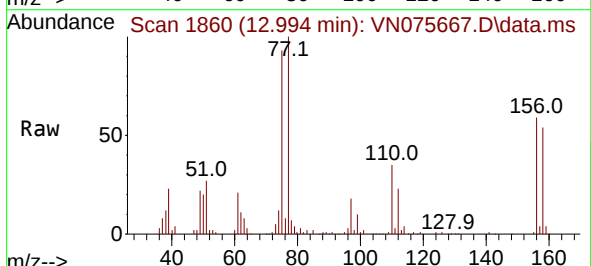
Acq: 09 Dec 2022 14:09

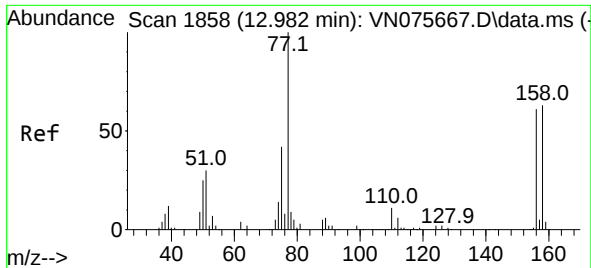
Tgt Ion: 75 Resp: 164709

Ion Ratio Lower Upper

75 100

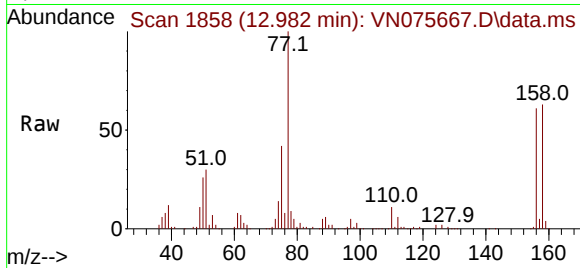
77 163.6 75.6 226.8





#77
Bromobenzene
Concen: 49.203 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

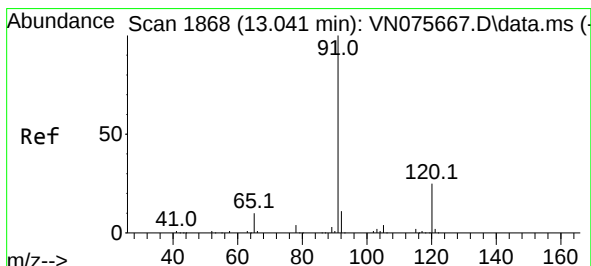
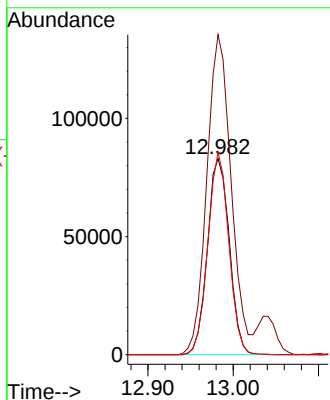
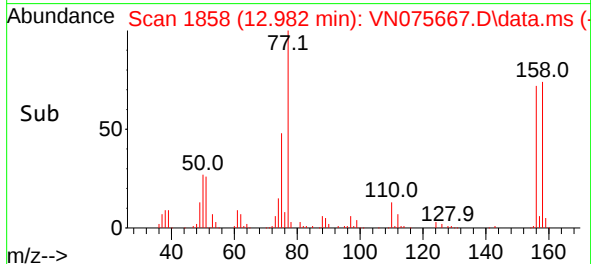
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 148228
Ion Ratio Lower Upper
156 100
77 181.7 108.5 325.5
158 98.5 47.7 143.1

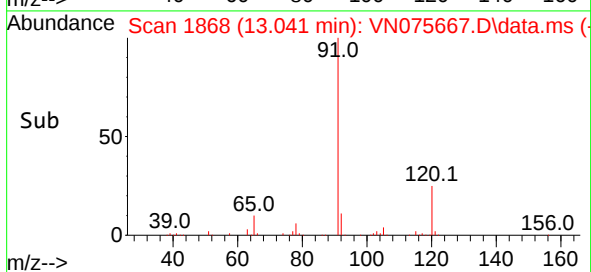
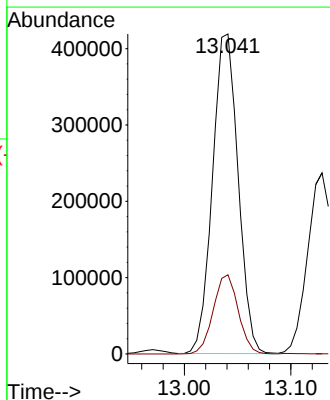
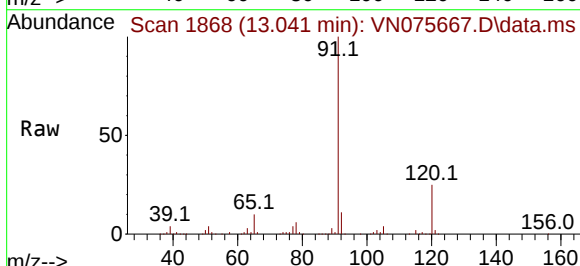
Manual Integrations
APPROVED

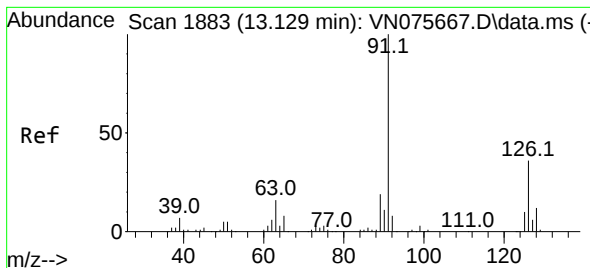
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#78
n-propylbenzene
Concen: 51.321 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Tgt Ion: 91 Resp: 698904
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





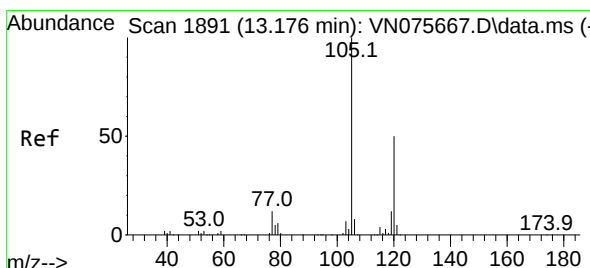
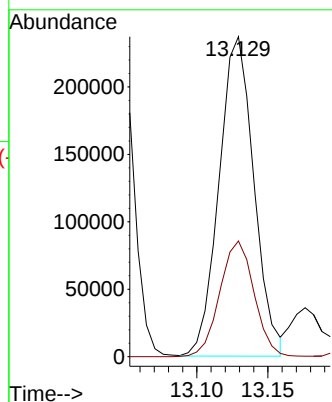
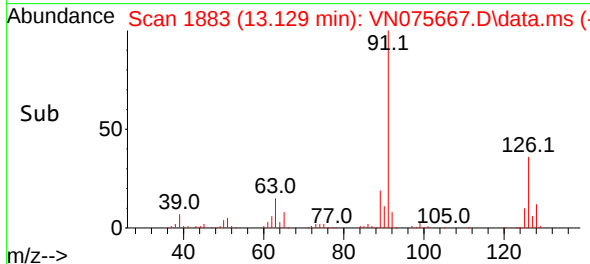
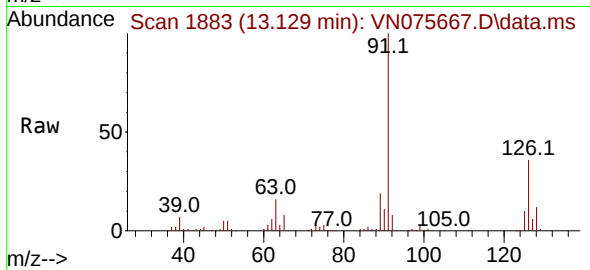
#79
2-Chlorotoluene
Concen: 49.309 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 404590
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7

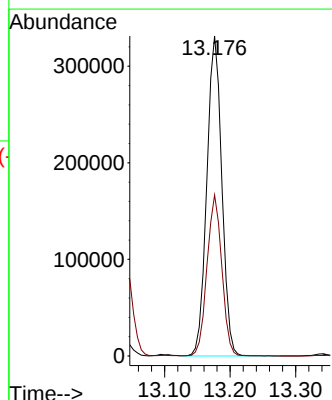
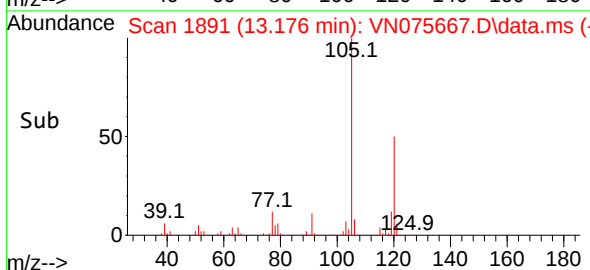
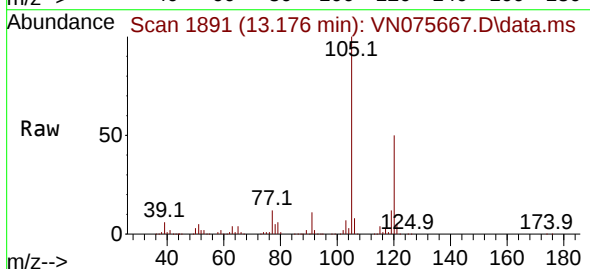
Manual Integrations
APPROVED

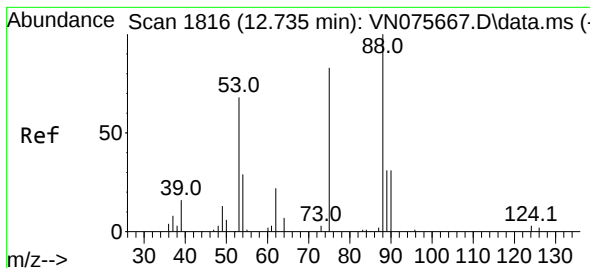
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.004 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

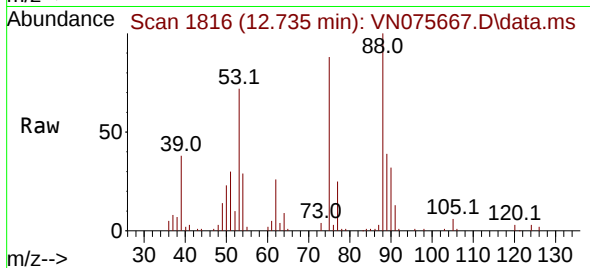
Tgt Ion:105 Resp: 527220
Ion Ratio Lower Upper
105 100
120 49.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 47.025 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

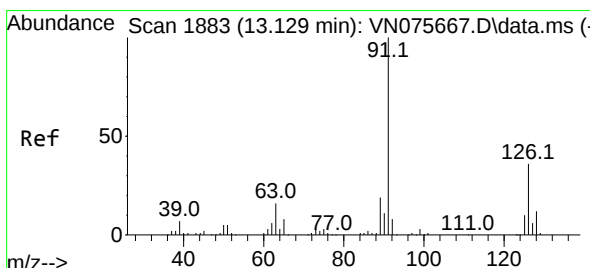
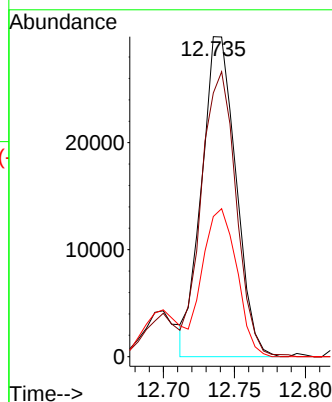
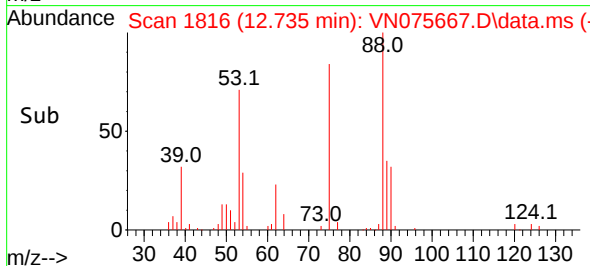
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 5019
Ion Ratio Lower Upper
75 100
53 90.5 78.5 117.7
89 45.8 37.7 56.5

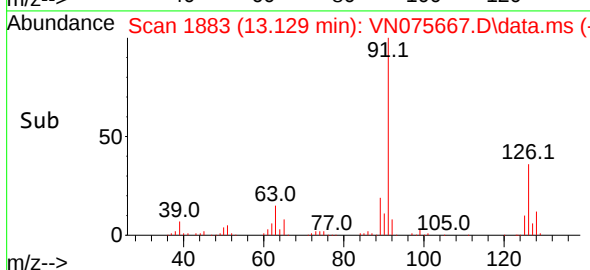
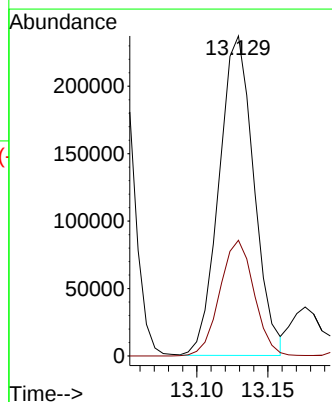
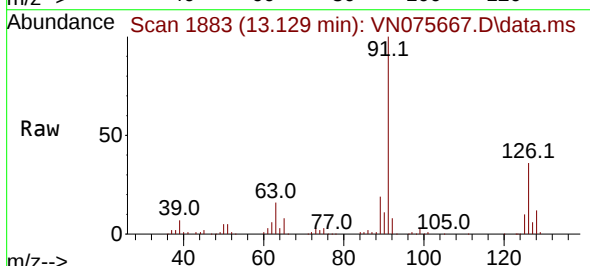
Manual Integrations
APPROVED

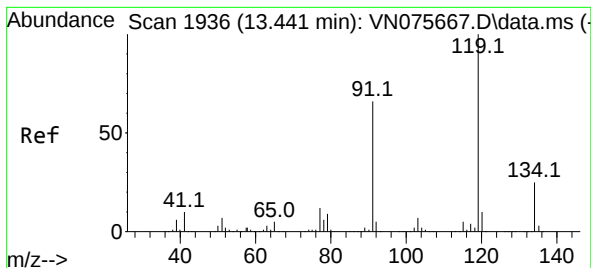
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 49.309 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

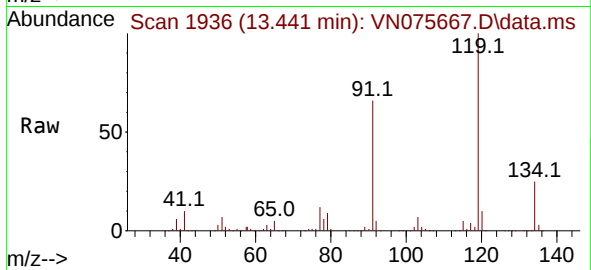
Tgt Ion: 91 Resp: 404590
Ion Ratio Lower Upper
91 100
126 35.6 16.9 50.7





#83
tert-Butylbenzene
Concen: 50.165 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

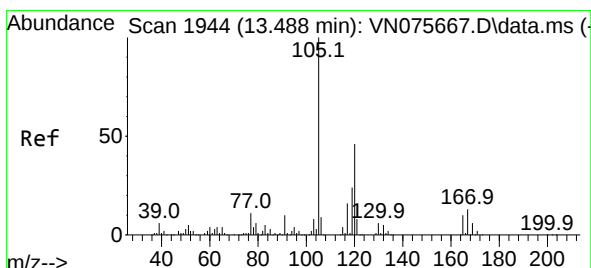
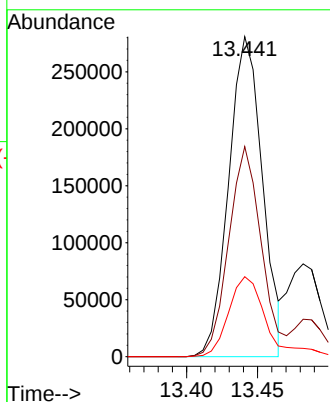
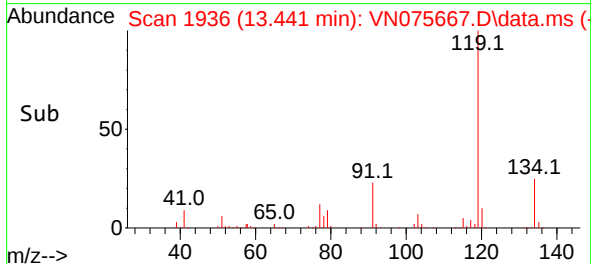
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



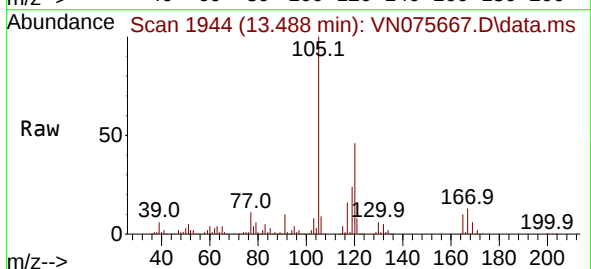
Tgt Ion:119 Resp: 463700
Ion Ratio Lower Upper
119 100
91 63.9 32.8 98.4
134 27.8 12.3 36.9

Manual Integrations
APPROVED

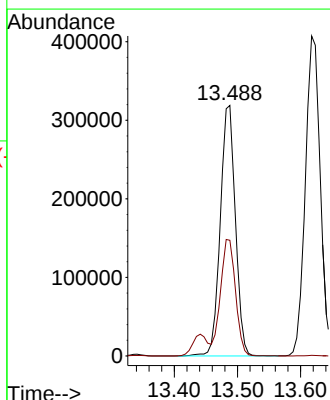
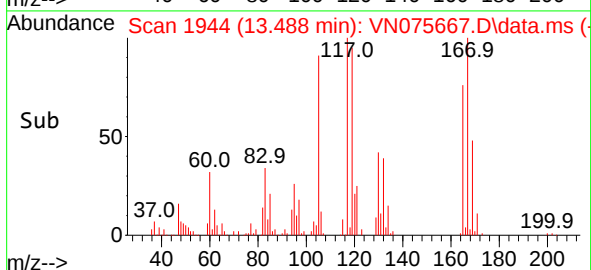
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

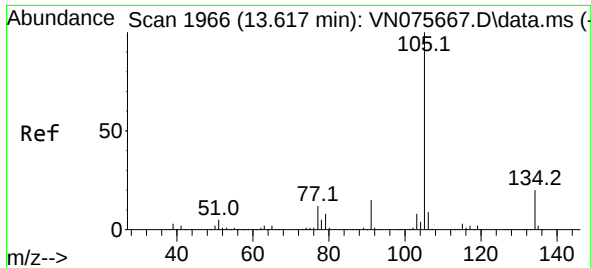


#84
1,2,4-Trimethylbenzene
Concen: 52.207 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



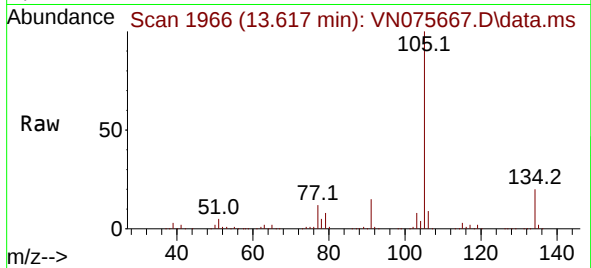
Tgt Ion:105 Resp: 530904
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 53.232 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09

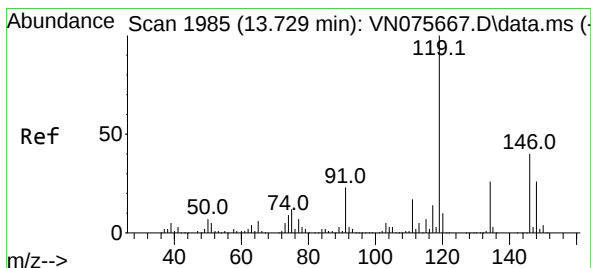
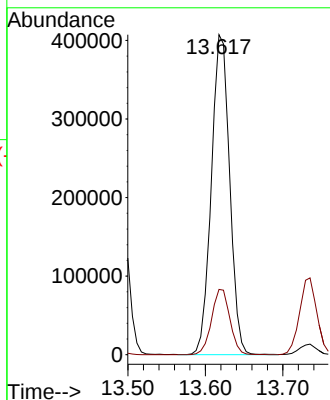
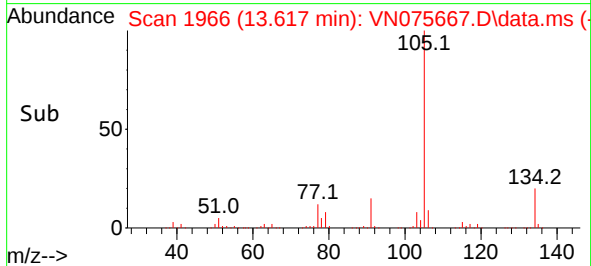
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050



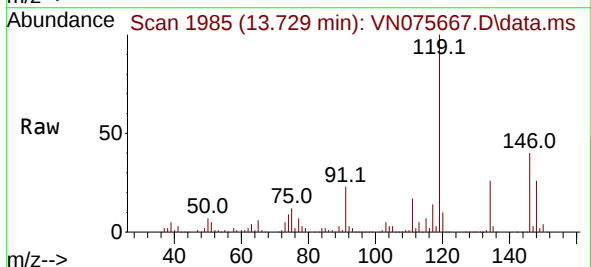
Tgt Ion:105 Resp: 667640
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6

Manual Integrations
 APPROVED

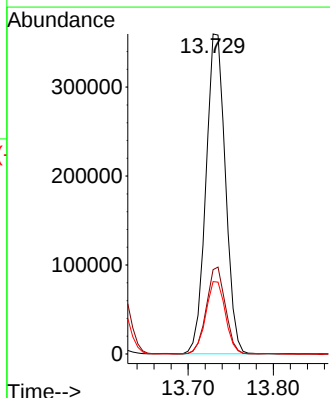
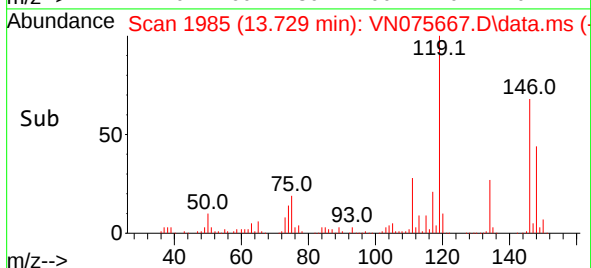
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

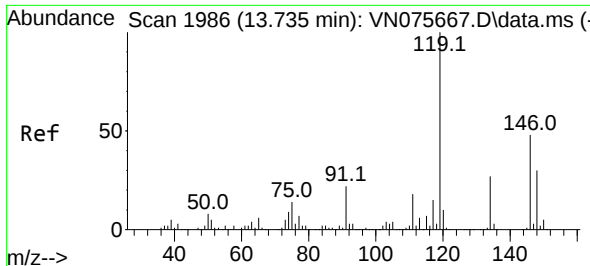


#86
 p-Isopropyltoluene
 Concen: 54.005 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075667.D
 Acq: 09 Dec 2022 14:09



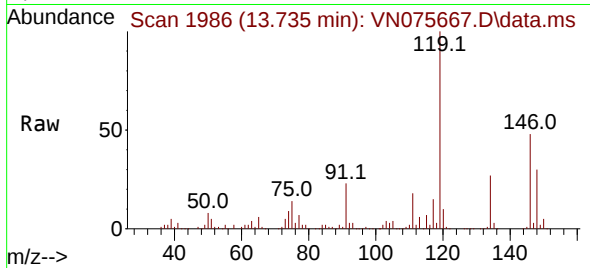
Tgt Ion:119 Resp: 569883
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.1 39.3
 91 22.7 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 49.325 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

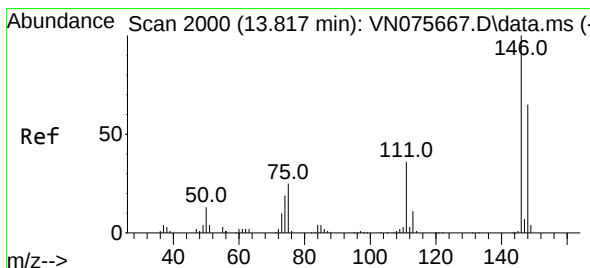
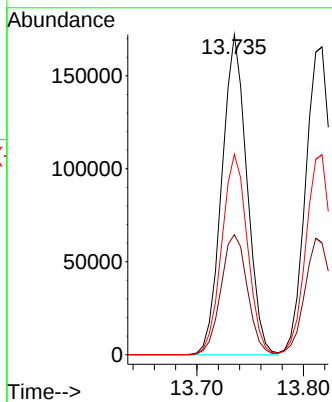
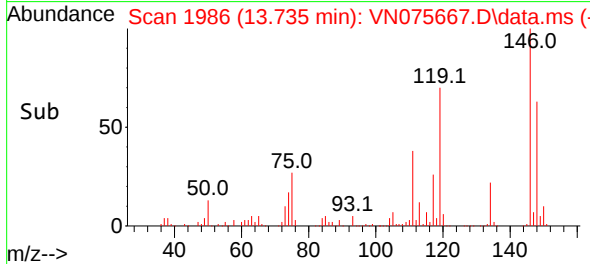
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



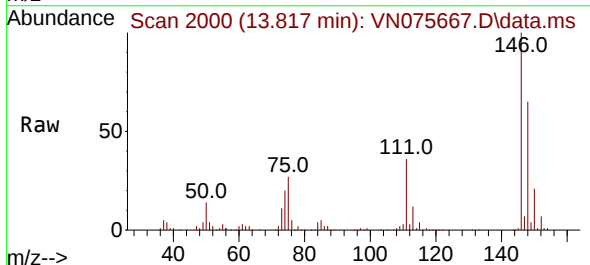
Tgt Ion:146 Resp: 281549
Ion Ratio Lower Upper
146 100
111 39.5 20.8 62.5
148 64.2 31.1 93.5

Manual Integrations
APPROVED

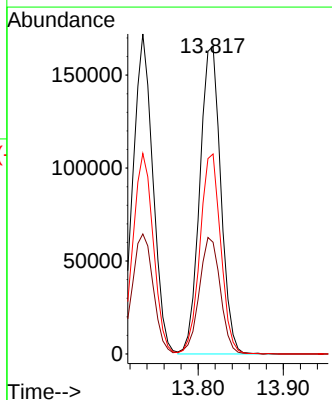
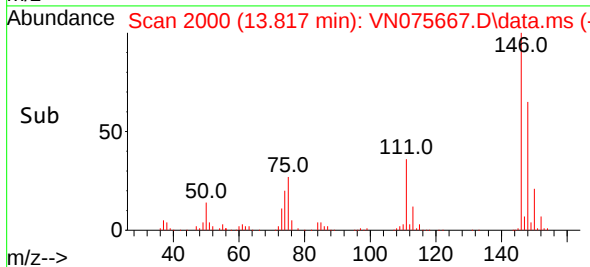
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

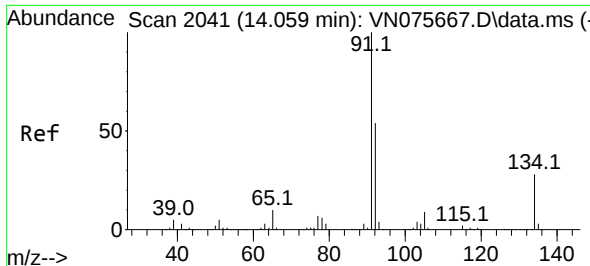


#88
1,4-Dichlorobenzene
Concen: 48.927 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion:146 Resp: 283689
Ion Ratio Lower Upper
146 100
111 38.1 20.1 60.3
148 64.2 31.9 95.7





#89

n-Butylbenzene

Concen: 51.733 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

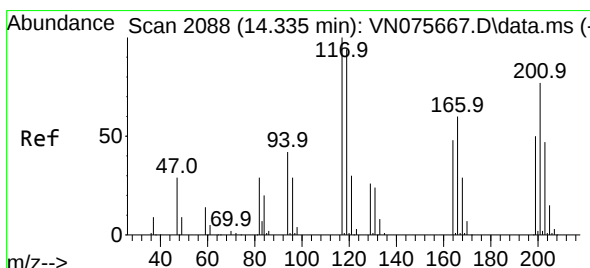
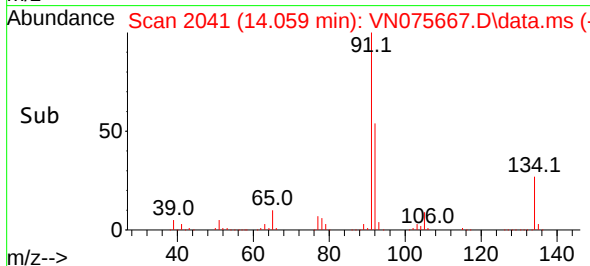
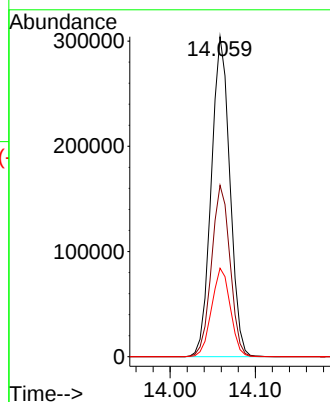
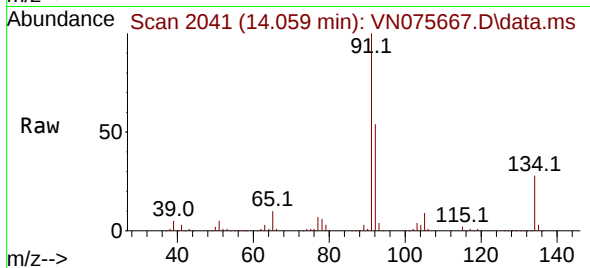
Tgt Ion: 91 Resp: 461073
 Ion Ratio Lower Upper
 91 100
 92 53.4 26.5 79.4
 134 27.8 13.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#90

Hexachloroethane

Concen: 52.589 ug/l

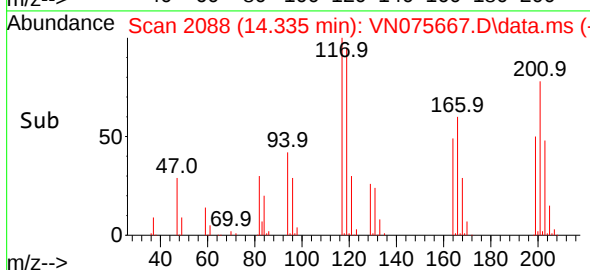
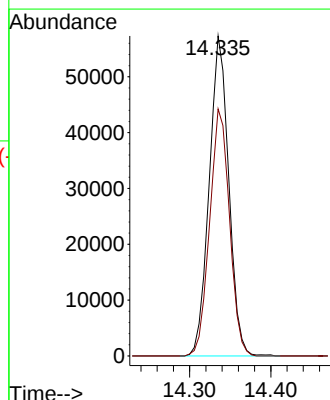
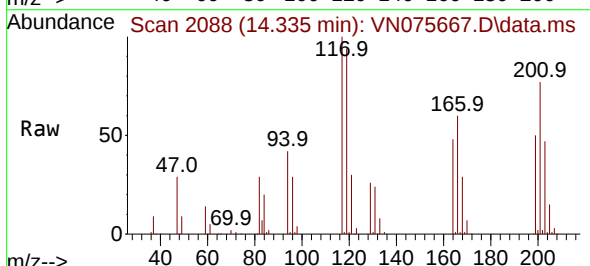
RT: 14.335 min Scan# 2088

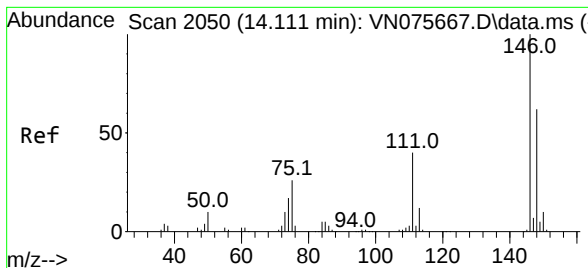
Delta R.T. 0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

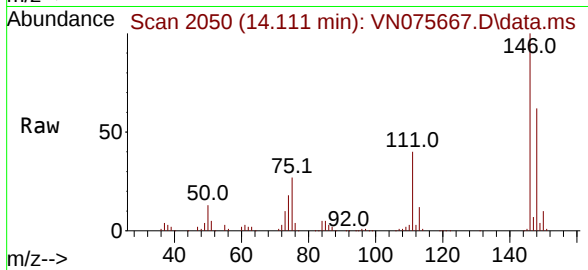
Tgt Ion:117 Resp: 95735
 Ion Ratio Lower Upper
 117 100
 201 78.4 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 50.214 ug/l
RT: 14.111 min Scan# 2050
Delta R.T. 0.005 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

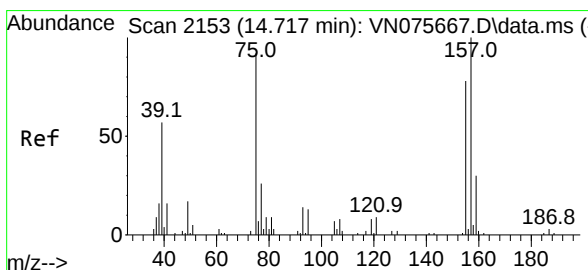
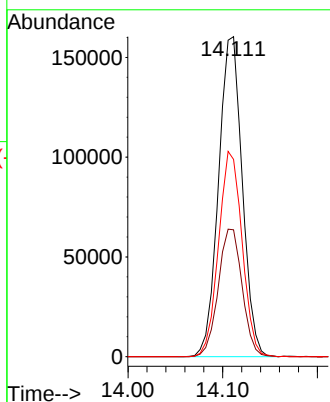
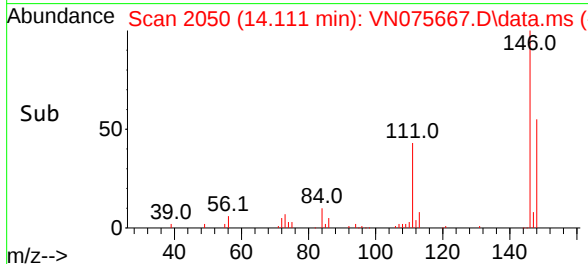
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



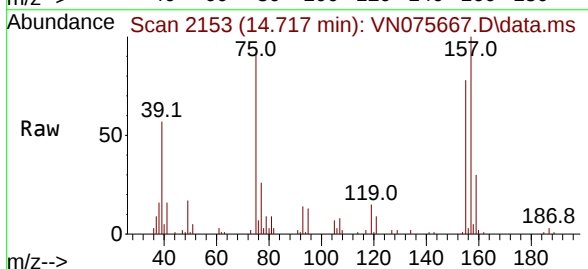
Tgt Ion:146 Resp: 279380
Ion Ratio Lower Upper
146 100
111 40.2 21.3 63.9
148 63.7 31.4 94.2

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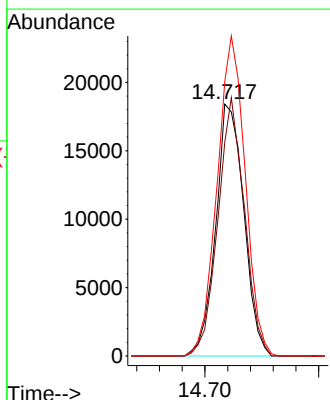
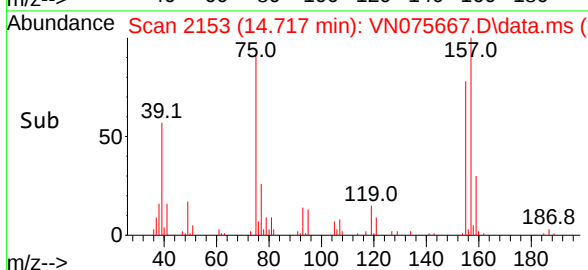
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

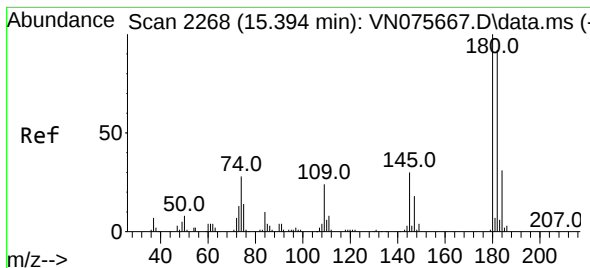


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.793 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion: 75 Resp: 31567
Ion Ratio Lower Upper
75 100
155 96.8 42.1 126.3
157 127.1 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 52.414 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075667.D

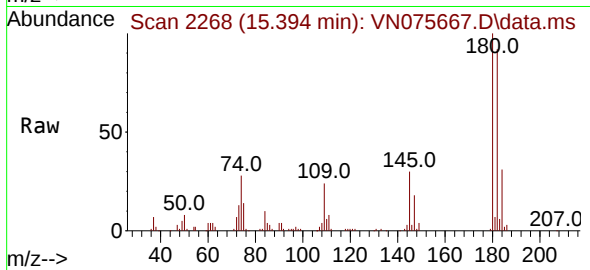
Acq: 09 Dec 2022 14:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050



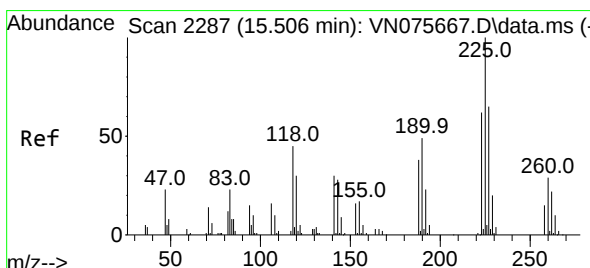
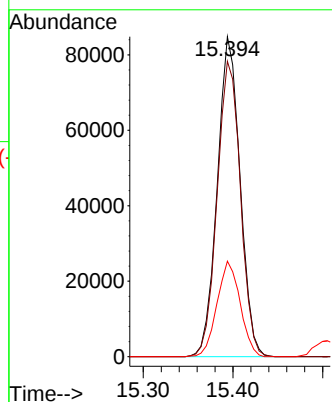
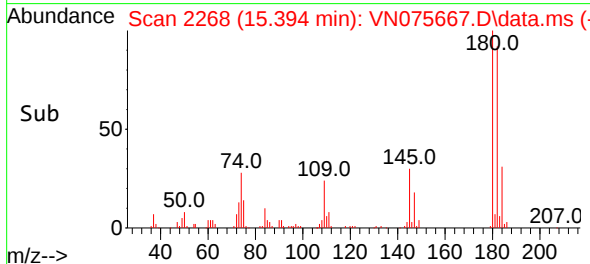
Tgt Ion:	180	Resp:	14944
Ion Ratio	Lower	Upper	
180	100		
182	94.2	47.8	143.4
145	30.3	16.8	50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#94

Hexachlorobutadiene

Concen: 53.970 ug/l

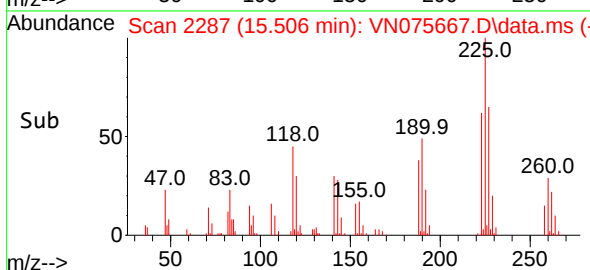
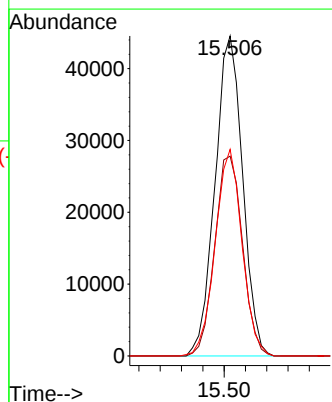
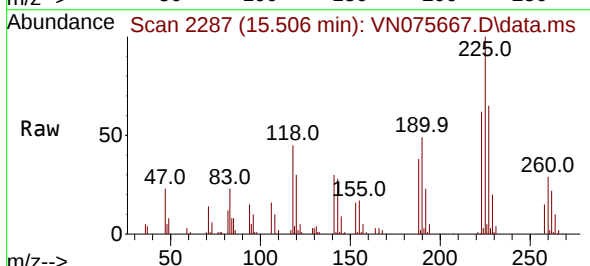
RT: 15.506 min Scan# 2287

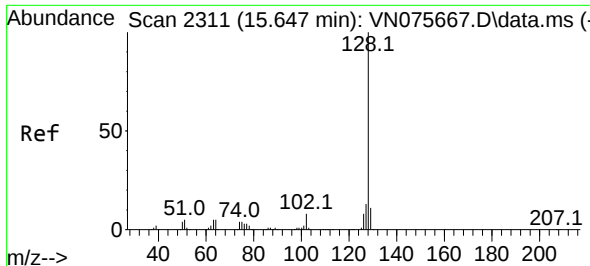
Delta R.T. -0.000 min

Lab File: VN075667.D

Acq: 09 Dec 2022 14:09

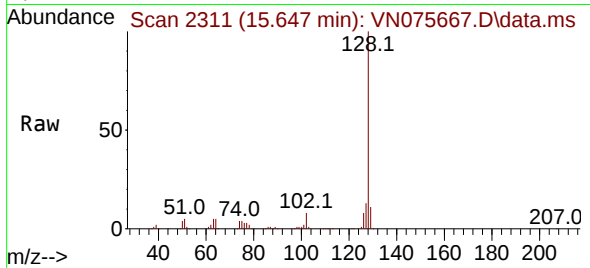
Tgt Ion:	225	Resp:	80153
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.3	96.9
227	62.6	32.0	96.2





#95
Naphthalene
Concen: 48.156 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09

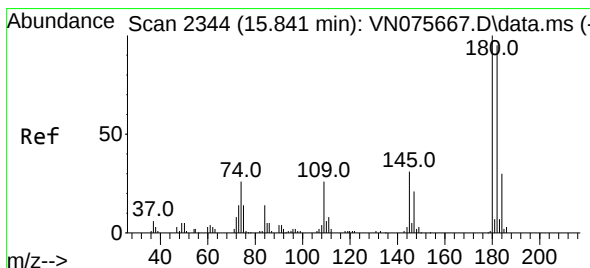
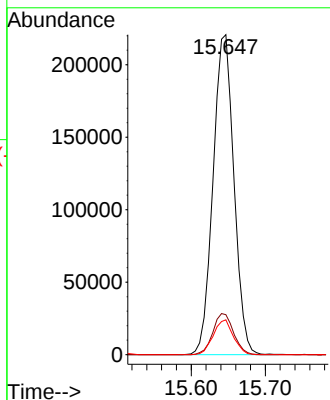
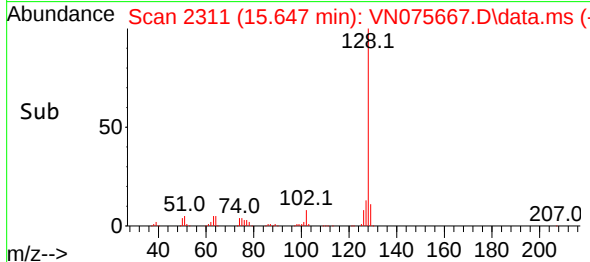
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050



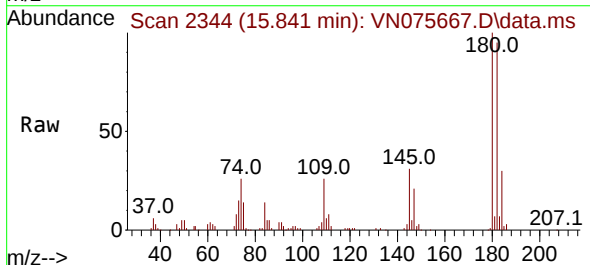
Tgt Ion:128 Resp: 43195
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.5 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.292 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075667.D
Acq: 09 Dec 2022 14:09



Tgt Ion:180 Resp: 143738
Ion Ratio Lower Upper
180 100
182 93.6 47.3 141.8
145 31.2 17.6 52.9

