

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075341.D
 Acq On : 21 Nov 2022 13:05
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2022
 Supervised By : Mahesh Dadoda 11/23/2022

Quant Time: Nov 22 04:48:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 04:47:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	162800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	132551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	60774	30.567	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	61.140%#		
35) Dibromofluoromethane	8.171	113	77006	52.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.040%		
50) Toluene-d8	10.565	98	177333	32.917	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	65.840%#		
62) 4-Bromofluorobenzene	12.847	95	138592	67.999	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	136.000%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	91402	46.187	ug/l	97
3) Chloromethane	2.371	50	101264	47.538	ug/l	100
4) Vinyl Chloride	2.524	62	138794	46.335	ug/l	97
5) Bromomethane	2.918	94	102607	47.135	ug/l	97
6) Chloroethane	3.089	64	98513	45.499	ug/l	93
7) Trichlorofluoromethane	3.489	101	192802	60.325	ug/l	98
8) Diethyl Ether	3.965	74	72967	62.446	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	111366	62.911	ug/l	94
10) Methyl Iodide	4.589	142	184637	68.785	ug/l	96
11) Tert butyl alcohol	5.541	59	133545	272.685	ug/l	100
12) 1,1-Dichloroethene	4.342	96	107380	63.402	ug/l	90
13) Acrolein	4.189	56	113241	281.108	ug/l	98
14) Allyl chloride	5.030	41	148442	61.946	ug/l	94
15) Acrylonitrile	5.724	53	301631	288.934	ug/l	99
16) Acetone	4.436	43	265604	291.456	ug/l	92
17) Carbon Disulfide	4.712	76	281098	65.888	ug/l	98
18) Methyl Acetate	5.036	43	151980	52.511	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	384292	61.765	ug/l	97
20) Methylene Chloride	5.277	84	121947	60.260	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	120106	64.516	ug/l	92
22) Diisopropyl ether	6.677	45	317096	58.886	ug/l	98
23) Vinyl Acetate	6.612	43	1311311m	293.070	ug/l	
24) 1,1-Dichloroethane	6.577	63	203644	59.469	ug/l	98
25) 2-Butanone	7.488	43	389619	276.719	ug/l	96
26) 2,2-Dichloropropane	7.494	77	189238	60.131	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	144127	64.945	ug/l	93
28) Bromochloromethane	7.818	49	84417	59.252	ug/l	86
29) Tetrahydrofuran	7.841	42	251600	278.411	ug/l	98
30) Chloroform	7.971	83	226481	60.939	ug/l	97
31) Cyclohexane	8.259	56	182561	57.628	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	214344	63.345	ug/l	95
36) 1,1-Dichloropropene	8.377	75	169699	71.850	ug/l	97
37) Ethyl Acetate	7.565	43	154523	60.492	ug/l	100
38) Carbon Tetrachloride	8.365	117	192365	73.929	ug/l	97
39) Methylcyclohexane	9.606	83	220132	71.045	ug/l	93
40) Benzene	8.612	78	506072	70.003	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	77265	63.725	ug/l	95
42) 1,2-Dichloroethane	8.671	62	165897	63.947	ug/l	97
43) Isopropyl Acetate	8.694	43	248088	63.081	ug/l	97
44) Trichloroethene	9.353	130	138853	75.278	ug/l	94
45) 1,2-Dichloropropane	9.624	63	119547	69.726	ug/l	98
46) Dibromomethane	9.706	93	94200	70.378	ug/l	91
47) Bromodichloromethane	9.888	83	182523	70.428	ug/l	99
48) Methyl methacrylate	9.682	41	113289	62.385	ug/l	95
49) 1,4-Dioxane	9.700	88	65919	1360.682	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	809256	319.196	ug/l	96
52) Toluene	10.629	92	344215	71.838	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	197944	72.861	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	209547	72.454	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	134468	70.723	ug/l	96
56) Ethyl methacrylate	10.876	69	199952	69.421	ug/l	99
57) 1,3-Dichloropropane	11.165	76	218876	69.069	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	336978	306.198	ug/l	97
59) 2-Hexanone	11.194	43	623022	323.533	ug/l	97
60) Dibromochloromethane	11.359	129	153892	75.892	ug/l	99
61) 1,2-Dibromoethane	11.470	107	143150	73.158	ug/l	98
64) Tetrachloroethene	11.106	164	127847	82.860	ug/l	93
65) Chlorobenzene	11.894	112	372519	72.068	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	140967	73.401	ug/l	99
67) Ethyl Benzene	11.965	91	675412	73.162	ug/l	98
68) m/p-Xylenes	12.070	106	544956	147.853	ug/l	100
69) o-Xylene	12.400	106	269890	73.936	ug/l	96
70) Styrene	12.412	104	450000	77.058	ug/l	97
71) Bromoform	12.576	173	122290	84.058	ug/l #	99
73) Isopropylbenzene	12.694	105	706178	67.131	ug/l	98
74) N-amyl acetate	12.494	43	242445	63.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	206291	69.766	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	149855m	54.731	ug/l	
77) Bromobenzene	12.982	156	171546	72.626	ug/l	87
78) n-propylbenzene	13.035	91	816139	68.998	ug/l	99
79) 2-Chlorotoluene	13.123	91	476103	66.205	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	610032	69.058	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	71293	66.845	ug/l	91
82) 4-Chlorotoluene	13.123	91	476103	66.205	ug/l	98
83) tert-Butylbenzene	13.441	119	544535	69.163	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	619852	69.447	ug/l	98
85) sec-Butylbenzene	13.617	105	776093	70.603	ug/l	100
86) p-Isopropyltoluene	13.729	119	668216	73.454	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	335703	73.169	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	333884	73.480	ug/l	98
89) n-Butylbenzene	14.059	91	566433	77.064	ug/l	99
90) Hexachloroethane	14.335	117	113503	68.334	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	325389	71.231	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43508	62.148	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	185014	90.586	ug/l	99
94) Hexachlorobutadiene	15.500	225	92734	91.236	ug/l	98
95) Naphthalene	15.641	128	595534	78.997	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	178156	88.362	ug/l	98

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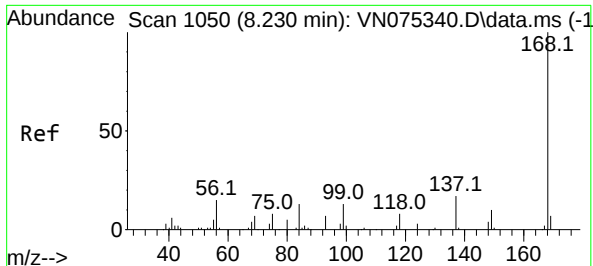
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

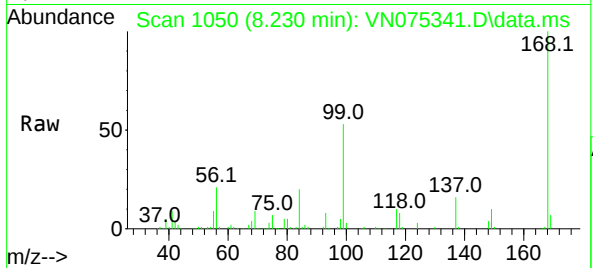
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075341.D
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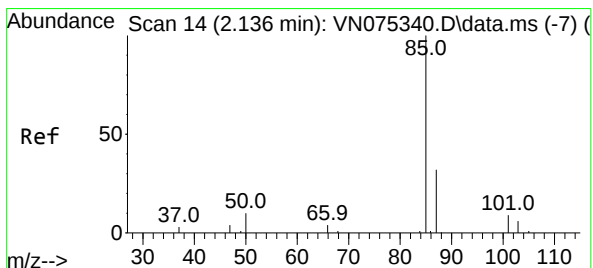
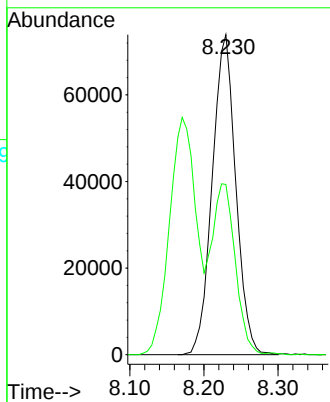
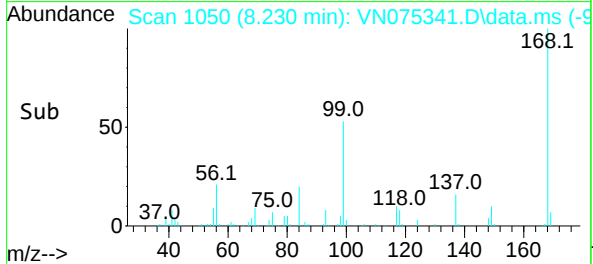
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Tgt Ion:168 Resp: 162800
Ion Ratio Lower Upper
168 100
99 52.9 51.6 77.4

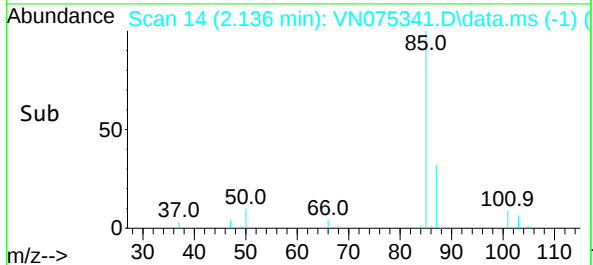
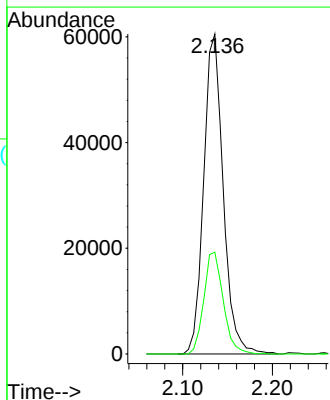
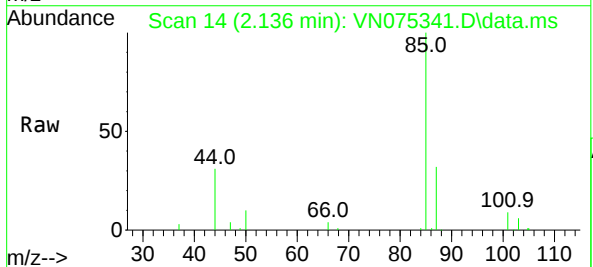
Manual Integrations
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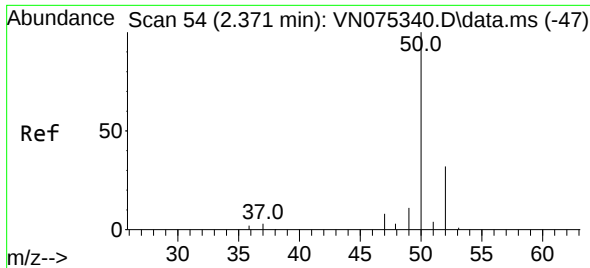
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#2
Dichlorodifluoromethane
Concen: 46.187 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

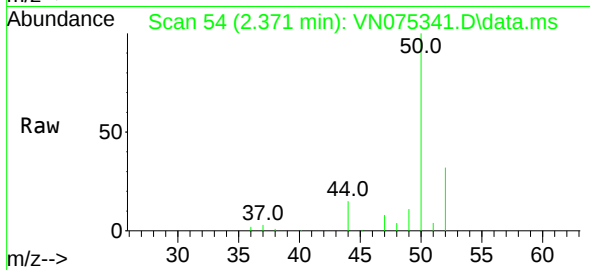
Tgt Ion: 85 Resp: 91402
Ion Ratio Lower Upper
85 100
87 31.8 16.7 50.0





#3
Chloromethane
Concen: 47.538 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

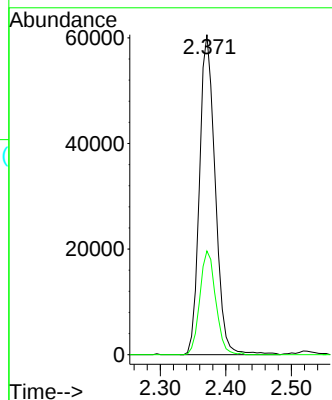
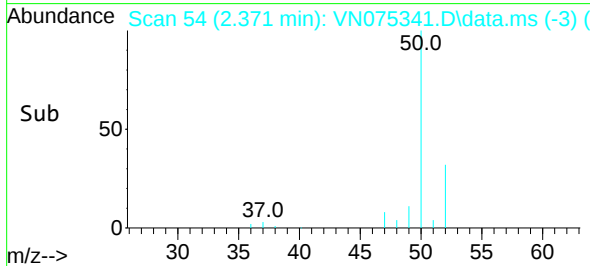
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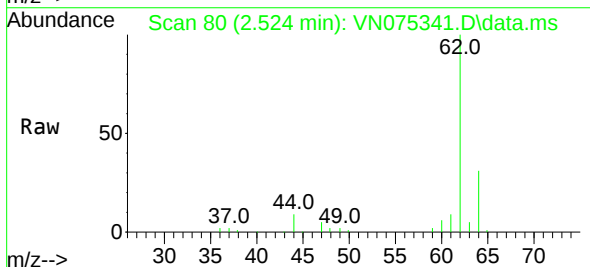
Tgt Ion: 50 Resp: 101264
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.6

Manual Integrations
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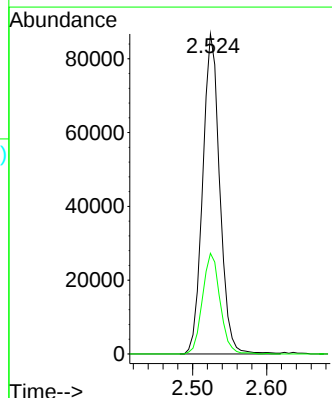
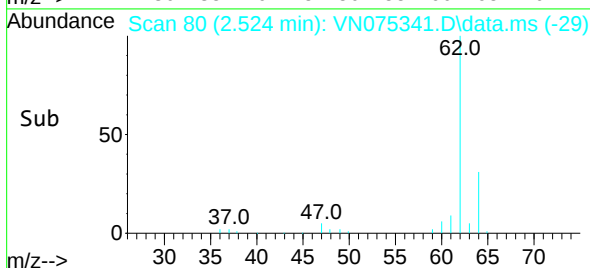
Reviewed By :John Carlone 11/22/2022
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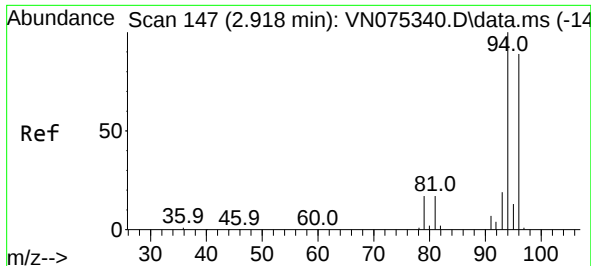


#4
Vinyl Chloride
Concen: 46.335 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



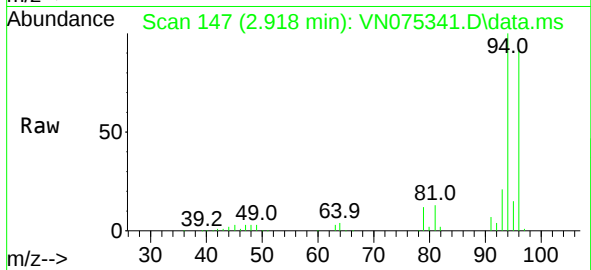
Tgt Ion: 62 Resp: 138794
Ion Ratio Lower Upper
62 100
64 31.5 24.0 36.0





#5
Bromomethane
Concen: 47.135 ug/l
RT: 2.918 min Scan# 147
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

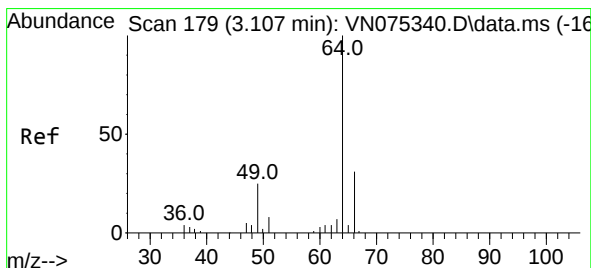
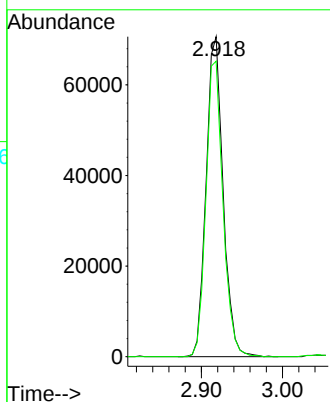
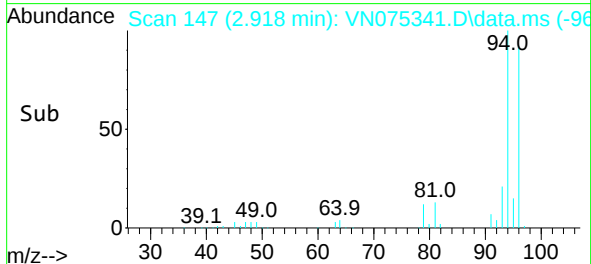
Instrument :
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Tgt Ion: 94 Resp: 10260
Ion Ratio Lower Upper
94 100
96 92.4 71.8 107.6

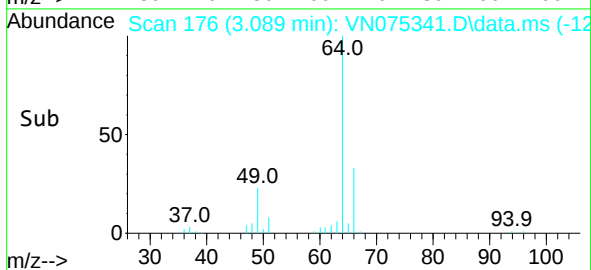
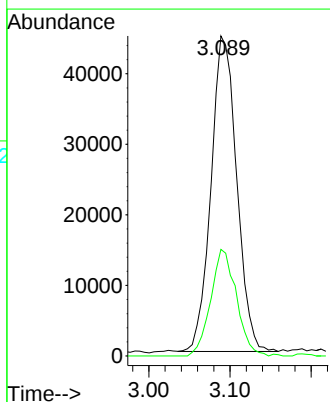
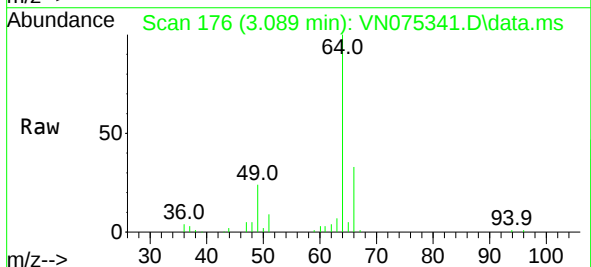
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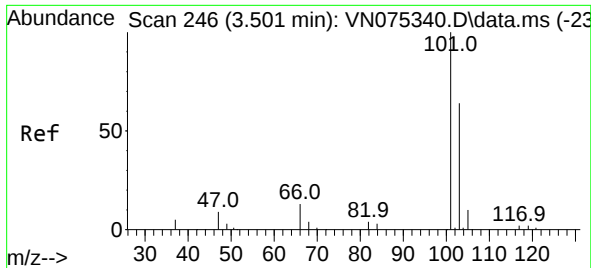
Reviewed By :John Carlone 11/22/2022
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#6
Chloroethane
Concen: 45.499 ug/l
RT: 3.089 min Scan# 176
Delta R.T. -0.018 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Tgt Ion: 64 Resp: 98513
Ion Ratio Lower Upper
64 100
66 33.8 23.8 35.8





#7
Trichlorofluoromethane
Concen: 60.325 ug/l
RT: 3.489 min Scan# 246
Delta R.T. -0.012 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

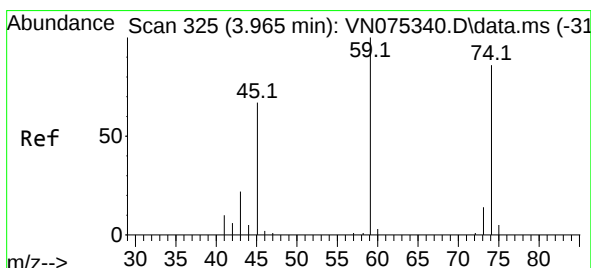
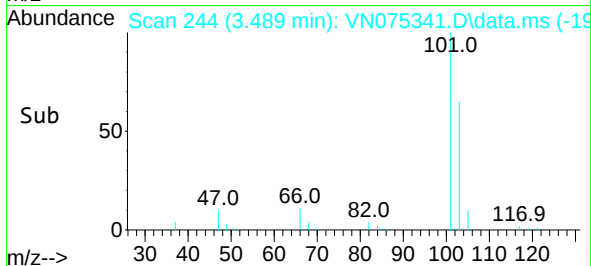
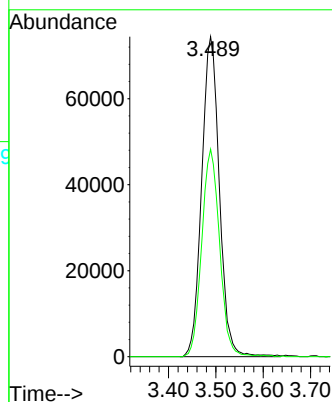
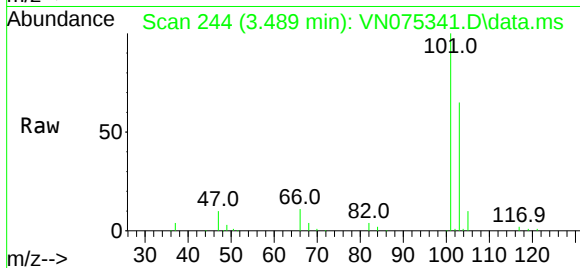
VSTDIC075

Tgt Ion:101 Resp: 19280
Ion Ratio Lower Upper
101 100
103 64.9 50.5 75.7

Manual Integrations

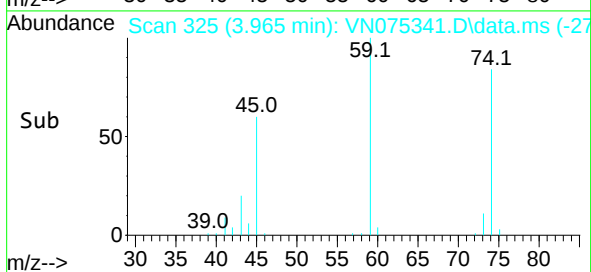
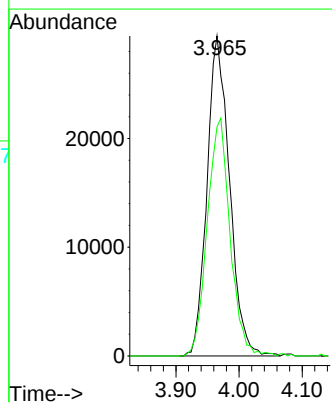
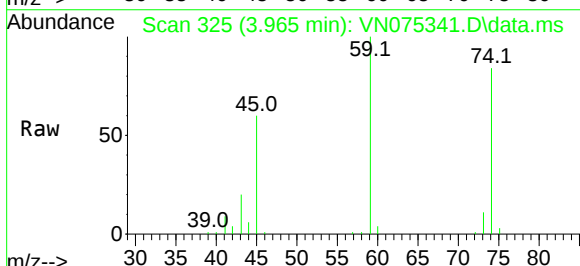
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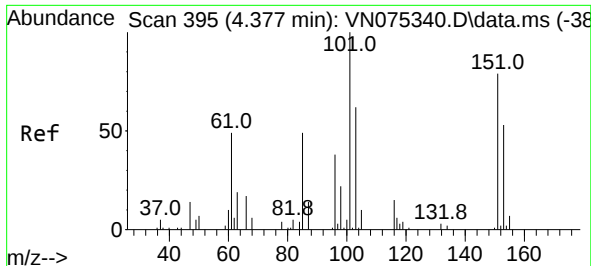
Reviewed By :John Carlone 11/22/2022
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#8
Diethyl Ether
Concen: 62.446 ug/l
RT: 3.965 min Scan# 325
Delta R.T. -0.000 min
Lab File: VN075341.D
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Tgt Ion: 74 Resp: 72967
Ion Ratio Lower Upper
74 100
45 75.1 39.3 117.9





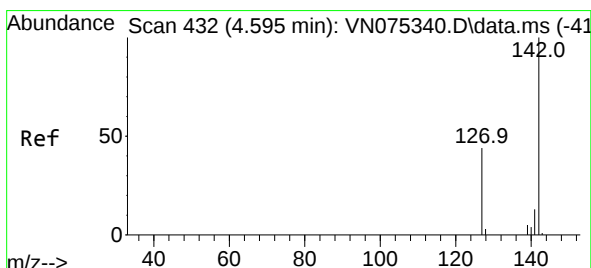
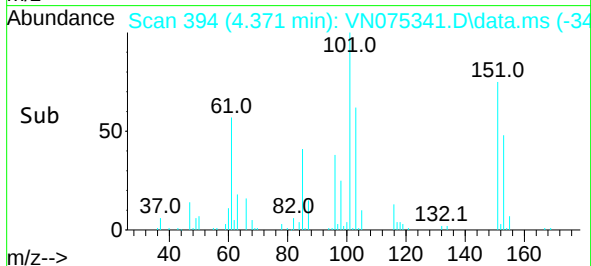
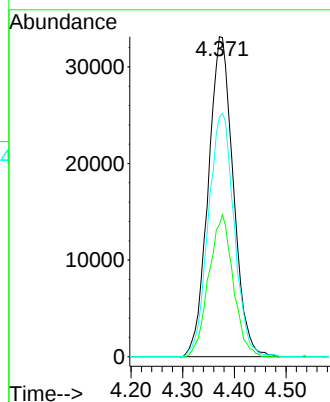
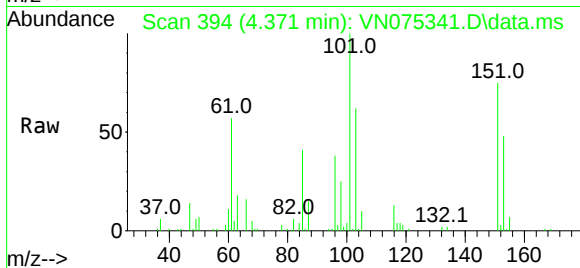
#9
1,1,2-Trichlorotrifluoroethane
Concen: 62.911 ug/l
RT: 4.371 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 111360
Ion Ratio Lower Upper
101 100
85 43.1 37.6 56.4
151 78.3 58.3 87.5

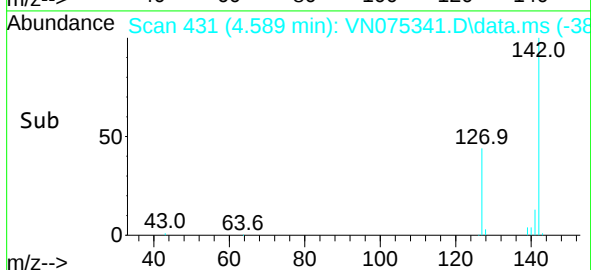
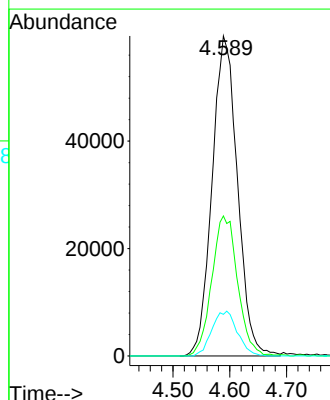
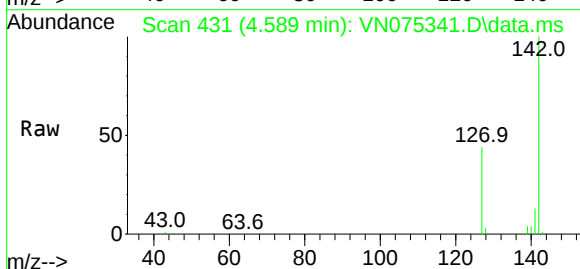
Manual Integrations
APPROVED

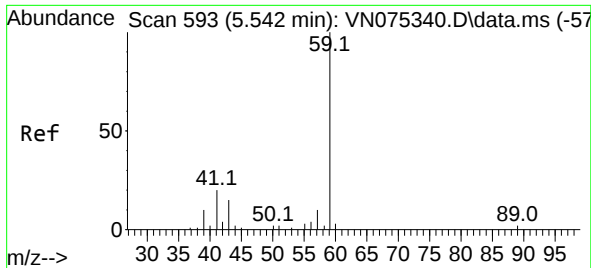
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#10
Methyl Iodide
Concen: 68.785 ug/l
RT: 4.589 min Scan# 431
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Tgt Ion:142 Resp: 184637
Ion Ratio Lower Upper
142 100
127 44.5 38.0 57.0
141 14.1 12.2 18.4





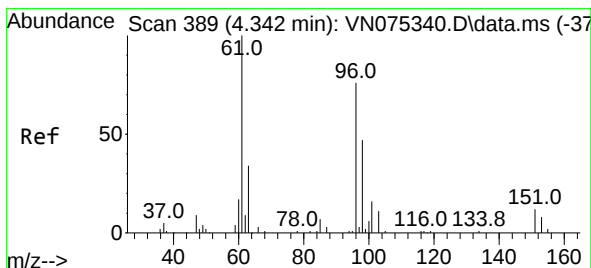
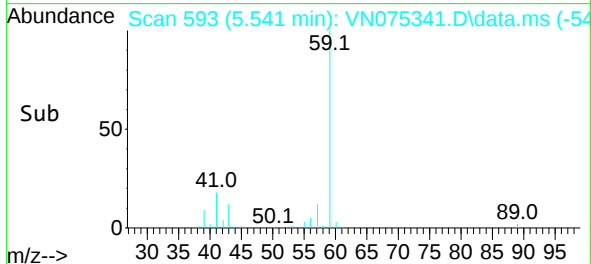
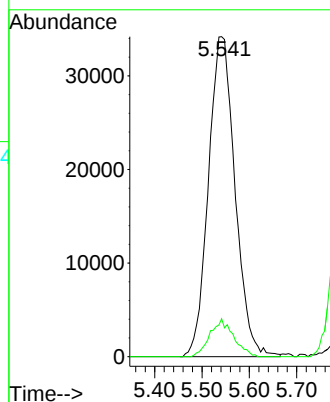
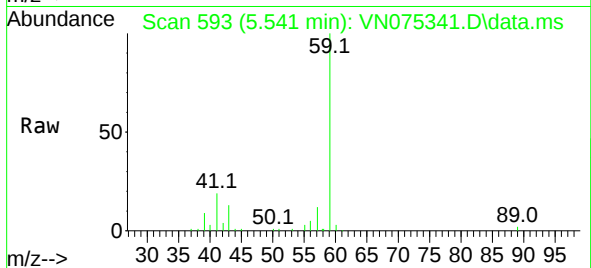
#11
Tert butyl alcohol
Concen: 272.685 ug/l
RT: 5.541 min Scan# 593
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 13354
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

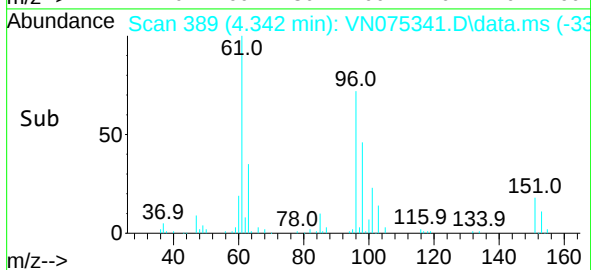
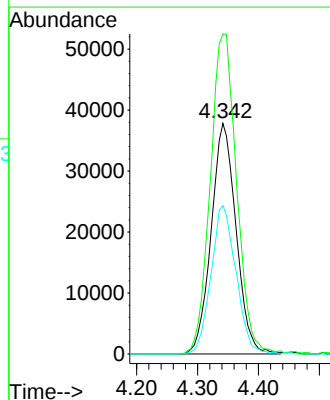
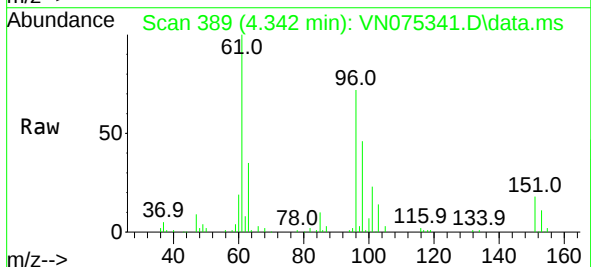
Manual Integrations
APPROVED

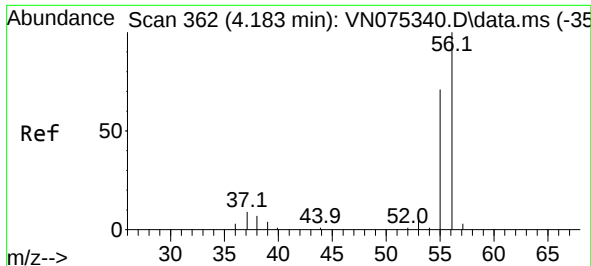
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#12
1,1-Dichloroethene
Concen: 63.402 ug/l
RT: 4.342 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

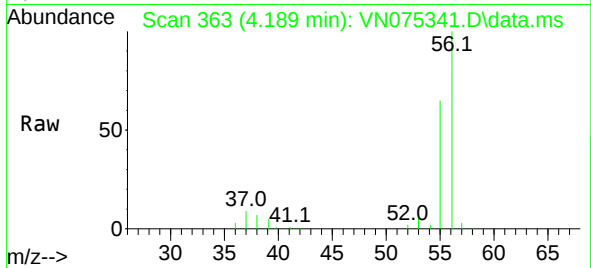
Tgt Ion: 96 Resp: 107380
Ion Ratio Lower Upper
96 100
61 138.8 126.2 189.4
98 64.4 51.5 77.3





#13
Acrolein
Concen: 281.108 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

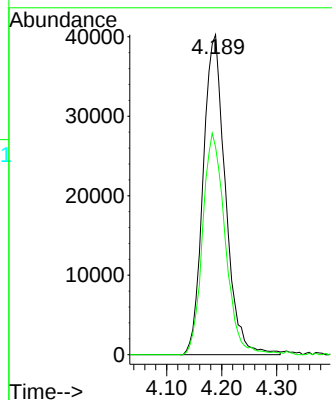
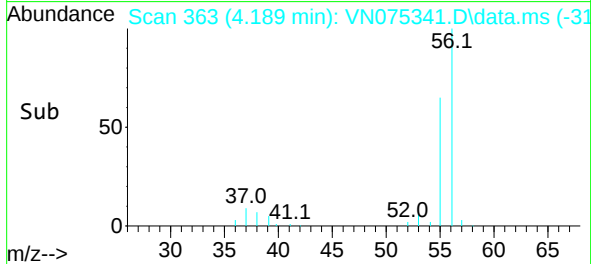
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



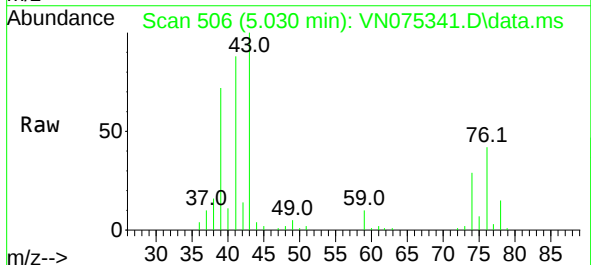
Tgt Ion: 56 Resp: 11324
Ion Ratio Lower Upper
56 100
55 70.3 55.2 82.8

Manual Integrations
APPROVED

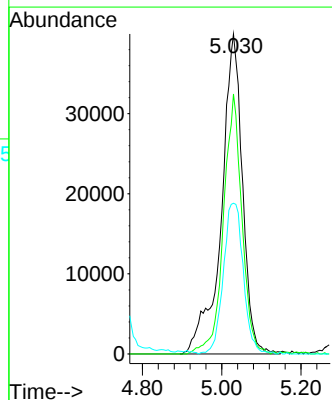
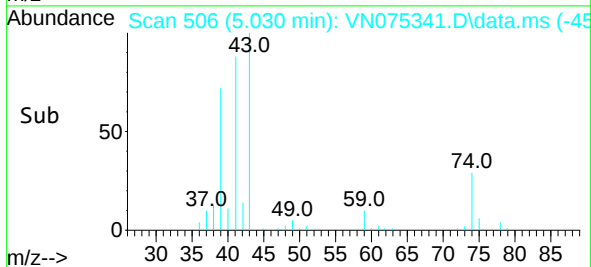
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

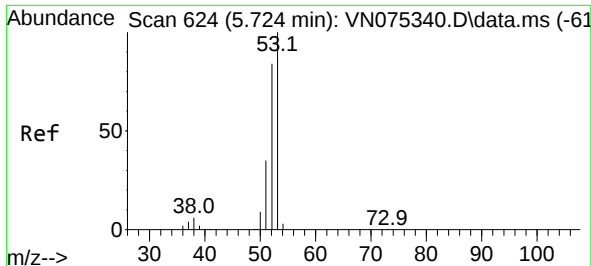


#14
Allyl chloride
Concen: 61.946 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



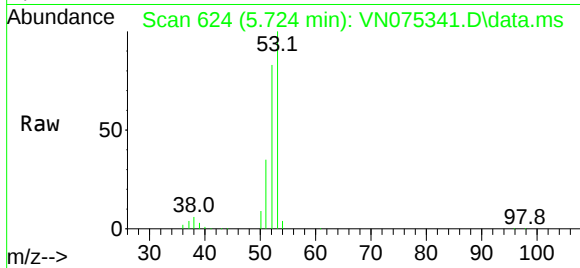
Tgt Ion: 41 Resp: 148442
Ion Ratio Lower Upper
41 100
39 70.5 61.0 91.4
76 44.3 33.4 50.0





#15
Acrylonitrile
Concen: 288.934 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

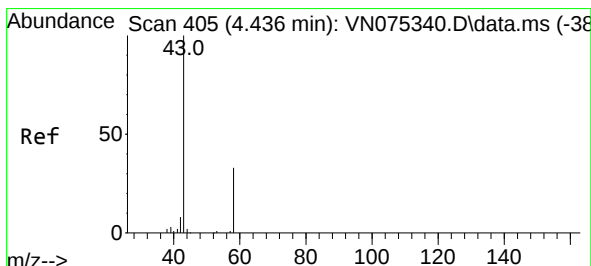
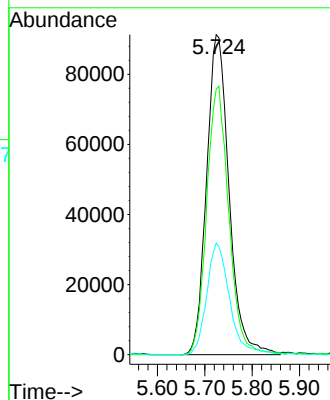
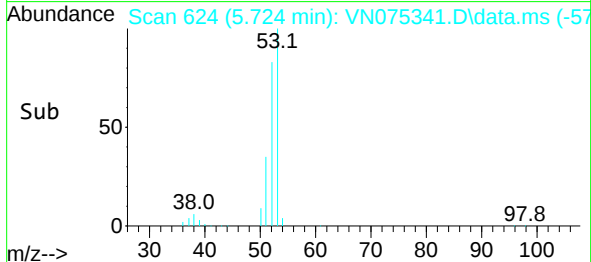
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



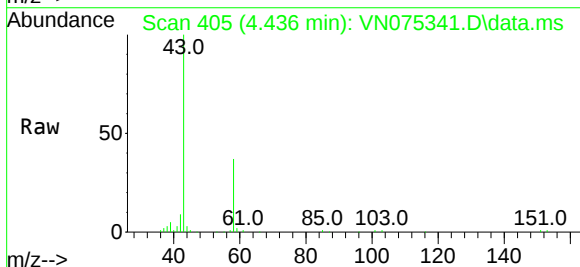
Tgt Ion: 53 Resp: 30163
Ion Ratio Lower Upper
53 100
52 82.4 66.4 99.6
51 35.4 29.6 44.4

Manual Integrations
APPROVED

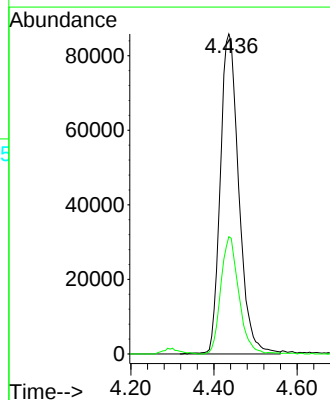
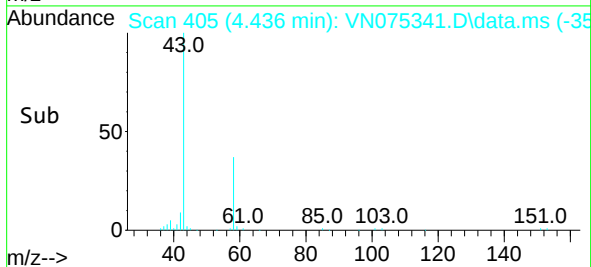
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

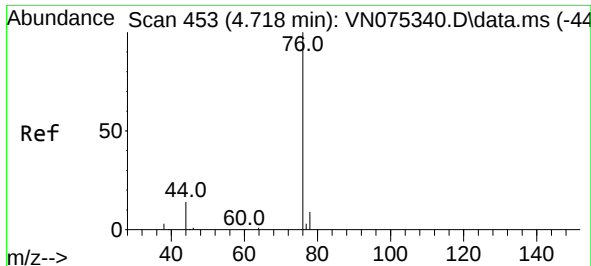


#16
Acetone
Concen: 291.456 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



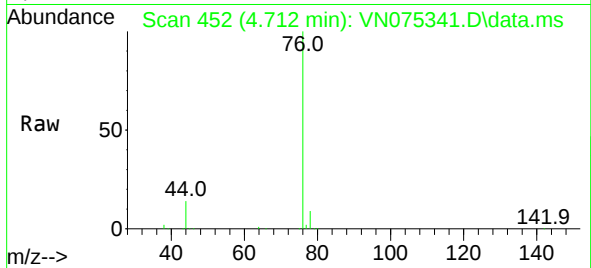
Tgt Ion: 43 Resp: 265604
Ion Ratio Lower Upper
43 100
58 36.4 25.5 38.3





#17
Carbon Disulfide
Concen: 65.888 ug/l
RT: 4.712 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

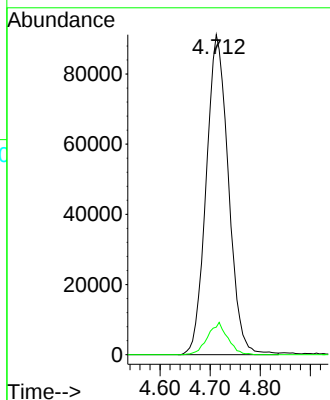
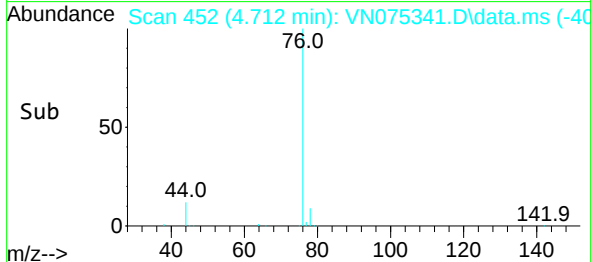
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 76 Resp: 281098
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

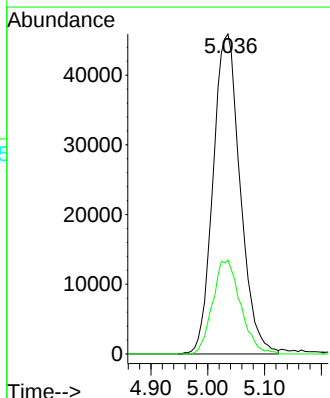
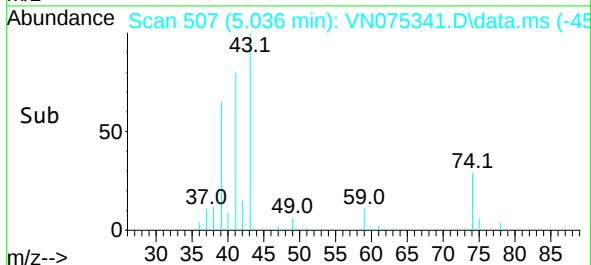
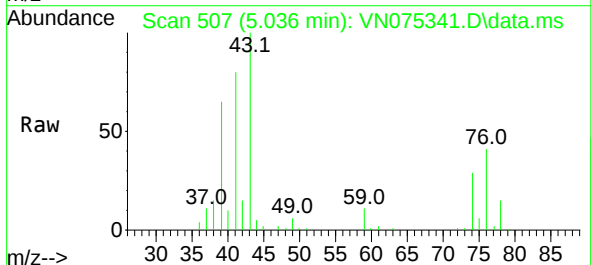
Manual Integrations
APPROVED

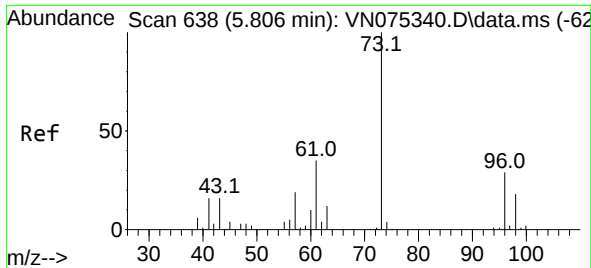
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#18
Methyl Acetate
Concen: 52.511 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Tgt Ion: 43 Resp: 151980
Ion Ratio Lower Upper
43 100
74 30.1 22.0 33.0





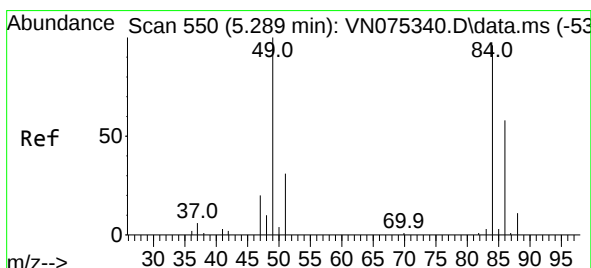
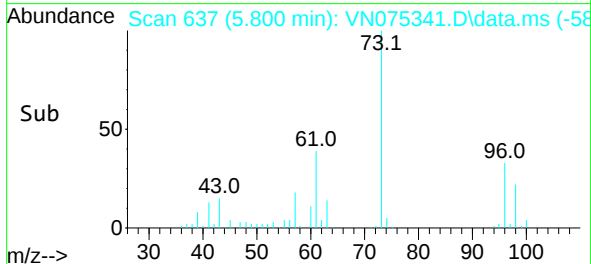
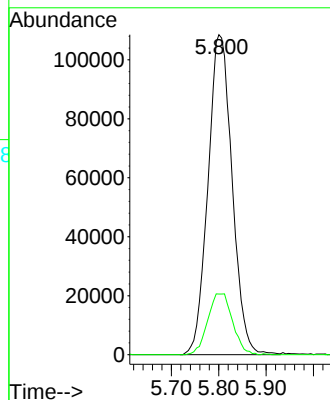
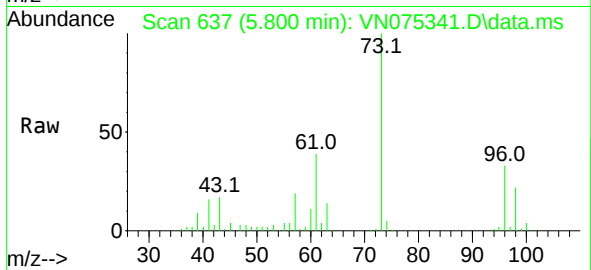
#19
Methyl tert-butyl Ether
Concen: 61.765 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 384292
Ion Ratio Lower Upper
73 100
57 18.9 16.3 24.5

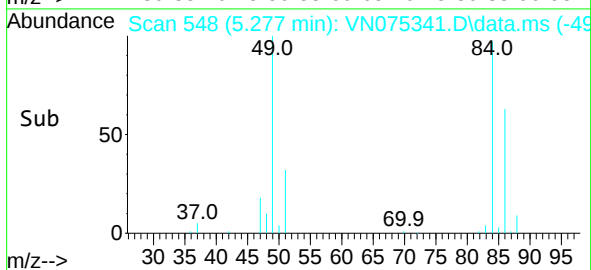
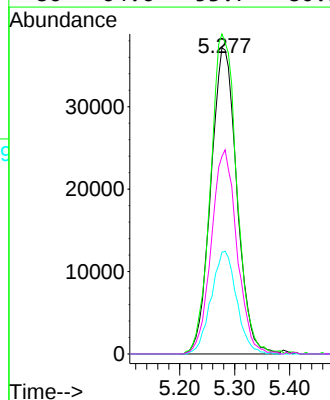
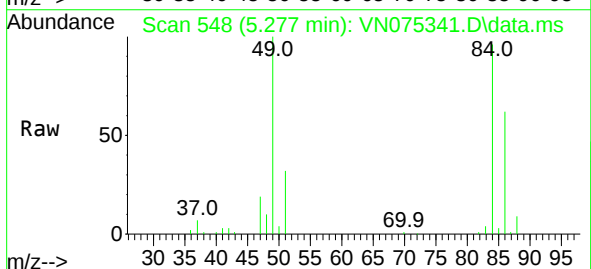
Manual Integrations
APPROVED

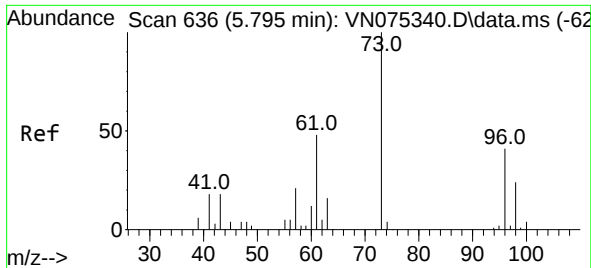
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#20
Methylene Chloride
Concen: 60.260 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

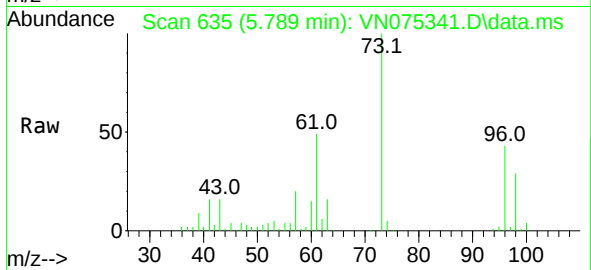
Tgt Ion: 84 Resp: 121947
Ion Ratio Lower Upper
84 100
49 104.5 94.9 142.3
51 33.2 26.8 40.2
86 64.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 64.516 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

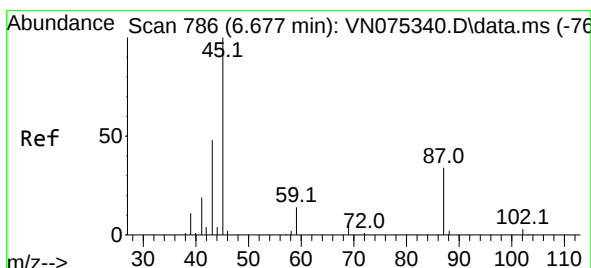
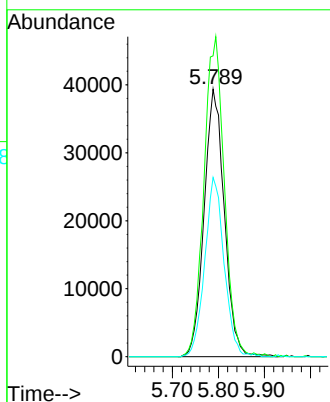
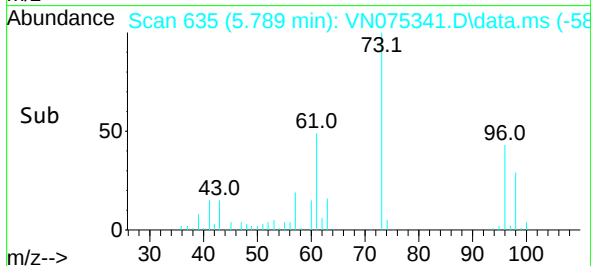
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



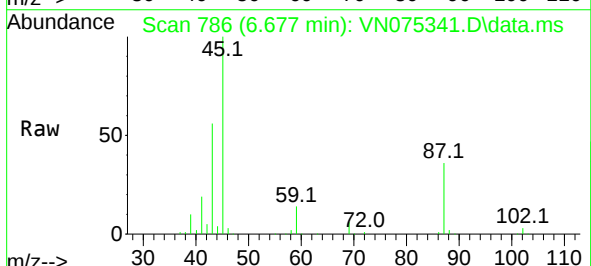
Tgt Ion: 96 Resp: 120100
Ion Ratio Lower Upper
96 100
61 112.4 99.9 149.9
98 67.0 51.5 77.3

Manual Integrations
APPROVED

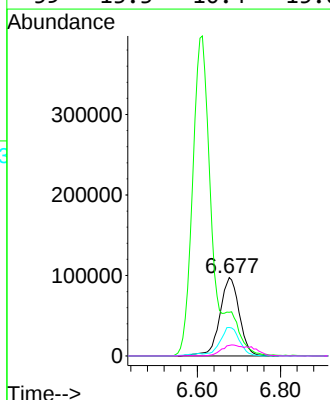
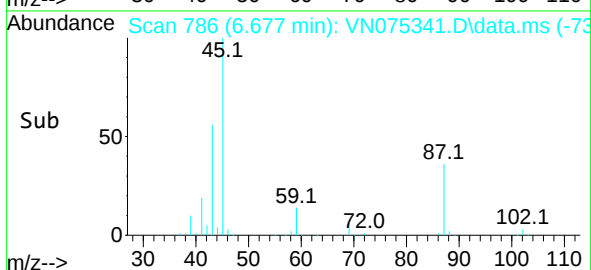
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

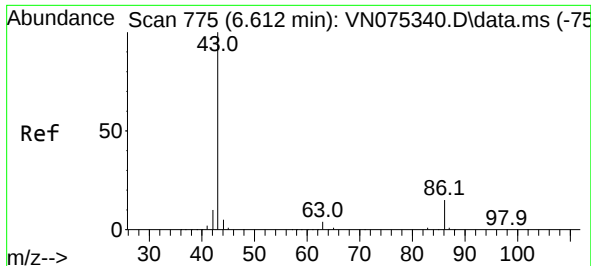


#22
Diisopropyl ether
Concen: 58.886 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion: 45 Resp: 317096
Ion Ratio Lower Upper
45 100
43 54.9 42.8 64.2
87 36.3 28.4 42.6
59 13.3 10.4 15.6





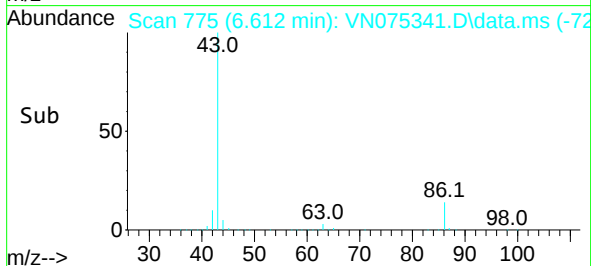
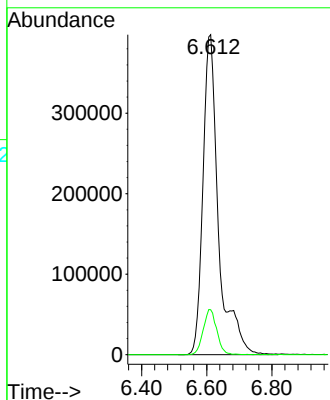
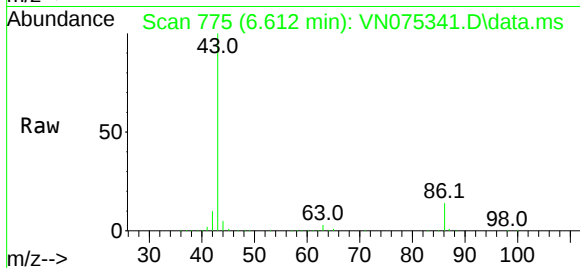
#23
 Vinyl Acetate
 Concen: 293.070 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN075341.D
 Acq: 21 Nov 2022 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 43 Resp: 131131
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

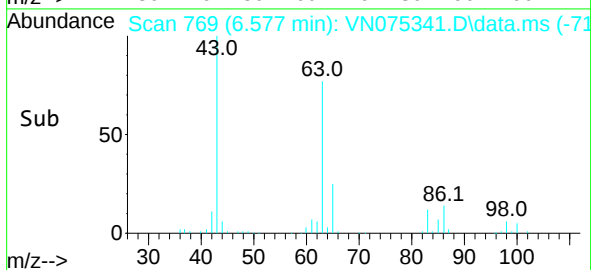
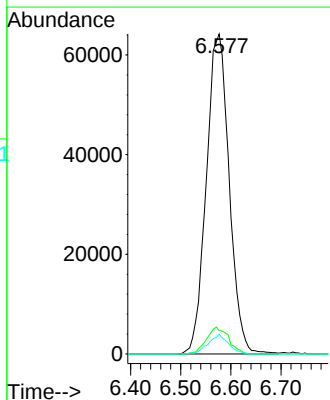
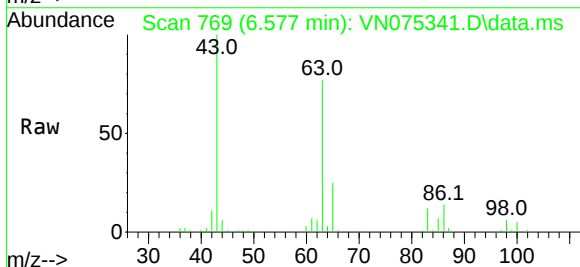
Manual Integrations
 APPROVED

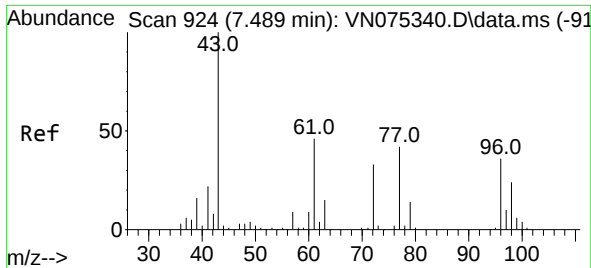
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#24
 1,1-Dichloroethane
 Concen: 59.469 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075341.D
 Acq: 21 Nov 2022 13:05

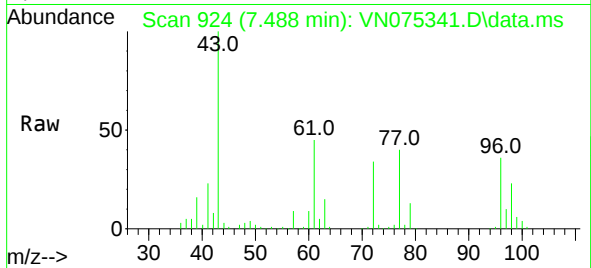
Tgt Ion: 63 Resp: 203644
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 6.1 2.4 7.2





#25
2-Butanone
Concen: 276.719 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

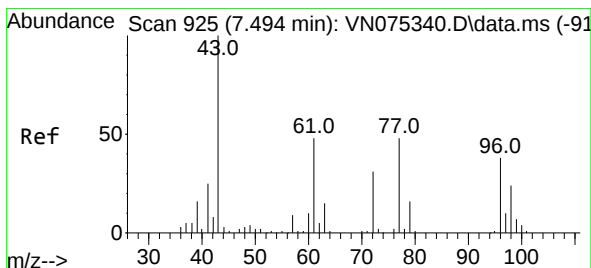
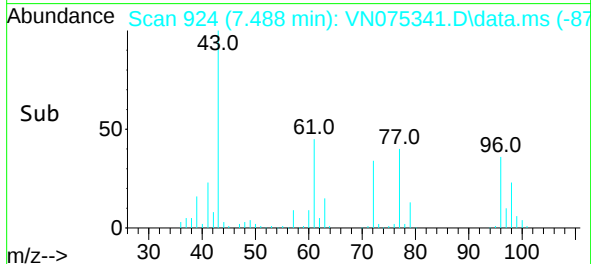
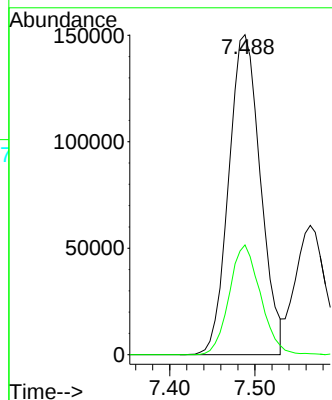
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 389619
Ion Ratio Lower Upper
43 100
72 34.3 25.5 38.3

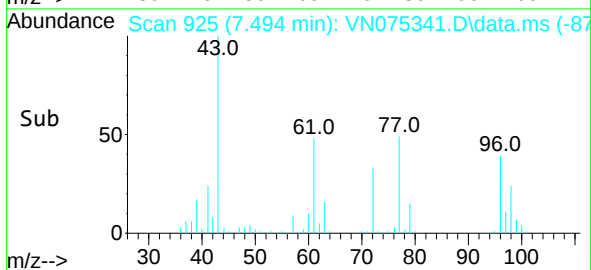
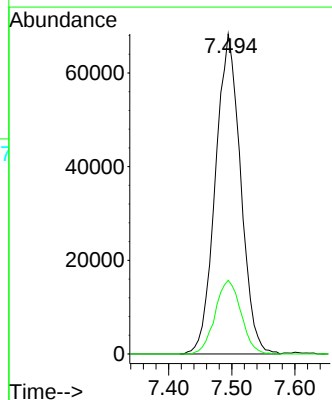
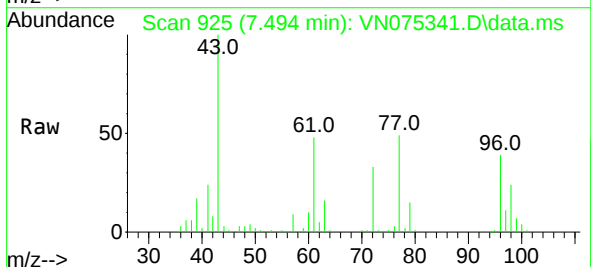
Manual Integrations
APPROVED

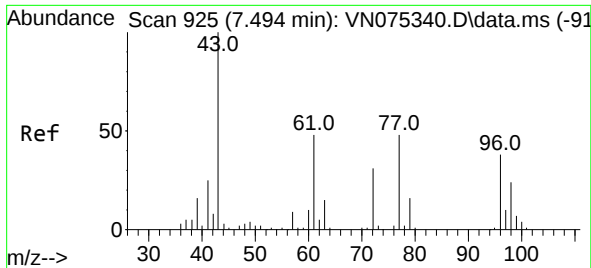
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#26
2,2-Dichloropropane
Concen: 60.131 ug/l
RT: 7.494 min Scan# 925
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

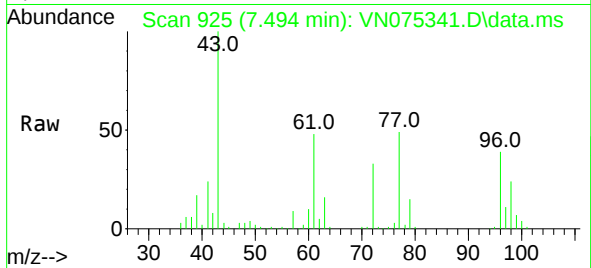
Tgt Ion: 77 Resp: 189238
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 64.945 ug/l
RT: 7.494 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

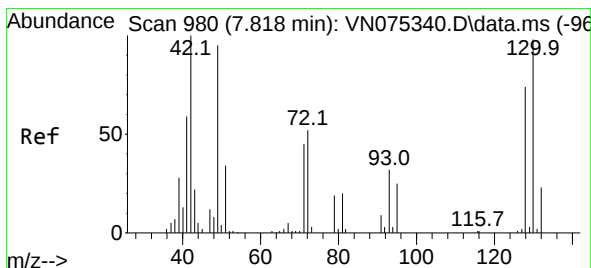
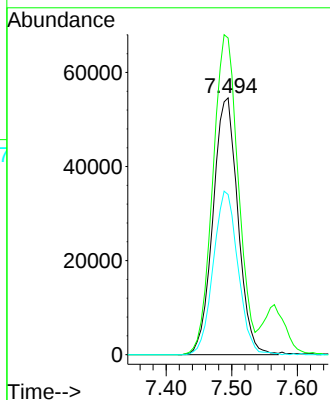
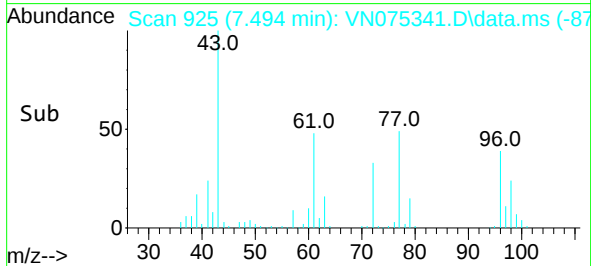
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 96 Resp: 14412
Ion Ratio Lower Upper
96 100
61 127.0 0.0 278.8
98 63.1 0.0 128.4

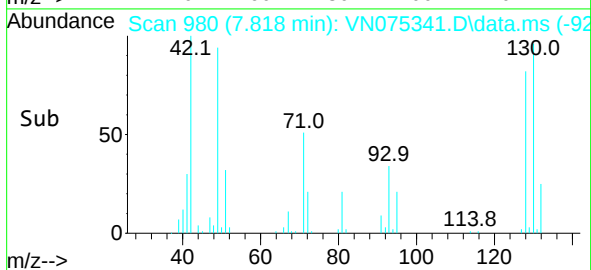
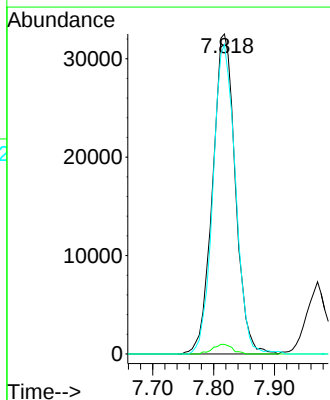
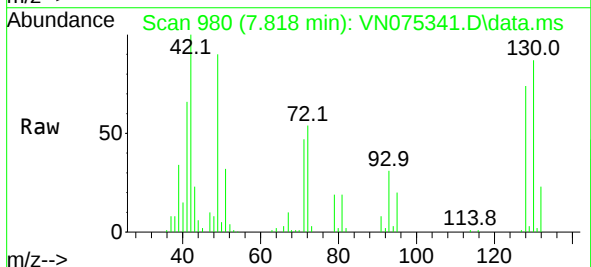
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#28
Bromochloromethane
Concen: 59.252 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

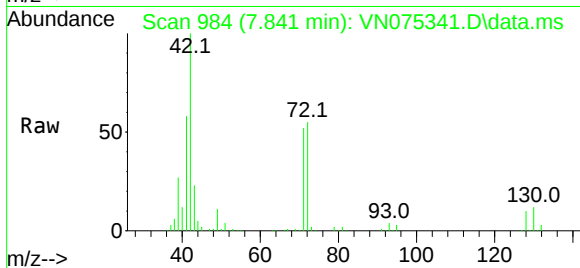
Tgt Ion: 49 Resp: 84417
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 95.6 66.2 99.4





#29
Tetrahydrofuran
Concen: 278.411 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

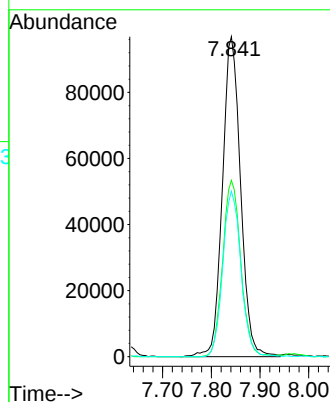
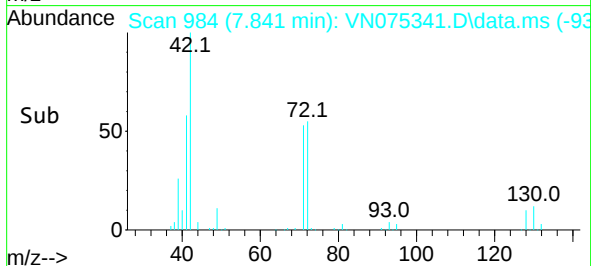
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



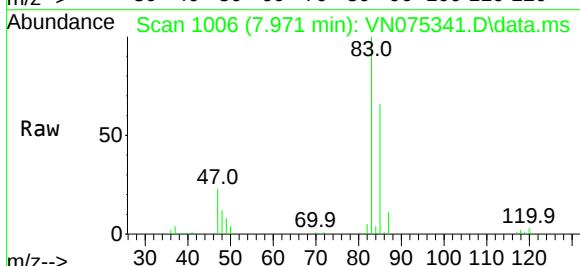
Tgt Ion: 42 Resp: 251600
Ion Ratio Lower Upper
42 100
72 55.2 43.0 64.6
71 51.7 39.9 59.9

Manual Integrations
APPROVED

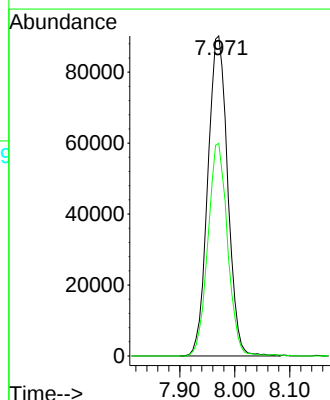
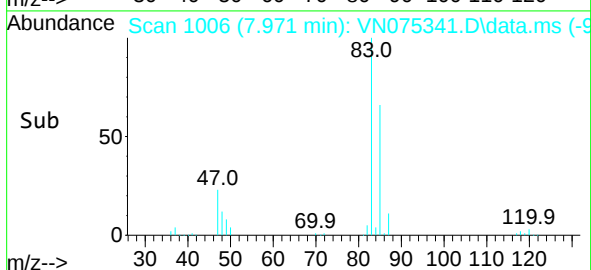
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

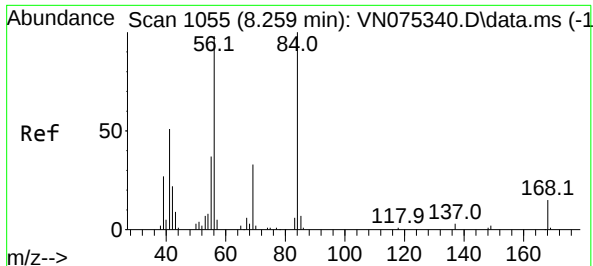


#30
Chloroform
Concen: 60.939 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion: 83 Resp: 226481
Ion Ratio Lower Upper
83 100
85 66.5 51.4 77.0





#31

Cyclohexane

Concen: 57.628 ug/l

RT: 8.259 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN075341.D

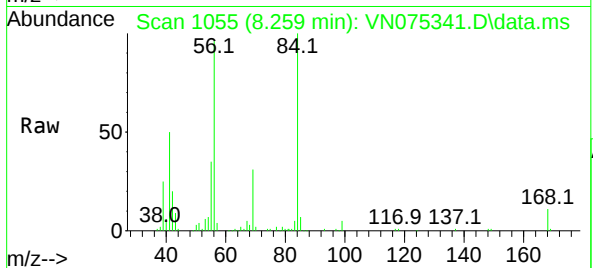
Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



Tgt Ion: 56 Resp: 18256

Ion Ratio Lower Upper

56 100

69 32.2 25.2 37.8

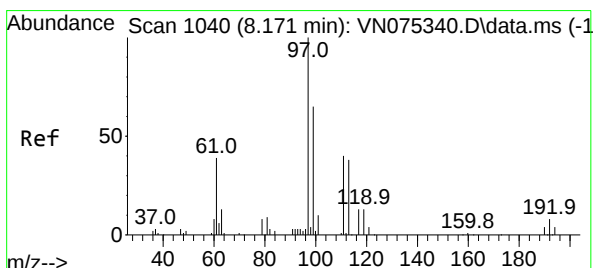
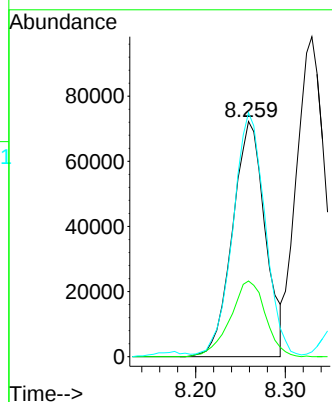
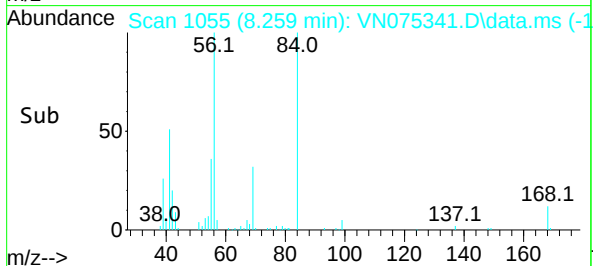
84 102.6 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#32

1,1,1-Trichloroethane

Concen: 63.345 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

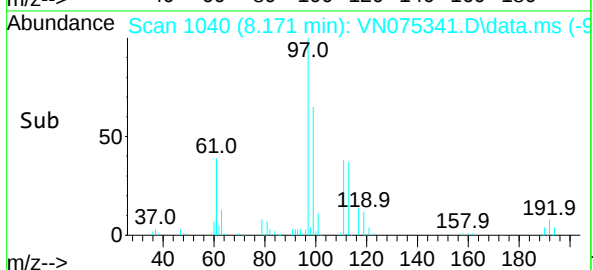
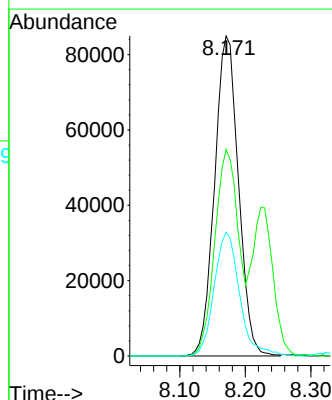
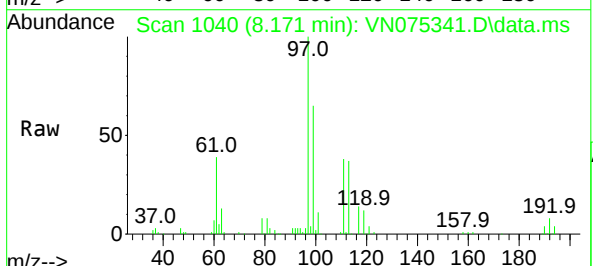
Tgt Ion: 97 Resp: 214344

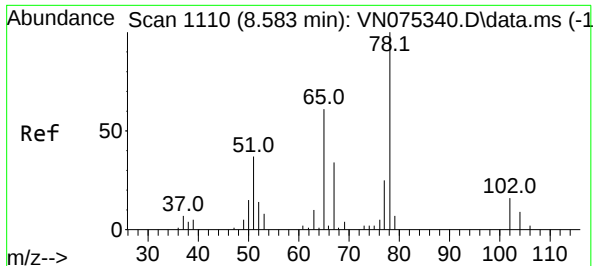
Ion Ratio Lower Upper

97 100

99 64.3 50.2 75.2

61 41.1 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 30.567 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 60774

Ion Ratio Lower Upper

65 100

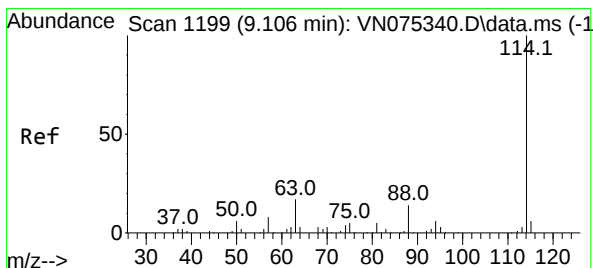
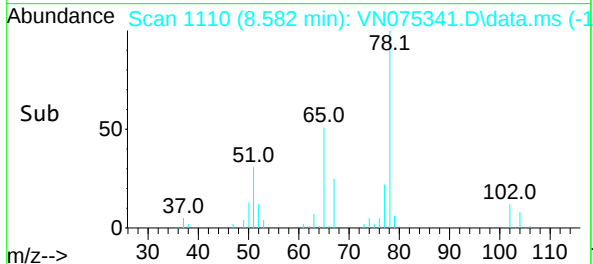
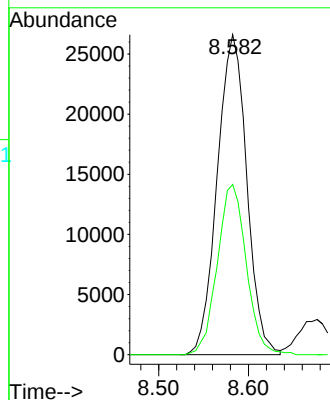
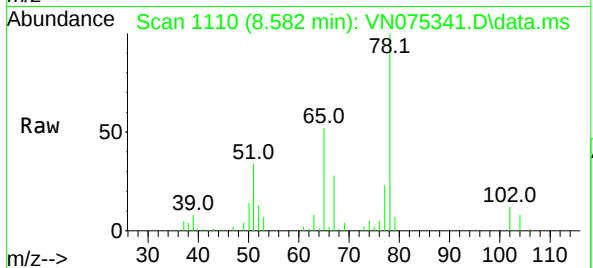
67 52.2 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1198

Delta R.T. -0.006 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

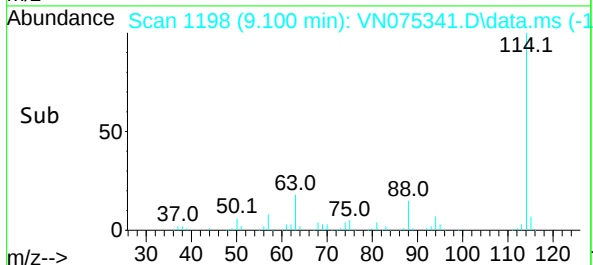
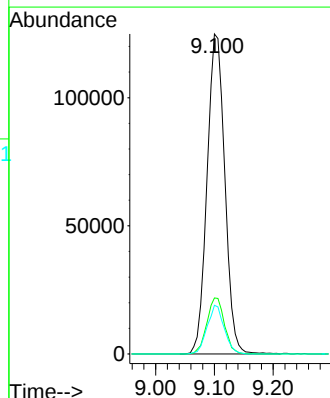
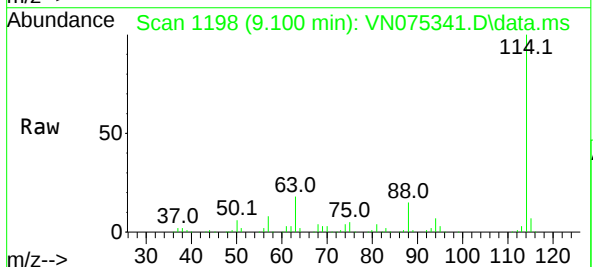
Tgt Ion:114 Resp: 261615

Ion Ratio Lower Upper

114 100

63 17.5 0.0 39.6

88 15.2 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.524 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 113 Resp: 77000

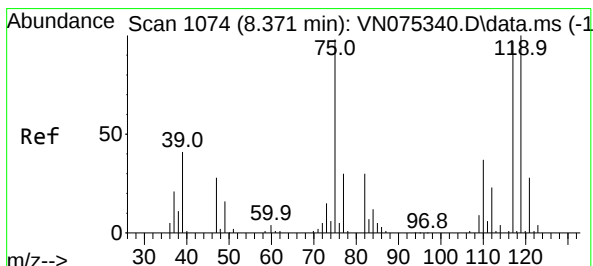
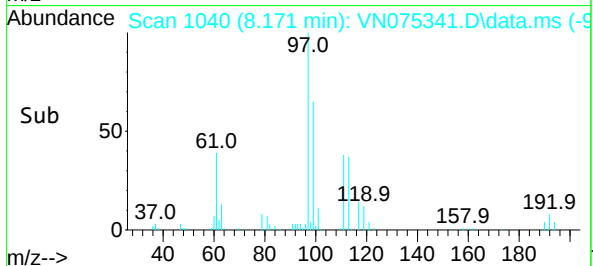
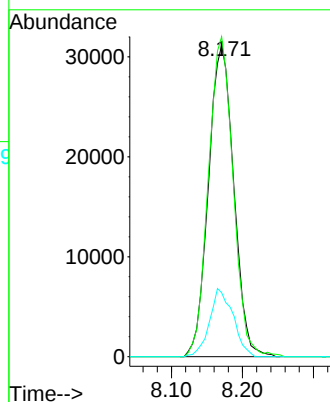
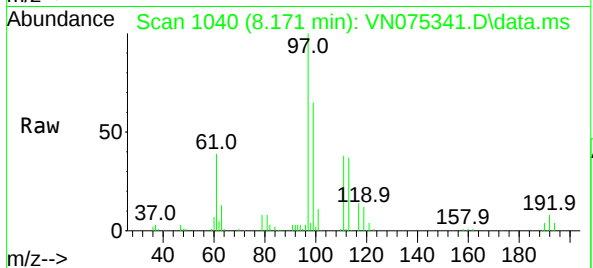
Ion	Ratio	Lower	Upper
113	100		
111	100.5	80.5	120.7
192	20.4	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#36

1,1-Dichloropropene

Concen: 71.850 ug/l

RT: 8.377 min Scan# 1075

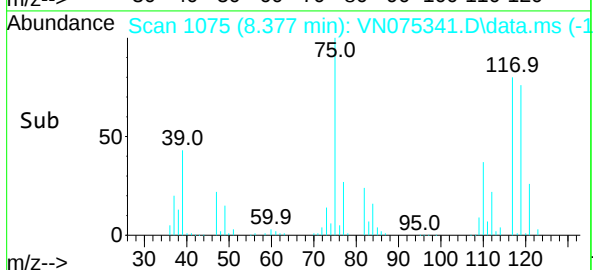
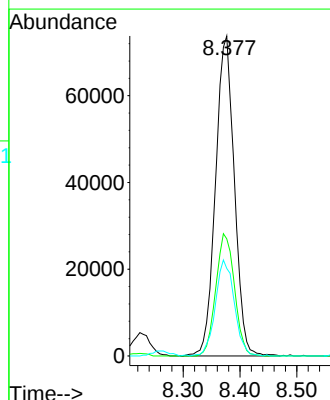
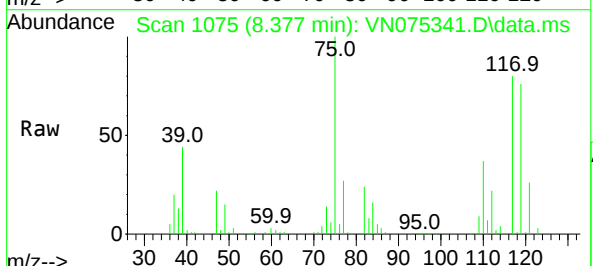
Delta R.T. 0.006 min

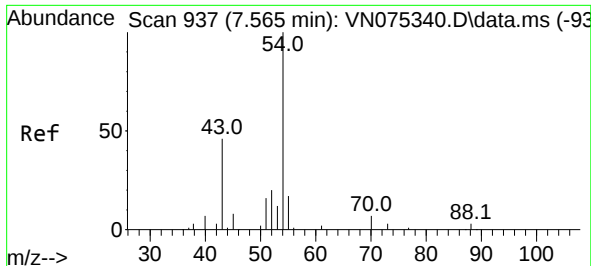
Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Tgt Ion: 75 Resp: 169699

Ion	Ratio	Lower	Upper
75	100		
110	38.0	17.8	53.3
77	30.3	24.6	37.0





#37

Ethyl Acetate

Concen: 60.492 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 15452

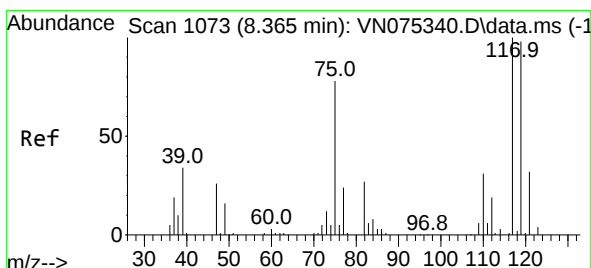
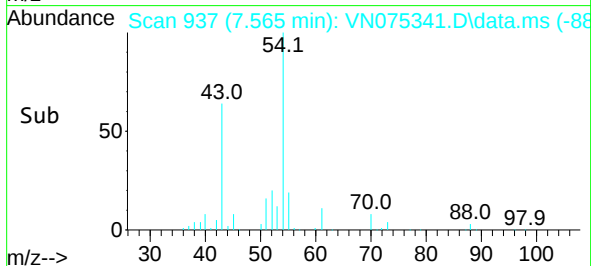
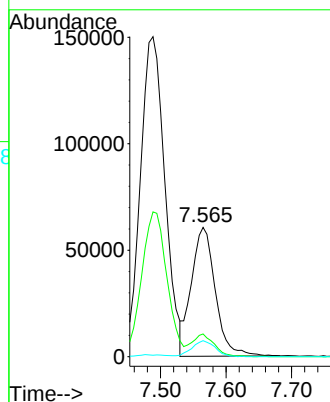
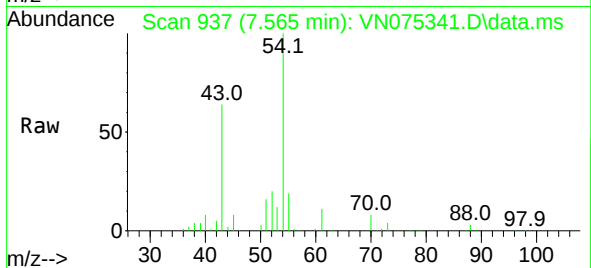
Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.2	18.4
70	12.0	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#38

Carbon Tetrachloride

Concen: 73.929 ug/l

RT: 8.365 min Scan# 1073

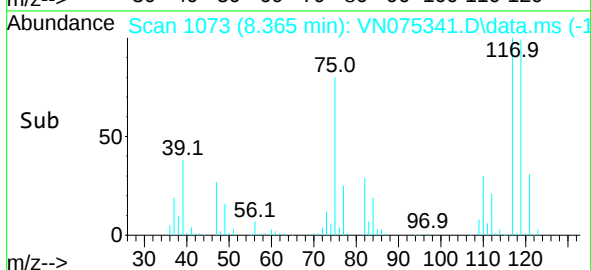
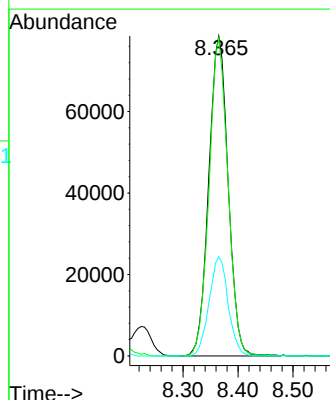
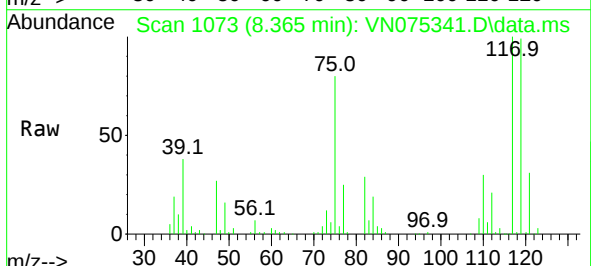
Delta R.T. -0.000 min

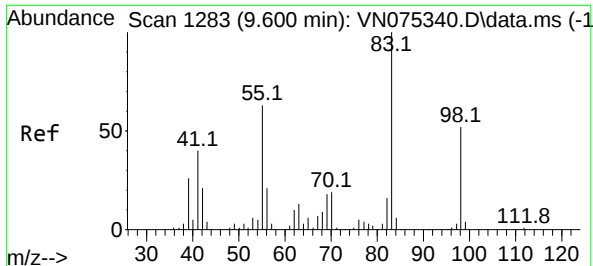
Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Tgt Ion:117 Resp: 192365

Ion	Ratio	Lower	Upper
117	100		
119	99.4	76.7	115.1
121	31.0	23.9	35.9





#39

Methylcyclohexane

Concen: 71.045 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 83 Resp: 22013

Ion Ratio Lower Upper

83 100

55 59.7 53.6 80.4

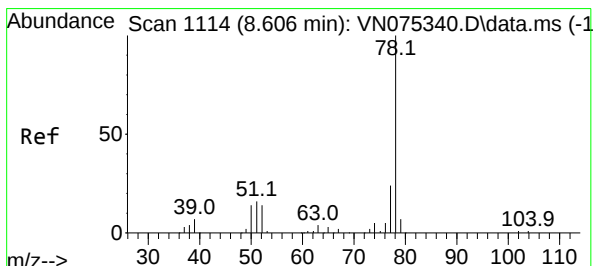
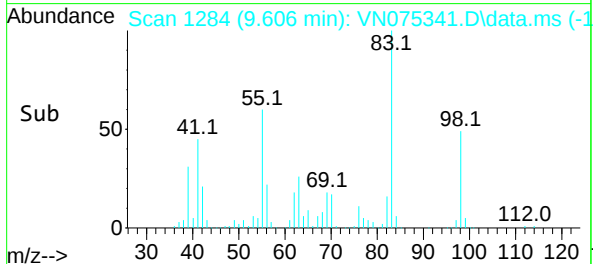
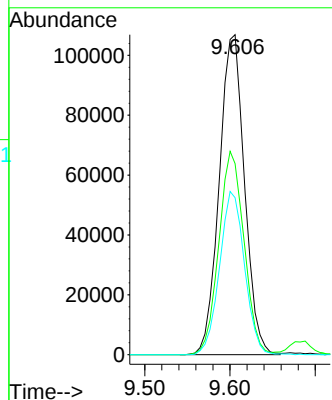
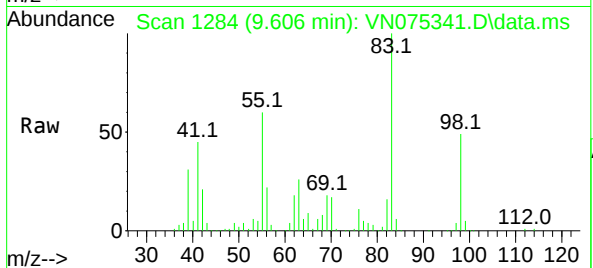
98 49.1 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#40

Benzene

Concen: 70.003 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075341.D

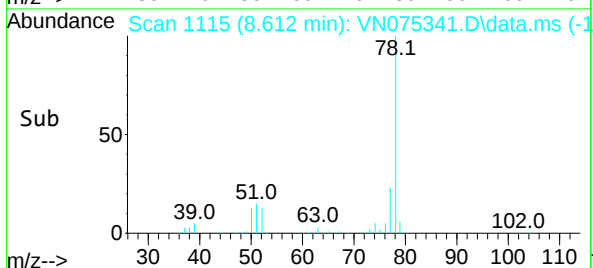
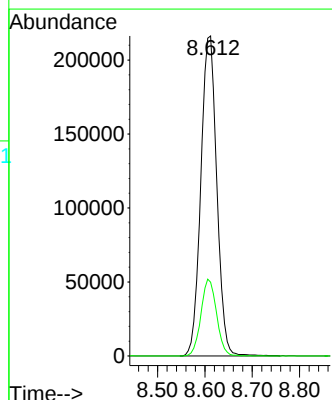
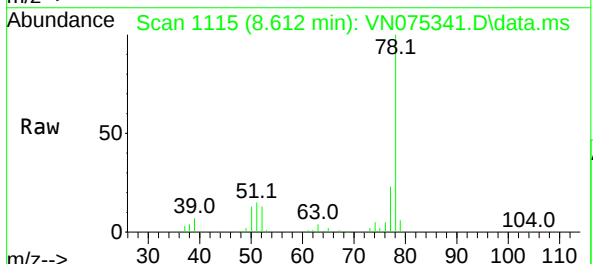
Acq: 21 Nov 2022 13:05

Tgt Ion: 78 Resp: 506072

Ion Ratio Lower Upper

78 100

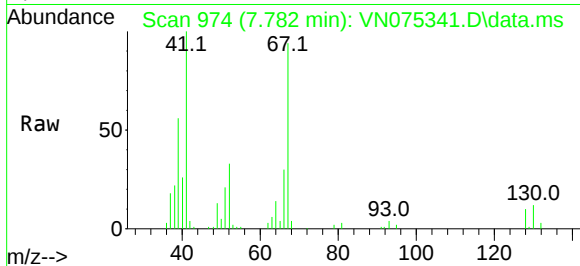
77 23.0 19.4 29.0





#41
Methacrylonitrile
Concen: 63.725 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

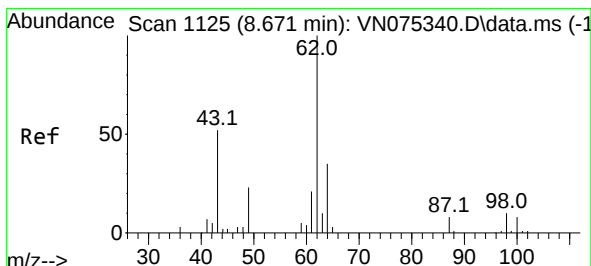
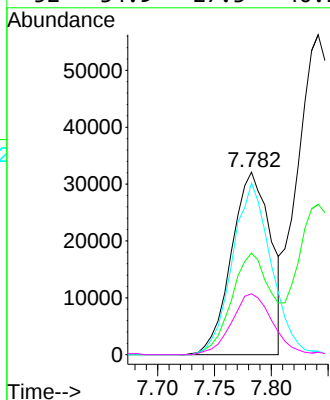
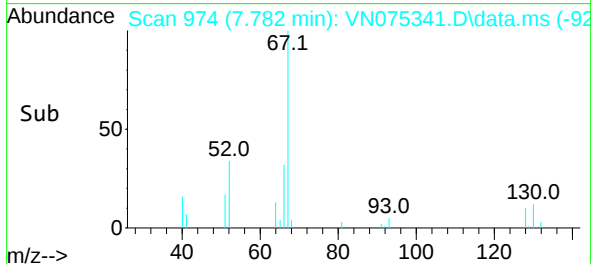
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



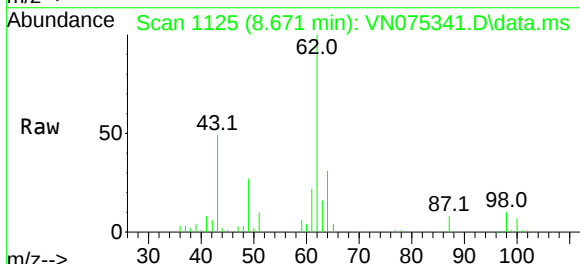
Tgt Ion: 41 Resp: 7726
Ion Ratio Lower Upper
41 100
39 59.0 44.4 66.6
67 93.4 69.8 104.6
52 34.9 27.3 40.9

Manual Integrations
APPROVED

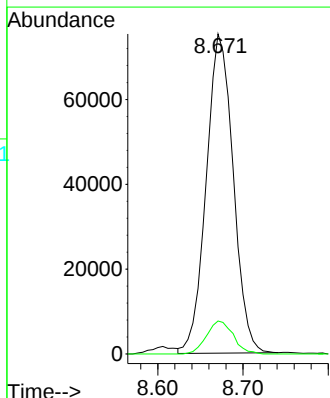
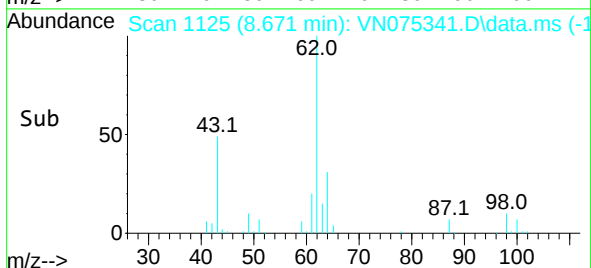
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

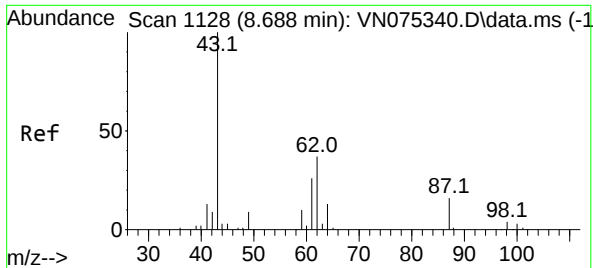


#42
1,2-Dichloroethane
Concen: 63.947 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



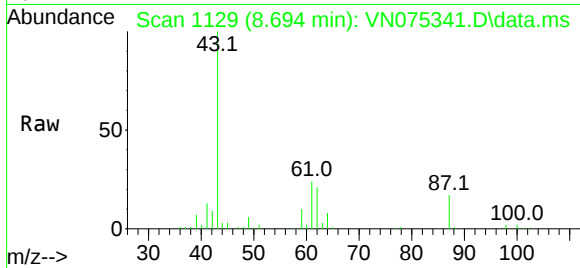
Tgt Ion: 62 Resp: 165897
Ion Ratio Lower Upper
62 100
98 10.2 0.0 18.2





#43
Isopropyl Acetate
Concen: 63.081 ug/l
RT: 8.694 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

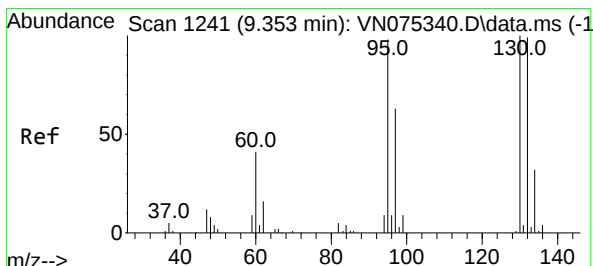
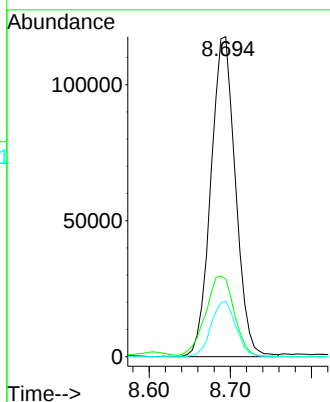
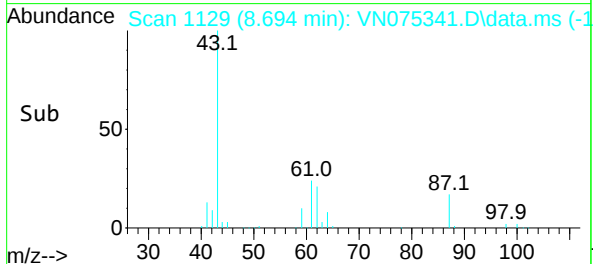
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



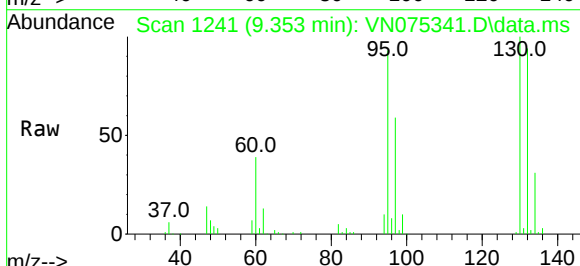
Tgt Ion: 43 Resp: 24808
Ion Ratio Lower Upper
43 100
61 29.7 22.4 33.6
87 17.3 12.5 18.7

Manual Integrations
APPROVED

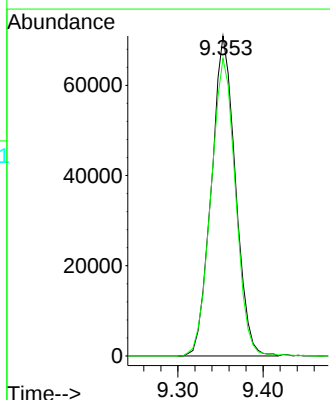
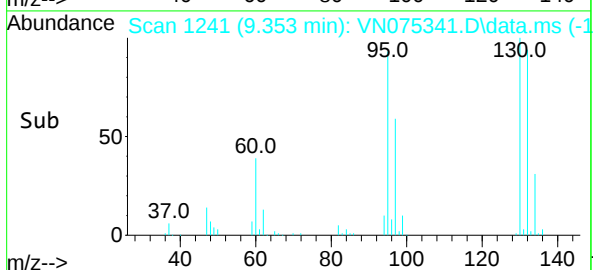
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

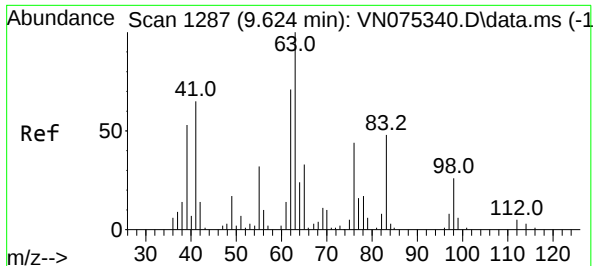


#44
Trichloroethene
Concen: 75.278 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion:130 Resp: 138853
Ion Ratio Lower Upper
130 100
95 93.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 69.726 ug/l

RT: 9.624 min Scan# 11954

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 11954

Ion Ratio Lower Upper

63 100

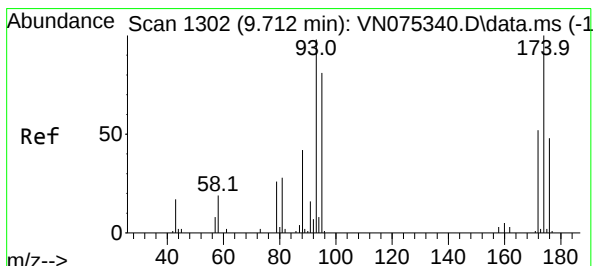
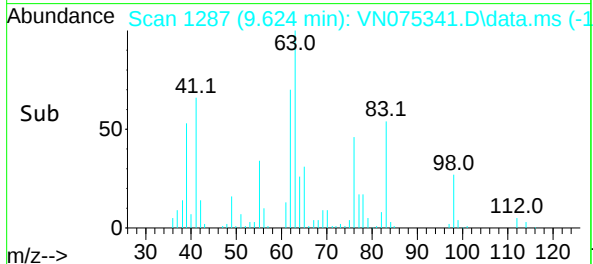
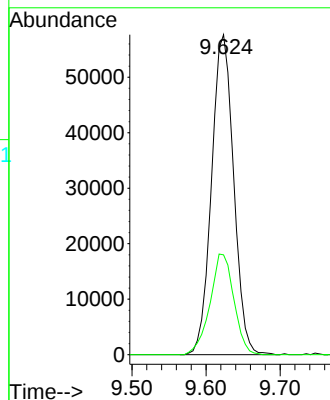
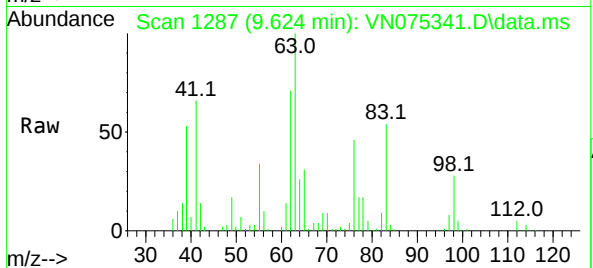
65 31.2 26.1 39.1

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#46

Dibromomethane

Concen: 70.378 ug/l

RT: 9.706 min Scan# 1301

Delta R.T. -0.006 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

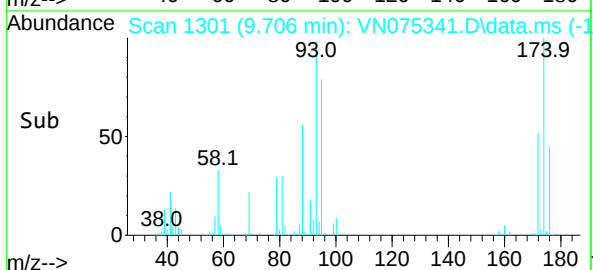
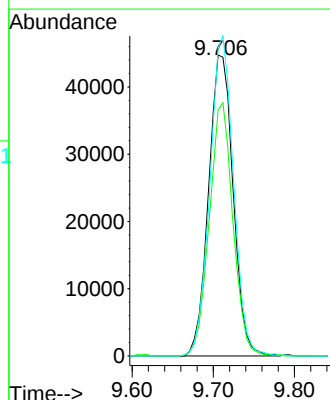
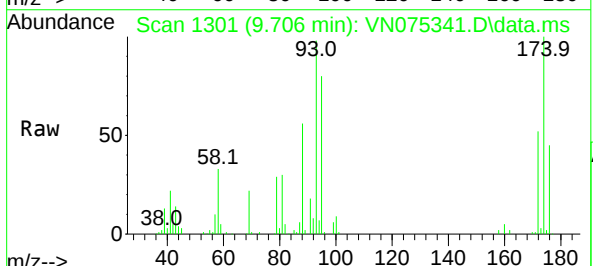
Tgt Ion: 93 Resp: 94200

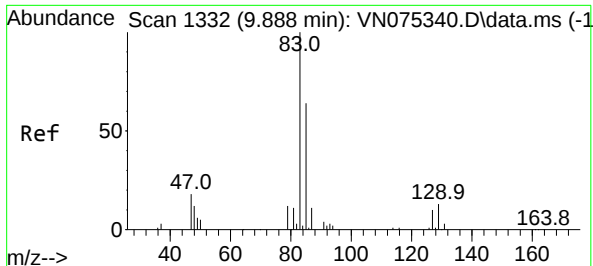
Ion Ratio Lower Upper

93 100

95 80.9 66.6 99.8

174 102.6 70.3 105.5





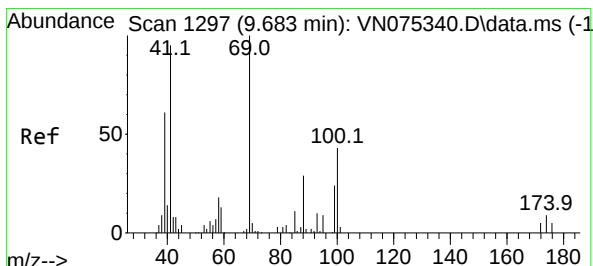
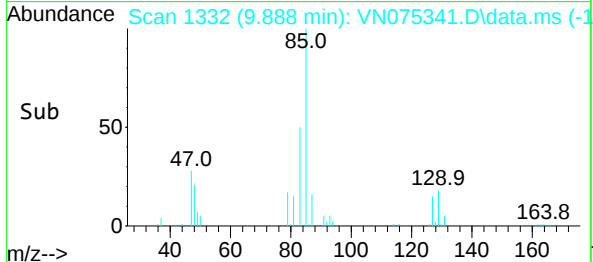
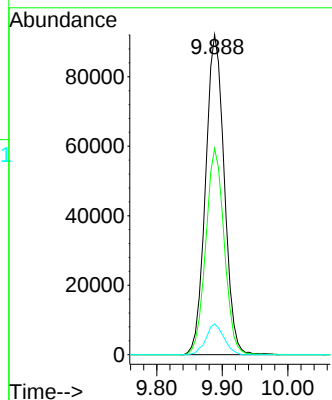
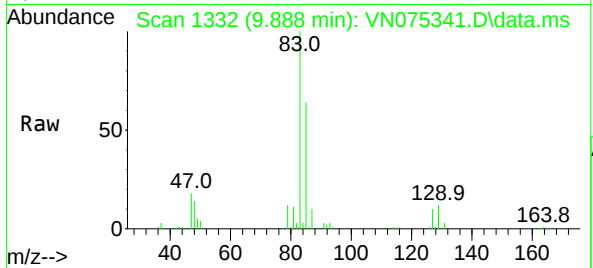
#47
Bromodichloromethane
Concen: 70.428 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 83 Resp: 18252
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 9.6 6.6 10.0

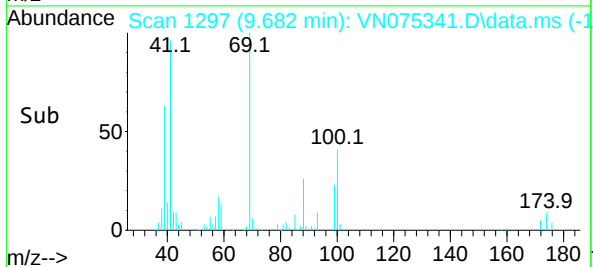
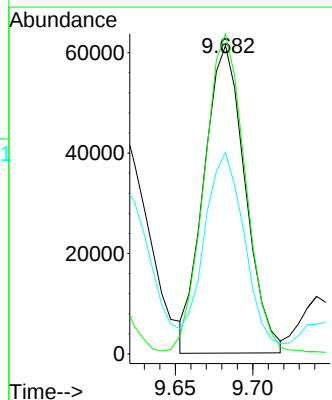
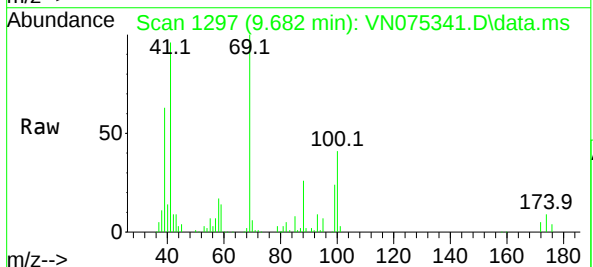
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#48
Methyl methacrylate
Concen: 62.385 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Tgt Ion: 41 Resp: 113289
Ion Ratio Lower Upper
41 100
69 104.1 80.2 120.2
39 65.4 56.2 84.2





#49

1,4-Dioxane

Concen: 1360.682 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 88 Resp: 65919

Ion Ratio Lower Upper

88 100

43 21.6 17.5 26.3

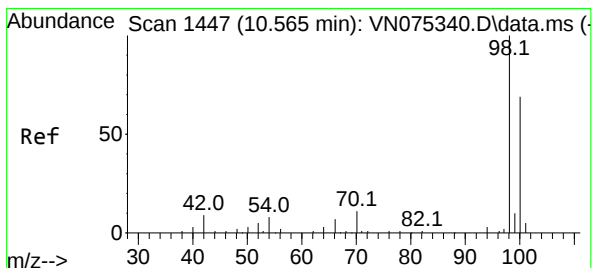
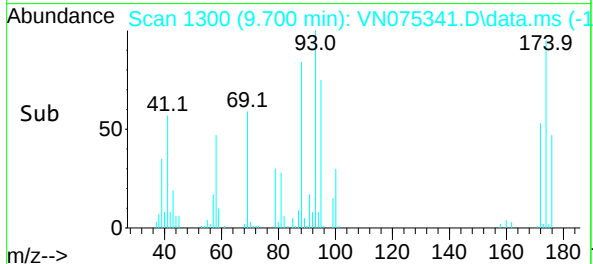
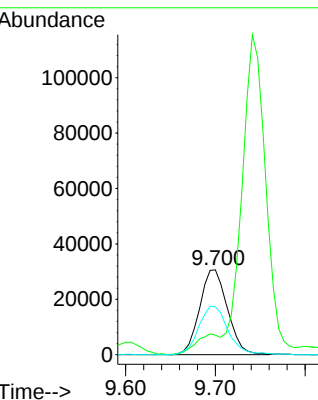
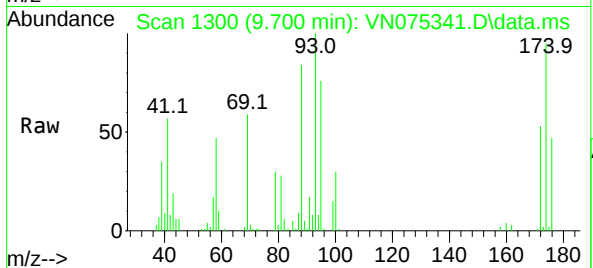
58 60.6 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#50

Toluene-d8

Concen: 32.917 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075341.D

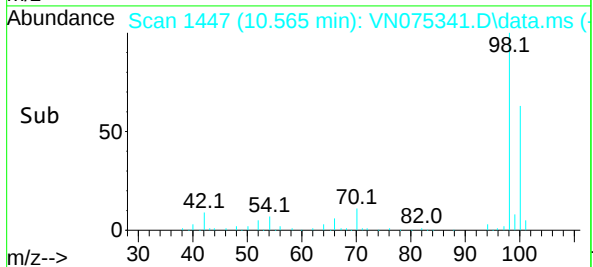
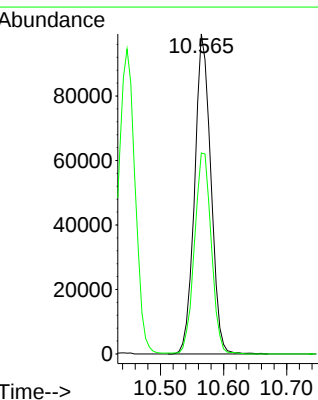
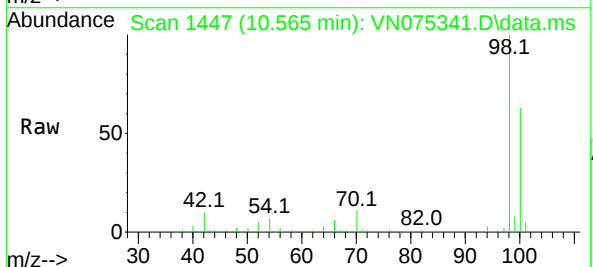
Acq: 21 Nov 2022 13:05

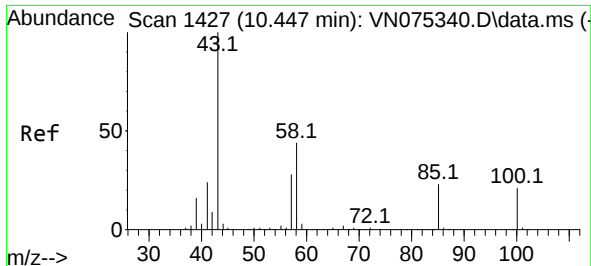
Tgt Ion: 98 Resp: 177333

Ion Ratio Lower Upper

98 100

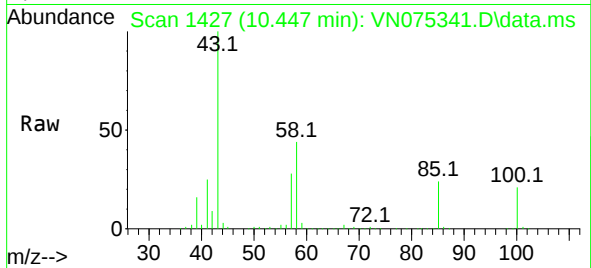
100 65.3 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 319.196 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

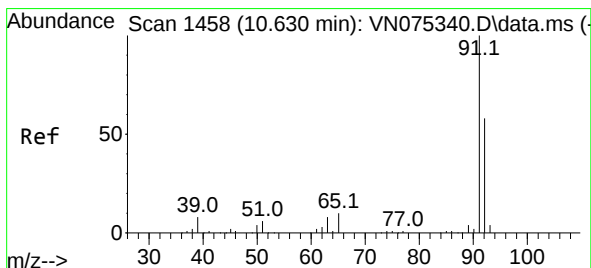
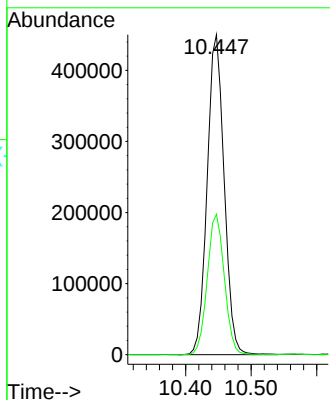
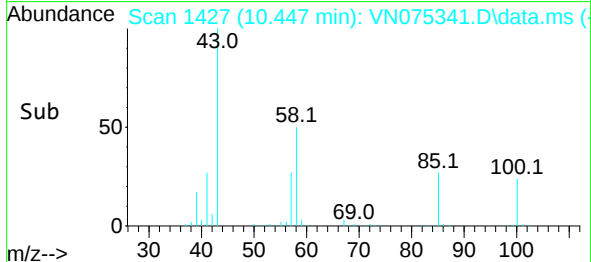
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



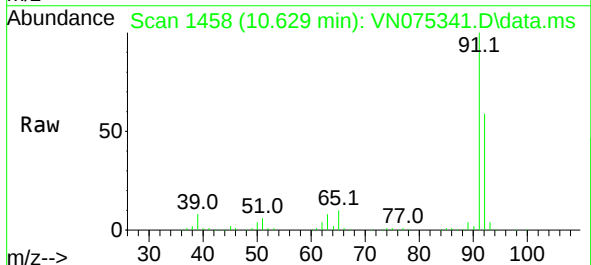
Tgt Ion: 43 Resp: 809250
Ion Ratio Lower Upper
43 100
58 44.2 33.6 50.4

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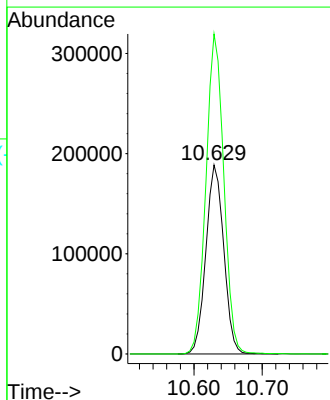
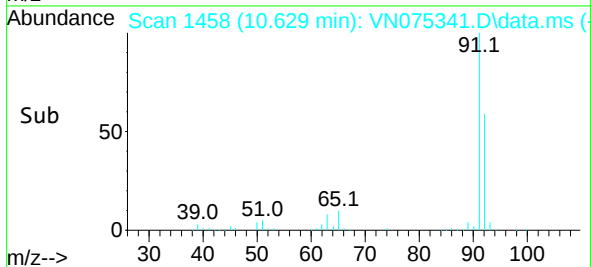
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

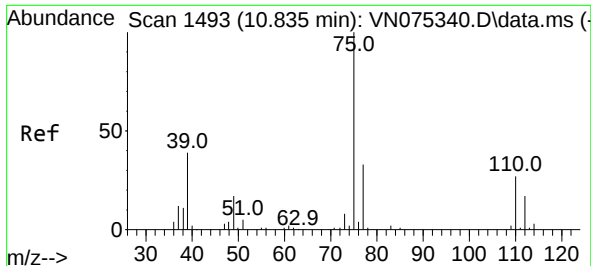


#52
Toluene
Concen: 71.838 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



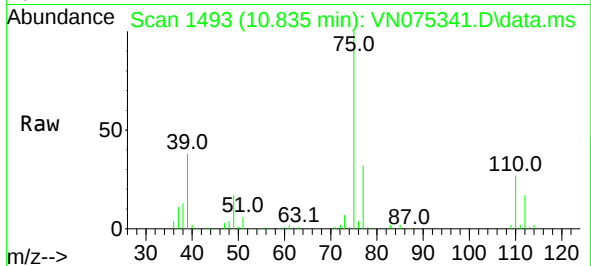
Tgt Ion: 92 Resp: 344215
Ion Ratio Lower Upper
92 100
91 169.4 135.4 203.2





#53
 t-1,3-Dichloropropene
 Concen: 72.861 ug/l
 RT: 10.835 min Scan# 1493
 Delta R.T. -0.000 min
 Lab File: VN075341.D
 Acq: 21 Nov 2022 13:05

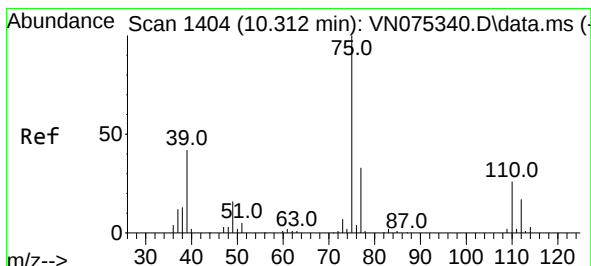
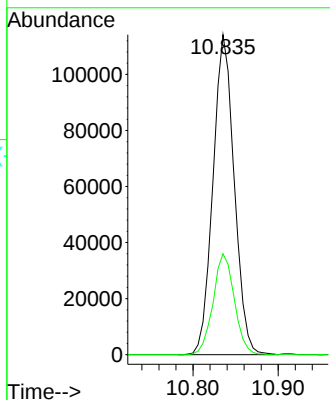
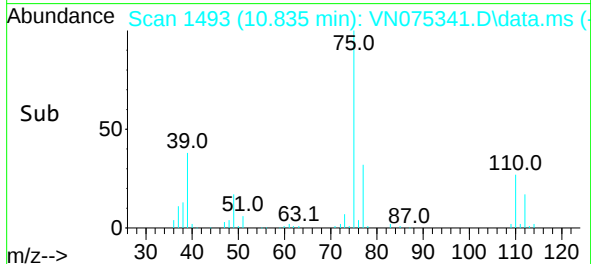
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



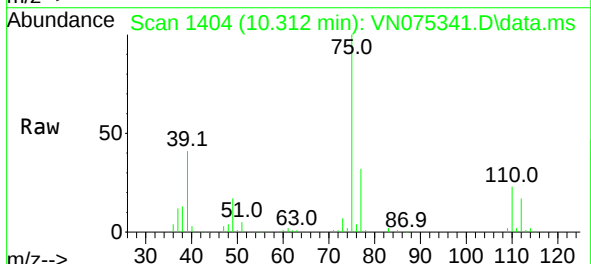
Tgt Ion: 75 Resp: 197944
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.2

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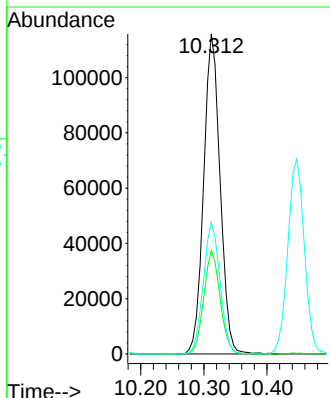
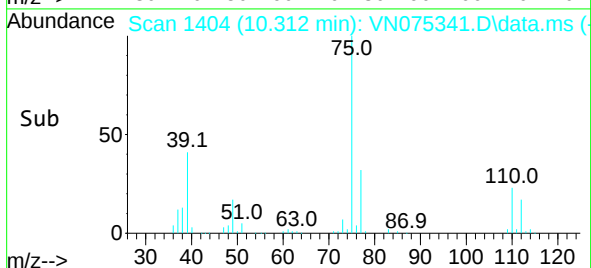
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022

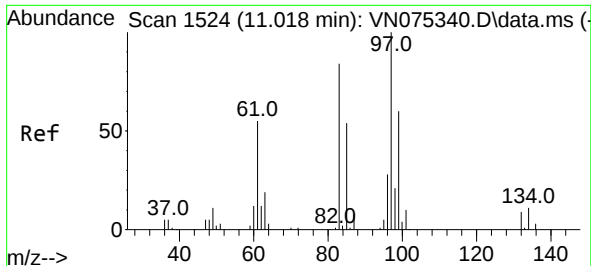


#54
 cis-1,3-Dichloropropene
 Concen: 72.454 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075341.D
 Acq: 21 Nov 2022 13:05



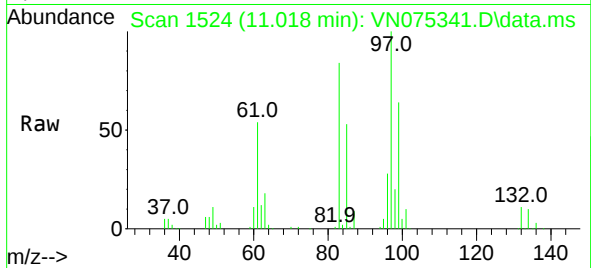
Tgt Ion: 75 Resp: 209547
 Ion Ratio Lower Upper
 75 100
 77 32.4 23.7 35.5
 39 41.2 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 70.723 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

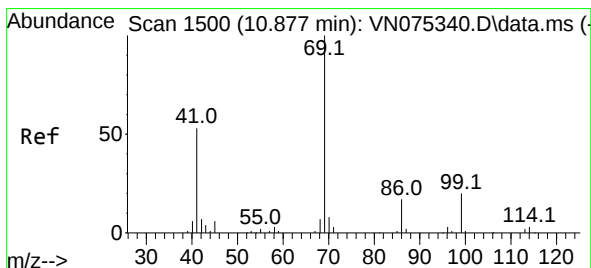
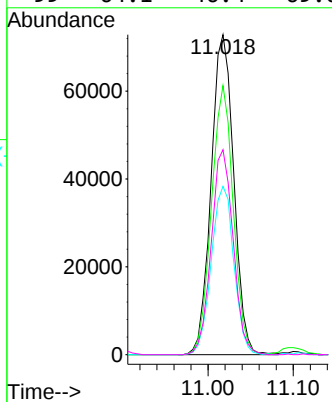
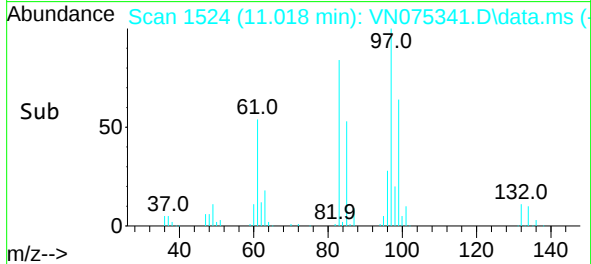
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



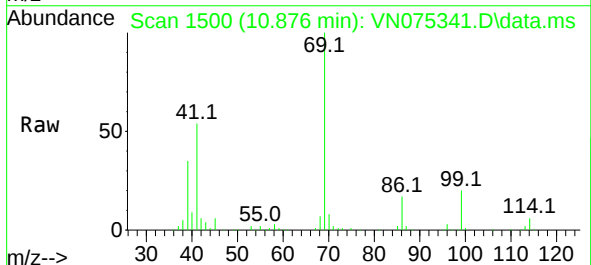
Tgt Ion: 97 Resp: 134468
Ion Ratio Lower Upper
97 100
83 84.1 65.9 98.9
85 52.6 40.4 60.6
99 64.1 46.4 69.6

Manual Integrations
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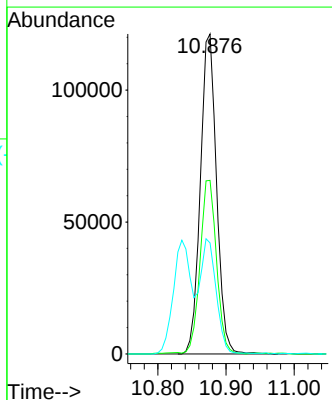
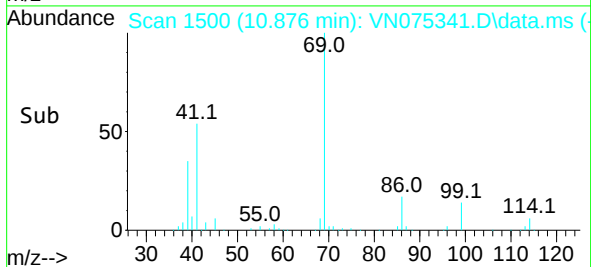
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

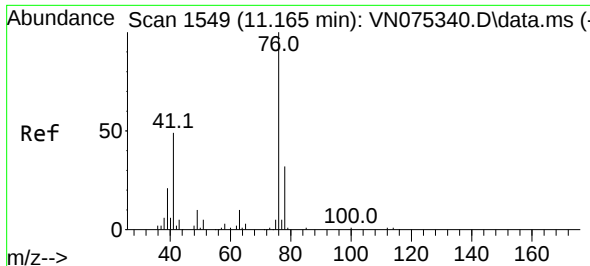


#56
Ethyl methacrylate
Concen: 69.421 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion: 69 Resp: 199952
Ion Ratio Lower Upper
69 100
41 55.7 45.6 68.4
39 35.8 28.5 42.7





#57

1,3-Dichloropropane

Concen: 69.069 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 218870

Ion Ratio Lower Upper

76 100

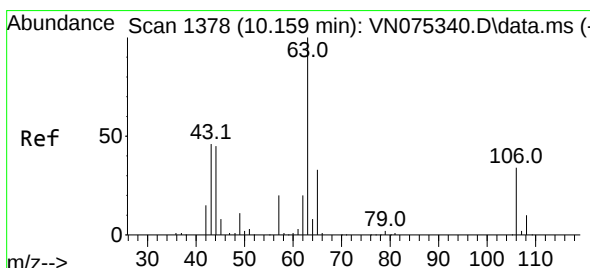
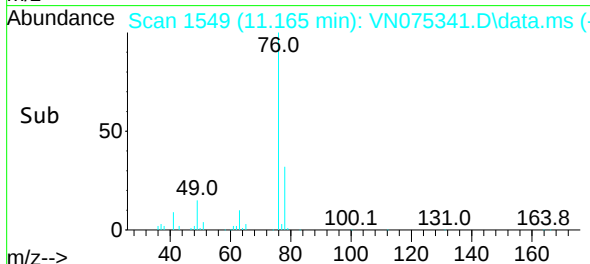
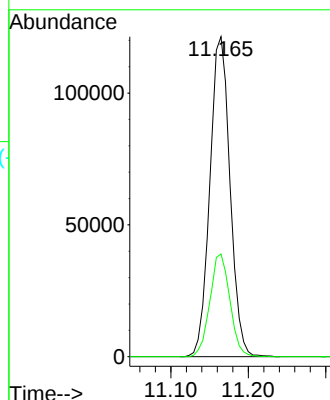
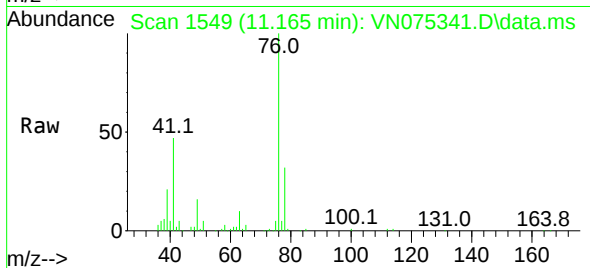
78 31.9 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 306.198 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.000 min

Lab File: VN075341.D

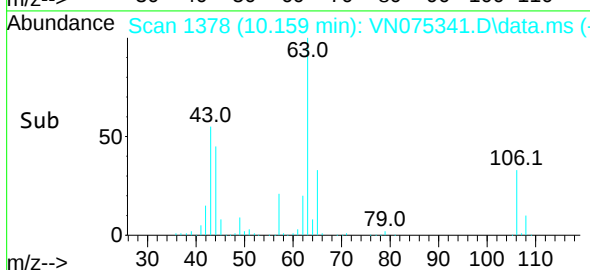
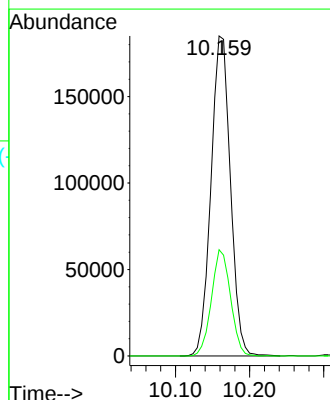
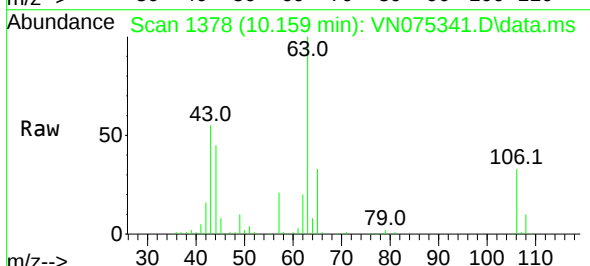
Acq: 21 Nov 2022 13:05

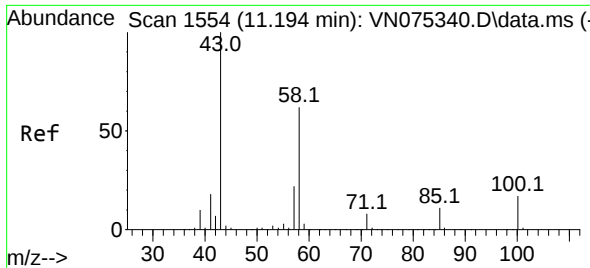
Tgt Ion: 63 Resp: 336978

Ion Ratio Lower Upper

63 100

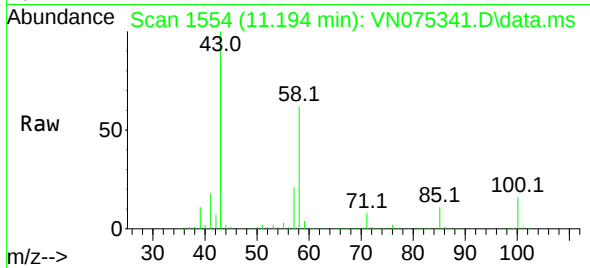
106 32.6 24.8 37.2





#59
2-Hexanone
Concen: 323.533 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

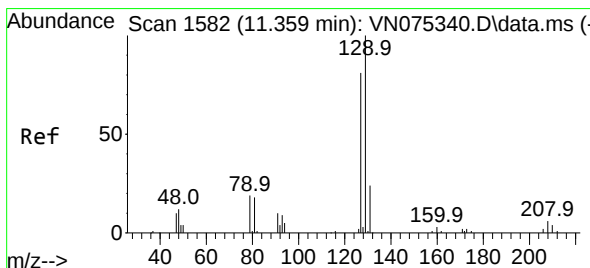
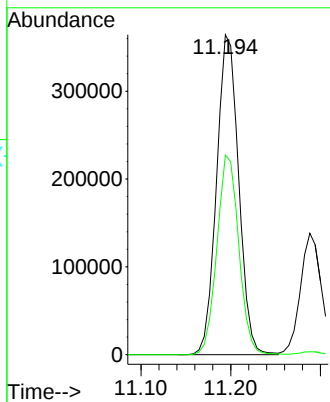
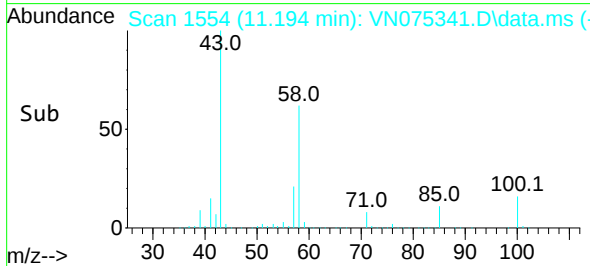
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 62302
Ion Ratio Lower Upper
43 100
58 61.7 29.6 88.8

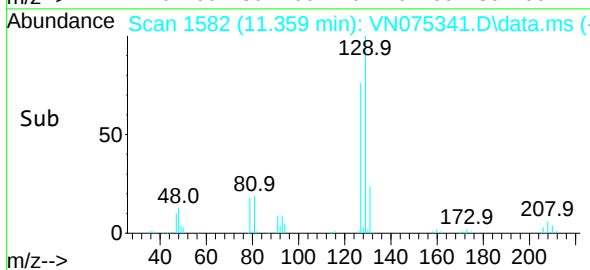
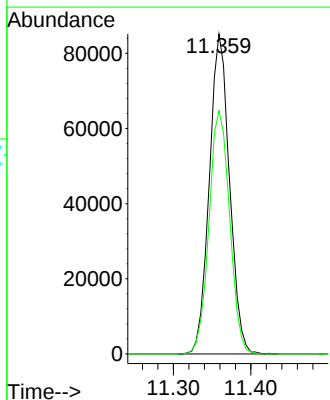
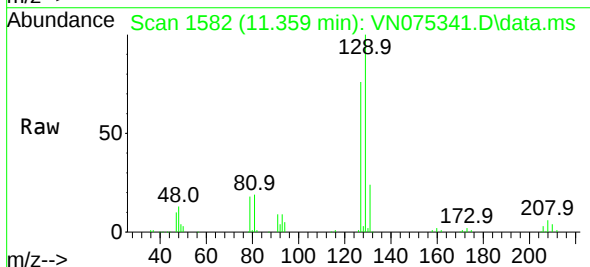
Manual Integrations
APPROVED

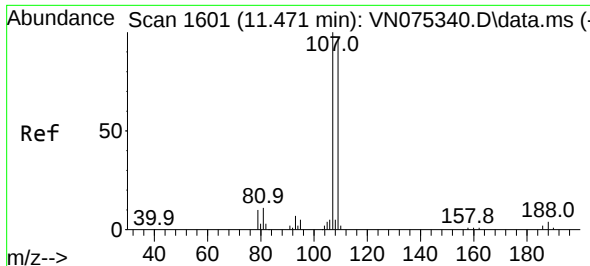
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#60
Dibromochloromethane
Concen: 75.892 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

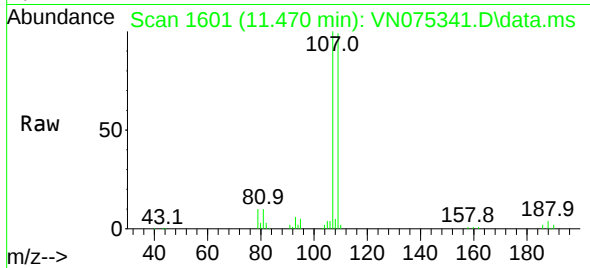
Tgt Ion:129 Resp: 153892
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61
1,2-Dibromoethane
Concen: 73.158 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

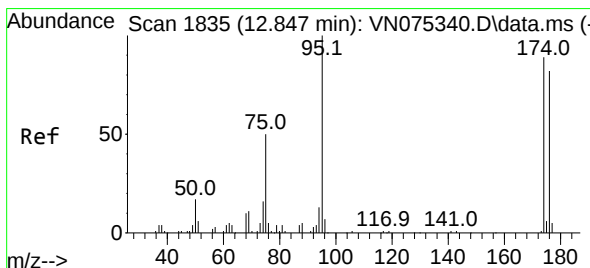
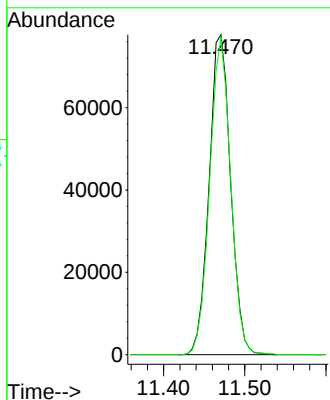
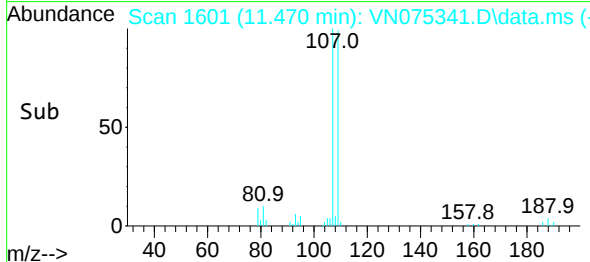
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



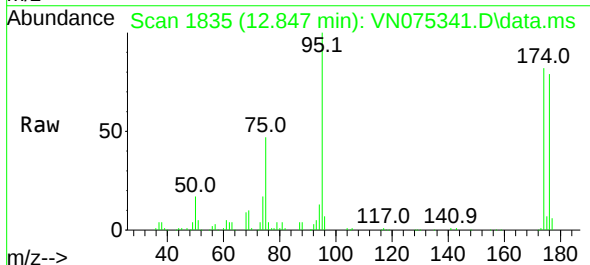
Tgt Ion:107 Resp: 143150
Ion Ratio Lower Upper
107 100
109 96.4 75.6 113.4

Manual Integrations
APPROVED

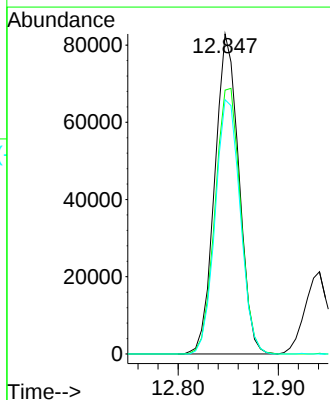
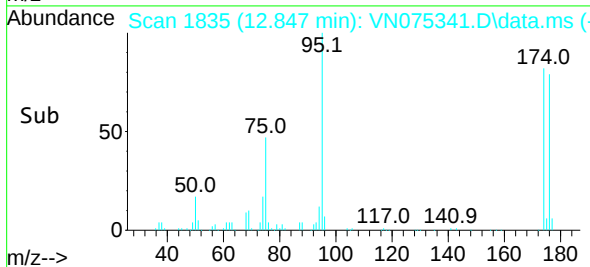
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

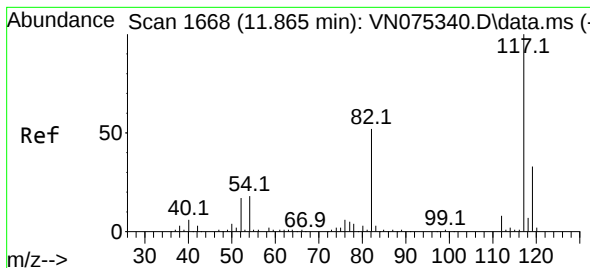


#62
4-Bromofluorobenzene
Concen: 67.999 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion: 95 Resp: 138592
Ion Ratio Lower Upper
95 100
174 87.4 0.0 147.4
176 82.2 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:117 Resp: 24232

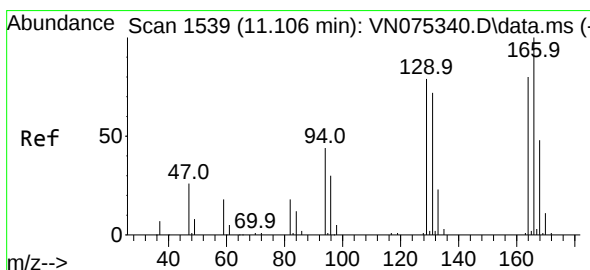
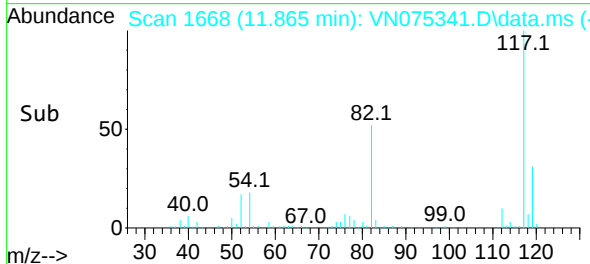
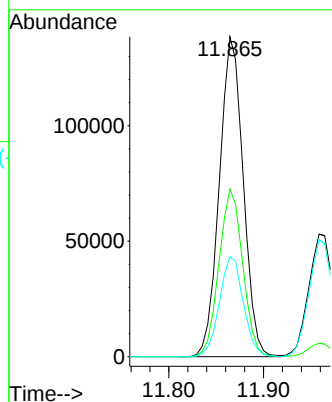
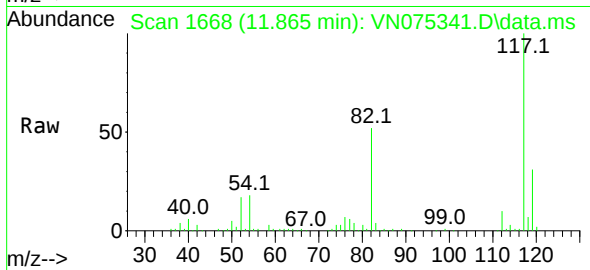
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.1	64.7
119	31.2	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#64

Tetrachloroethene

Concen: 82.860 ug/l

RT: 11.106 min Scan# 1539

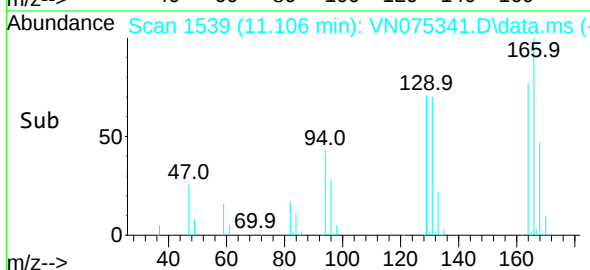
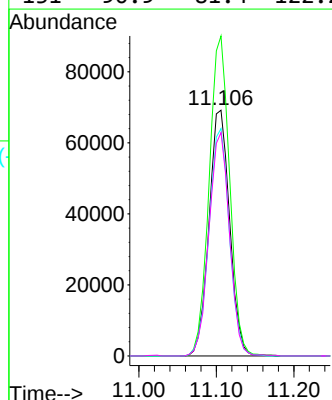
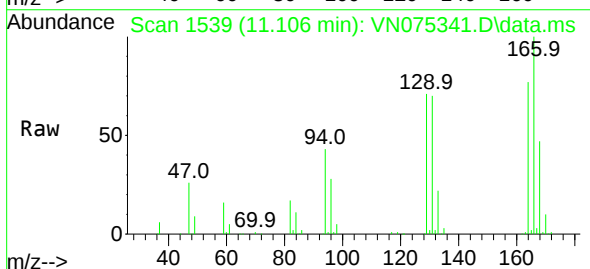
Delta R.T. -0.000 min

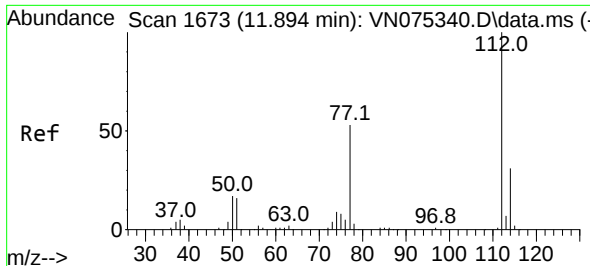
Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Tgt Ion:164 Resp: 127847

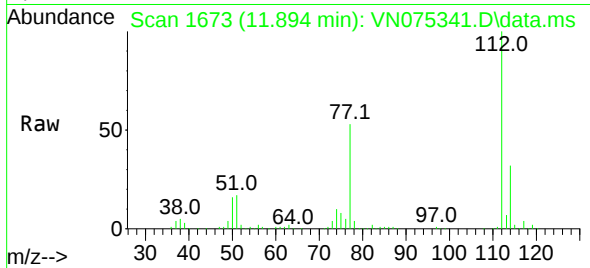
Ion	Ratio	Lower	Upper
164	100		
166	130.2	106.5	159.7
129	92.6	81.9	122.9
131	90.9	81.4	122.2





#65
Chlorobenzene
Concen: 72.068 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

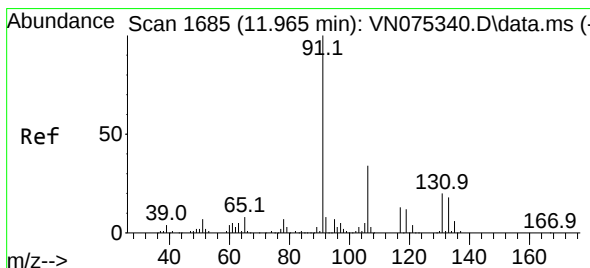
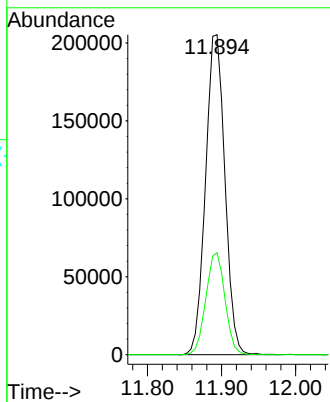
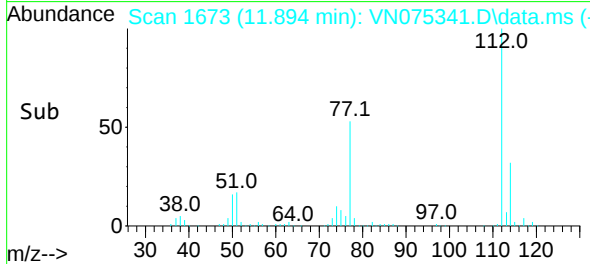
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



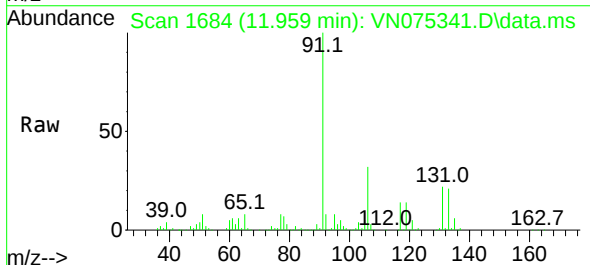
Tgt Ion:112 Resp: 372519
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

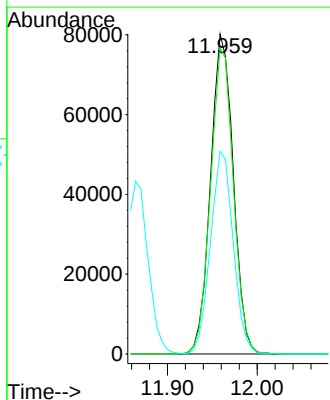
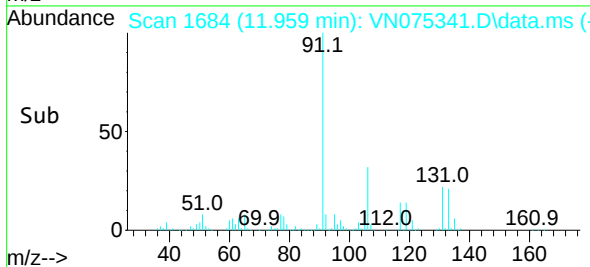
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 73.401 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



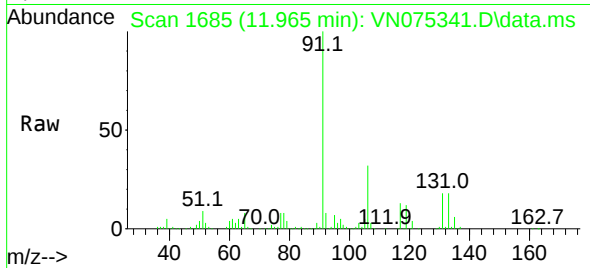
Tgt Ion:131 Resp: 140967
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 63.6 33.0 99.0





#67
Ethyl Benzene
Concen: 73.162 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

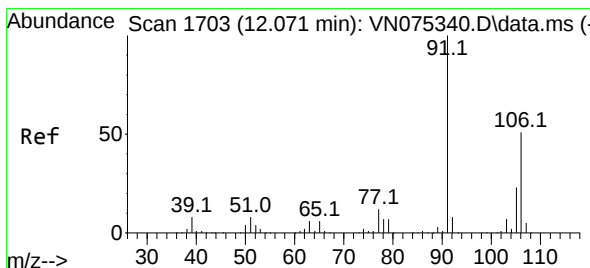
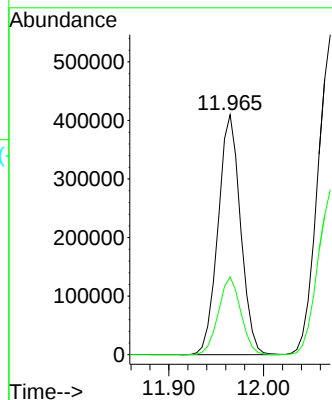
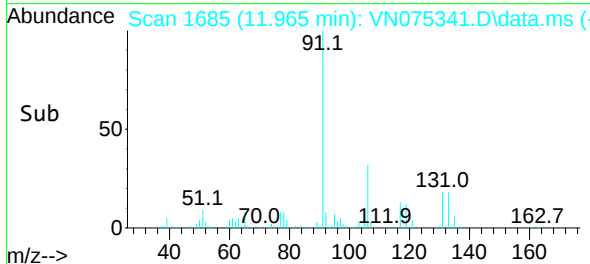
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



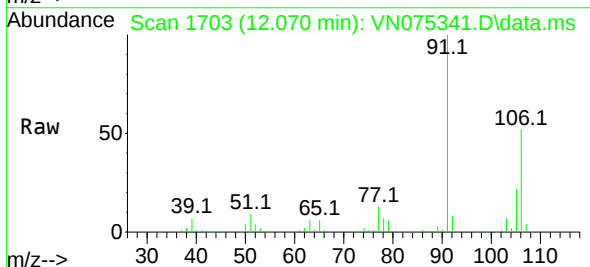
Tgt Ion: 91 Resp: 675412
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3

Manual Integrations
APPROVED

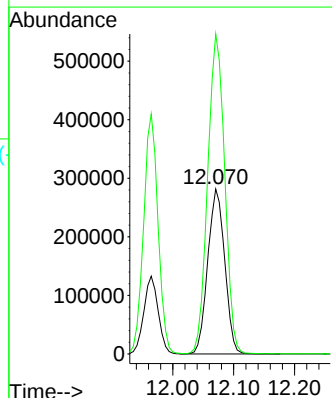
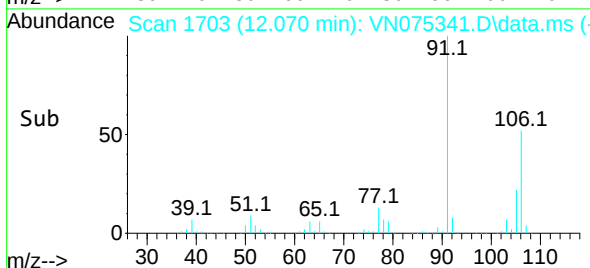
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

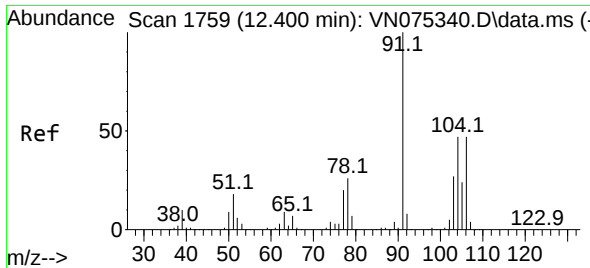


#68
m/p-Xylenes
Concen: 147.853 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



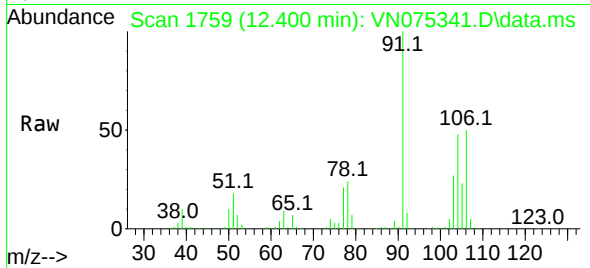
Tgt Ion:106 Resp: 544956
Ion Ratio Lower Upper
106 100
91 194.4 156.0 234.0





#69
o-Xylene
Concen: 73.936 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

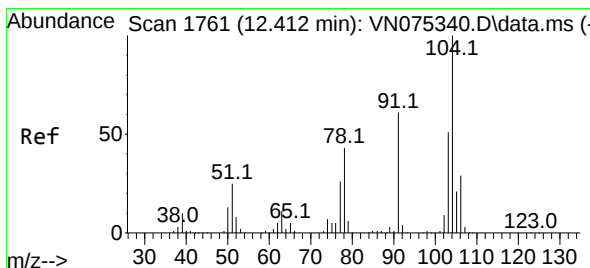
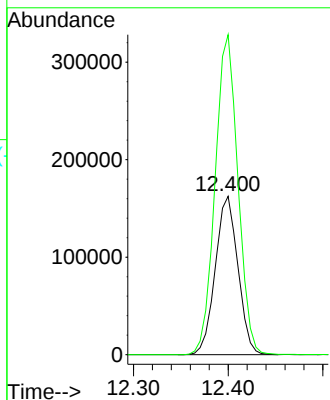
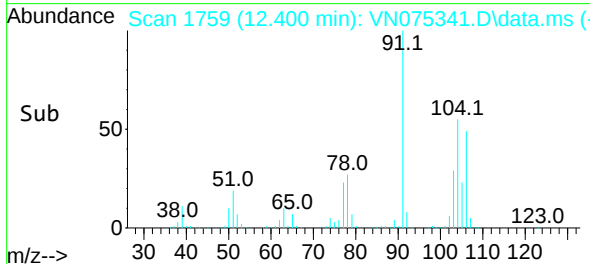
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:106 Resp: 269890
Ion Ratio Lower Upper
106 100
91 203.5 105.2 315.5

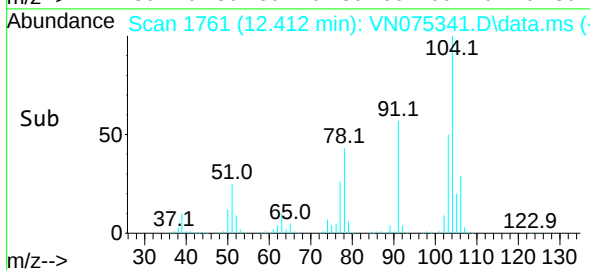
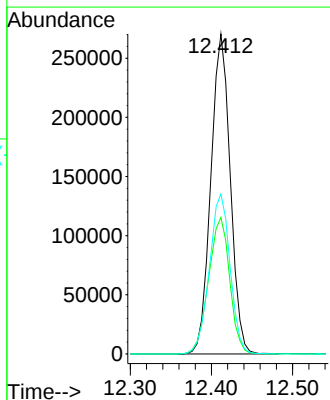
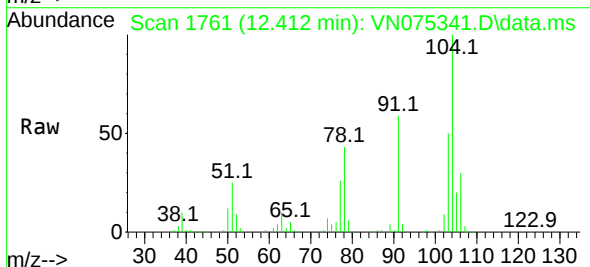
Manual Integrations
APPROVED

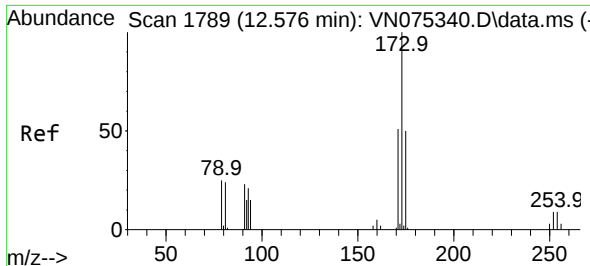
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#70
Styrene
Concen: 77.058 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

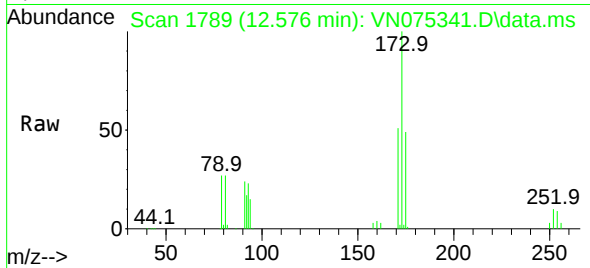
Tgt Ion:104 Resp: 450000
Ion Ratio Lower Upper
104 100
78 46.3 38.1 57.1
103 53.3 44.6 66.8





#71
Bromoform
Concen: 84.058 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

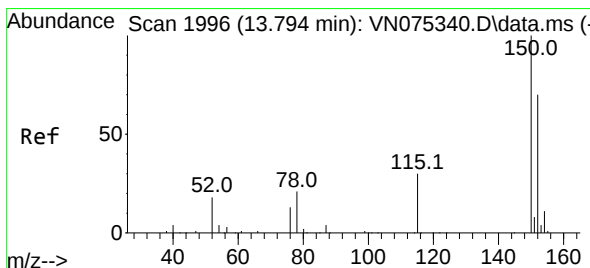
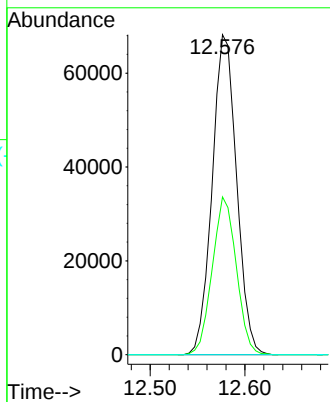
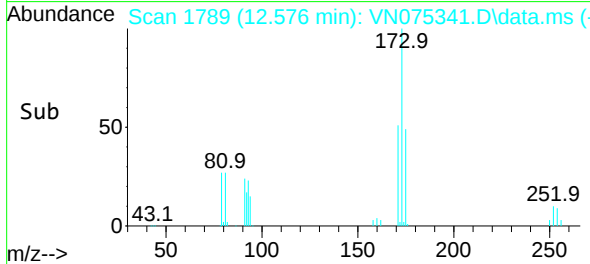
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



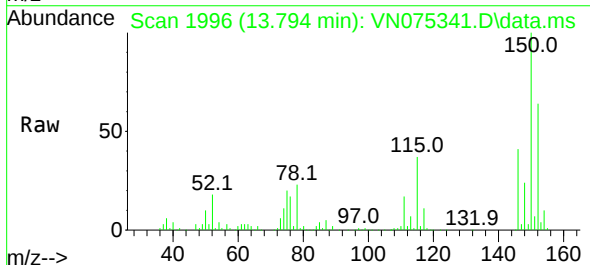
Tgt Ion:173 Resp: 122290
Ion Ratio Lower Upper
173 100
175 48.5 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

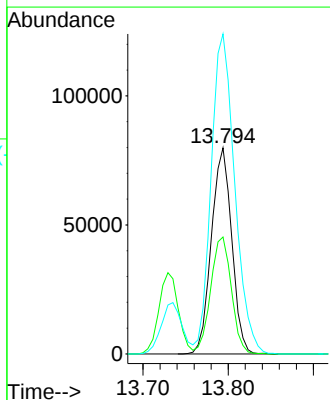
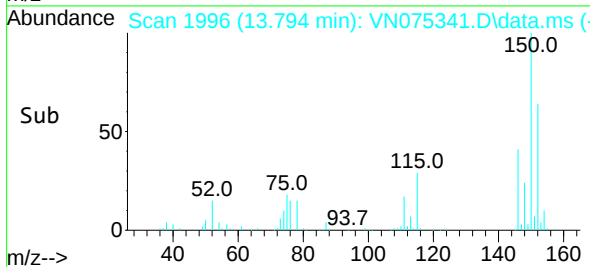
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

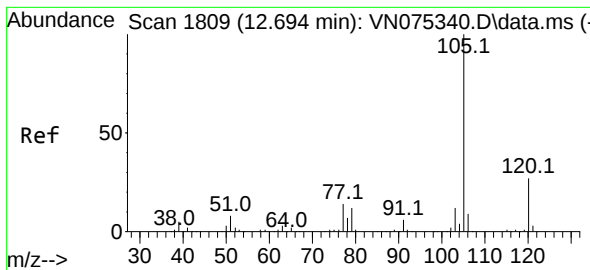


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion:152 Resp: 132551
Ion Ratio Lower Upper
152 100
115 57.8 30.2 90.6
150 180.1 0.0 348.4





#73

Isopropylbenzene

Concen: 67.131 ug/l

RT: 12.694 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:105 Resp: 706178

Ion Ratio Lower Upper

105 100

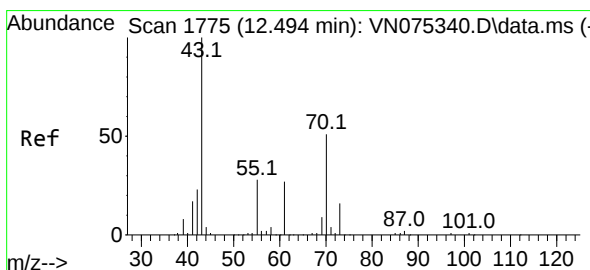
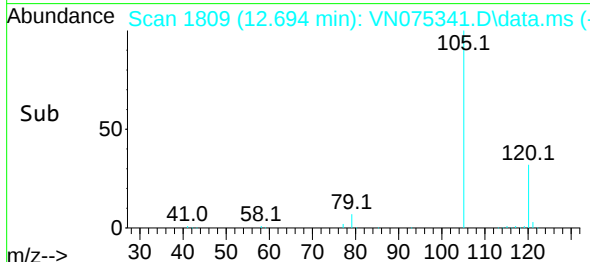
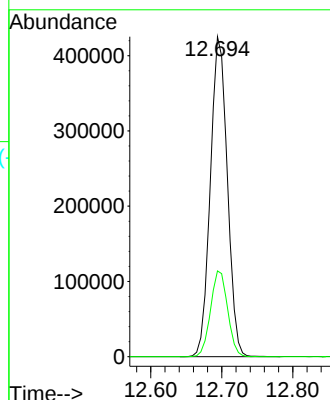
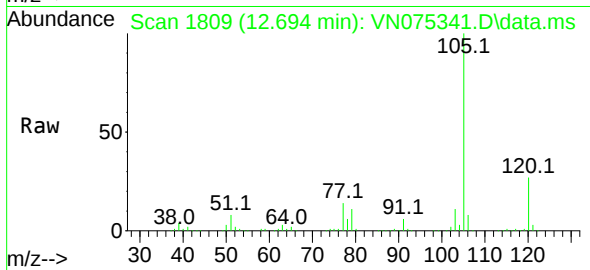
120 26.9 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#74

N-ethyl acetate

Concen: 63.256 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Tgt Ion: 43 Resp: 242445

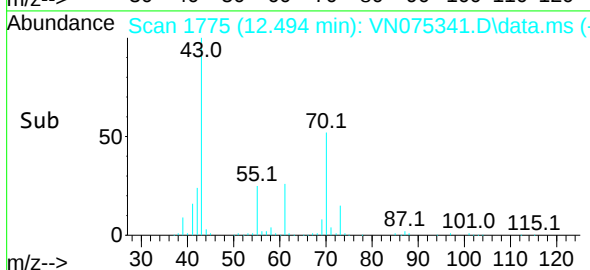
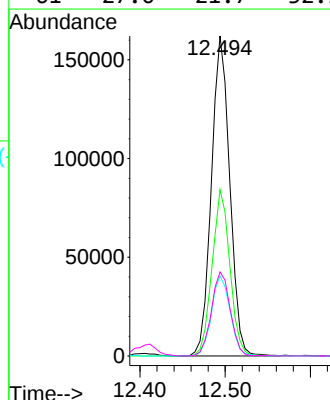
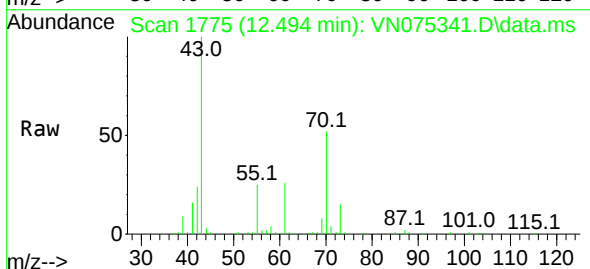
Ion Ratio Lower Upper

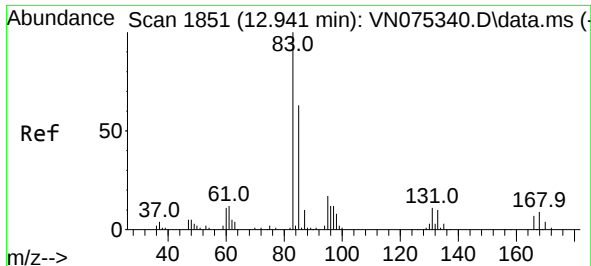
43 100

70 50.5 39.8 59.8

55 25.5 19.9 29.9

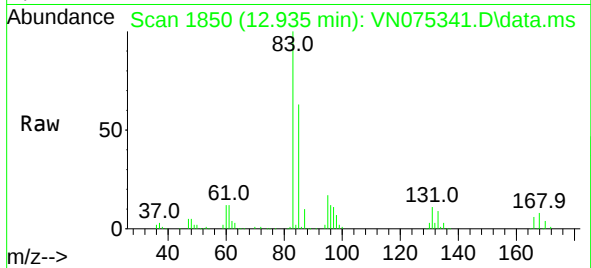
61 27.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 69.766 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

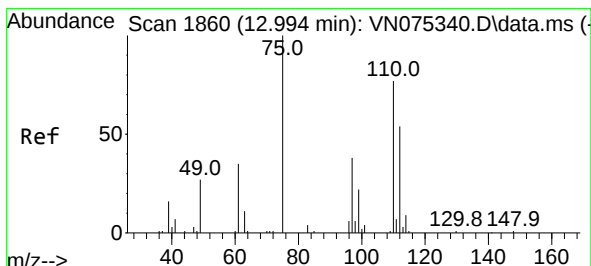
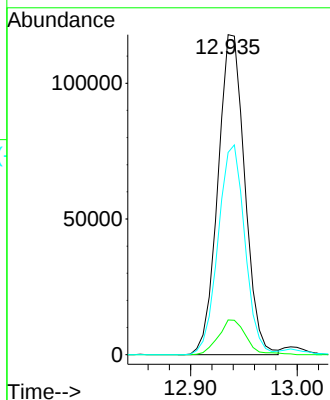
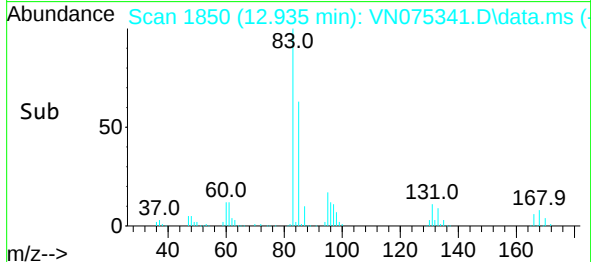
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



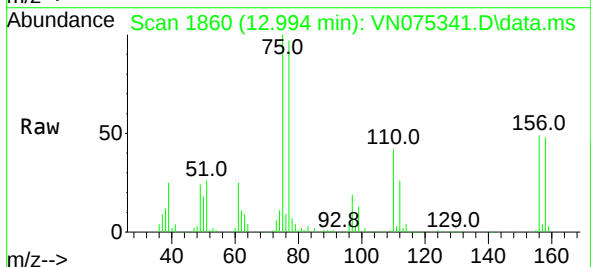
Tgt Ion: 83 Resp: 20629
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 65.3 31.6 94.7

Manual Integrations
APPROVED

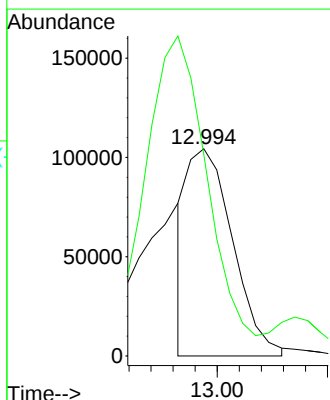
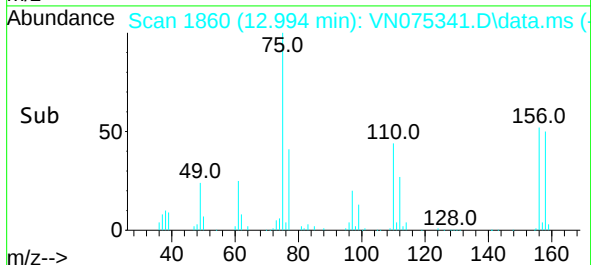
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

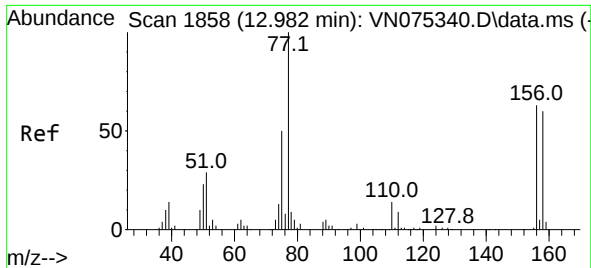


#76
1,2,3-Trichloropropane
Concen: 54.731 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



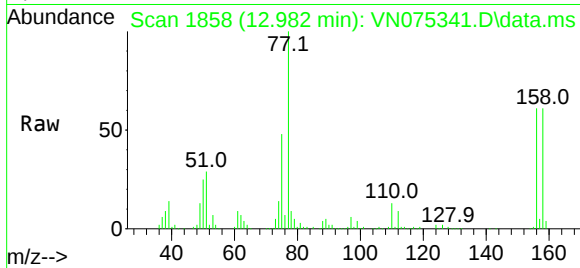
Tgt Ion: 75 Resp: 149855
Ion Ratio Lower Upper
75 100
77 214.8 75.6 226.8





#77
Bromobenzene
Concen: 72.626 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

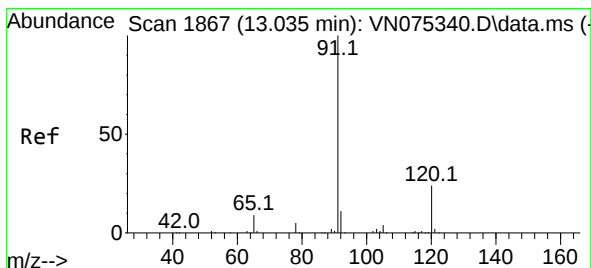
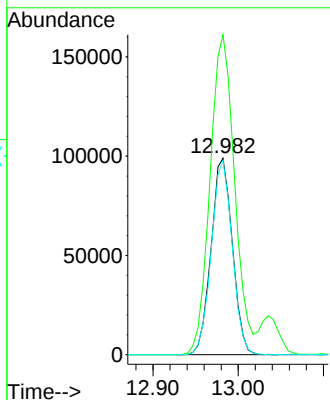
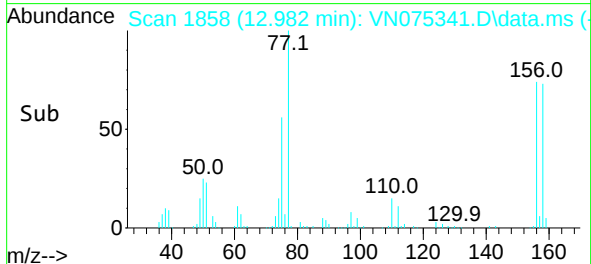
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:156 Resp: 171540
Ion Ratio Lower Upper
156 100
77 187.6 108.5 325.5
158 97.4 47.7 143.1

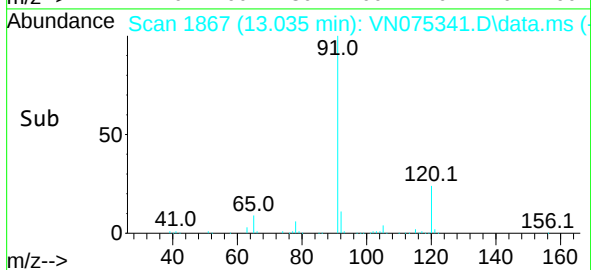
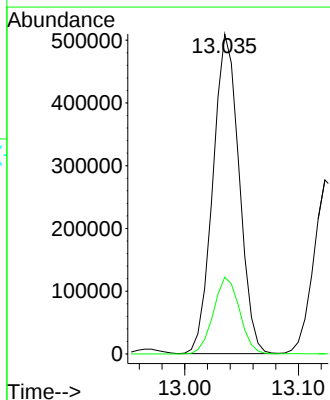
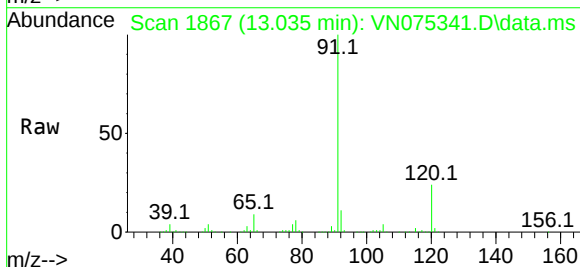
Manual Integrations
APPROVED

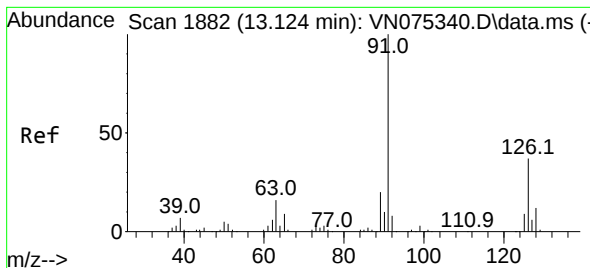
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#78
n-propylbenzene
Concen: 68.998 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Tgt Ion: 91 Resp: 816139
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





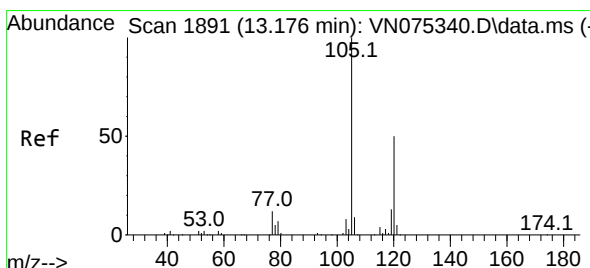
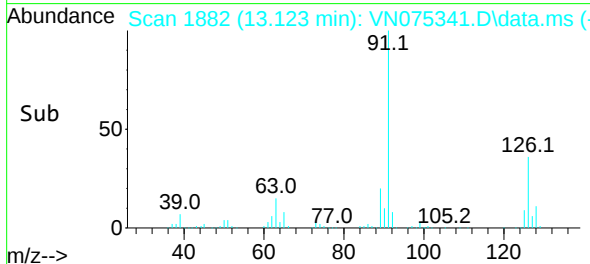
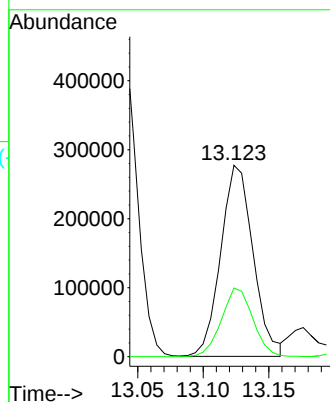
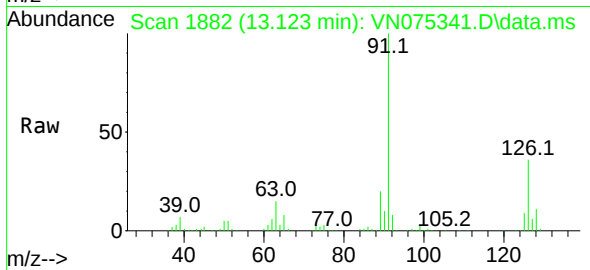
#79
2-Chlorotoluene
Concen: 66.205 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 47610
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7

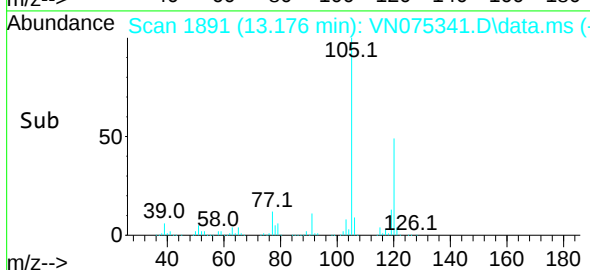
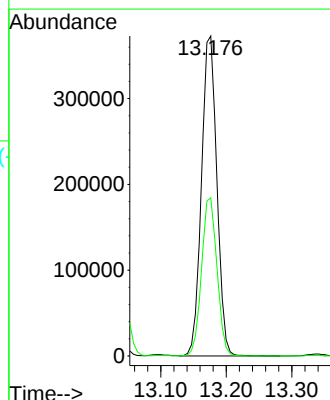
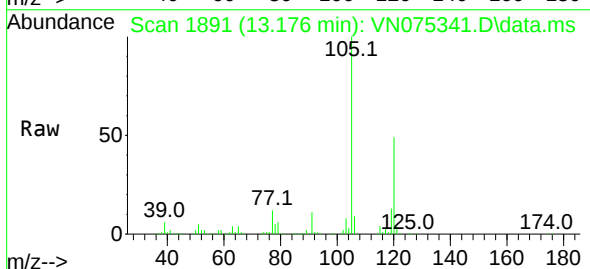
Manual Integrations
APPROVED

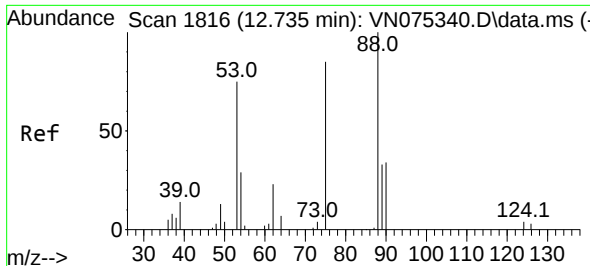
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 69.058 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

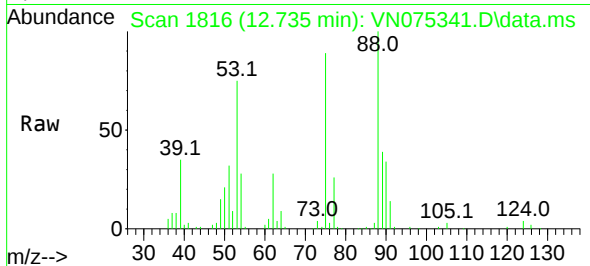
Tgt Ion:105 Resp: 610032
Ion Ratio Lower Upper
105 100
120 49.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 66.845 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

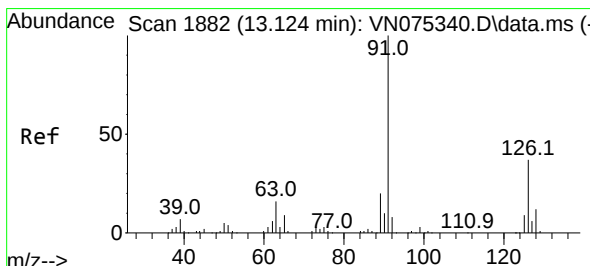
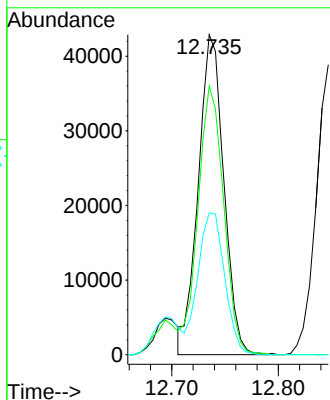
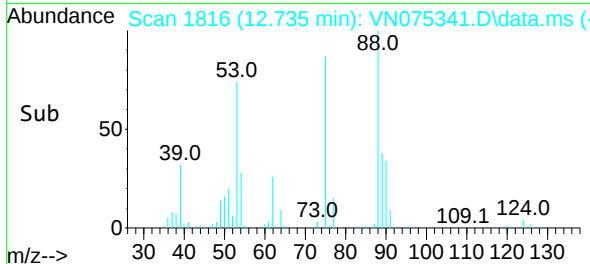
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



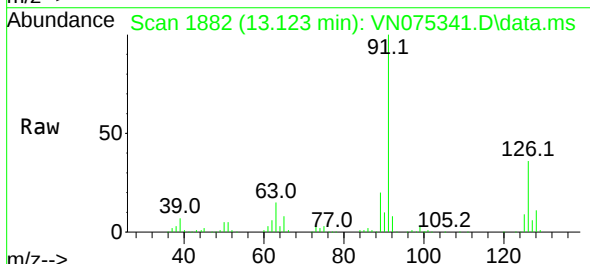
Tgt Ion: 75 Resp: 7129
Ion Ratio Lower Upper
75 100
53 85.0 78.5 117.7
89 46.4 37.7 56.5

Manual Integrations
APPROVED

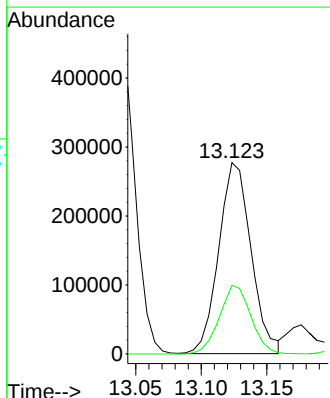
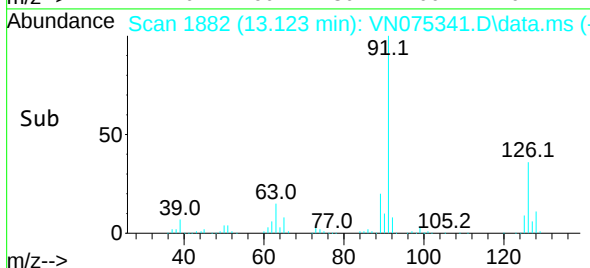
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

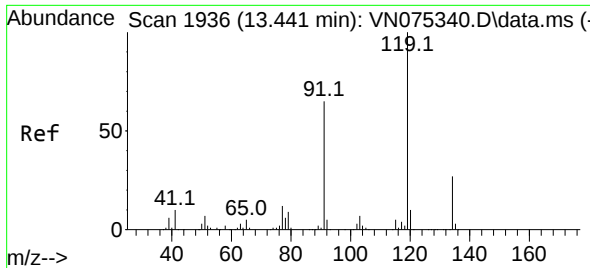


#82
4-Chlorotoluene
Concen: 66.205 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion: 91 Resp: 476103
Ion Ratio Lower Upper
91 100
126 34.9 16.9 50.7





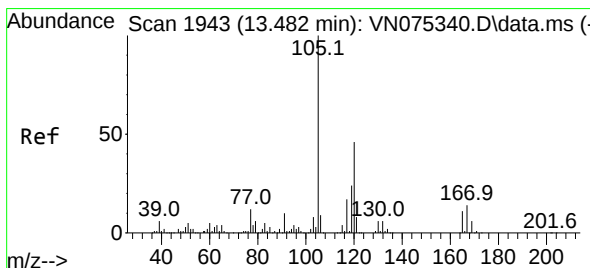
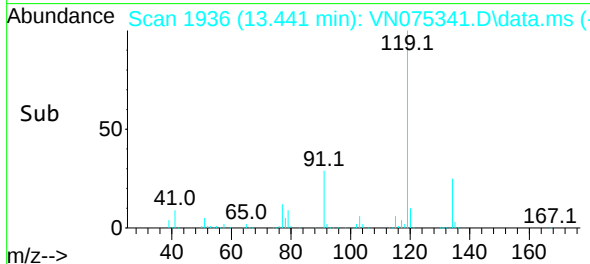
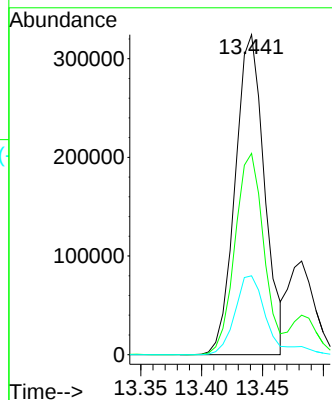
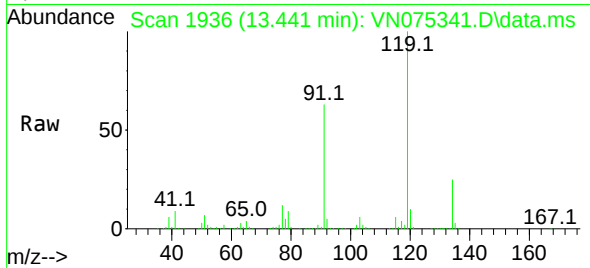
#83
tert-Butylbenzene
Concen: 69.163 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument : MSVOA_N
ClientSampleId : VSTDIC075

Tgt Ion:119 Resp: 544538
Ion Ratio Lower Upper
119 100
91 61.7 32.8 98.4
134 26.9 12.3 36.9

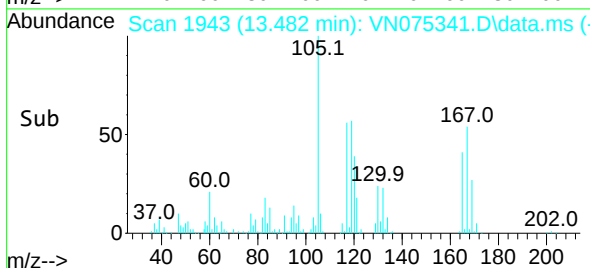
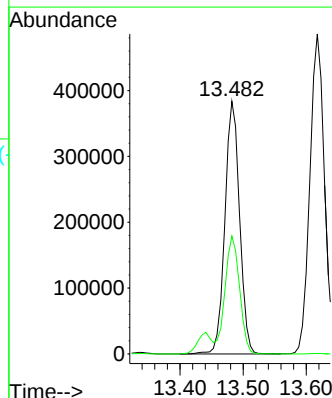
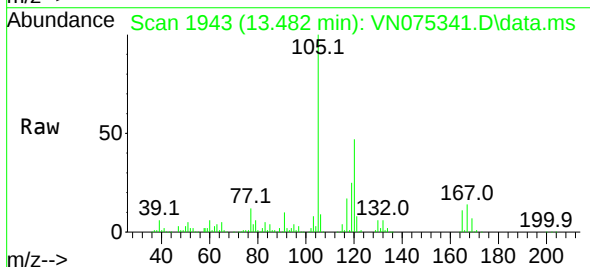
Manual Integrations
APPROVED

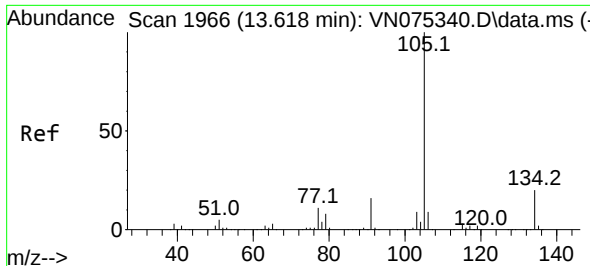
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#84
1,2,4-Trimethylbenzene
Concen: 69.447 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

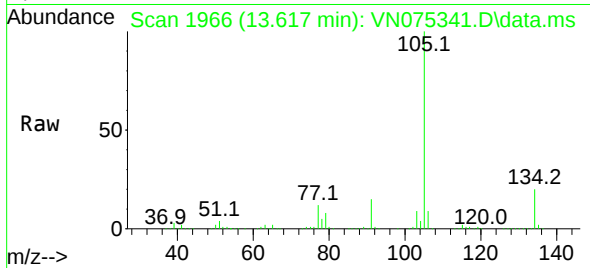
Tgt Ion:105 Resp: 619852
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 70.603 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075341.D
 Acq: 21 Nov 2022 13:05

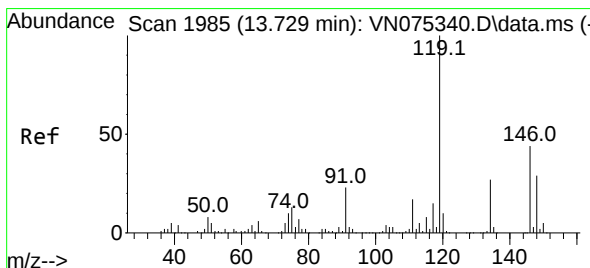
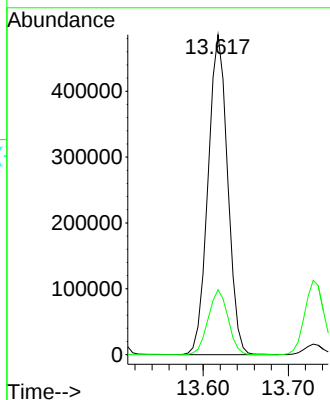
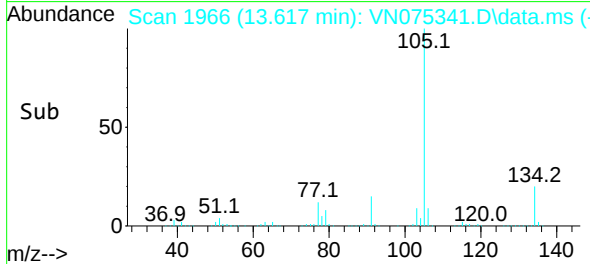
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



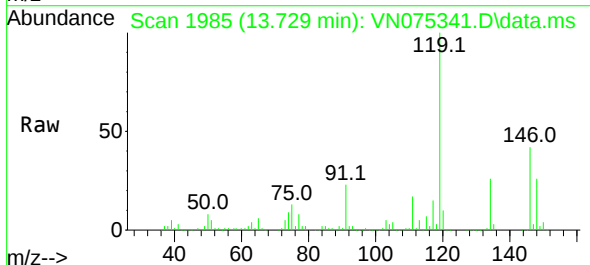
Tgt Ion:105 Resp: 776091
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
 APPROVED

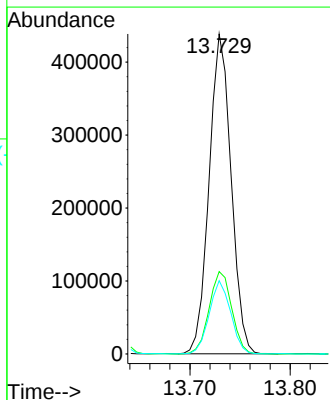
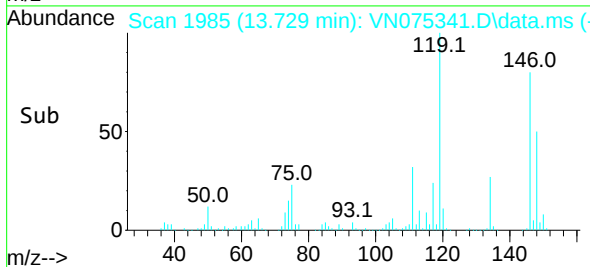
Reviewed By :John Carlone 11/22/2022
 Supervised By :Mahesh Dadoda 11/23/2022



#86
 p-Isopropyltoluene
 Concen: 73.454 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075341.D
 Acq: 21 Nov 2022 13:05



Tgt Ion:119 Resp: 668216
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.3 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 73.169 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:146 Resp: 335700

Ion Ratio Lower Upper

146 100

111 38.9 20.8 62.5

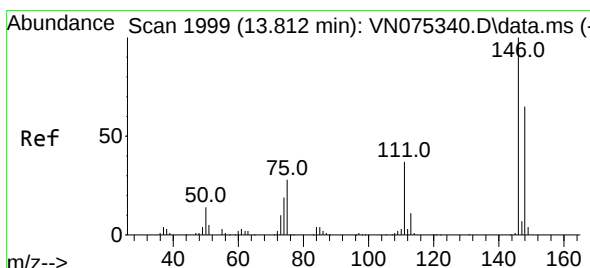
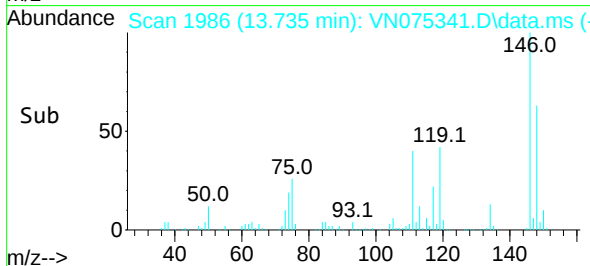
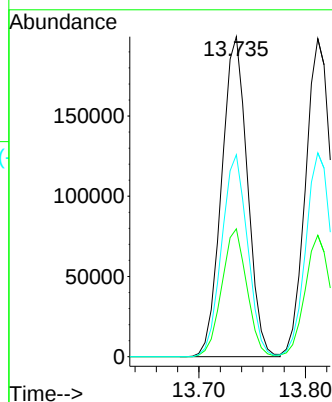
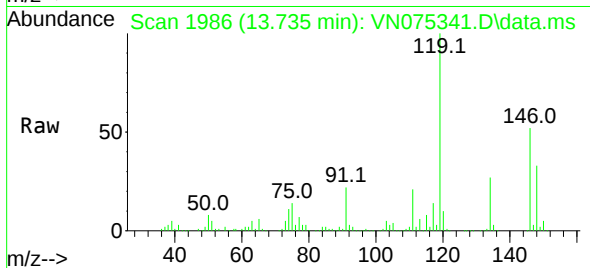
148 63.2 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#88

1,4-Dichlorobenzene

Concen: 73.480 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

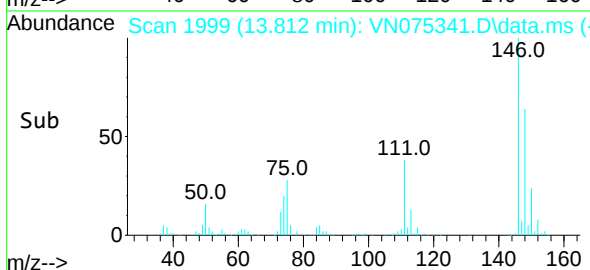
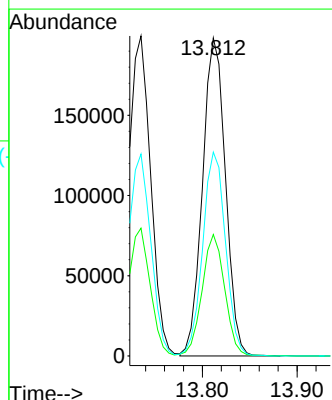
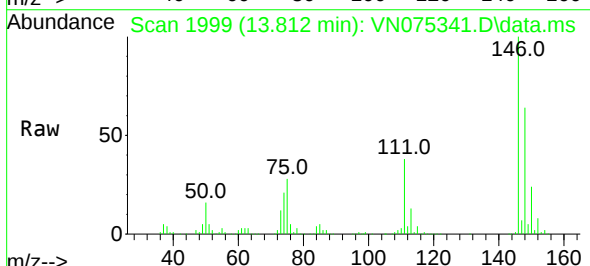
Tgt Ion:146 Resp: 333884

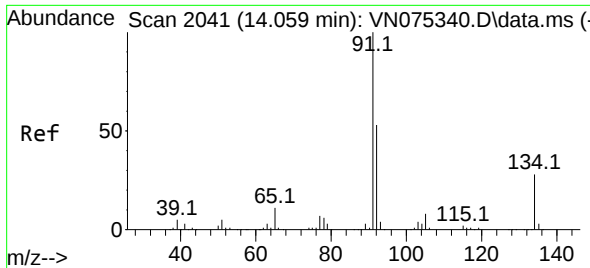
Ion Ratio Lower Upper

146 100

111 37.7 20.1 60.3

148 63.9 31.9 95.7





#89
n-Butylbenzene
Concen: 77.064 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

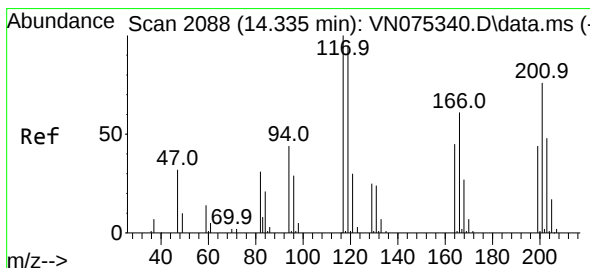
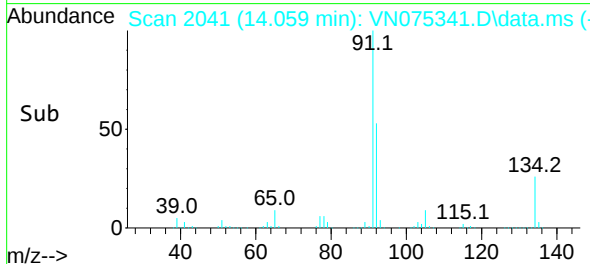
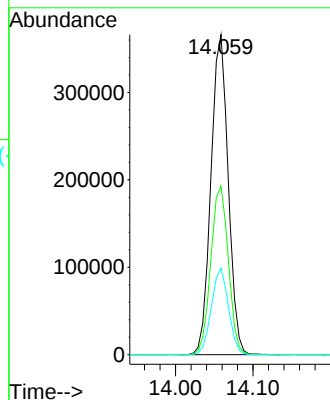
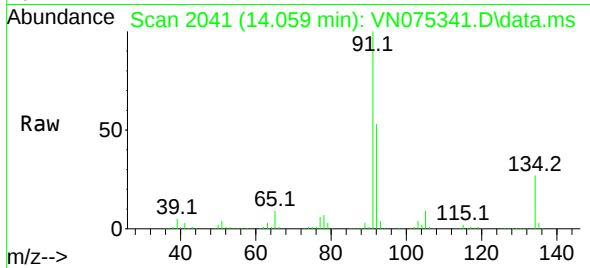
VSTDICC075

Tgt Ion: 91 Resp: 56643
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.4
134 26.7 13.0 39.0

Manual Integrations

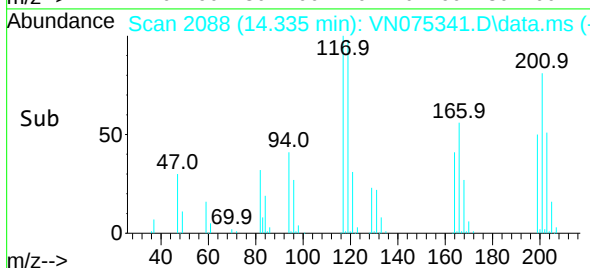
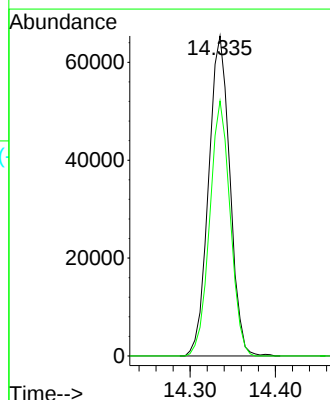
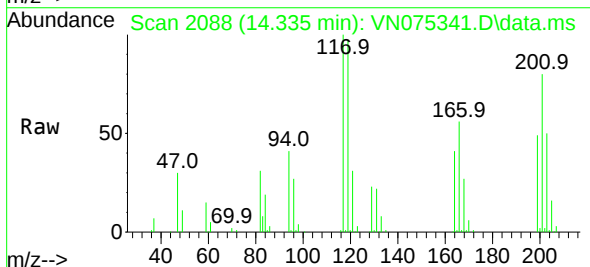
APPROVED

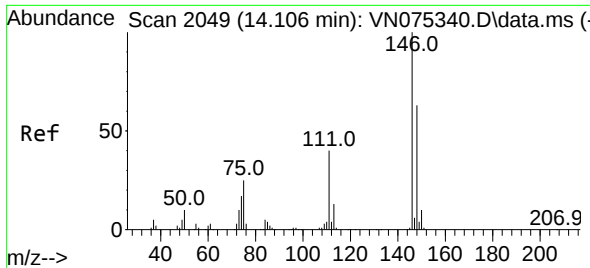
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#90
Hexachloroethane
Concen: 68.334 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

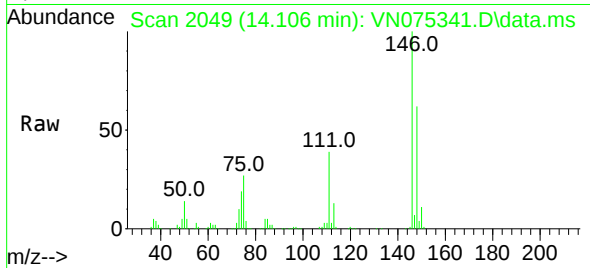
Tgt Ion:117 Resp: 113503
Ion Ratio Lower Upper
117 100
201 76.6 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 71.231 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

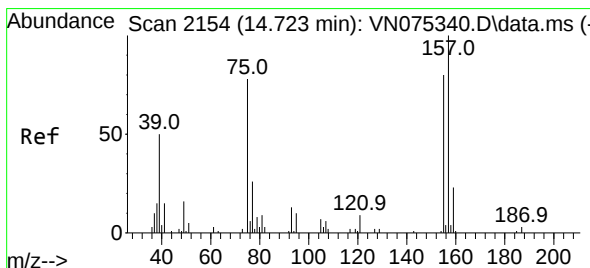
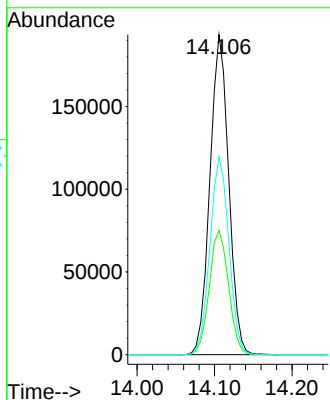
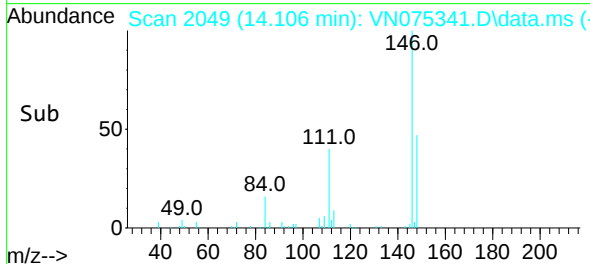
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



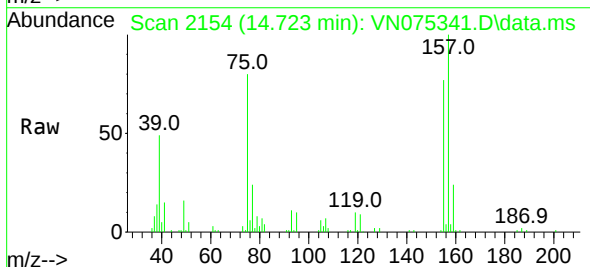
Tgt Ion:146 Resp: 325389
Ion Ratio Lower Upper
146 100
111 39.8 21.3 63.9
148 62.6 31.4 94.2

Manual Integrations
APPROVED

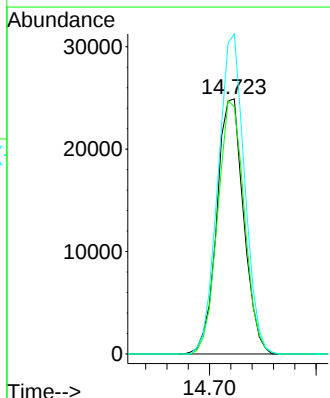
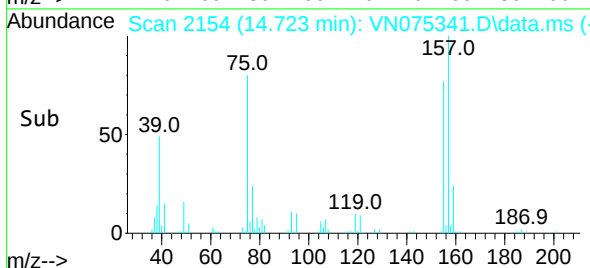
Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022

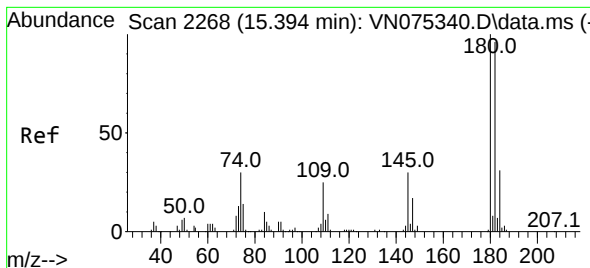


#92
1,2-Dibromo-3-Chloropropane
Concen: 62.148 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion: 75 Resp: 43508
Ion Ratio Lower Upper
75 100
155 98.4 42.1 126.3
157 124.1 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 90.586 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075341.D

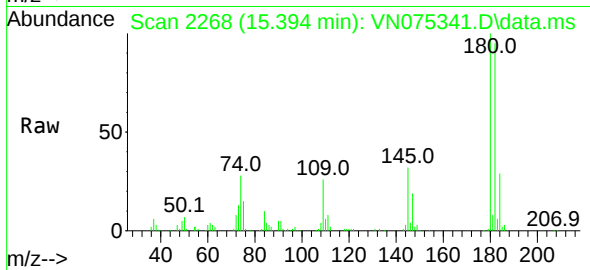
Acq: 21 Nov 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075



Tgt Ion:180 Resp: 185014

Ion Ratio Lower Upper

180 100

182 95.3 47.8 143.4

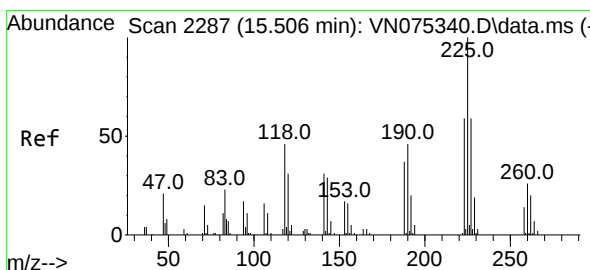
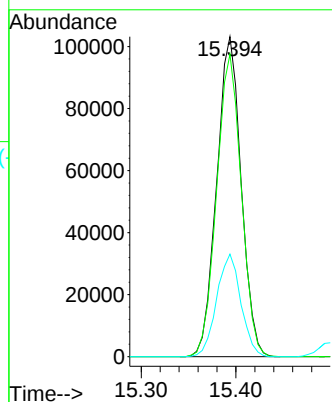
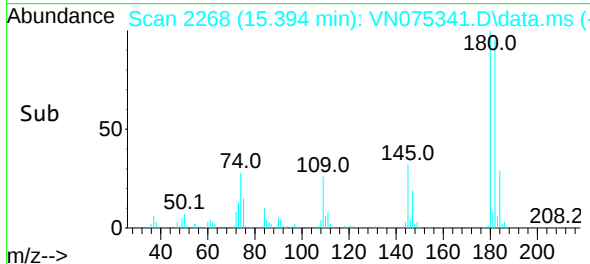
145 31.7 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2022

Supervised By :Mahesh Dadoda 11/23/2022



#94

Hexachlorobutadiene

Concen: 91.236 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.006 min

Lab File: VN075341.D

Acq: 21 Nov 2022 13:05

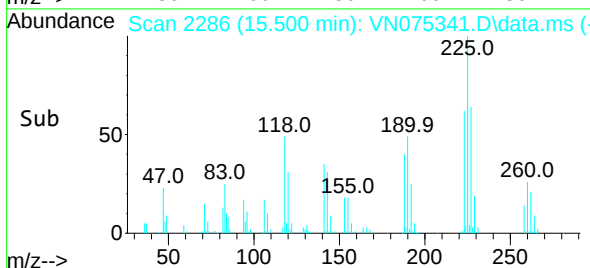
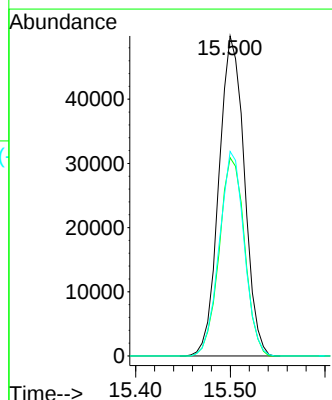
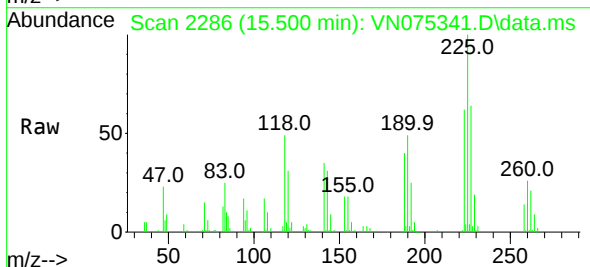
Tgt Ion:225 Resp: 92734

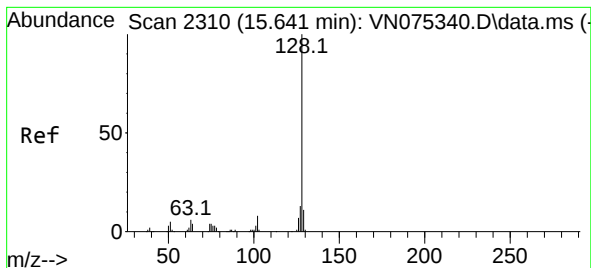
Ion Ratio Lower Upper

225 100

223 62.0 32.3 96.9

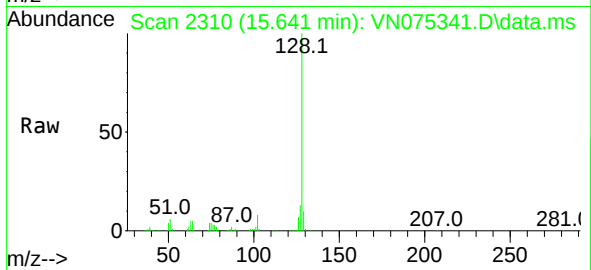
227 62.8 32.0 96.2





#95
Naphthalene
Concen: 78.997 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05

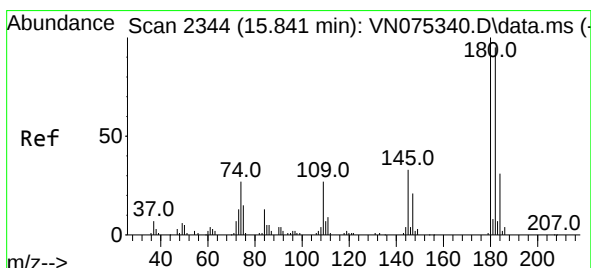
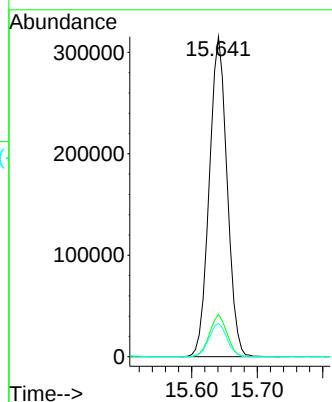
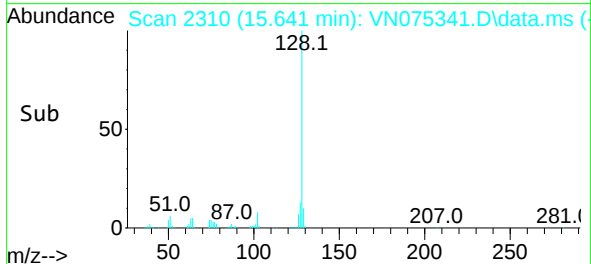
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



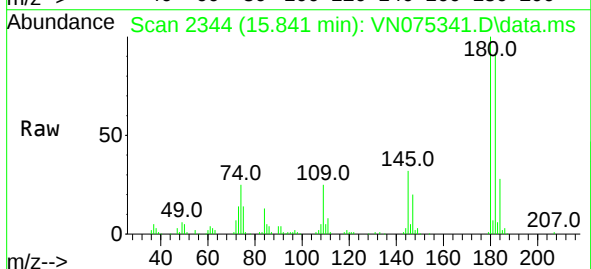
Tgt Ion:128 Resp: 595534
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.5 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2022
Supervised By :Mahesh Dadoda 11/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 88.362 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075341.D
Acq: 21 Nov 2022 13:05



Tgt Ion:180 Resp: 178156
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 32.4 17.6 52.9

