

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075668.D
 Acq On : 09 Dec 2022 14:33
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Dec 09 14:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 09 13:25:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	221613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	356208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	326774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	183200	154.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 308.000%#			
35) Dibromofluoromethane	8.171	113	167821	119.932	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 239.860%#			
50) Toluene-d8	10.571	98	658974	209.091	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 418.180%#			
62) 4-Bromofluorobenzene	12.853	95	232686	100.027	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 200.060%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	119194	70.338	ug/l	96
3) Chloromethane	2.371	50	137903	65.401	ug/l	99
4) Vinyl Chloride	2.524	62	178431	67.145	ug/l	95
5) Bromomethane	2.930	94	156042	66.774	ug/l	95
6) Chloroethane	3.112	64	135131	67.109	ug/l	95
7) Trichlorofluoromethane	3.500	101	263584	69.431	ug/l	98
8) Diethyl Ether	3.971	74	98938	74.357	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	152740	72.880	ug/l	90
10) Methyl Iodide	4.595	142	257938	75.953	ug/l	94
11) Tert butyl alcohol	5.542	59	135894	272.127	ug/l	98
12) 1,1-Dichloroethene	4.347	96	148590	72.403	ug/l	91
13) Acrolein	4.189	56	155663	357.815	ug/l	98
14) Allyl chloride	5.036	41	190204m	71.651	ug/l	
15) Acrylonitrile	5.730	53	354623	309.524	ug/l	98
16) Acetone	4.436	43	282311	254.427	ug/l	96
17) Carbon Disulfide	4.718	76	384586	72.108	ug/l	99
18) Methyl Acetate	5.030	43	182411	55.533	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	514736	70.802	ug/l	98
20) Methylene Chloride	5.289	84	169006	65.008	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	164170	70.193	ug/l	97
22) Diisopropyl ether	6.677	45	436055	71.982	ug/l	97
23) Vinyl Acetate	6.612	43	1712131m	355.259	ug/l	
24) 1,1-Dichloroethane	6.577	63	280215	72.065	ug/l	97
25) 2-Butanone	7.488	43	447332	288.763	ug/l	98
26) 2,2-Dichloropropane	7.494	77	239943	66.397	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	195216	73.816	ug/l	93
28) Bromochloromethane	7.818	49	115814	73.377	ug/l #	82
29) Tetrahydrofuran	7.841	42	293277	311.240	ug/l	96
30) Chloroform	7.971	83	311081	69.667	ug/l	99
31) Cyclohexane	8.265	56	247026	65.360	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	293056	72.281	ug/l	94
36) 1,1-Dichloropropene	8.377	75	231126	75.740	ug/l	97
37) Ethyl Acetate	7.571	43	178505	64.965	ug/l	97
38) Carbon Tetrachloride	8.365	117	262813	78.401	ug/l	99
39) Methylcyclohexane	9.606	83	302648	79.245	ug/l	95
40) Benzene	8.612	78	689495	73.798	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	100495	71.538	ug/l	99
42) 1,2-Dichloroethane	8.677	62	226265	72.311	ug/l	95
43) Isopropyl Acetate	8.694	43	315180	71.463	ug/l	95
44) Trichloroethene	9.353	130	193687	75.764	ug/l	92
45) 1,2-Dichloropropane	9.624	63	165207	74.201	ug/l	95
46) Dibromomethane	9.712	93	127215	75.541	ug/l #	88
47) Bromodichloromethane	9.888	83	250804	76.904	ug/l	98
48) Methyl methacrylate	9.682	41	147996	72.570	ug/l	95
49) 1,4-Dioxane	9.700	88	72859	1258.176	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	967106	344.278	ug/l	97
52) Toluene	10.635	92	474106	78.746	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	270593	82.648	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	286809	80.657	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	182105	74.263	ug/l	97
56) Ethyl methacrylate	10.876	69	269621	81.417	ug/l	97
57) 1,3-Dichloropropane	11.165	76	298434	74.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	410755	343.915	ug/l	96
59) 2-Hexanone	11.200	43	723582	343.036	ug/l	97
60) Dibromochloromethane	11.359	129	214222	85.109	ug/l	100
61) 1,2-Dibromoethane	11.471	107	191610	75.283	ug/l	99
64) Tetrachloroethene	11.106	164	173244	69.425	ug/l	89
65) Chlorobenzene	11.894	112	521920	77.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	197668	78.481	ug/l	99
67) Ethyl Benzene	11.965	91	934765	81.191	ug/l	97
68) m/p-Xylenes	12.076	106	743332	158.988	ug/l	99
69) o-Xylene	12.400	106	366310	78.856	ug/l	99
70) Styrene	12.412	104	609939	83.233	ug/l	99
71) Bromoform	12.582	173	161069	84.025	ug/l #	100
73) Isopropylbenzene	12.700	105	963001	76.019	ug/l	98
74) N-amyl acetate	12.494	43	306679	78.746	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	268451	69.508	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	257693m	78.604	ug/l	
77) Bromobenzene	12.982	156	234942	75.123	ug/l	84
78) n-propylbenzene	13.041	91	1110107	78.522	ug/l	99
79) 2-Chlorotoluene	13.129	91	647507	76.015	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	838214	79.643	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	82686	74.625	ug/l	98
82) 4-Chlorotoluene	13.129	91	647507	76.015	ug/l	97
83) tert-Butylbenzene	13.441	119	735758	76.673	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	839219	79.495	ug/l	99
85) sec-Butylbenzene	13.617	105	1062646	81.614	ug/l	100
86) p-Isopropyltoluene	13.735	119	910022	83.071	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	451362	76.172	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	449431	74.665	ug/l	98
89) n-Butylbenzene	14.059	91	759062	82.040	ug/l	99
90) Hexachloroethane	14.335	117	157061	83.108	ug/l	82
91) 1,2-Dichlorobenzene	14.106	146	441667	76.466	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50870	69.532	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	239908	81.051	ug/l	98
94) Hexachlorobutadiene	15.506	225	123803	80.298	ug/l	99
95) Naphthalene	15.641	128	710133	76.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	229279	78.812	ug/l	98

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Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/12/2022

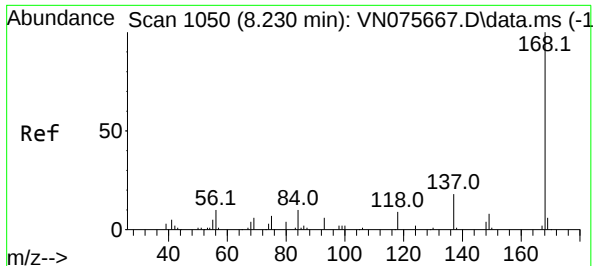
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

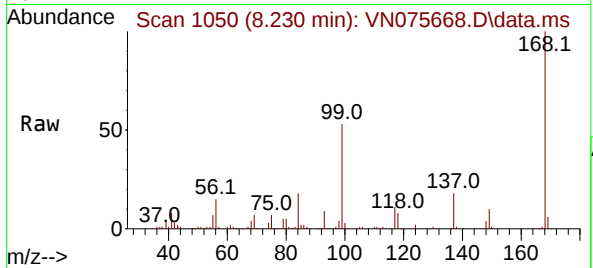
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

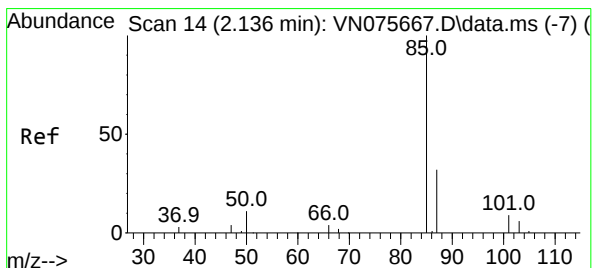
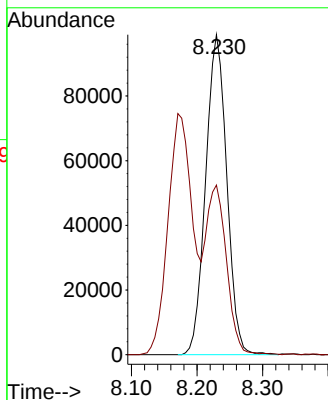
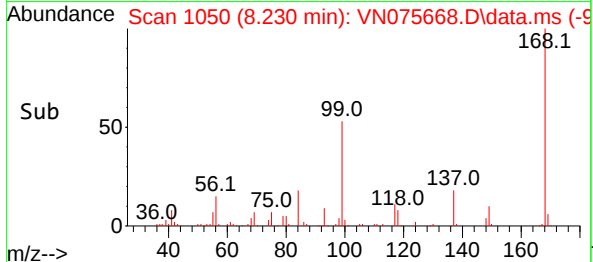
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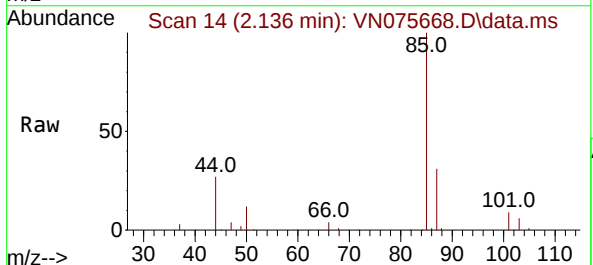
Tgt Ion:168 Resp: 22161
Ion Ratio Lower Upper
168 100
99 52.8 51.6 77.4

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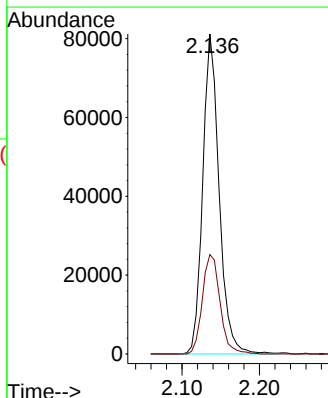
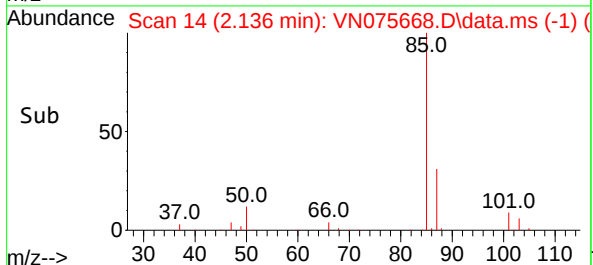
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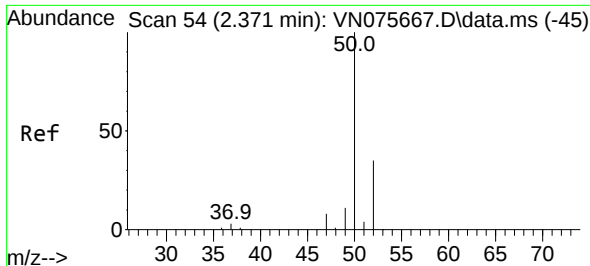


#2
Dichlorodifluoromethane
Concen: 70.338 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



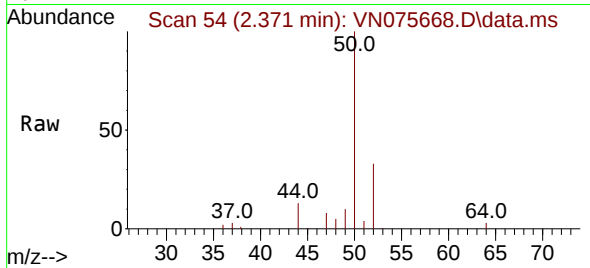
Tgt Ion: 85 Resp: 119194
Ion Ratio Lower Upper
85 100
87 31.1 16.7 50.0





#3
Chloromethane
Concen: 65.401 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

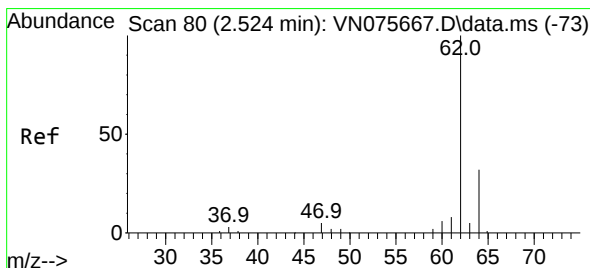
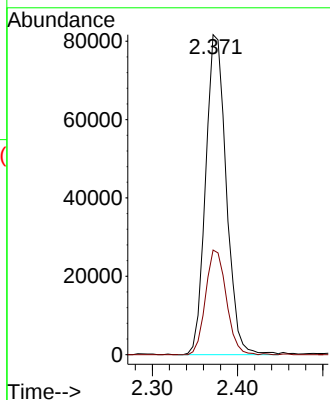
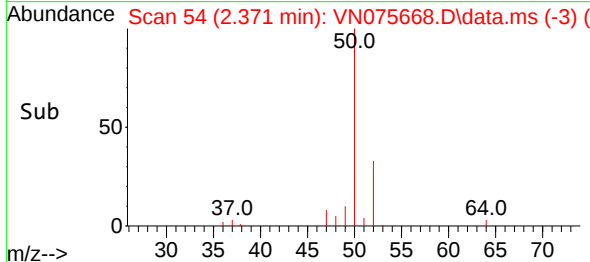
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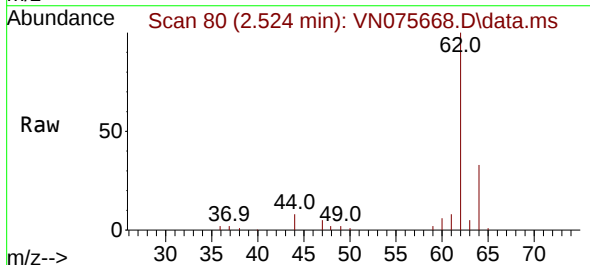
Tgt Ion: 50 Resp: 13790
Ion Ratio Lower Upper
50 100
52 32.7 25.8 38.6

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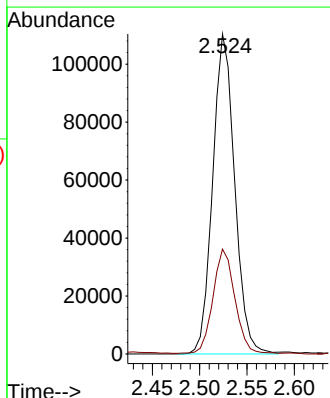
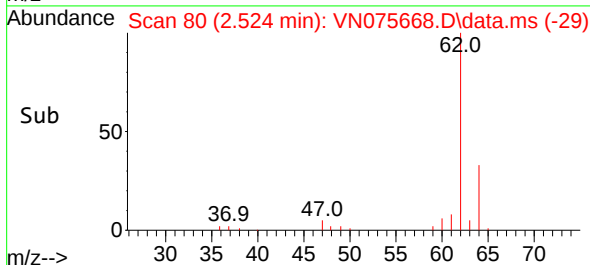
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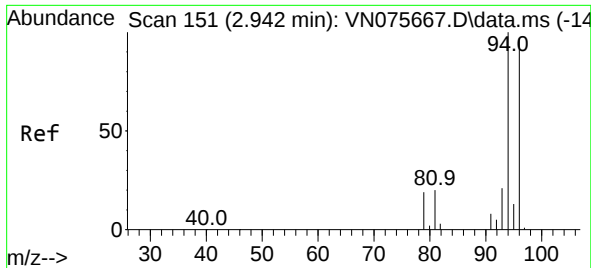


#4
Vinyl Chloride
Concen: 67.145 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion: 62 Resp: 178431
Ion Ratio Lower Upper
62 100
64 32.6 24.0 36.0





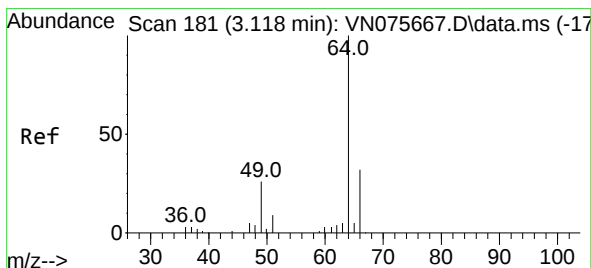
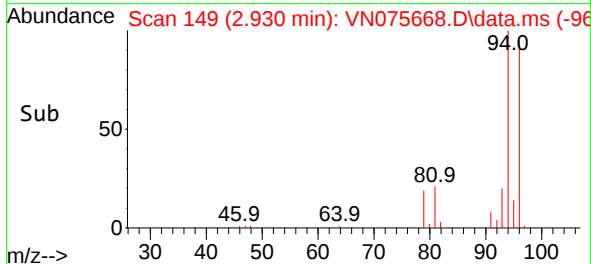
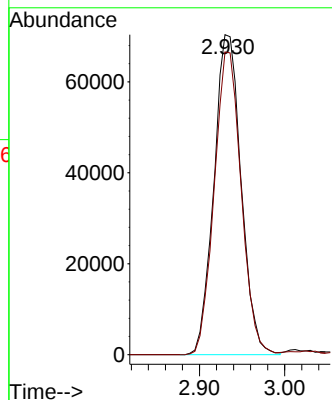
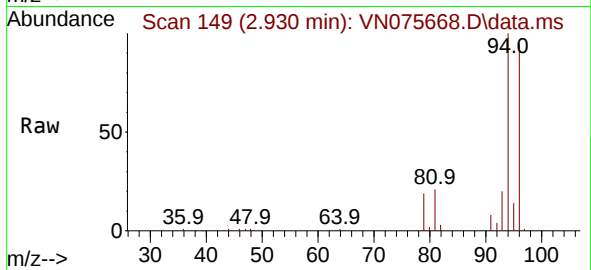
#5
Bromomethane
Concen: 66.774 ug/l
RT: 2.930 min Scan# 149
Delta R.T. 0.012 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 15604
Ion Ratio Lower Upper
94 100
96 94.6 71.8 107.6

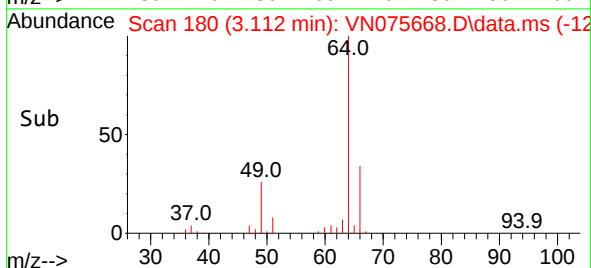
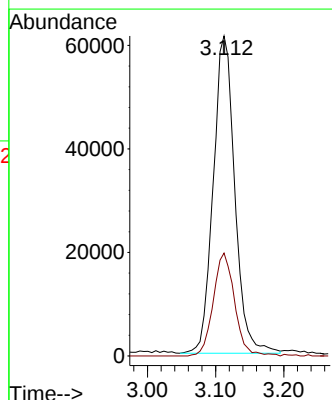
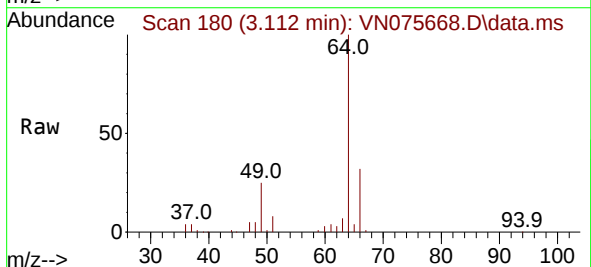
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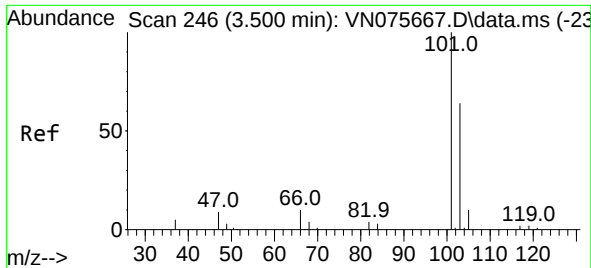
Reviewed By :John Carlone 12/12/2022
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#6
Chloroethane
Concen: 67.109 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075668.D
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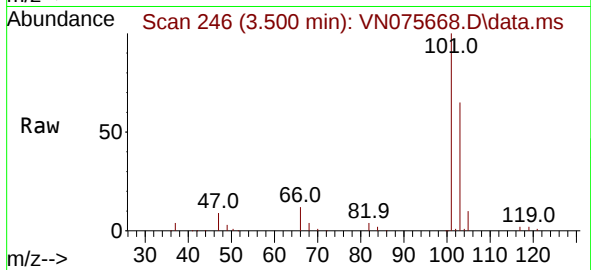
Tgt Ion: 64 Resp: 135131
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 69.431 ug/l
 RT: 3.500 min Scan# 246
 Delta R.T. -0.001 min
 Lab File: VN075668.D
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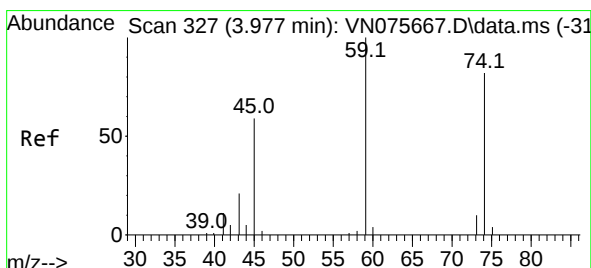
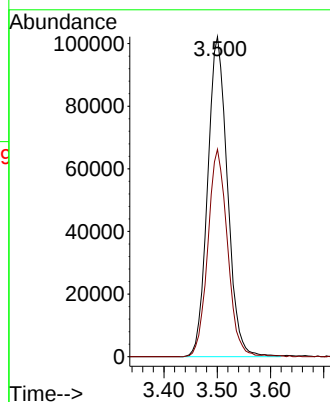
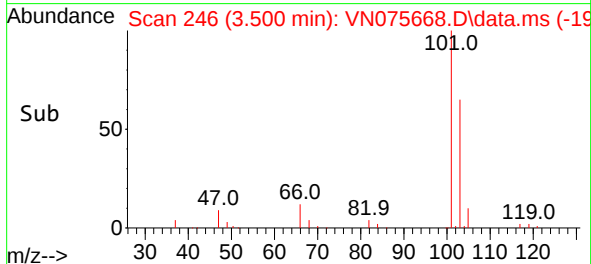
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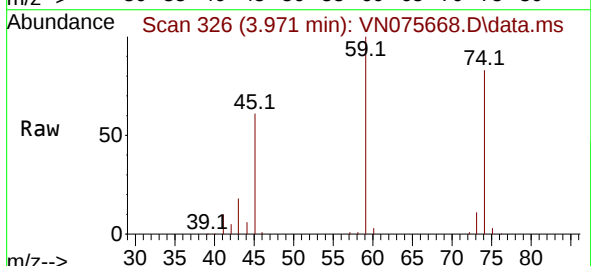
Tgt Ion:101 Resp: 263584
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.5 75.7

Manual Integrations
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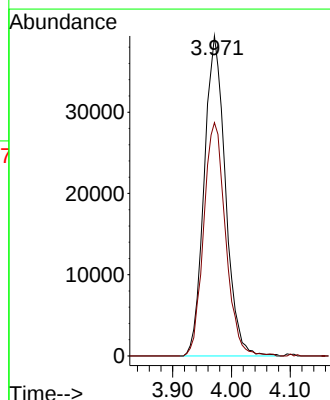
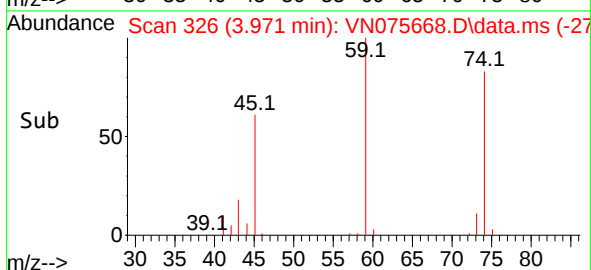
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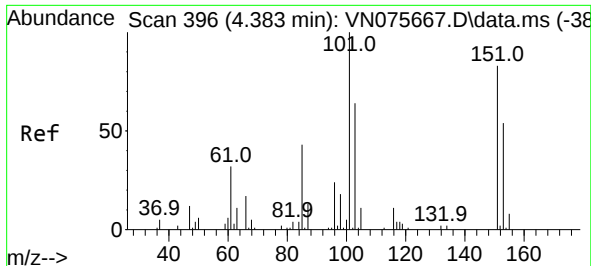


#8
 Diethyl Ether
 Concen: 74.357 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 98938
 Ion Ratio Lower Upper
 74 100
 45 75.2 39.3 117.9





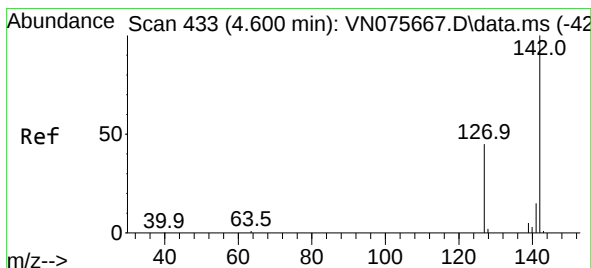
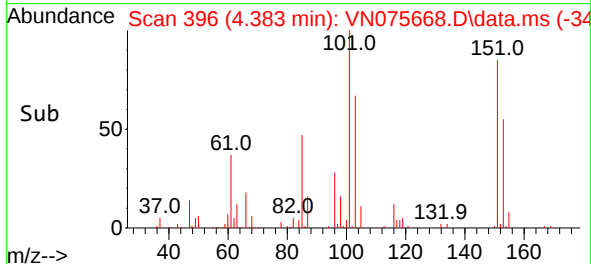
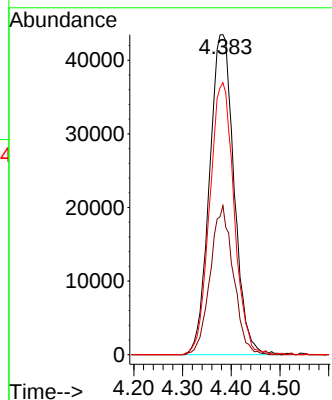
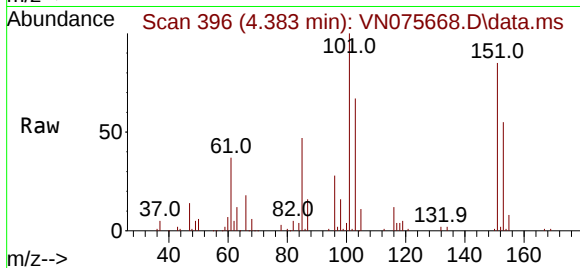
#9
1,1,2-Trichlorotrifluoroethane
Concen: 72.880 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 152740
Ion Ratio Lower Upper
101 100
85 43.7 37.6 56.4
151 84.1 58.3 87.5

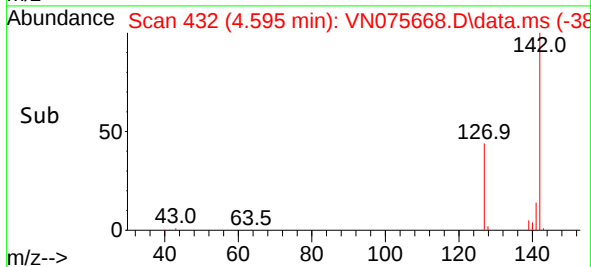
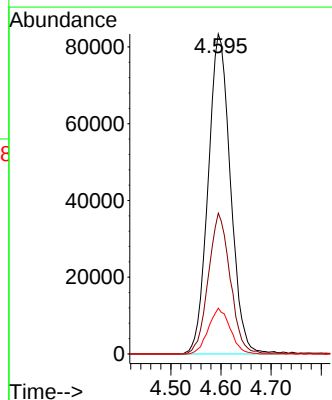
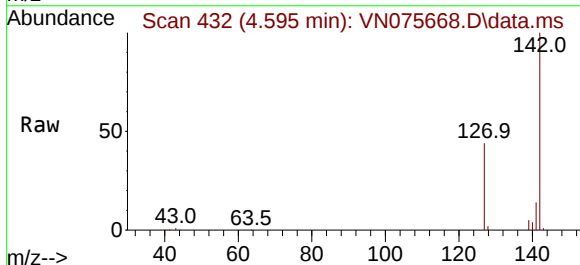
Manual Integrations
APPROVED

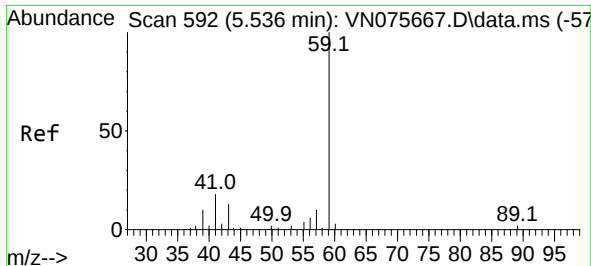
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#10
Methyl Iodide
Concen: 75.953 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:142 Resp: 257938
Ion Ratio Lower Upper
142 100
127 43.2 38.0 57.0
141 14.0 12.2 18.4





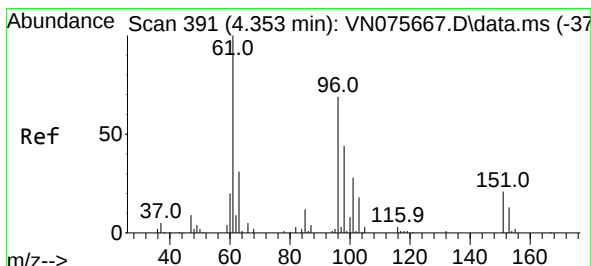
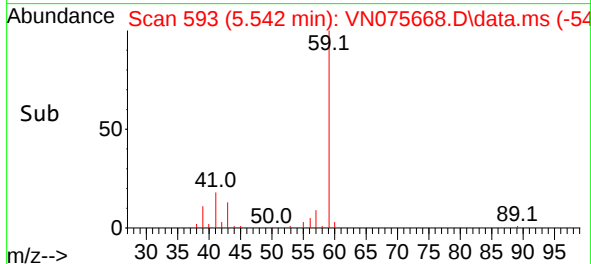
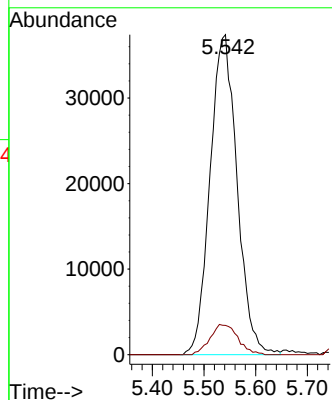
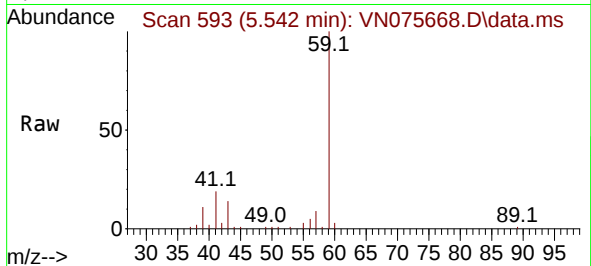
#11
Tert butyl alcohol
Concen: 272.127 ug/l
RT: 5.542 min Scan# 59
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 135894
Ion Ratio Lower Upper
59 100
57 9.7 8.5 12.7

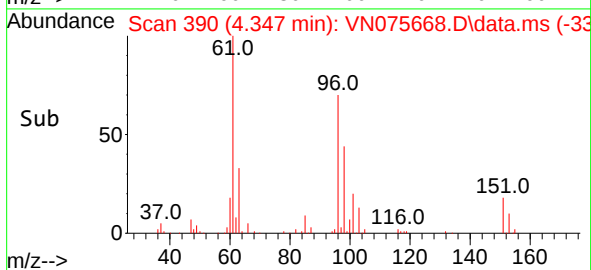
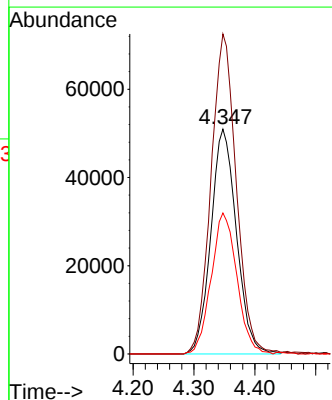
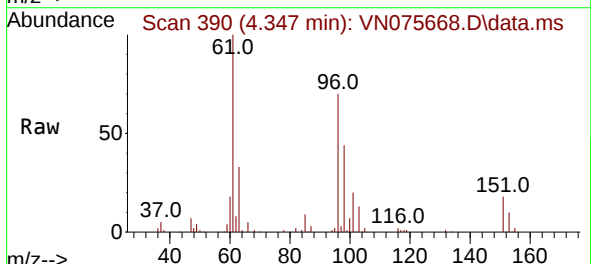
Manual Integrations
APPROVED

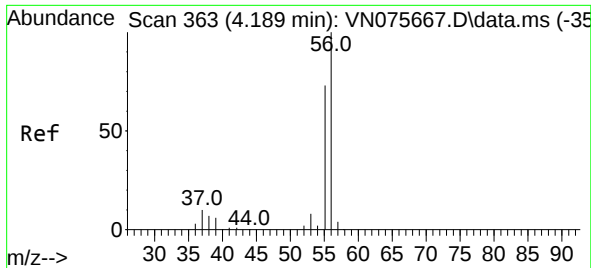
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#12
1,1-Dichloroethene
Concen: 72.403 ug/l
RT: 4.347 min Scan# 390
Delta R.T. 0.005 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

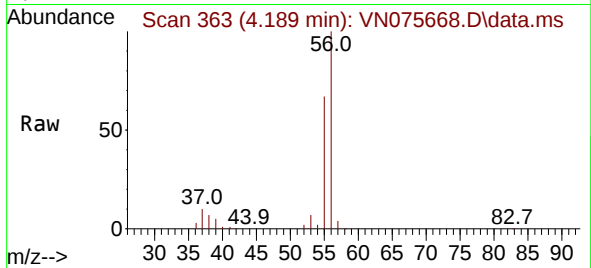
Tgt Ion: 96 Resp: 148590
Ion Ratio Lower Upper
96 100
61 142.3 126.2 189.4
98 62.7 51.5 77.3





#13
Acrolein
Concen: 357.815 ug/l
RT: 4.189 min Scan# 363
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

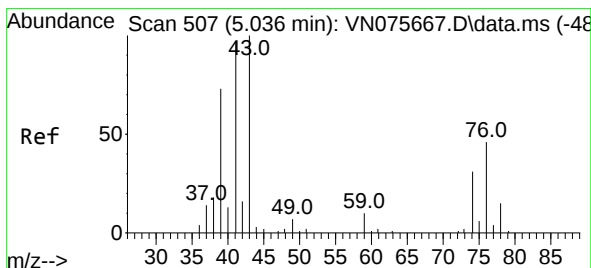
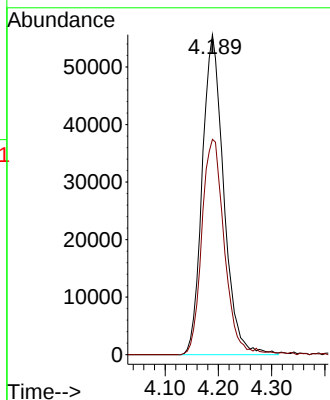
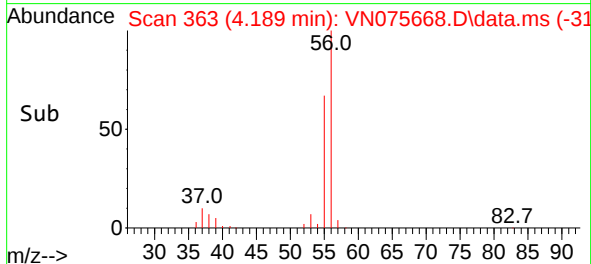
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



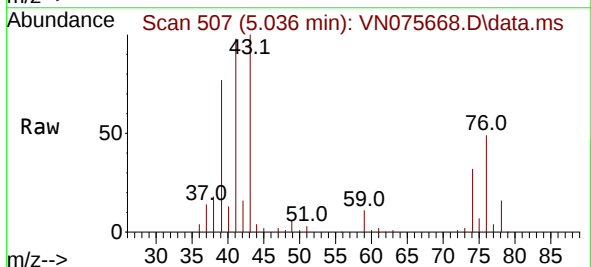
Tgt Ion: 56 Resp: 15566
Ion Ratio Lower Upper
56 100
55 70.8 55.2 82.8

Manual Integrations
APPROVED

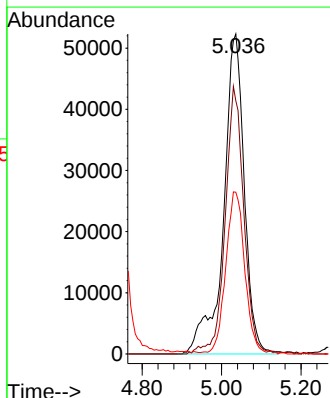
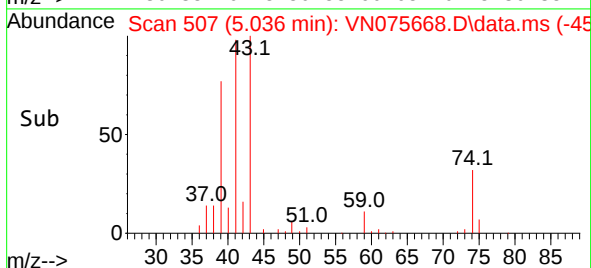
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

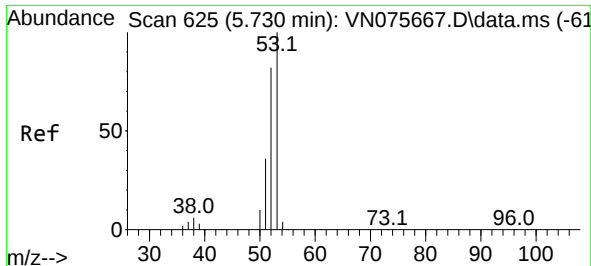


#14
Allyl chloride
Concen: 71.651 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



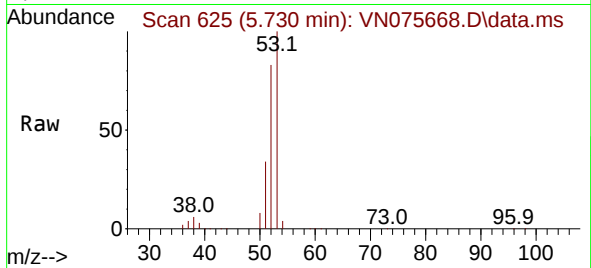
Tgt Ion: 41 Resp: 190204
Ion Ratio Lower Upper
41 100
39 75.0 61.0 91.4
76 46.5 33.4 50.0





#15
Acrylonitrile
Concen: 309.524 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

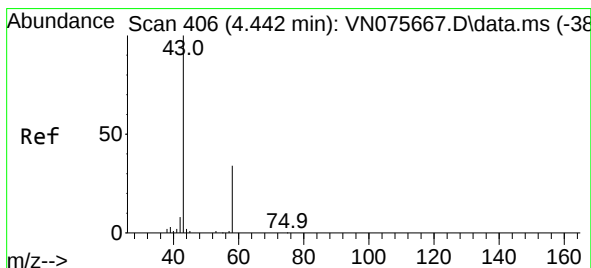
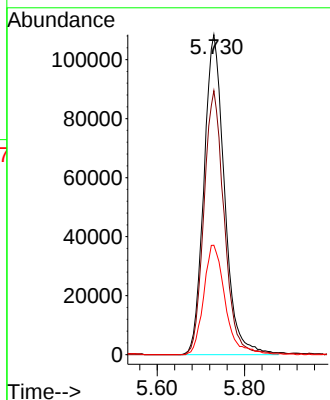
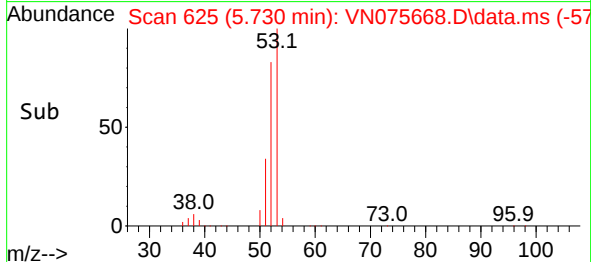
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



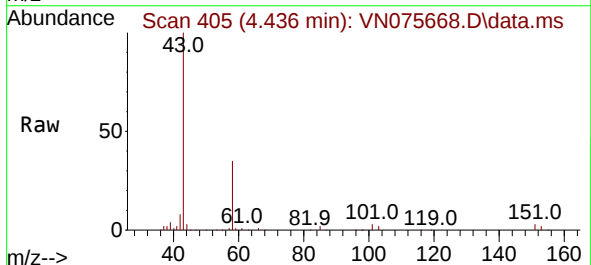
Tgt Ion: 53 Resp: 35462
Ion Ratio Lower Upper
53 100
52 81.5 66.4 99.6
51 35.9 29.6 44.4

Manual Integrations
APPROVED

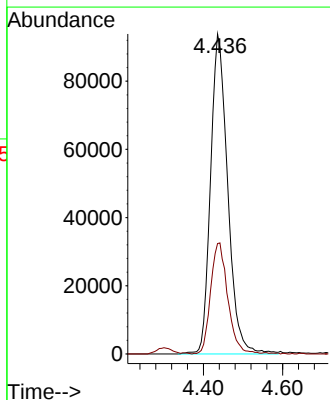
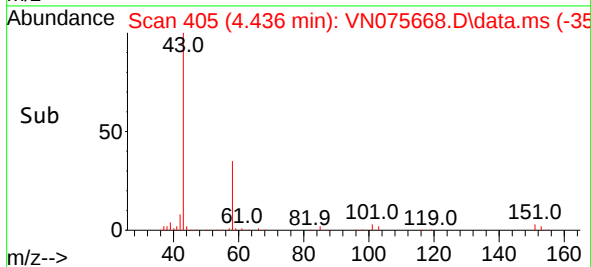
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

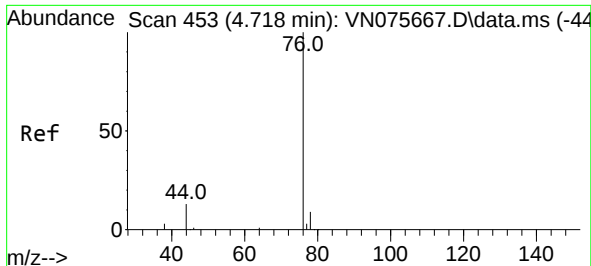


#16
Acetone
Concen: 254.427 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion: 43 Resp: 282311
Ion Ratio Lower Upper
43 100
58 34.2 25.5 38.3





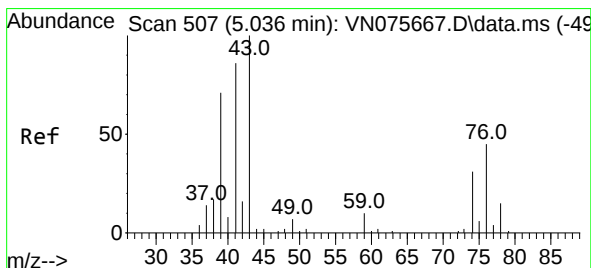
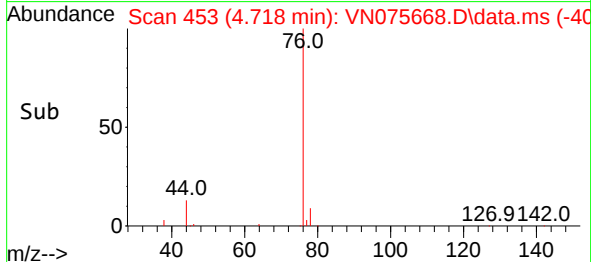
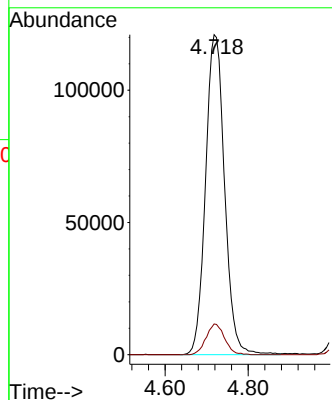
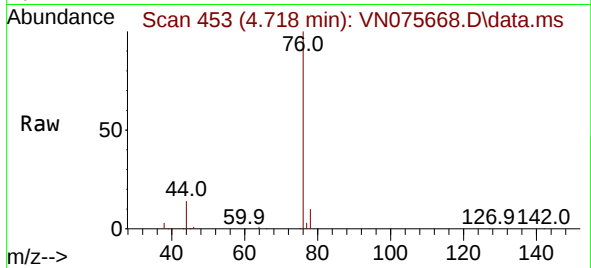
#17
Carbon Disulfide
Concen: 72.108 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 76 Resp: 384586
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

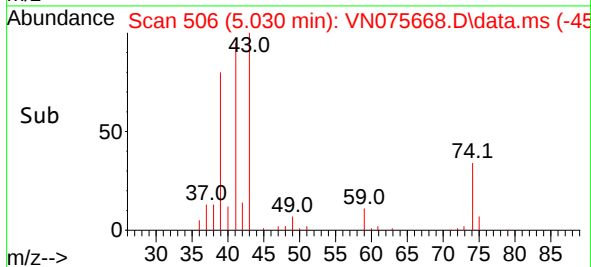
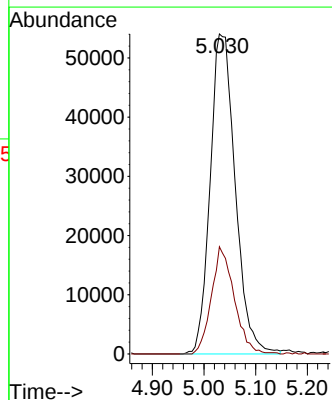
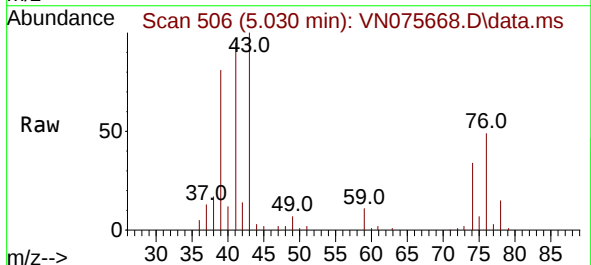
Manual Integrations
APPROVED

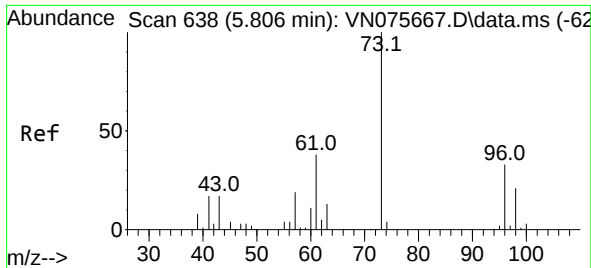
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#18
Methyl Acetate
Concen: 55.533 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 43 Resp: 182411
Ion Ratio Lower Upper
43 100
74 30.4 22.0 33.0





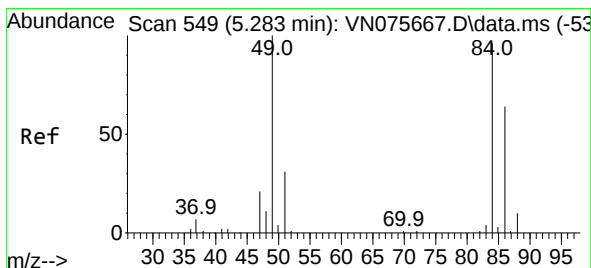
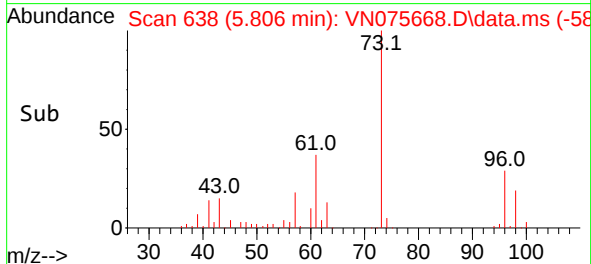
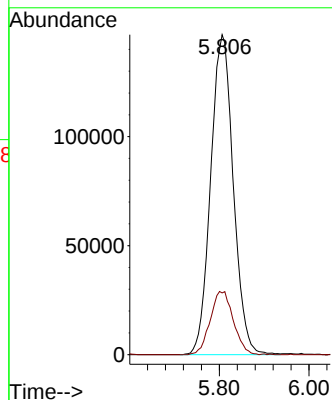
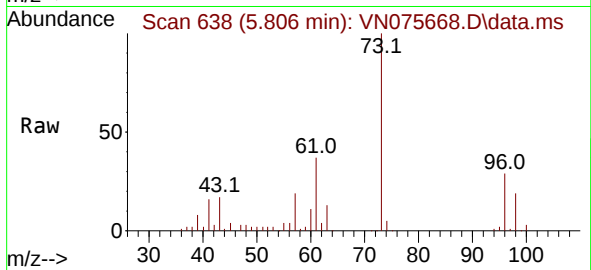
#19
Methyl tert-butyl Ether
Concen: 70.802 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 73 Resp: 514730
Ion Ratio Lower Upper
73 100
57 19.3 16.3 24.5

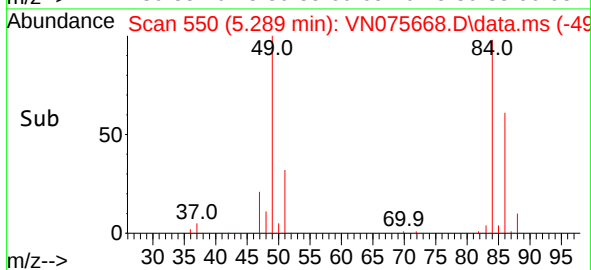
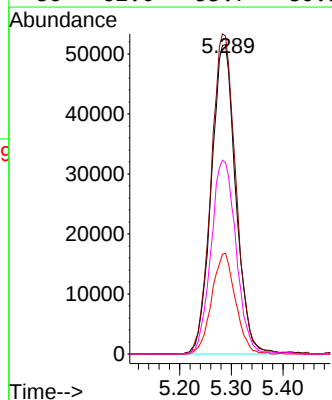
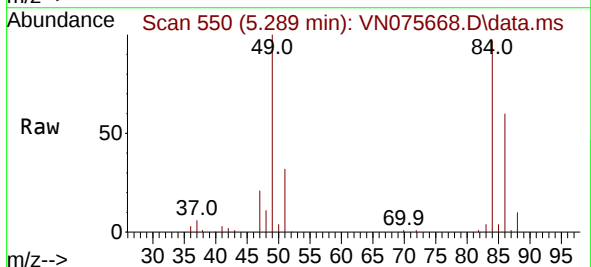
Manual Integrations
APPROVED

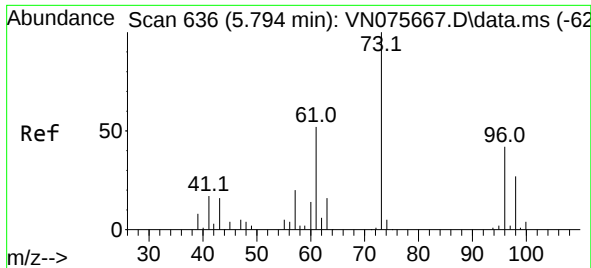
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#20
Methylene Chloride
Concen: 65.008 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

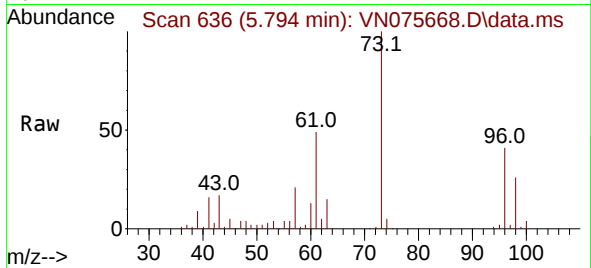
Tgt Ion: 84 Resp: 169006
Ion Ratio Lower Upper
84 100
49 102.8 94.9 142.3
51 32.6 26.8 40.2
86 62.0 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 70.193 ug/l
RT: 5.794 min Scan# 611
Delta R.T. -0.001 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

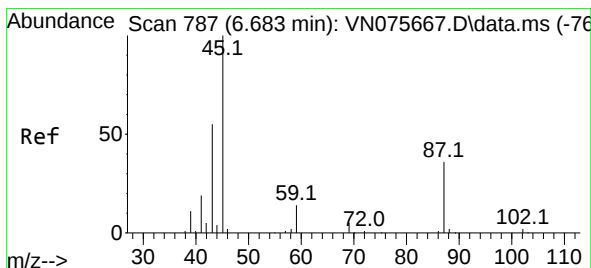
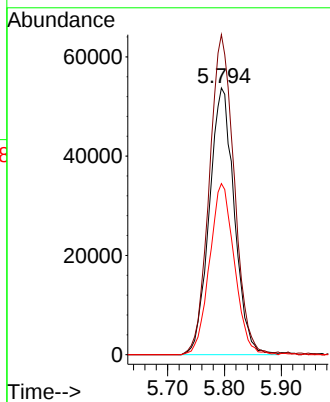
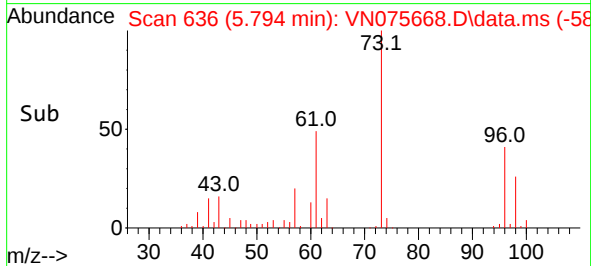
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



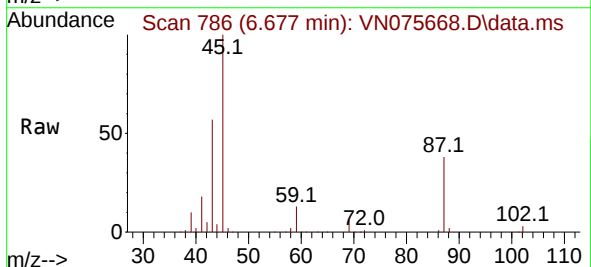
Tgt Ion: 96 Resp: 164170
Ion Ratio Lower Upper
96 100
61 120.0 99.9 149.9
98 64.1 51.5 77.3

Manual Integrations
APPROVED

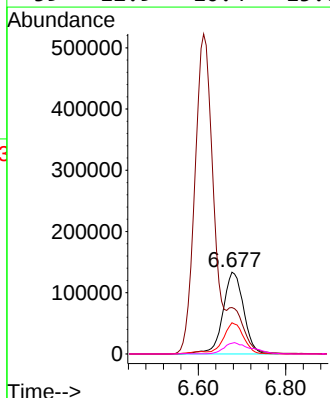
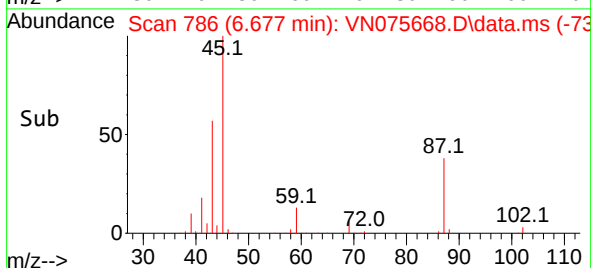
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

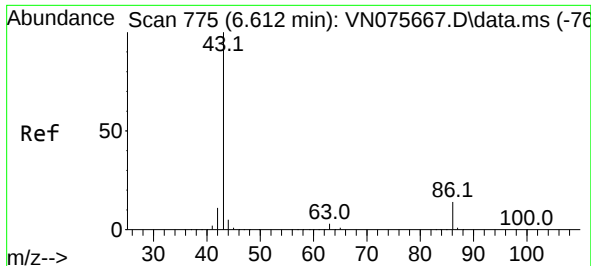


#22
Diisopropyl ether
Concen: 71.982 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



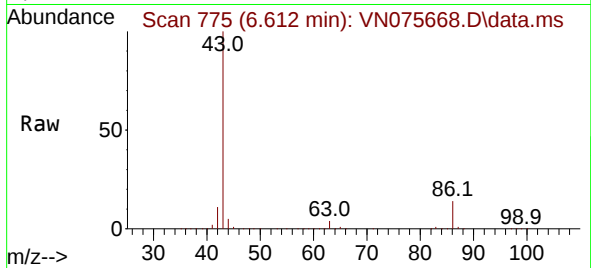
Tgt Ion: 45 Resp: 436055
Ion Ratio Lower Upper
45 100
43 55.6 42.8 64.2
87 38.0 28.4 42.6
59 12.9 10.4 15.6





#23
 Vinyl Acetate
 Concen: 355.259 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

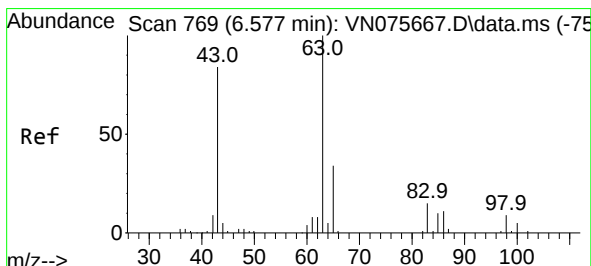
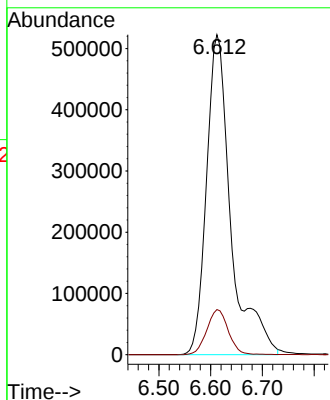
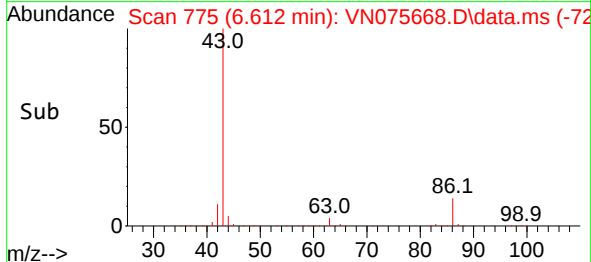
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



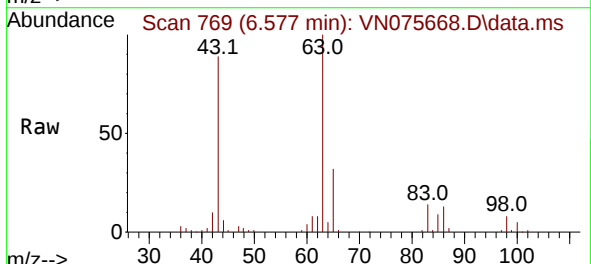
Tgt Ion: 43 Resp: 171213
 Ion Ratio Lower Upper
 43 100
 86 14.1 10.7 16.1

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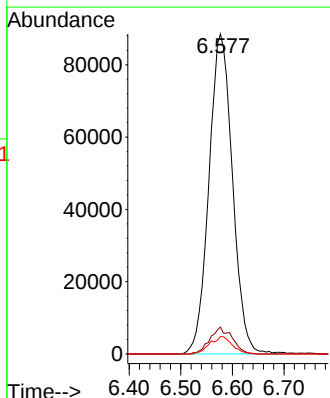
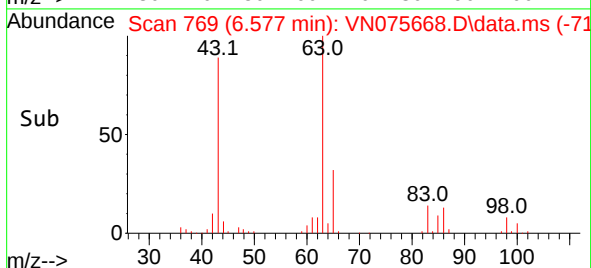
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

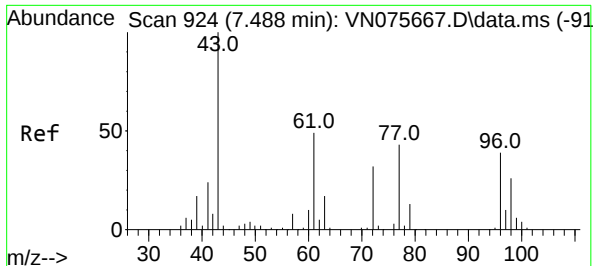


#24
 1,1-Dichloroethane
 Concen: 72.065 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33



Tgt Ion: 63 Resp: 280215
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.8
 100 5.5 2.4 7.2





#25

2-Butanone

Concen: 288.763 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.001 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 44733

Ion Ratio Lower Upper

43 100

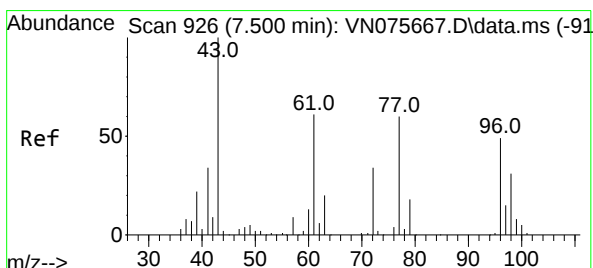
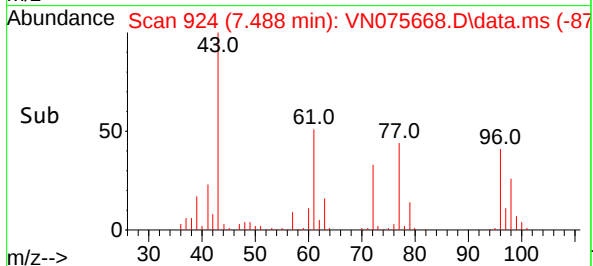
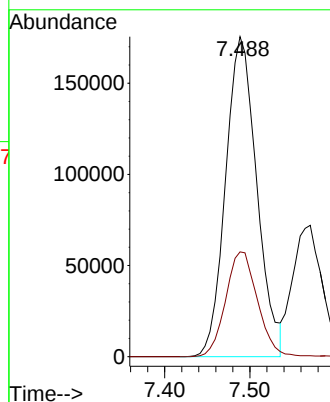
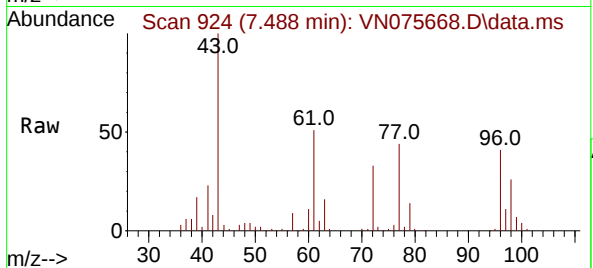
72 32.8 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#26

2,2-Dichloropropane

Concen: 66.397 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075668.D

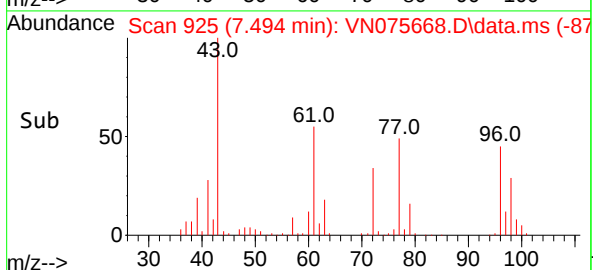
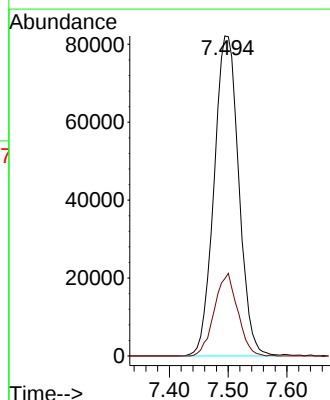
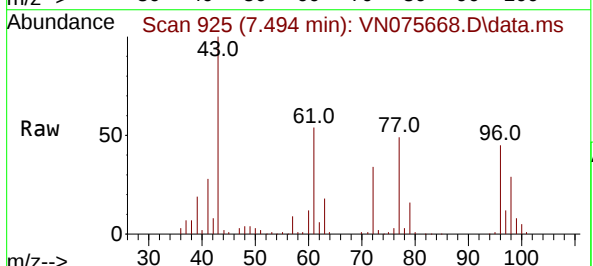
Acq: 09 Dec 2022 14:33

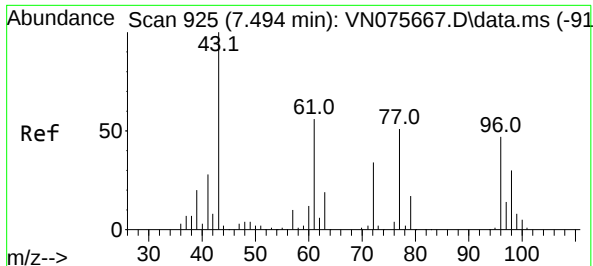
Tgt Ion: 77 Resp: 239943

Ion Ratio Lower Upper

77 100

97 24.3 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 73.816 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 96 Resp: 195210

Ion Ratio Lower Upper

96 100

61 126.6 0.0 278.8

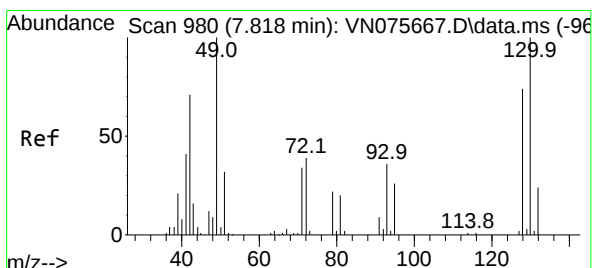
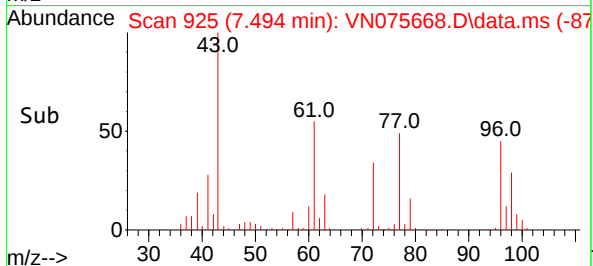
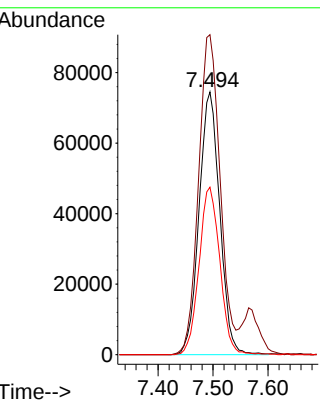
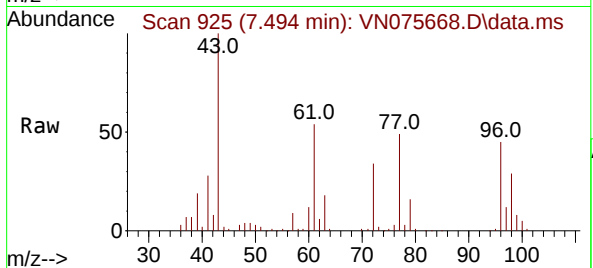
98 64.0 0.0 128.4

Manual Integrations

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#28

Bromochloromethane

Concen: 73.377 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

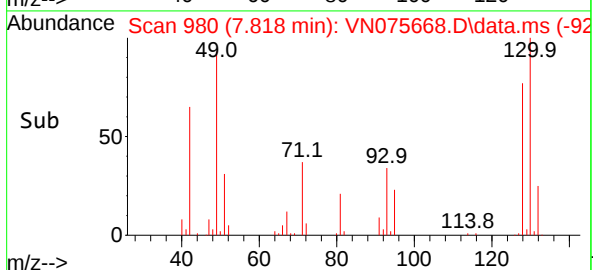
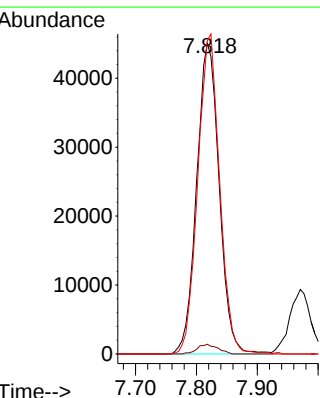
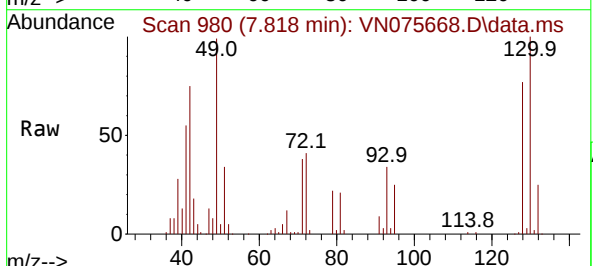
Tgt Ion: 49 Resp: 115814

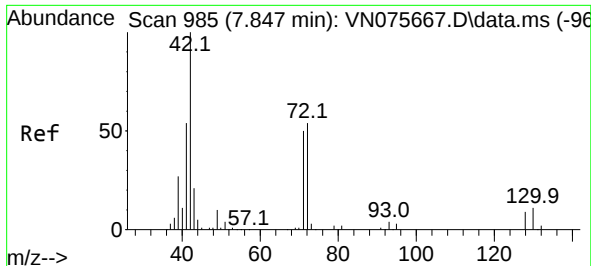
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 99.5 66.2 99.4#





#29

Tetrahydrofuran

Concen: 311.240 ug/l

RT: 7.841 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 29327

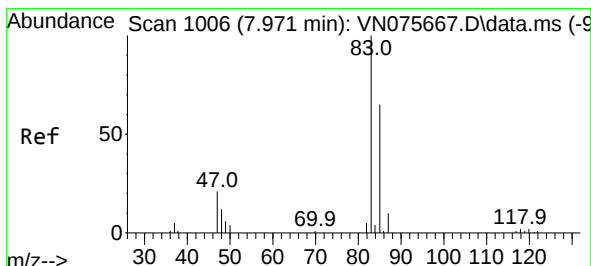
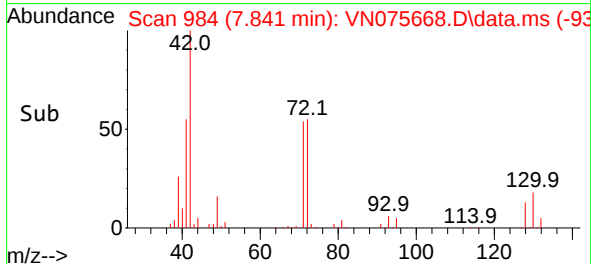
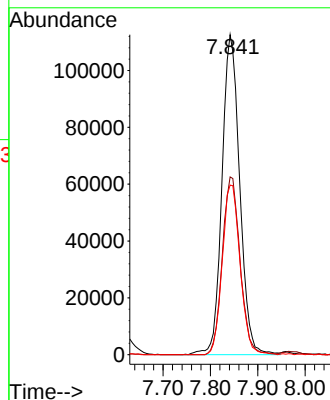
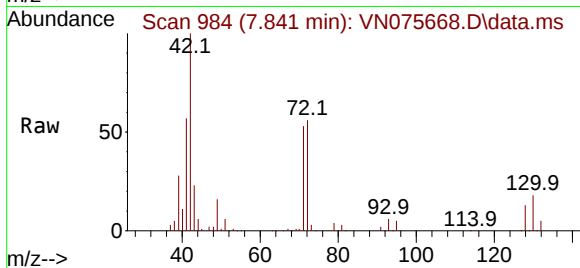
Ion	Ratio	Lower	Upper
42	100		
72	55.6	43.0	64.6
71	53.2	39.9	59.9

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#30

Chloroform

Concen: 69.667 ug/l

RT: 7.971 min Scan# 1006

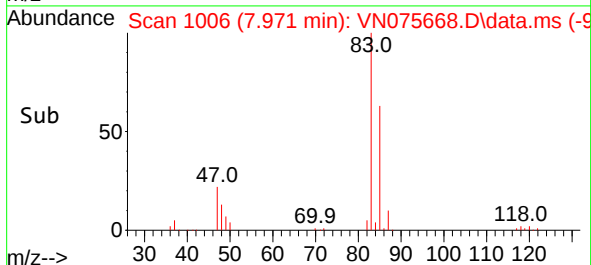
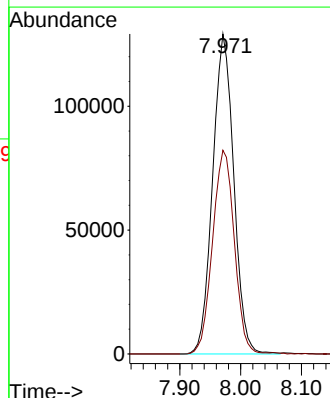
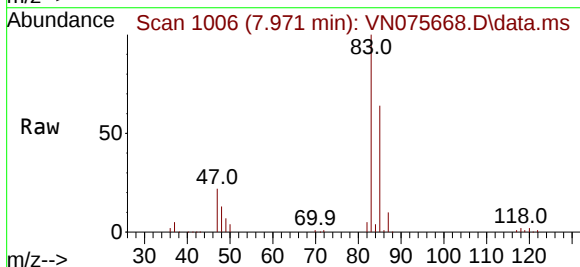
Delta R.T. -0.000 min

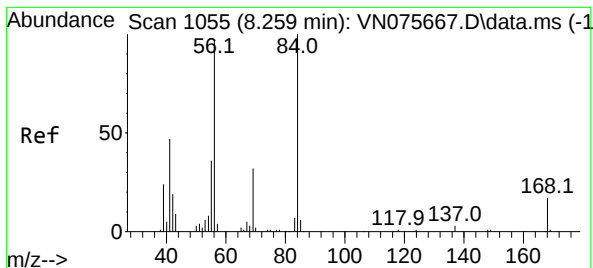
Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Tgt Ion: 83 Resp: 311081

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.4	77.0





#31

Cyclohexane

Concen: 65.360 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 56 Resp: 247020

Ion Ratio Lower Upper

56 100

69 34.2 25.2 37.8

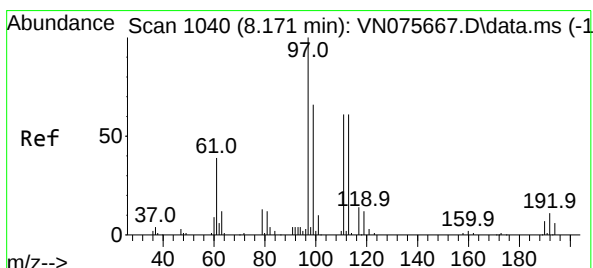
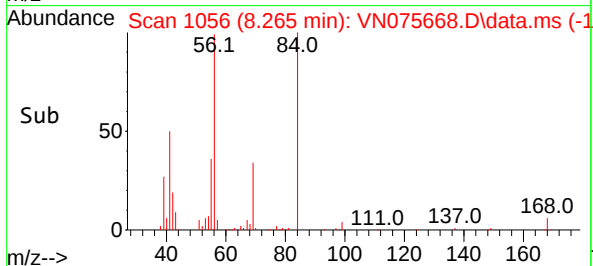
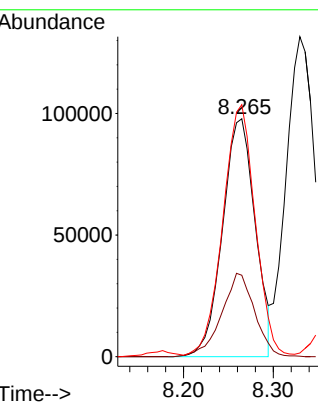
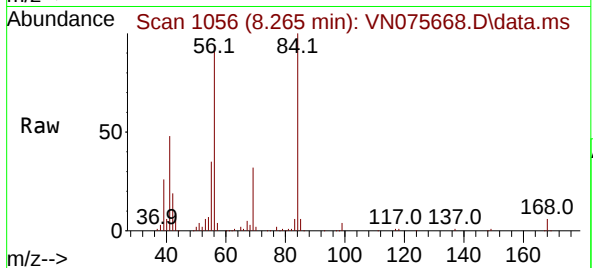
84 104.2 77.8 116.8

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#32

1,1,1-Trichloroethane

Concen: 72.281 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

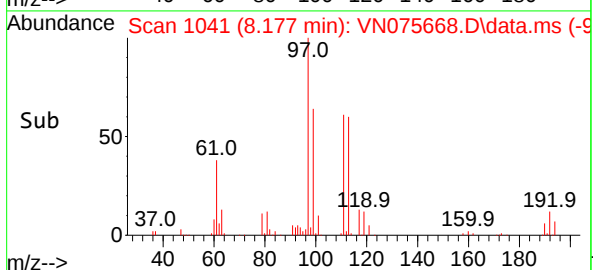
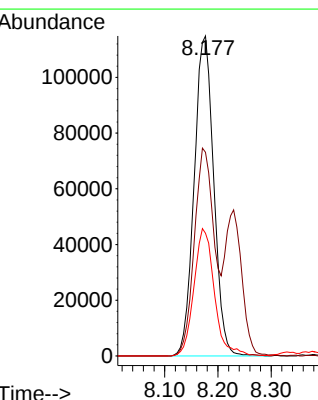
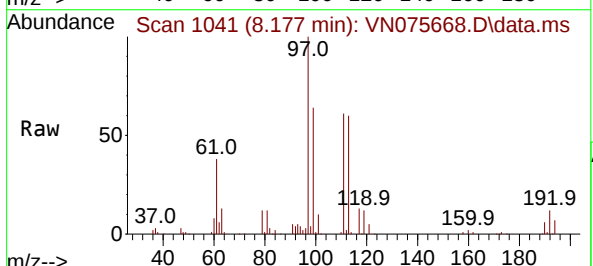
Tgt Ion: 97 Resp: 293056

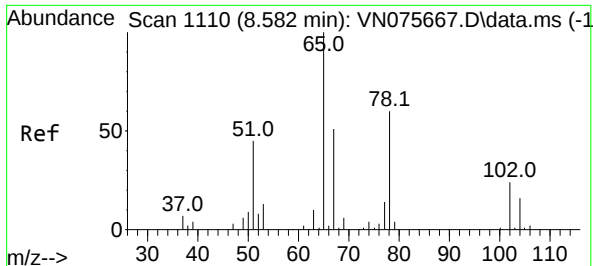
Ion Ratio Lower Upper

97 100

99 66.8 50.2 75.2

61 41.6 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 154.003 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 183200

Ion Ratio Lower Upper

65 100

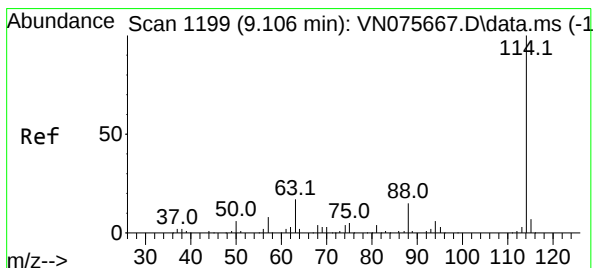
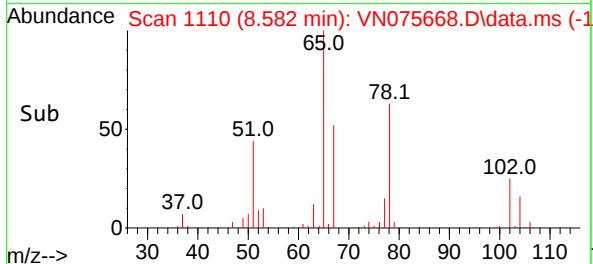
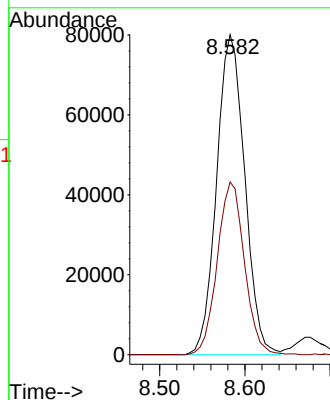
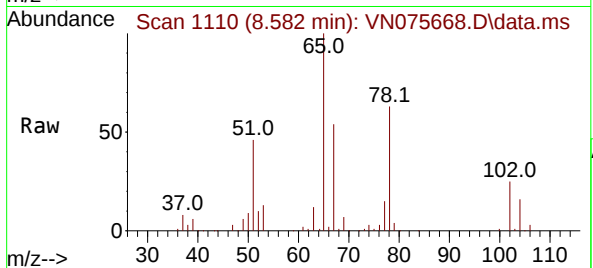
67 52.2 0.0 102.0

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

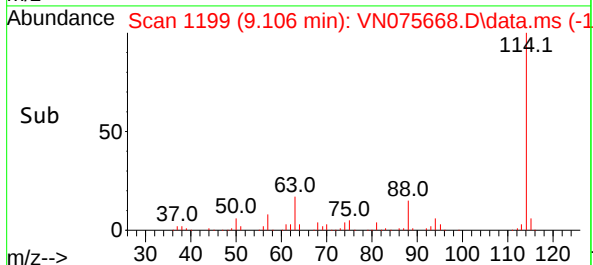
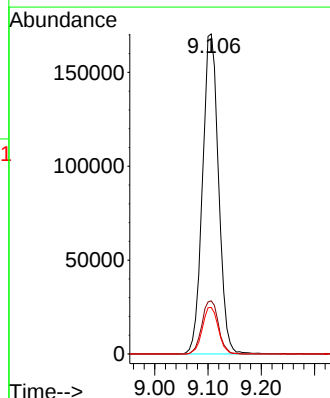
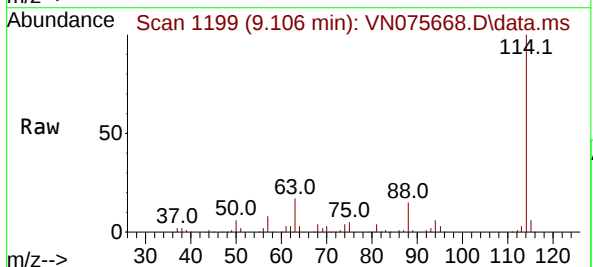
Tgt Ion:114 Resp: 356208

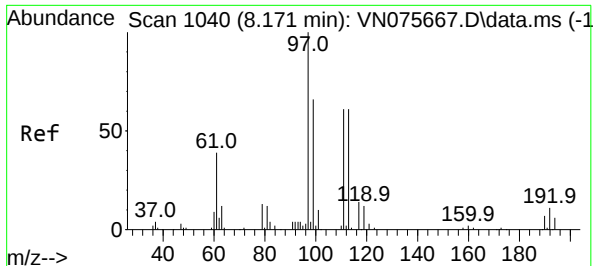
Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 14.6 0.0 29.0





#35

Dibromofluoromethane

Concen: 119.932 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:113 Resp: 16782

Ion Ratio Lower Upper

113 100

111 104.6 80.5 120.7

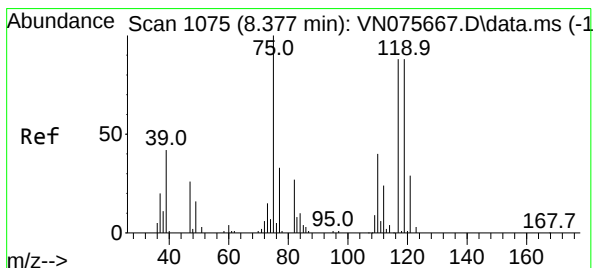
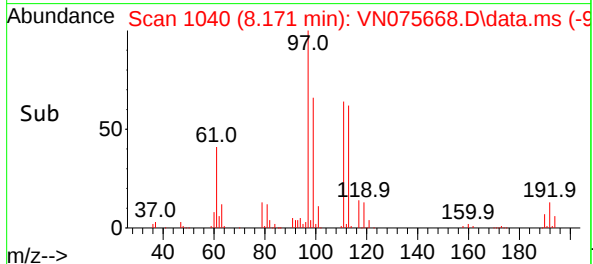
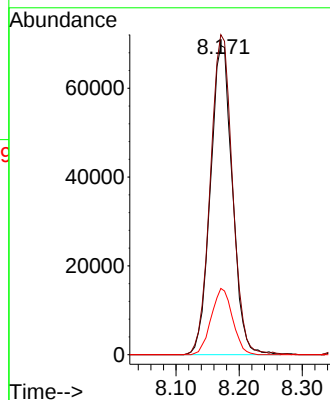
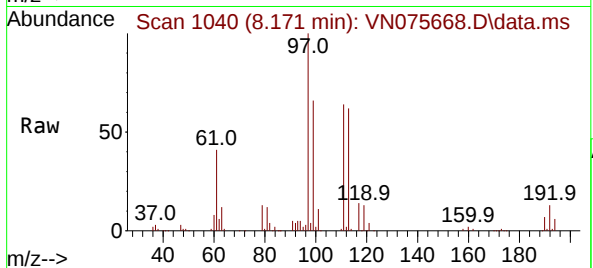
192 20.8 13.2 19.8

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#36

1,1-Dichloropropene

Concen: 75.740 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

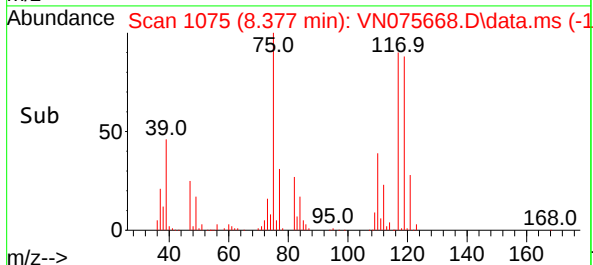
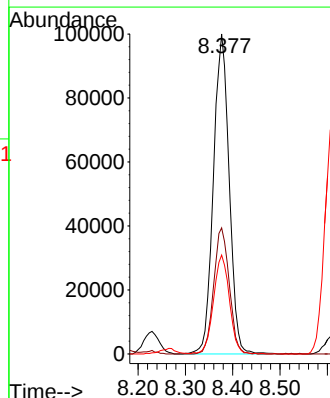
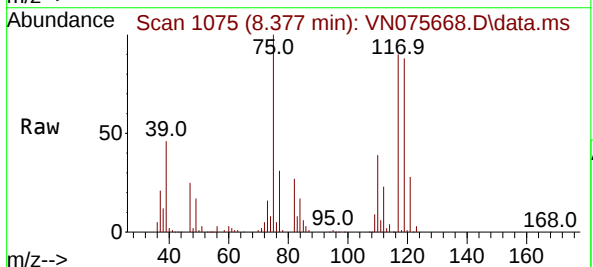
Tgt Ion: 75 Resp: 231126

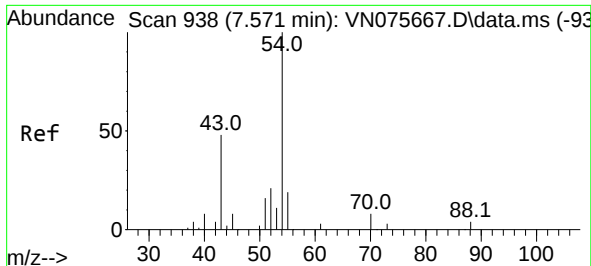
Ion Ratio Lower Upper

75 100

110 38.8 17.8 53.3

77 31.1 24.6 37.0





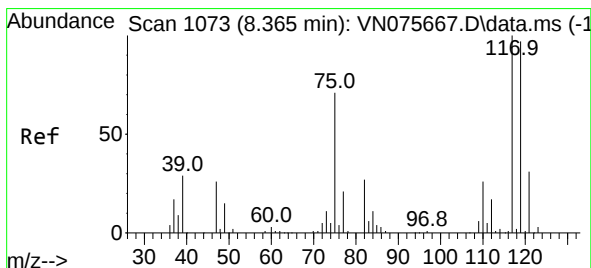
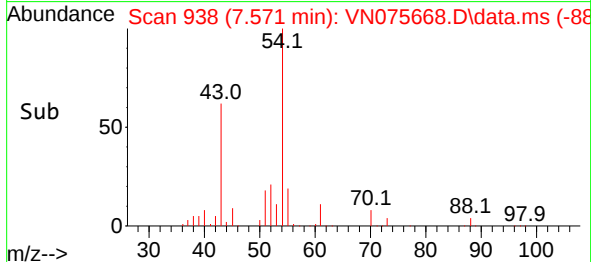
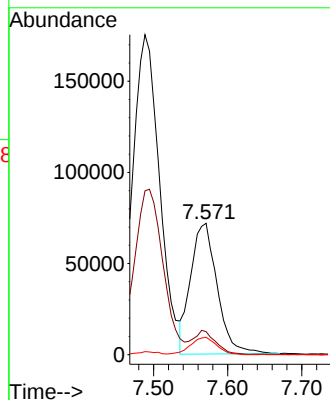
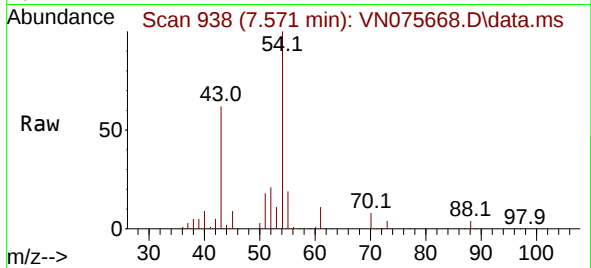
#37
Ethyl Acetate
Concen: 64.965 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 17850
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.4
70 13.1 9.4 14.2

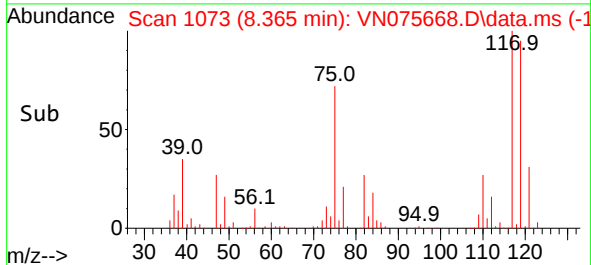
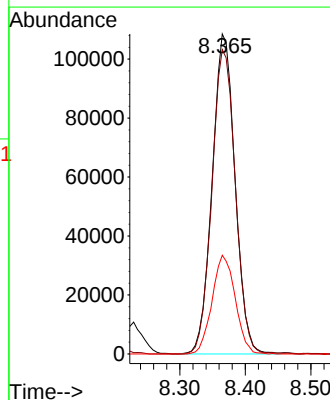
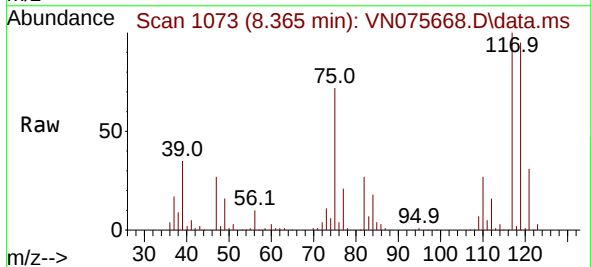
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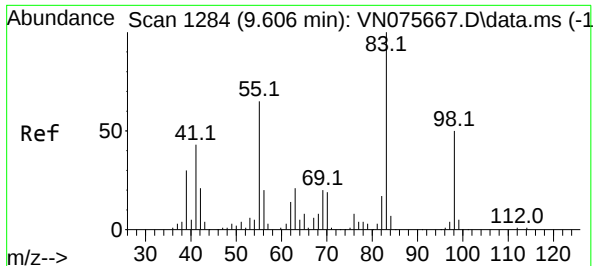
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#38
Carbon Tetrachloride
Concen: 78.401 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:117 Resp: 262813
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1
121 30.9 23.9 35.9





#39

Methylcyclohexane

Concen: 79.245 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 83 Resp: 302648

Ion Ratio Lower Upper

83 100

55 61.0 53.6 80.4

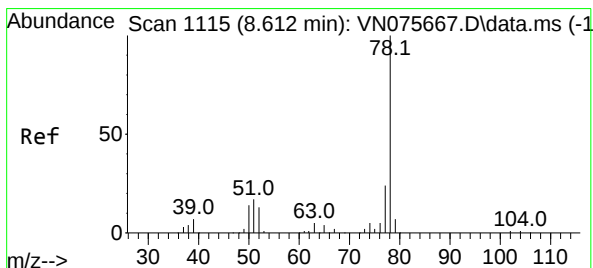
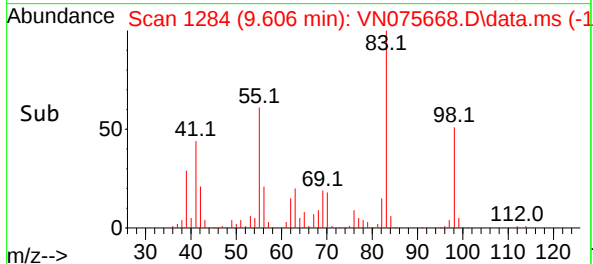
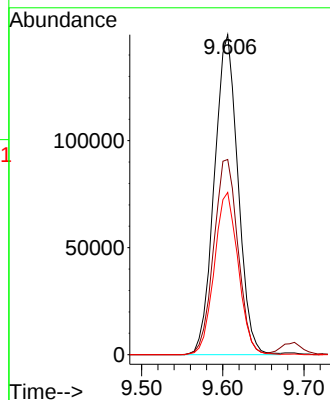
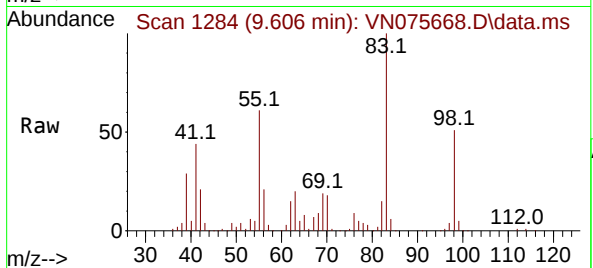
98 50.7 41.1 61.7

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Supervised By :Mahesh Dadoda 12/12/2022



#40

Benzene

Concen: 73.798 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075668.D

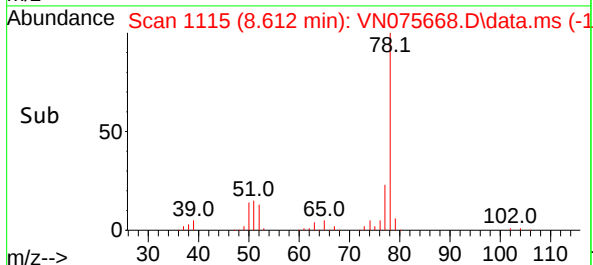
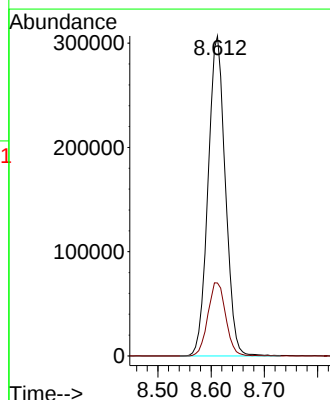
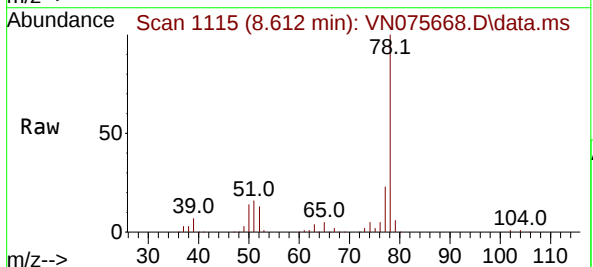
Acq: 09 Dec 2022 14:33

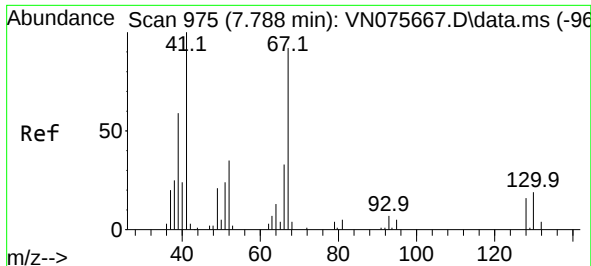
Tgt Ion: 78 Resp: 689495

Ion Ratio Lower Upper

78 100

77 22.8 19.4 29.0





#41
Methacrylonitrile
Concen: 71.538 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.005 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

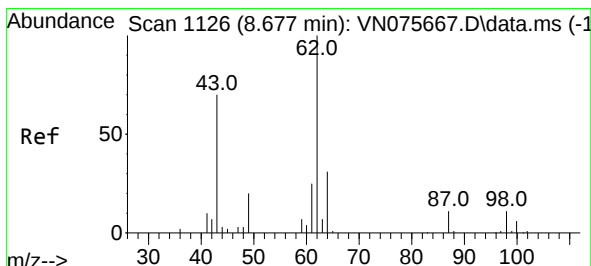
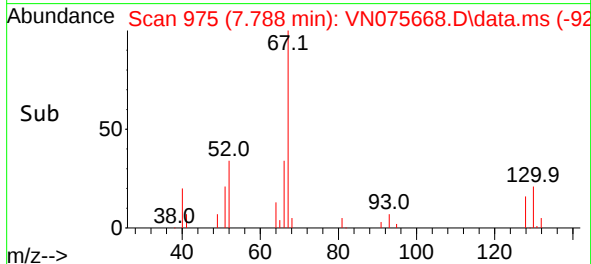
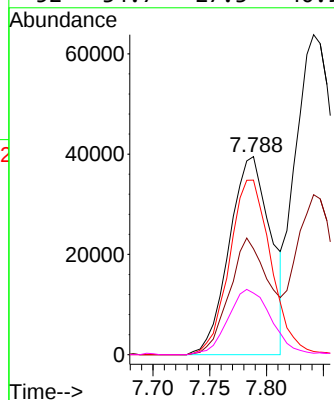
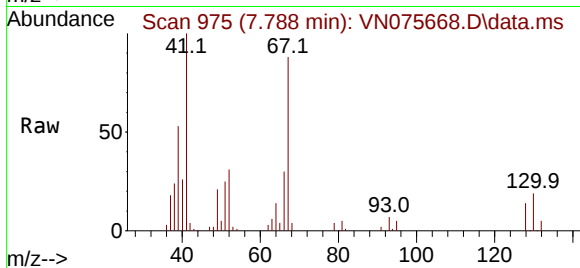
ClientSampleId :

VSTDICC075

Tgt Ion: 41 Resp: 10049
Ion Ratio Lower Upper
41 100
39 56.6 44.4 66.6
67 88.6 69.8 104.6
52 34.7 27.3 40.9

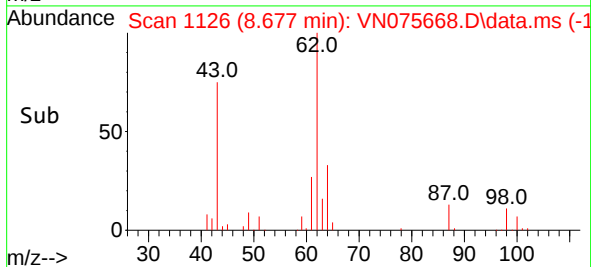
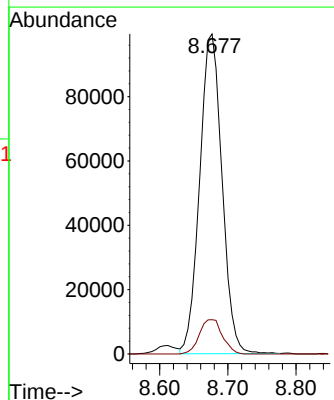
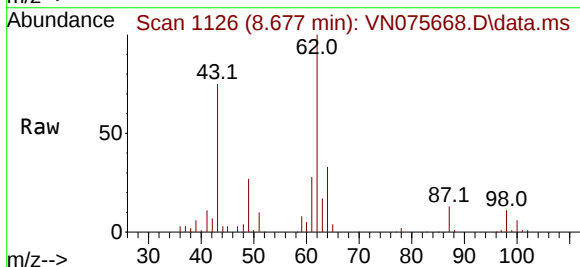
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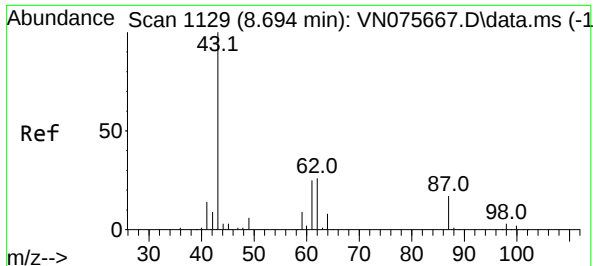
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#42
1,2-Dichloroethane
Concen: 72.311 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

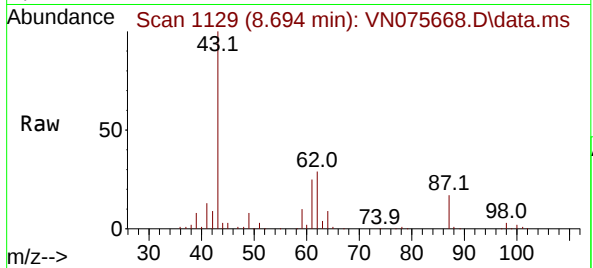
Tgt Ion: 62 Resp: 226265
Ion Ratio Lower Upper
62 100
98 11.1 0.0 18.2





#43
Isopropyl Acetate
Concen: 71.463 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

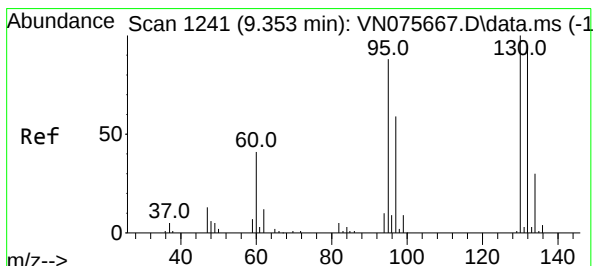
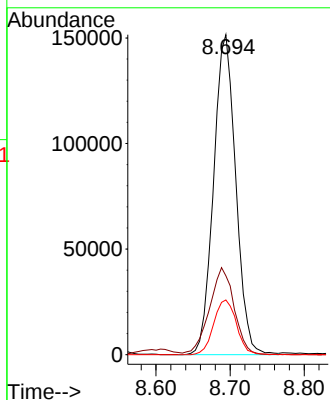
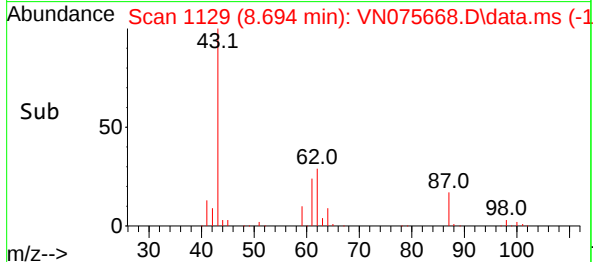
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



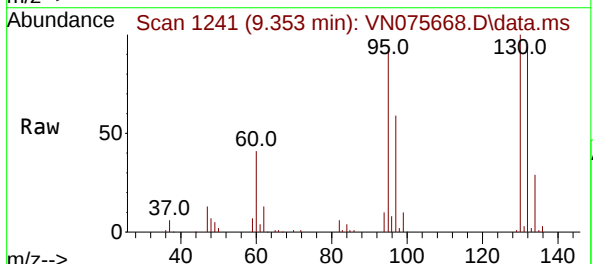
Tgt Ion: 43 Resp: 315180
Ion Ratio Lower Upper
43 100
61 30.4 22.4 33.6
87 17.5 12.5 18.7

Manual Integrations
APPROVED

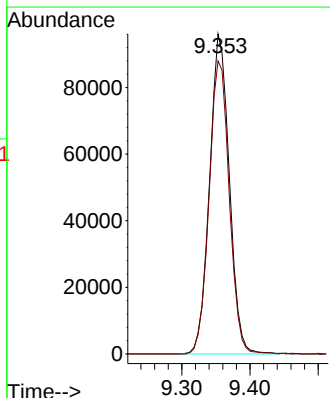
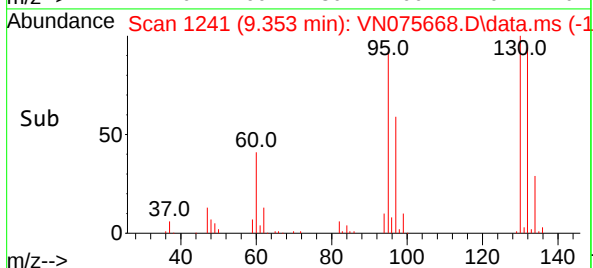
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

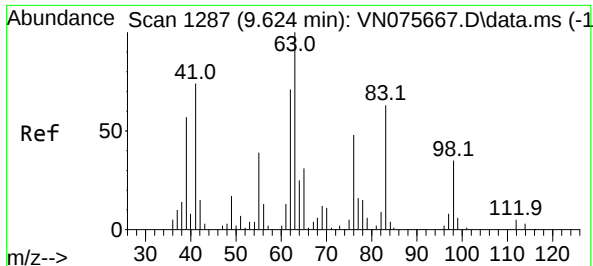


#44
Trichloroethene
Concen: 75.764 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion:130 Resp: 193687
Ion Ratio Lower Upper
130 100
95 91.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 74.201 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 16520

Ion Ratio Lower Upper

63 100

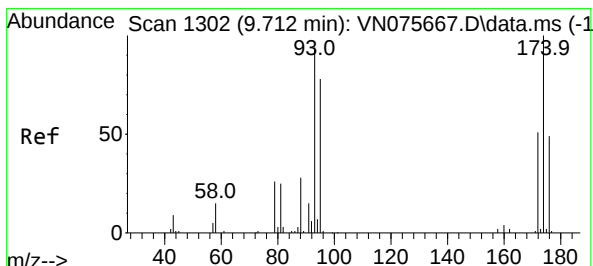
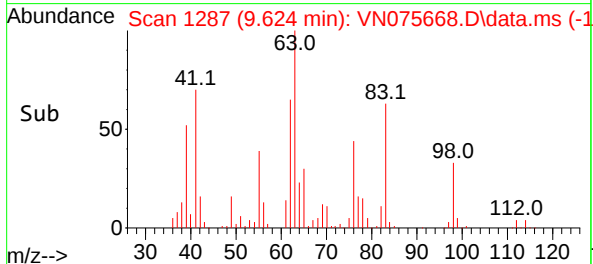
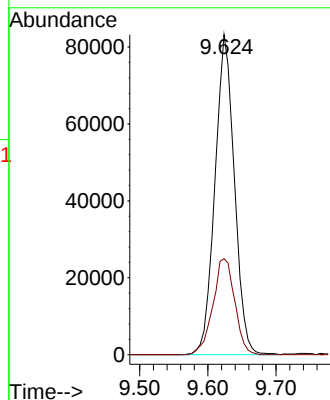
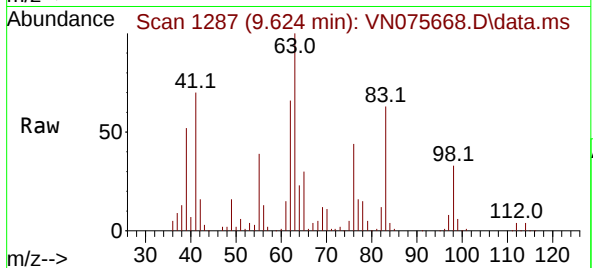
65 30.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#46

Dibromomethane

Concen: 75.541 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

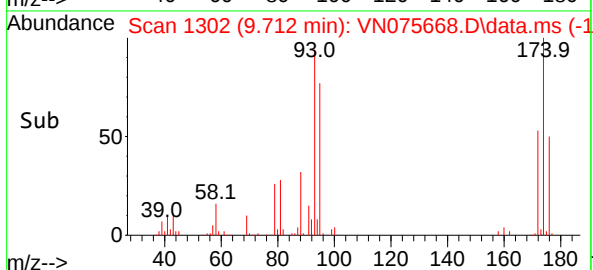
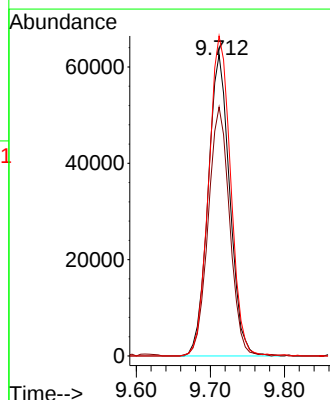
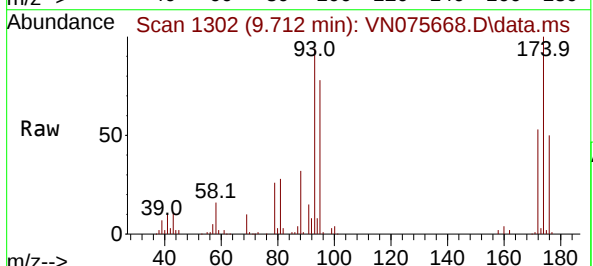
Tgt Ion: 93 Resp: 127215

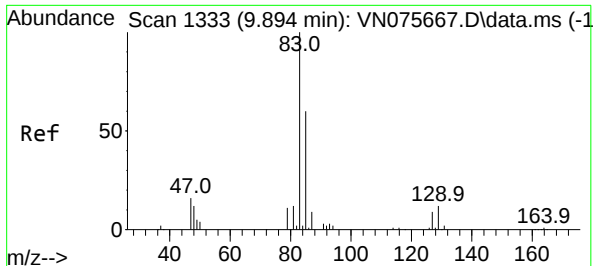
Ion Ratio Lower Upper

93 100

95 81.7 66.6 99.8

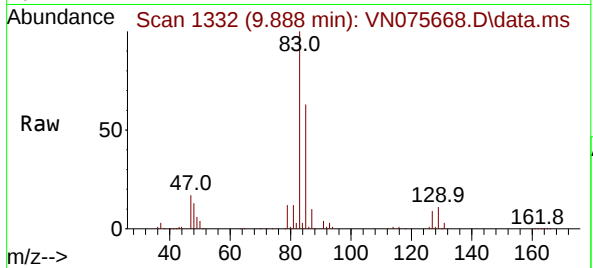
174 107.8 70.3 105.5





#47
Bromodichloromethane
Concen: 76.904 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

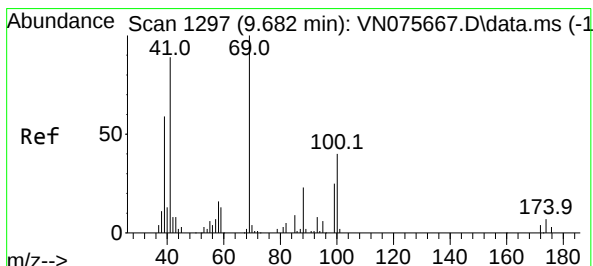
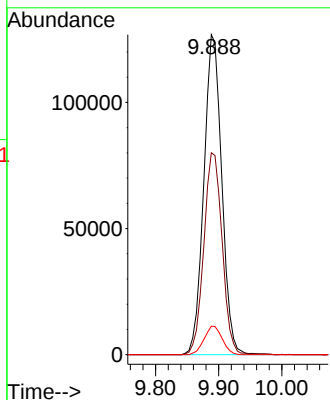
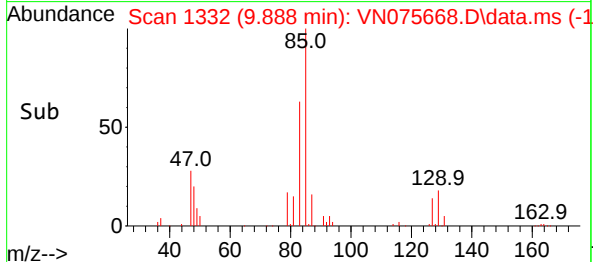
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 83 Resp: 250804
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 8.9 6.6 10.0

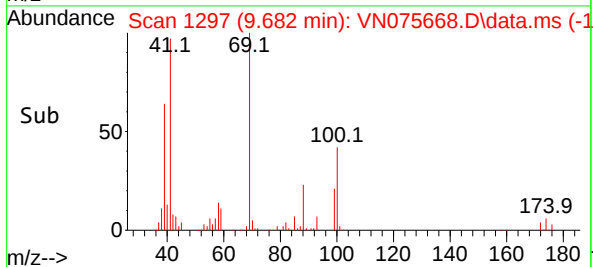
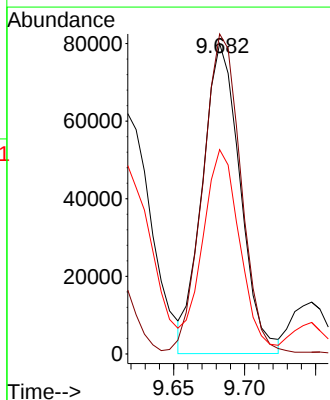
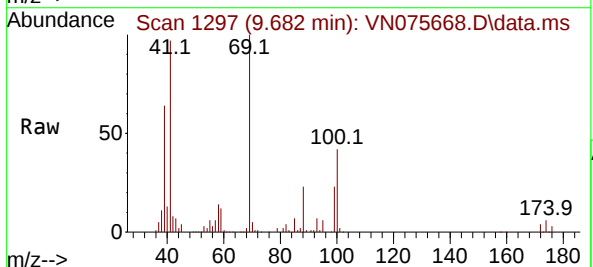
Manual Integrations
APPROVED

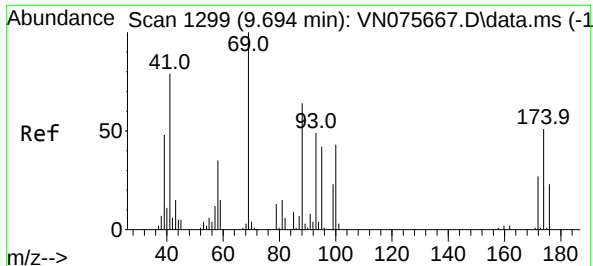
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#48
Methyl methacrylate
Concen: 72.570 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.001 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 41 Resp: 147996
Ion Ratio Lower Upper
41 100
69 104.6 80.2 120.2
39 65.6 56.2 84.2





#49

1,4-Dioxane

Concen: 1258.176 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 88 Resp: 7285

Ion Ratio Lower Upper

88 100

43 25.6 17.5 26.3

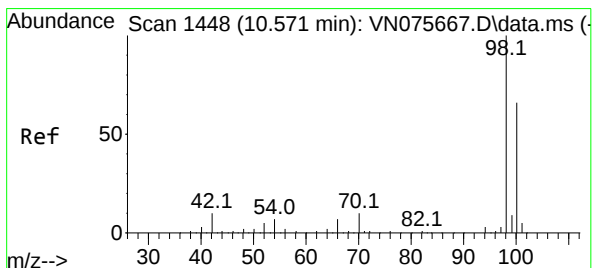
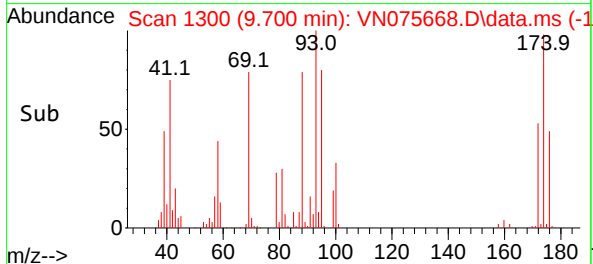
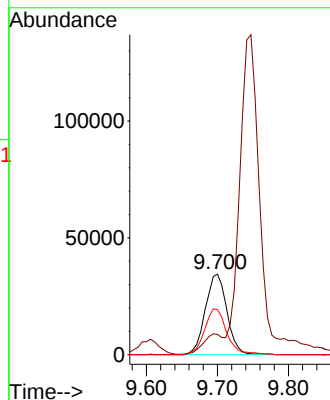
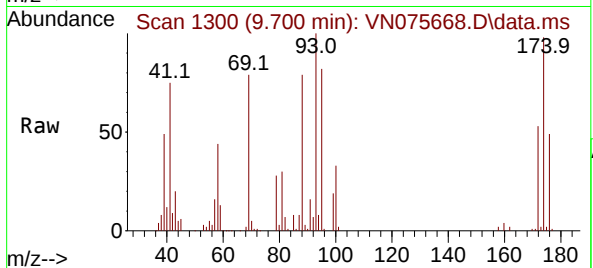
58 58.6 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#50

Toluene-d8

Concen: 209.091 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075668.D

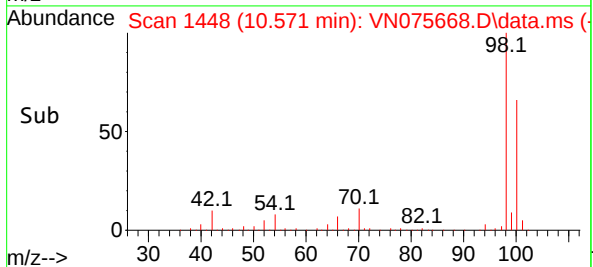
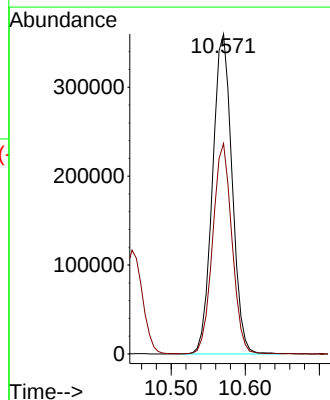
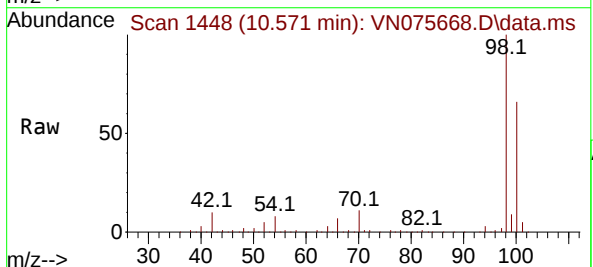
Acq: 09 Dec 2022 14:33

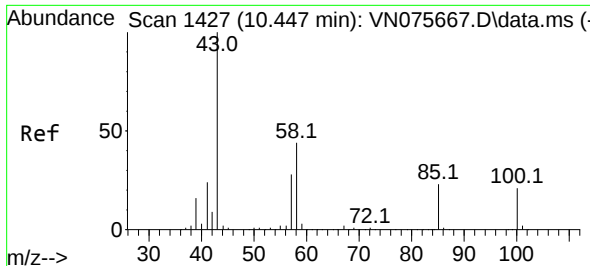
Tgt Ion: 98 Resp: 658974

Ion Ratio Lower Upper

98 100

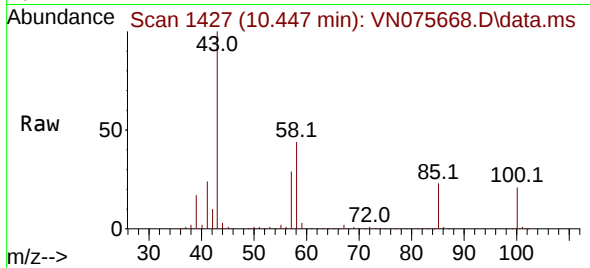
100 64.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 344.278 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

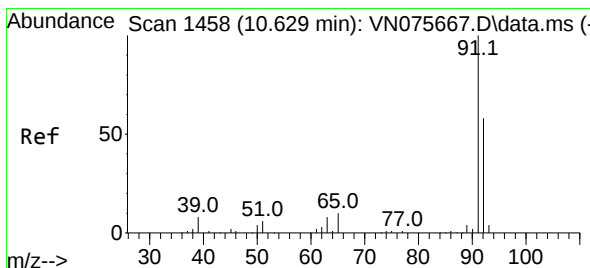
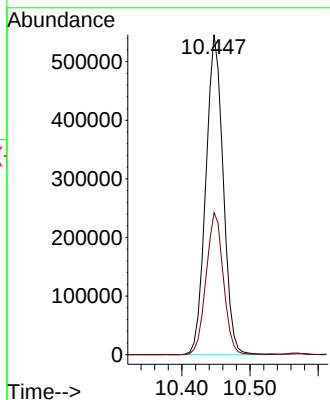
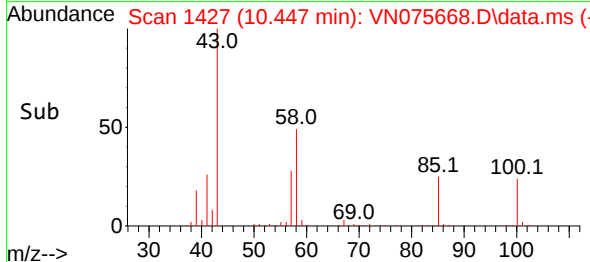
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 967100
Ion Ratio Lower Upper
43 100
58 44.2 33.6 50.4

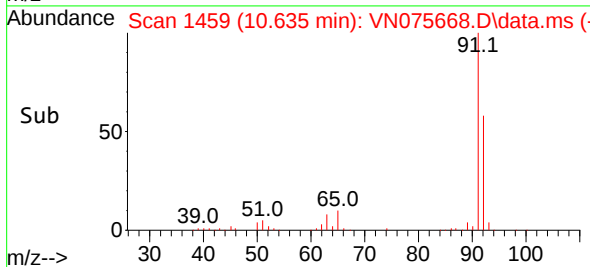
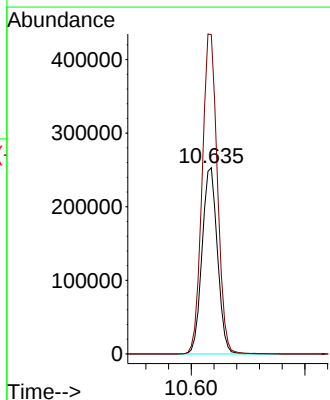
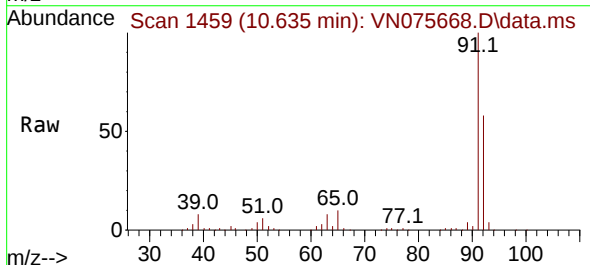
Manual Integrations
APPROVED

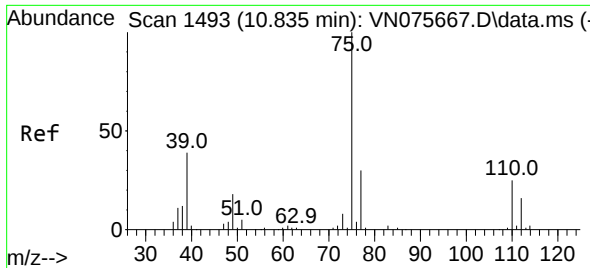
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#52
Toluene
Concen: 78.746 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 92 Resp: 474106
Ion Ratio Lower Upper
92 100
91 170.9 135.4 203.2





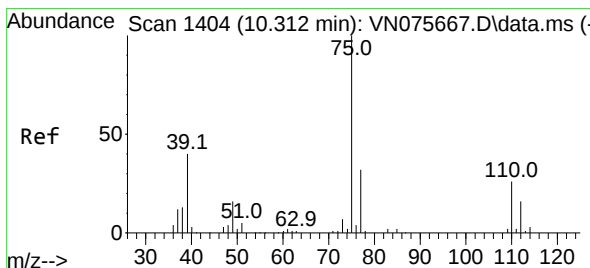
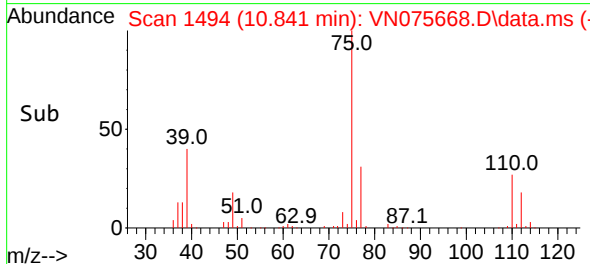
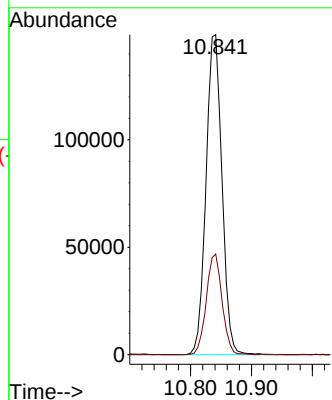
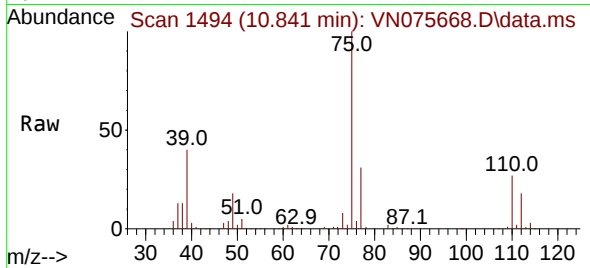
#53
 t-1,3-Dichloropropene
 Concen: 82.648 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Tgt Ion: 75 Resp: 27059
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.2

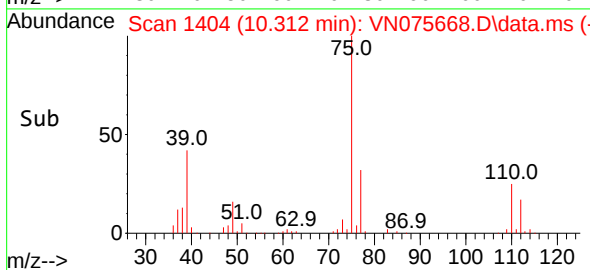
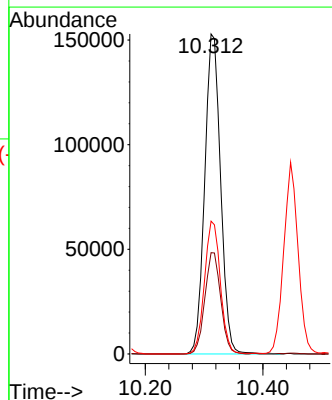
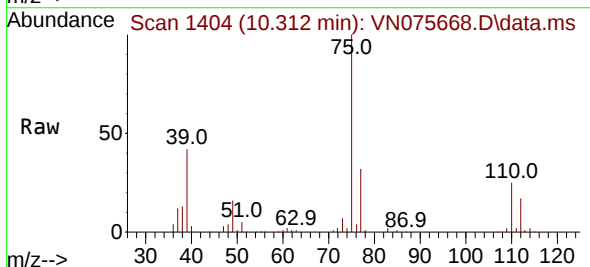
Manual Integrations
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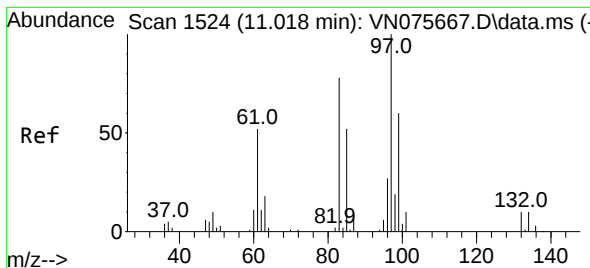
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022



#54
 cis-1,3-Dichloropropene
 Concen: 80.657 ug/l
 RT: 10.312 min Scan# 1404
 Delta R.T. -0.000 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

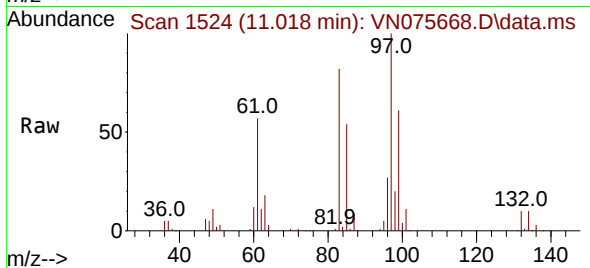
Tgt Ion: 75 Resp: 286809
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.7 35.5
 39 41.5 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 74.263 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

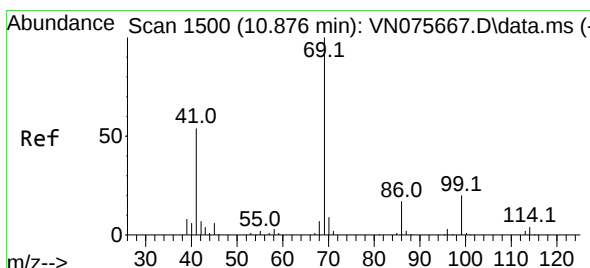
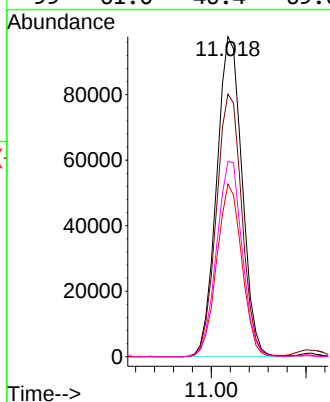
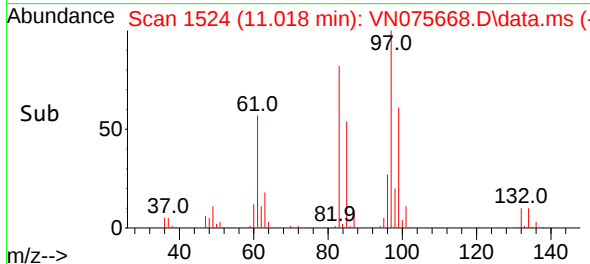


Tgt Ion: 97 Resp: 18210

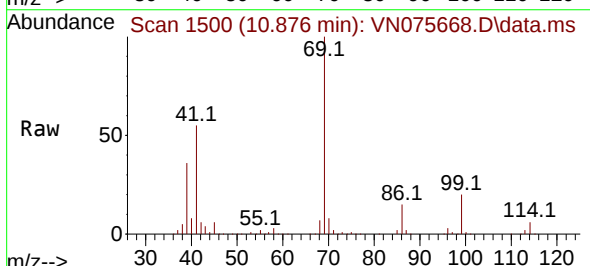
Ion	Ratio	Lower	Upper
97	100		
83	82.1	65.9	98.9
85	53.9	40.4	60.6
99	61.0	46.4	69.6

Manual Integrations
APPROVED

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

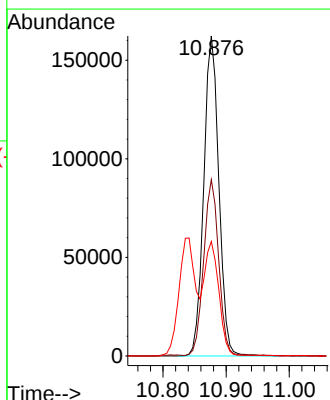
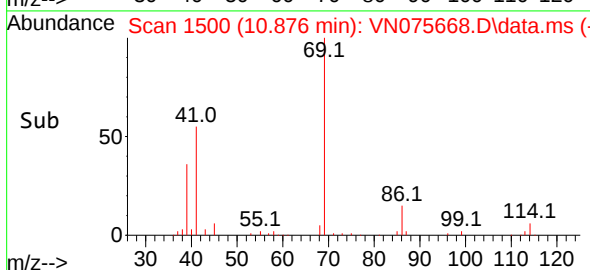


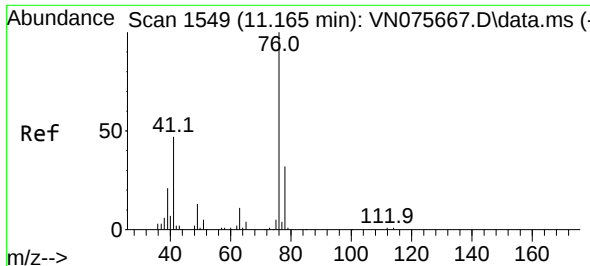
#56
Ethyl methacrylate
Concen: 81.417 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.001 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion: 69 Resp: 269621

Ion	Ratio	Lower	Upper
69	100		
41	54.5	45.6	68.4
39	34.1	28.5	42.7





#57

1,3-Dichloropropane

Concen: 74.639 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 298434

Ion Ratio Lower Upper

76 100

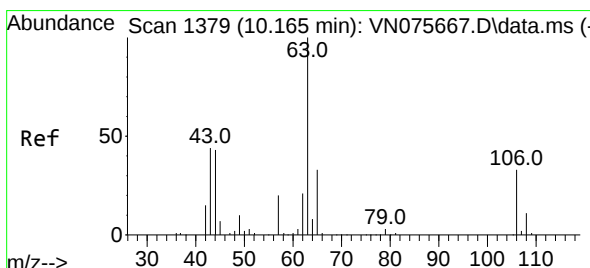
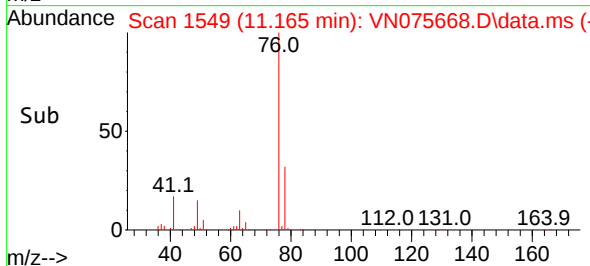
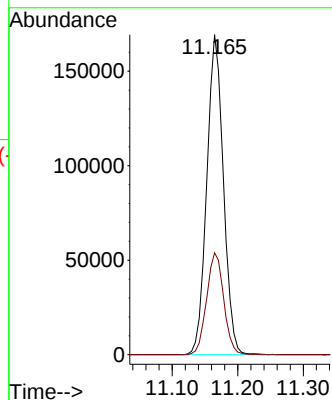
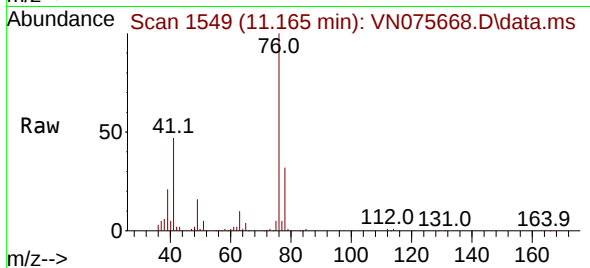
78 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 343.915 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.006 min

Lab File: VN075668.D

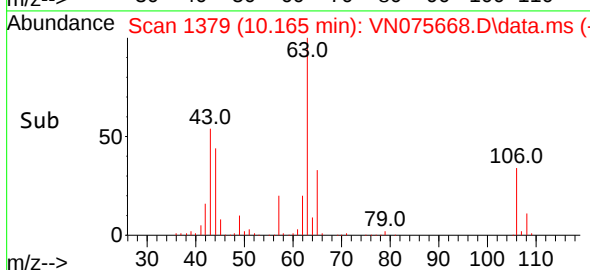
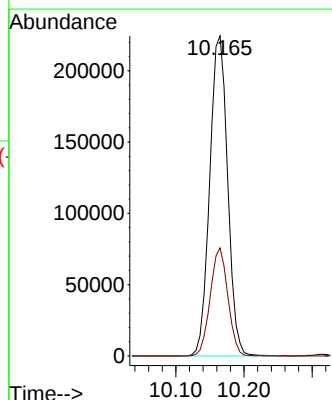
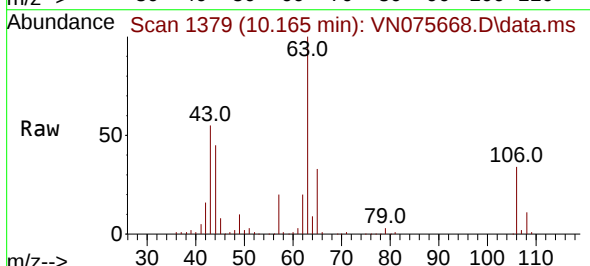
Acq: 09 Dec 2022 14:33

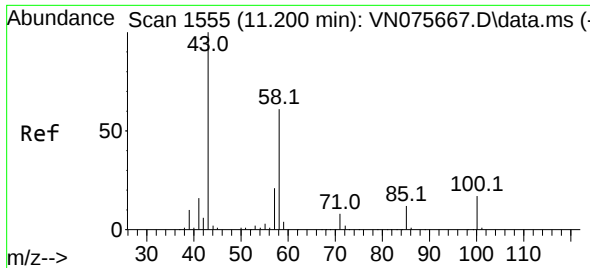
Tgt Ion: 63 Resp: 410755

Ion Ratio Lower Upper

63 100

106 33.2 24.8 37.2





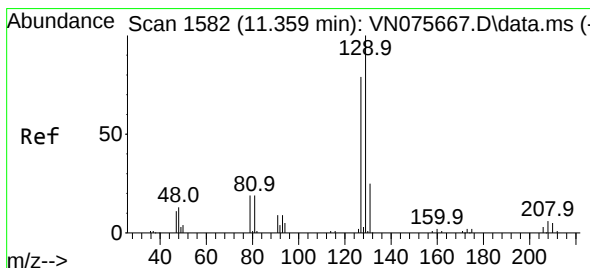
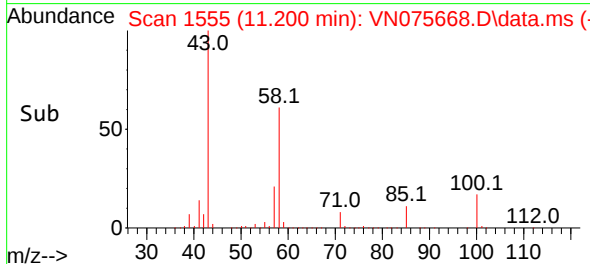
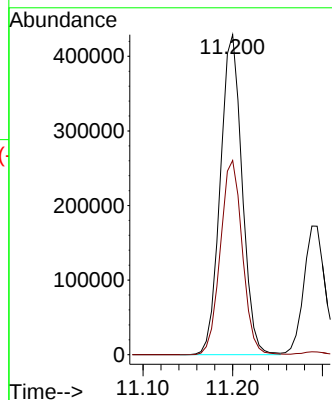
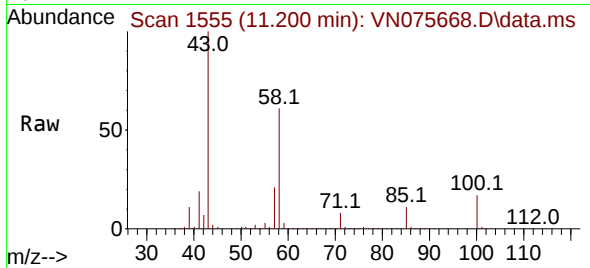
#59
2-Hexanone
Concen: 343.036 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 43 Resp: 723582
Ion Ratio Lower Upper
43 100
58 61.1 29.6 88.8

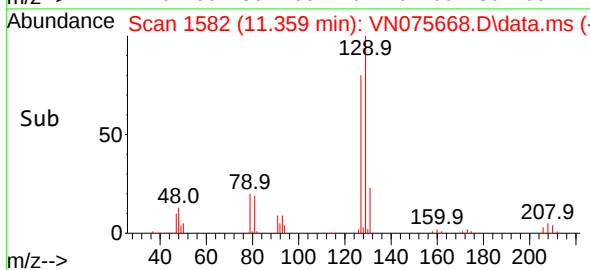
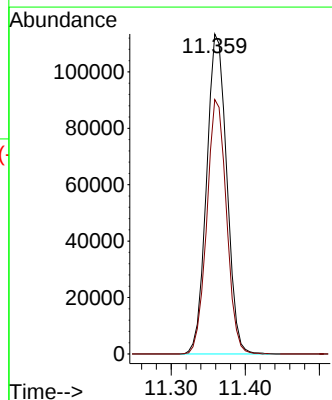
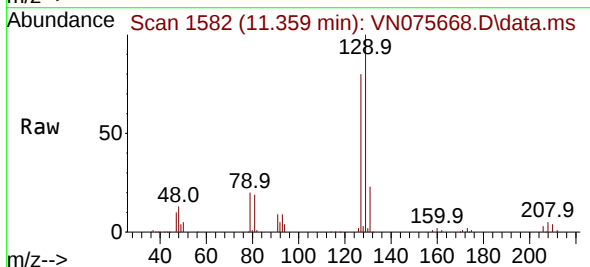
Manual Integrations
APPROVED

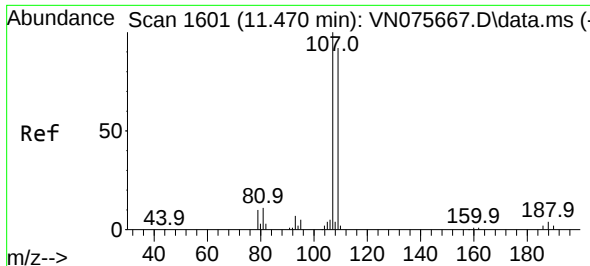
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#60
Dibromochloromethane
Concen: 85.109 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:129 Resp: 214222
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





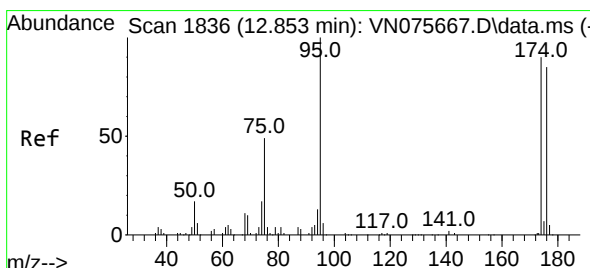
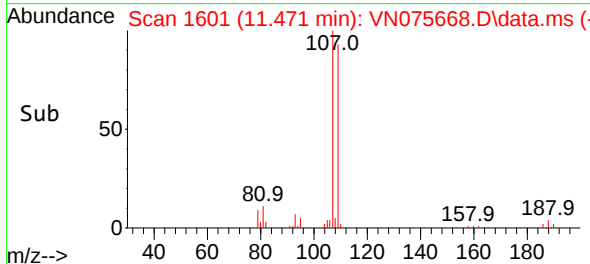
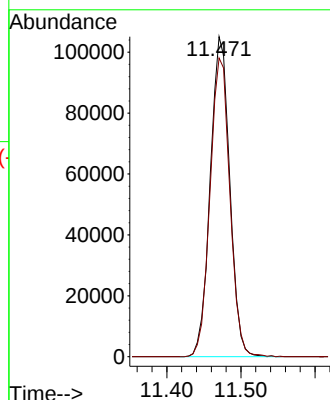
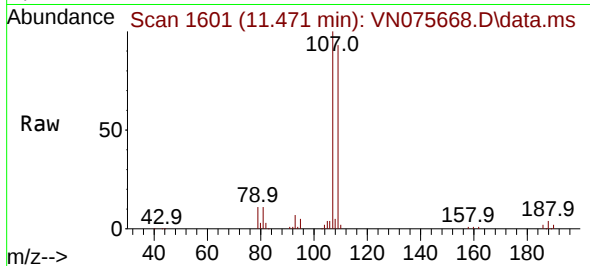
#61
1,2-Dibromoethane
Concen: 75.283 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:107 Resp: 191610
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

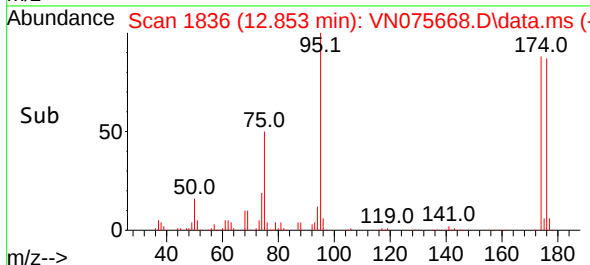
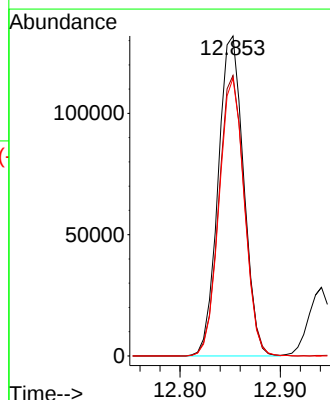
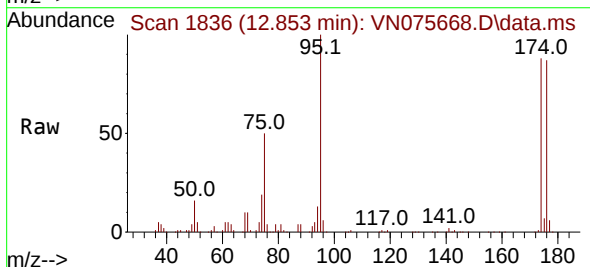
Manual Integrations
APPROVED

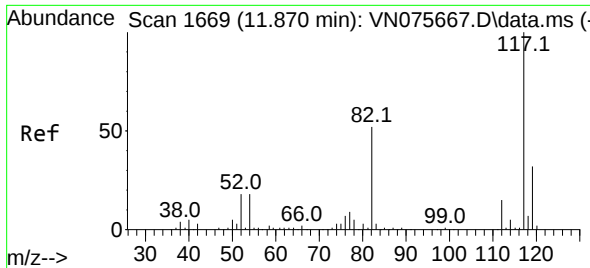
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#62
4-Bromofluorobenzene
Concen: 100.027 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

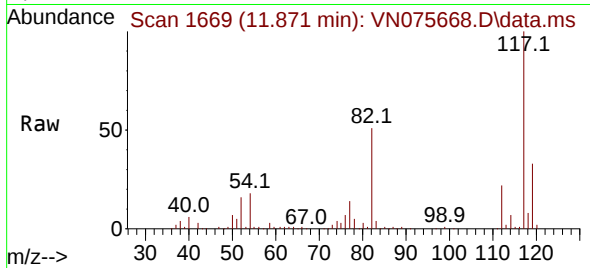
Tgt Ion: 95 Resp: 232686
Ion Ratio Lower Upper
95 100
174 87.8 0.0 147.4
176 85.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

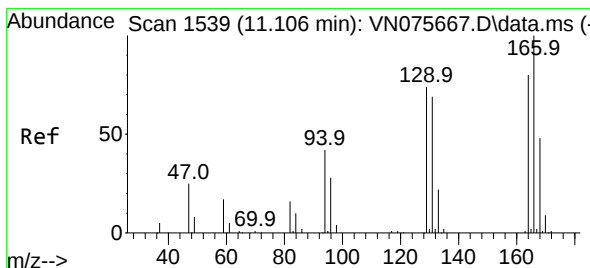
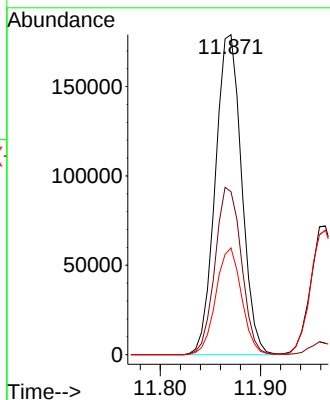
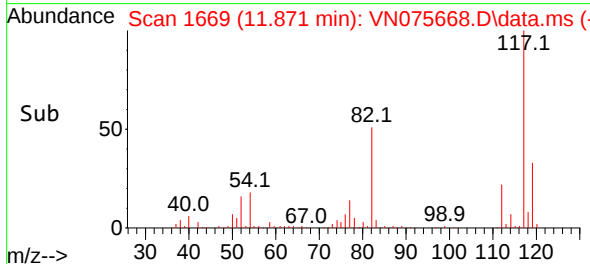
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



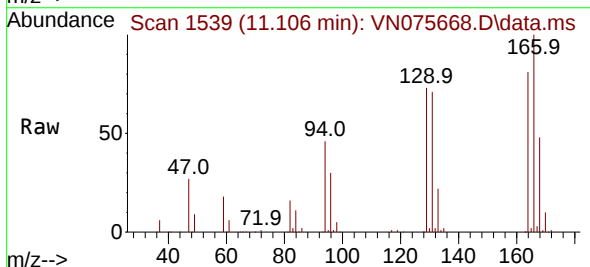
Tgt Ion:117 Resp: 326774
Ion Ratio Lower Upper
117 100
82 50.9 43.1 64.7
119 33.4 25.5 38.3

Manual Integrations
APPROVED

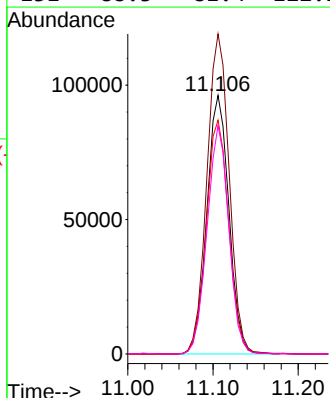
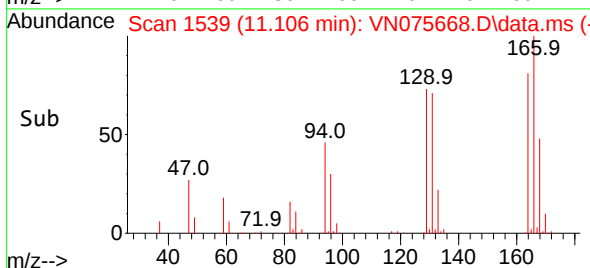
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

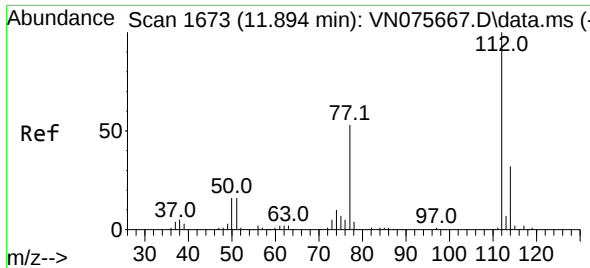


#64
Tetrachloroethene
Concen: 69.425 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



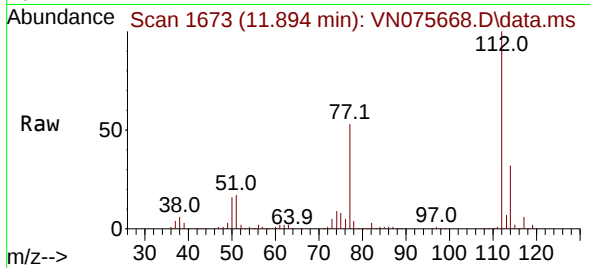
Tgt Ion:164 Resp: 173244
Ion Ratio Lower Upper
164 100
166 123.8 106.5 159.7
129 90.4 81.9 122.9
131 88.3 81.4 122.2





#65
Chlorobenzene
Concen: 77.339 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

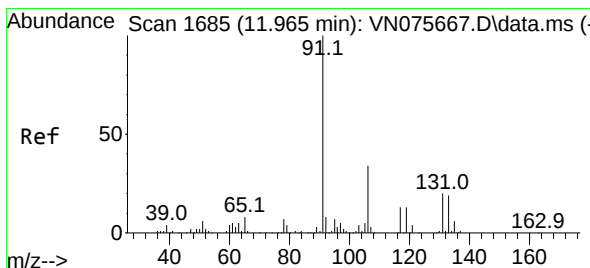
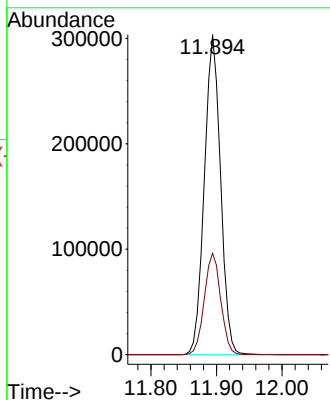
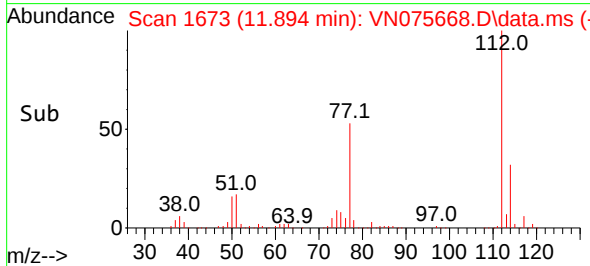
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



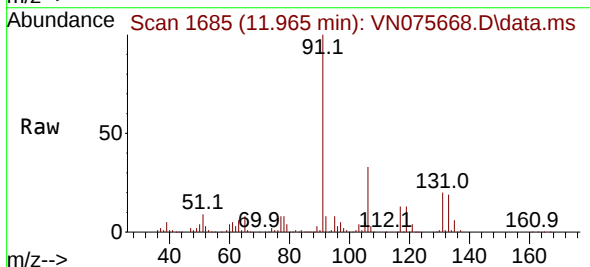
Tgt Ion:112 Resp: 521920
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

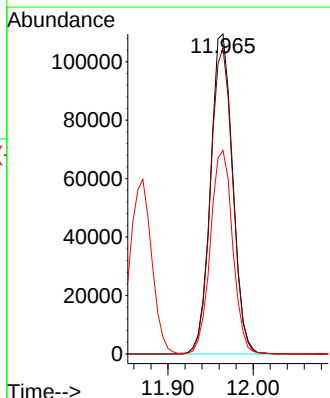
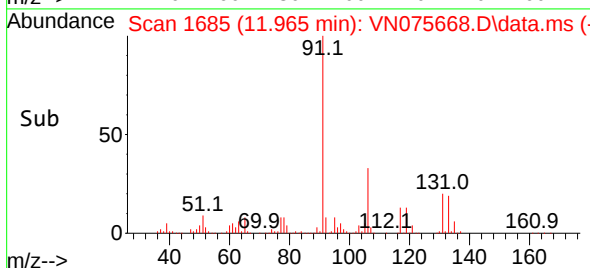
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

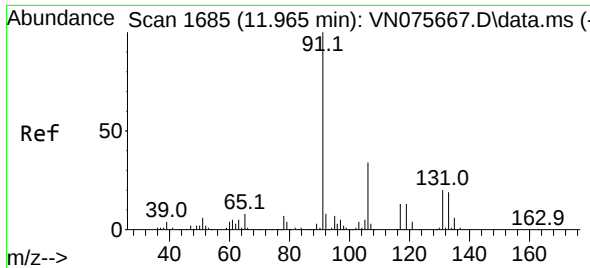


#66
1,1,1,2-Tetrachloroethane
Concen: 78.481 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion:131 Resp: 197668
Ion Ratio Lower Upper
131 100
133 95.6 47.8 143.4
119 64.1 33.0 99.0





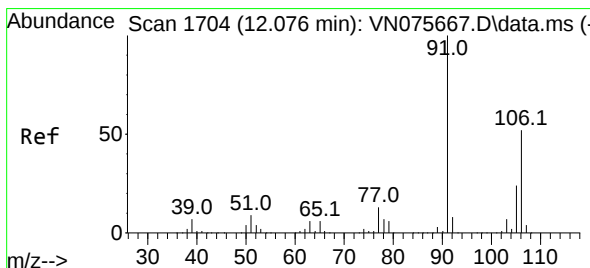
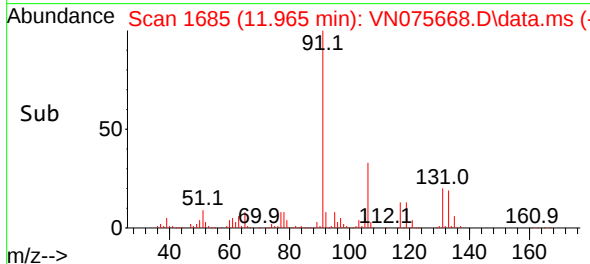
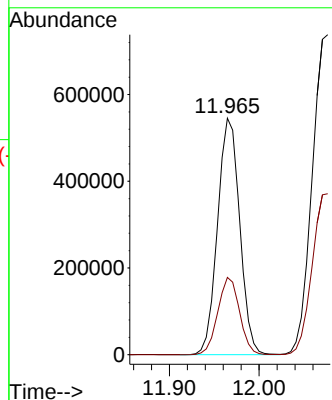
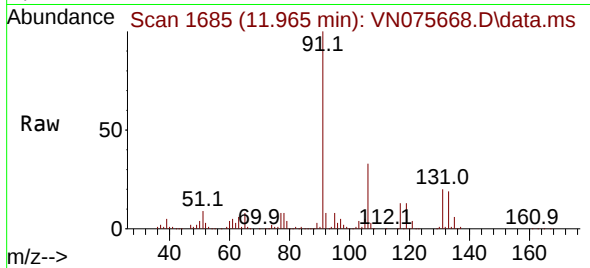
#67
Ethyl Benzene
Concen: 81.191 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 934768
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

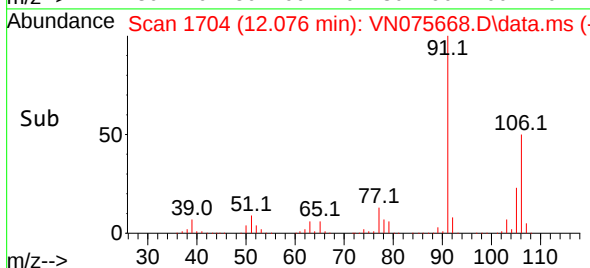
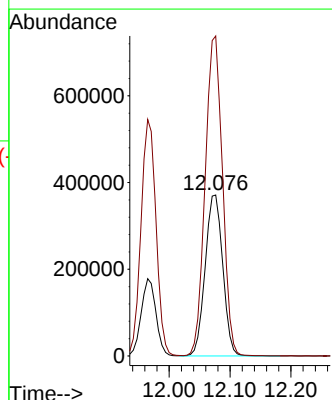
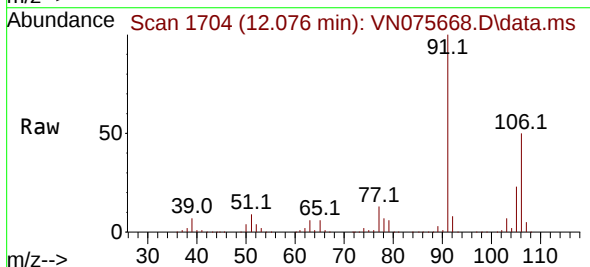
Manual Integrations
APPROVED

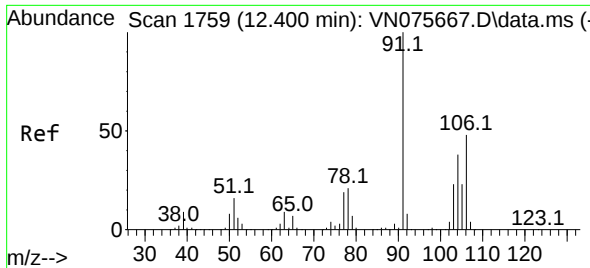
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#68
m/p-Xylenes
Concen: 158.988 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.005 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:106 Resp: 743332
Ion Ratio Lower Upper
106 100
91 196.1 156.0 234.0





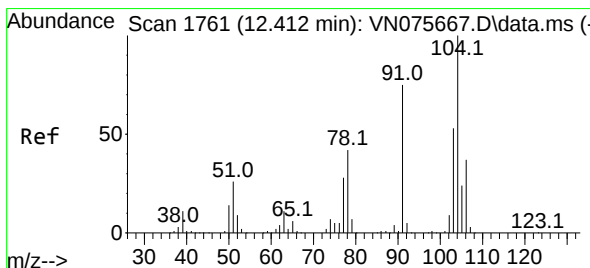
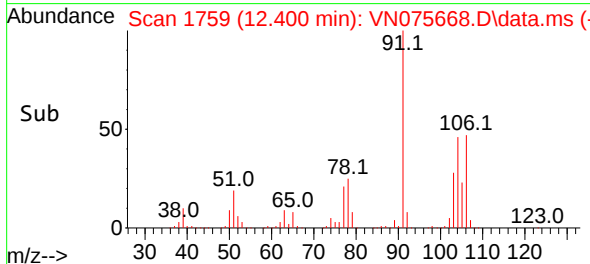
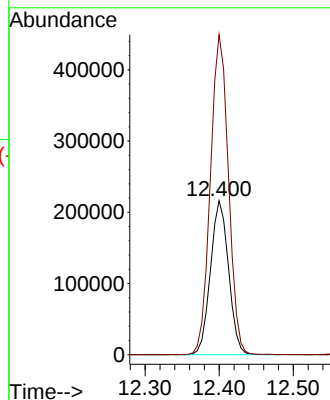
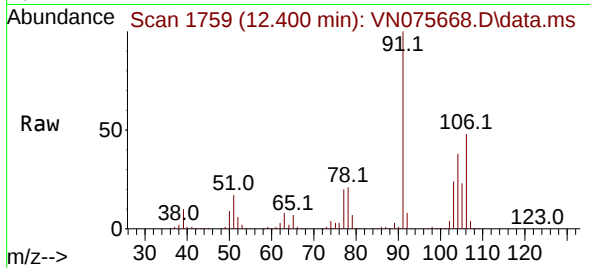
#69
o-Xylene
Concen: 78.856 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 366310
Ion Ratio Lower Upper
106 100
91 208.1 105.2 315.5

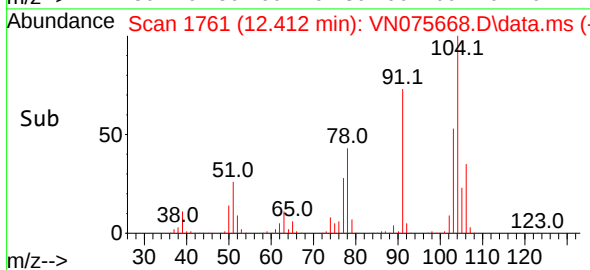
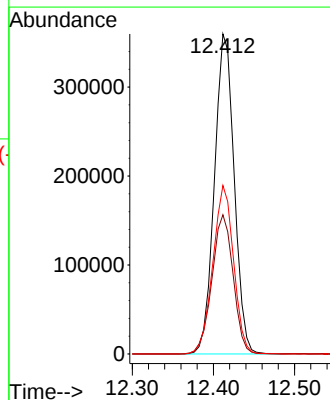
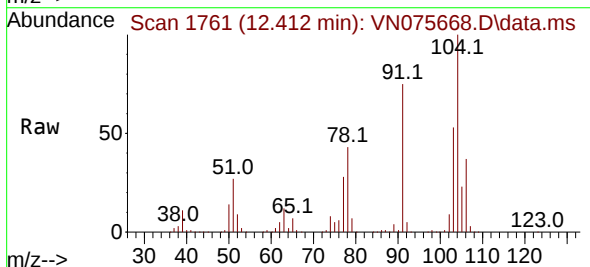
Manual Integrations
APPROVED

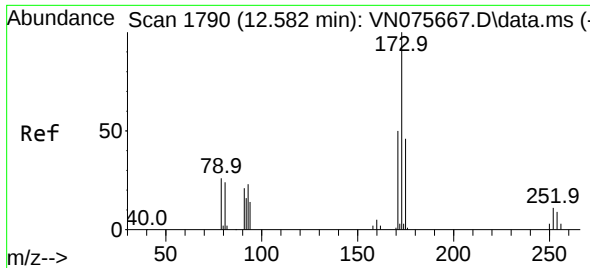
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#70
Styrene
Concen: 83.233 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

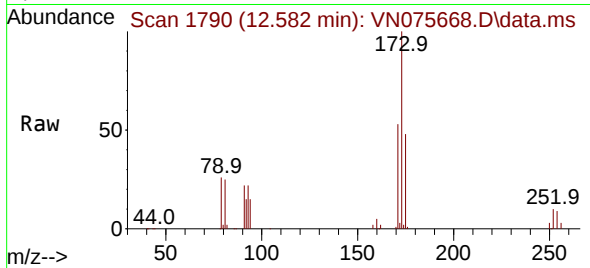
Tgt Ion:104 Resp: 609939
Ion Ratio Lower Upper
104 100
78 46.6 38.1 57.1
103 55.0 44.6 66.8





#71
Bromoform
Concen: 84.025 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

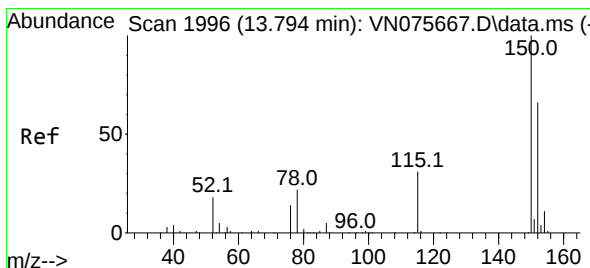
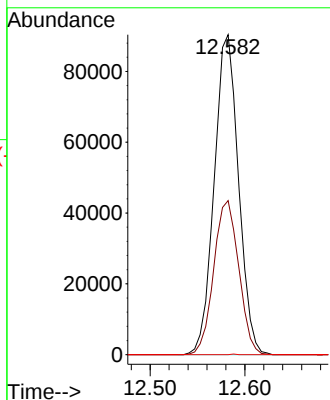
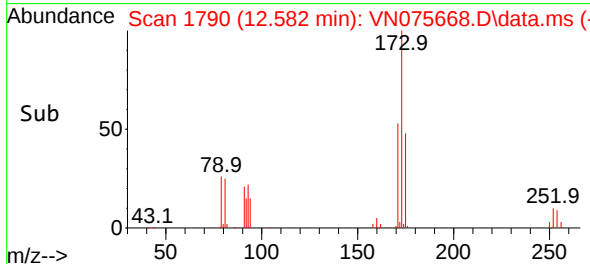
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



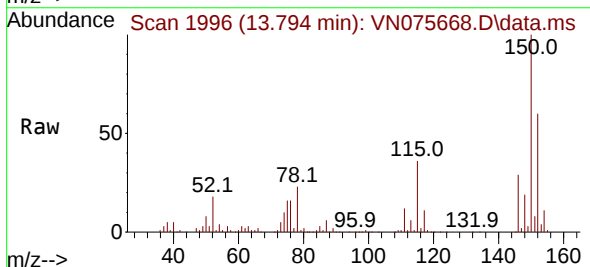
Tgt Ion:173 Resp: 161069
Ion Ratio Lower Upper
173 100
175 49.6 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

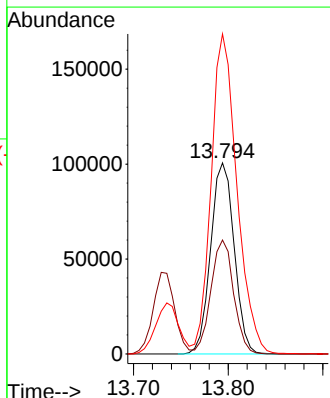
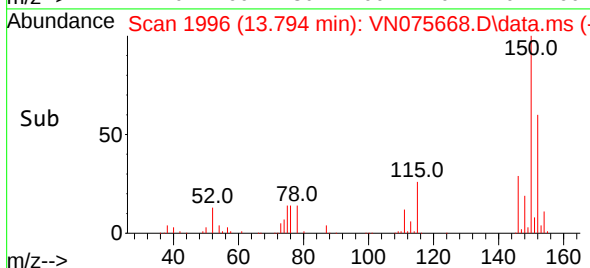
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

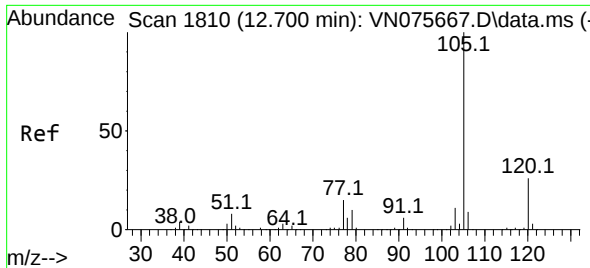


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion:152 Resp: 173392
Ion Ratio Lower Upper
152 100
115 57.9 30.2 90.6
150 184.0 0.0 348.4





#73
Isopropylbenzene
Concen: 76.019 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

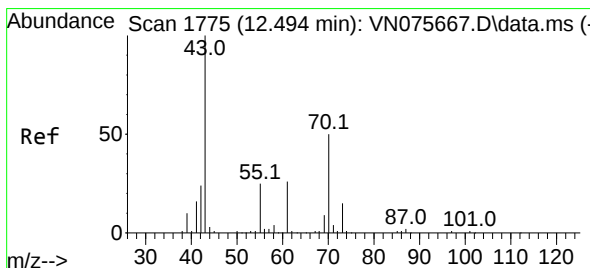
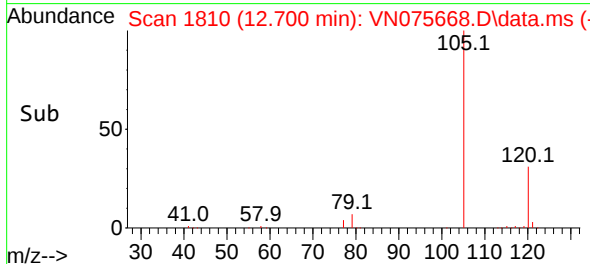
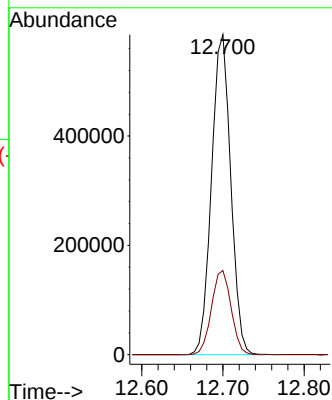
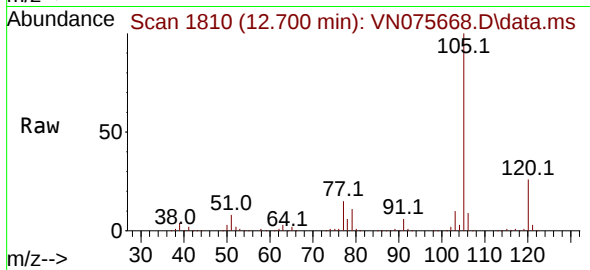
VSTDIC075

Tgt Ion:105 Resp: 96300
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

Manual Integrations

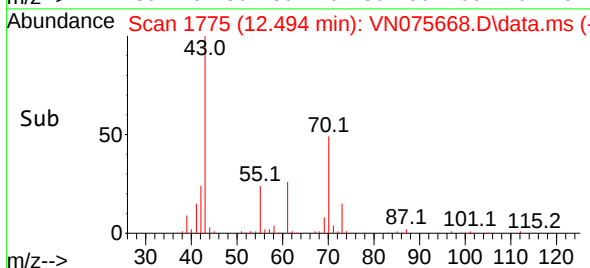
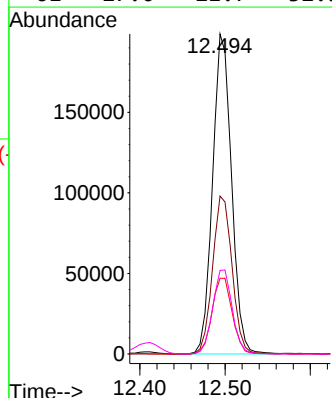
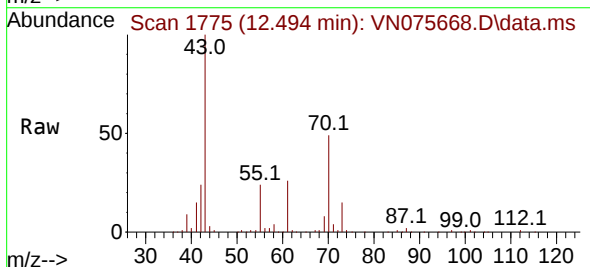
APPROVED

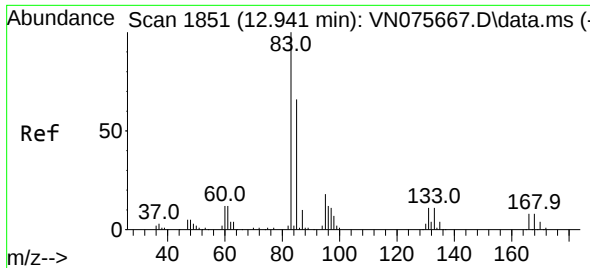
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#74
N-ethyl acetate
Concen: 78.746 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion: 43 Resp: 306679
Ion Ratio Lower Upper
43 100
70 50.8 39.8 59.8
55 25.3 19.9 29.9
61 27.0 21.7 32.5





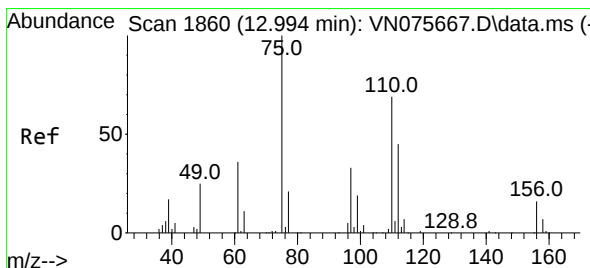
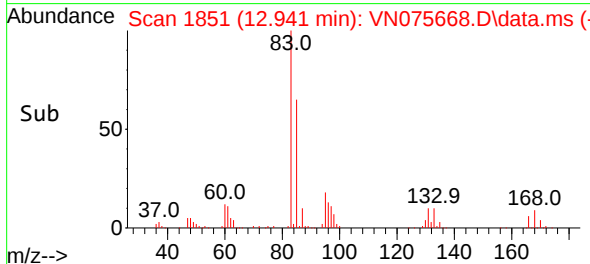
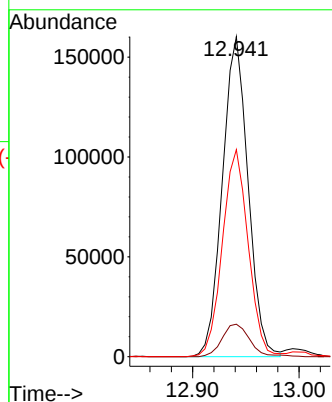
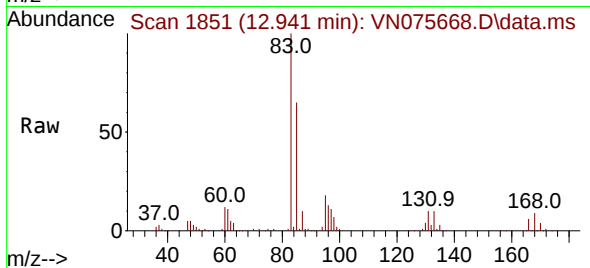
#75
1,1,2,2-Tetrachloroethane
Concen: 69.508 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 83 Resp: 26845
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 64.9 31.6 94.7

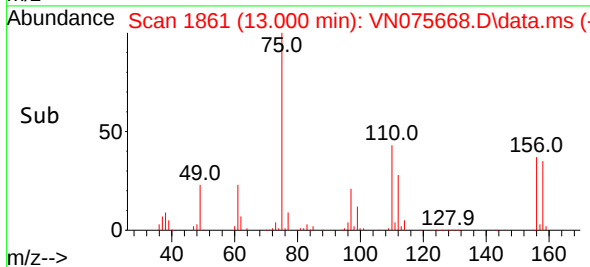
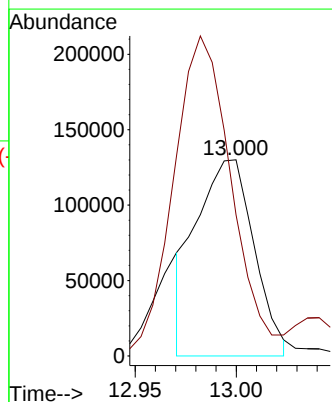
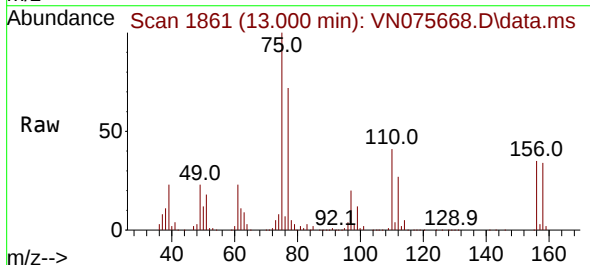
Manual Integrations
APPROVED

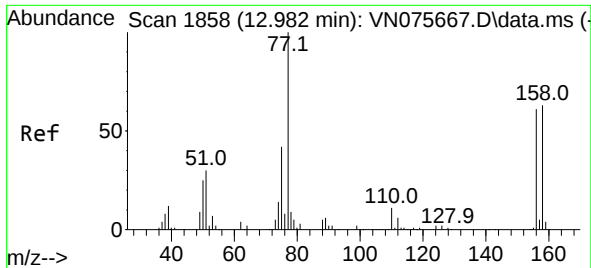
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#76
1,2,3-Trichloropropane
Concen: 78.604 ug/l m
RT: 13.000 min Scan# 1861
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

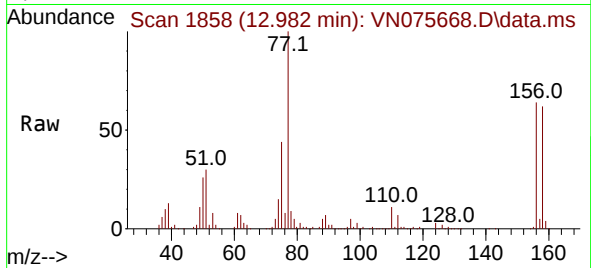
Tgt Ion: 75 Resp: 257693
Ion Ratio Lower Upper
75 100
77 165.0 75.6 226.8





#77
Bromobenzene
Concen: 75.123 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

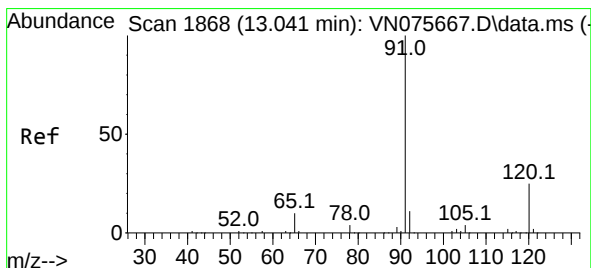
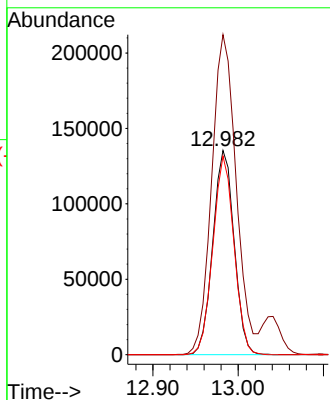
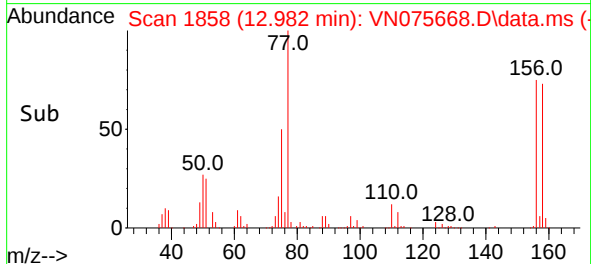
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



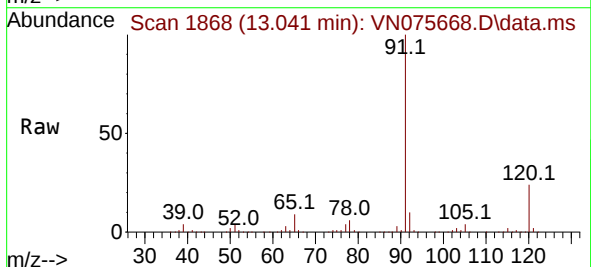
Tgt Ion:156 Resp: 23494
Ion Ratio Lower Upper
156 100
77 180.9 108.5 325.5
158 96.5 47.7 143.1

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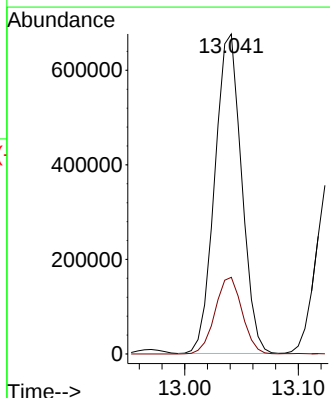
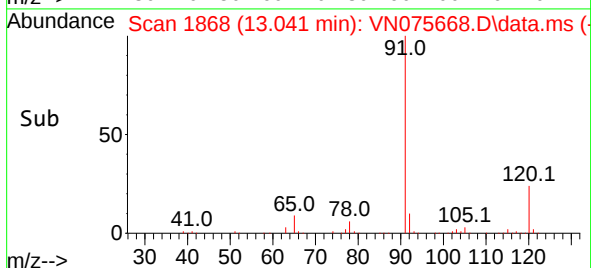
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

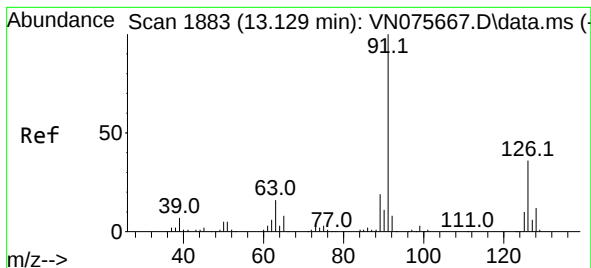


#78
n-propylbenzene
Concen: 78.522 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion: 91 Resp: 1110107
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





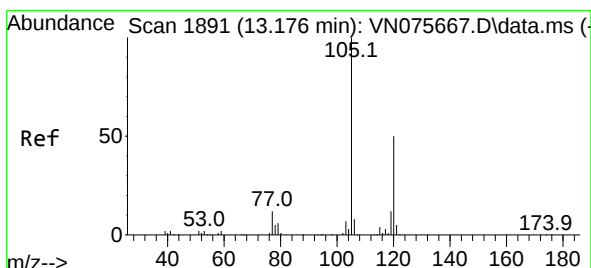
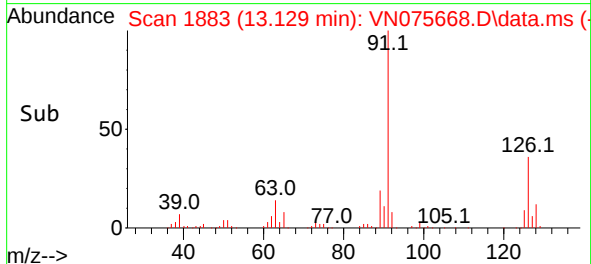
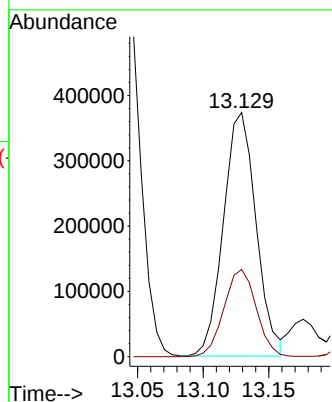
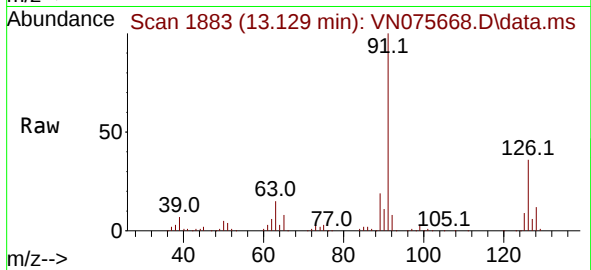
#79
2-Chlorotoluene
Concen: 76.015 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 64750
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7

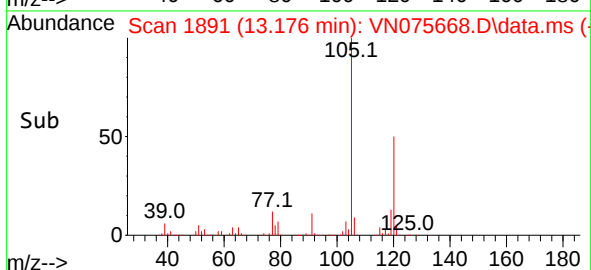
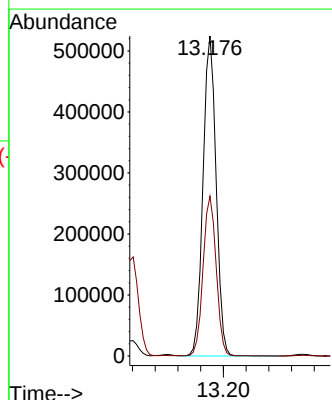
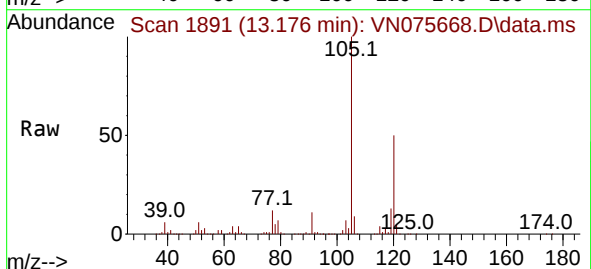
Manual Integrations
APPROVED

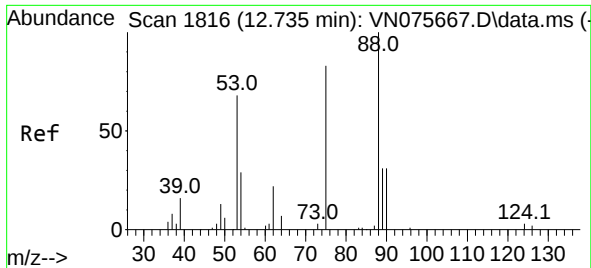
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#80
1,3,5-Trimethylbenzene
Concen: 79.643 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:105 Resp: 838214
Ion Ratio Lower Upper
105 100
120 49.9 24.7 74.1





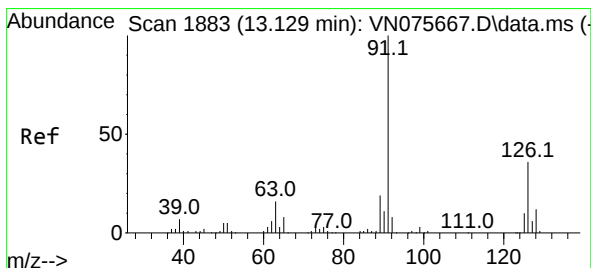
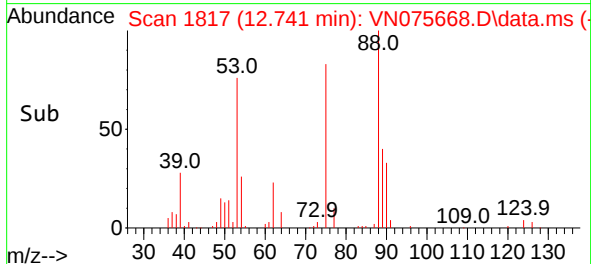
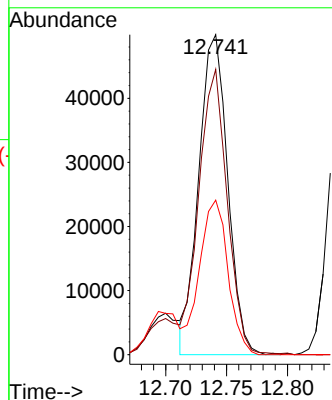
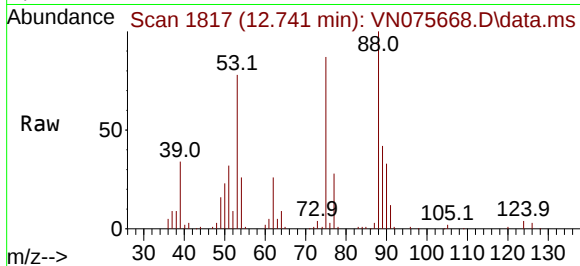
#81
trans-1,4-Dichloro-2-butene
Concen: 74.625 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 75 Resp: 82680
Ion Ratio Lower Upper
75 100
53 99.9 78.5 117.7
89 48.1 37.7 56.5

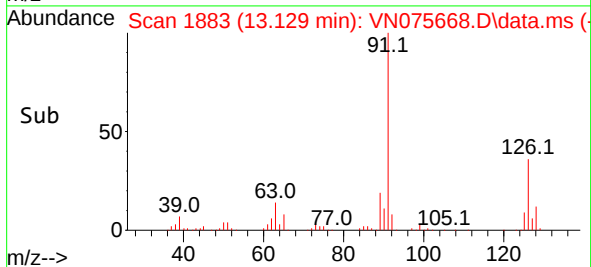
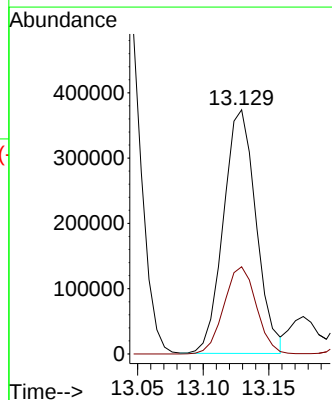
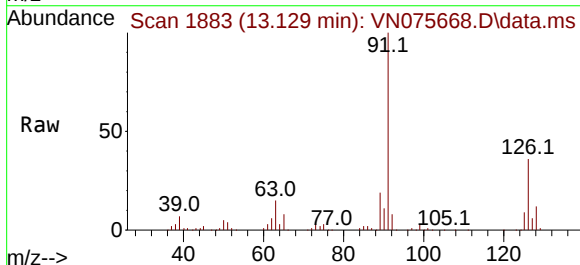
Manual Integrations
APPROVED

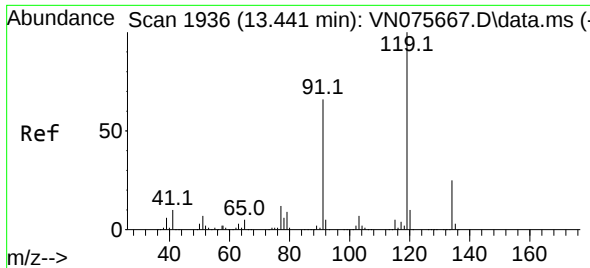
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#82
4-Chlorotoluene
Concen: 76.015 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.005 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

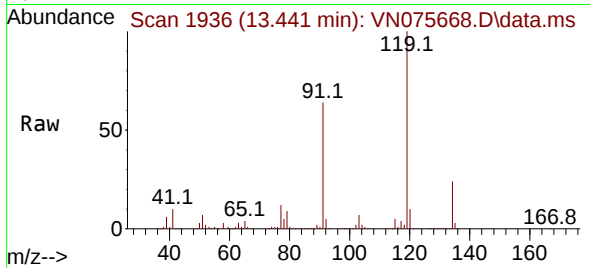
Tgt Ion: 91 Resp: 647507
Ion Ratio Lower Upper
91 100
126 35.4 16.9 50.7





#83
tert-Butylbenzene
Concen: 76.673 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

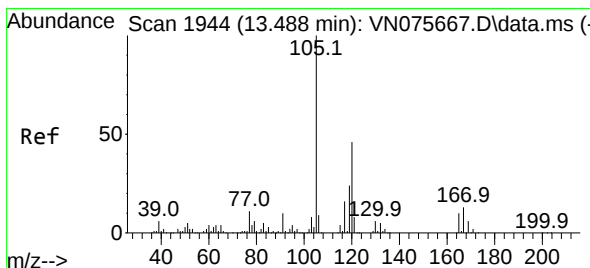
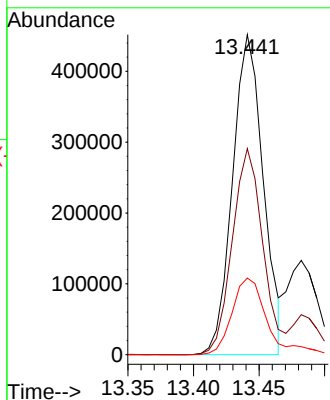
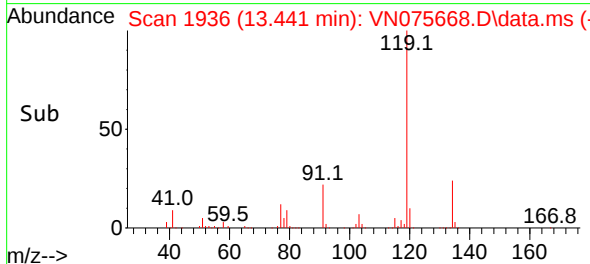
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



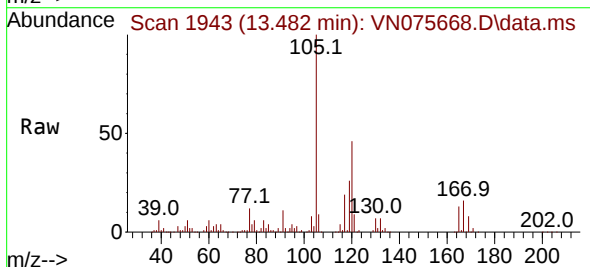
Tgt Ion:119 Resp: 735758
Ion Ratio Lower Upper
119 100
91 64.6 32.8 98.4
134 27.3 12.3 36.9

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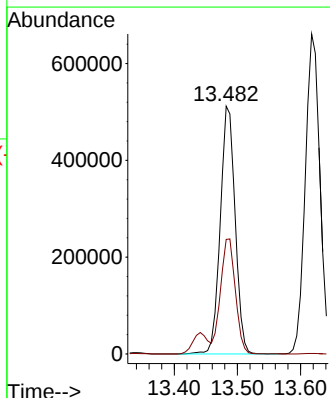
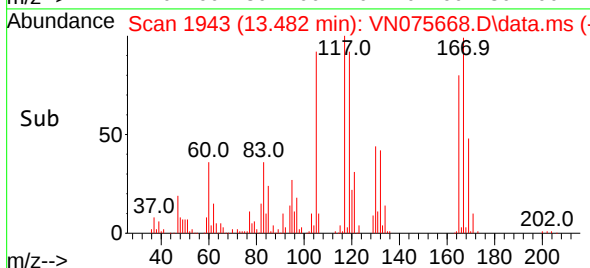
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

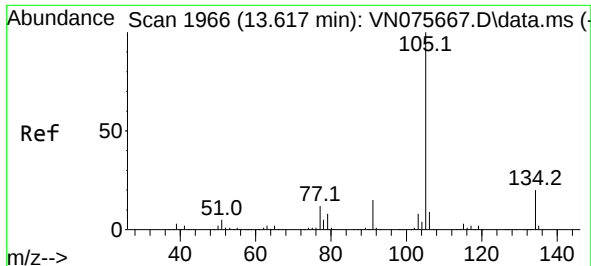


#84
1,2,4-Trimethylbenzene
Concen: 79.495 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



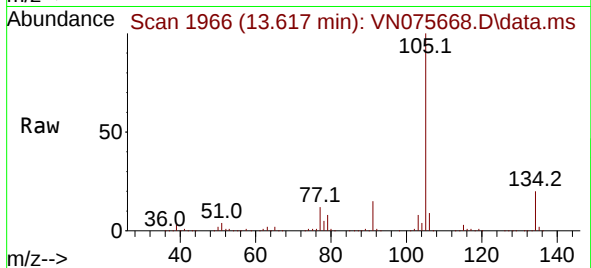
Tgt Ion:105 Resp: 839219
Ion Ratio Lower Upper
105 100
120 46.3 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 81.614 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33

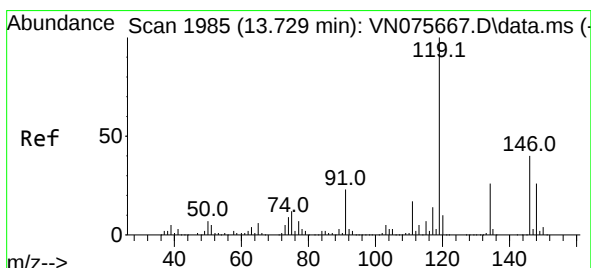
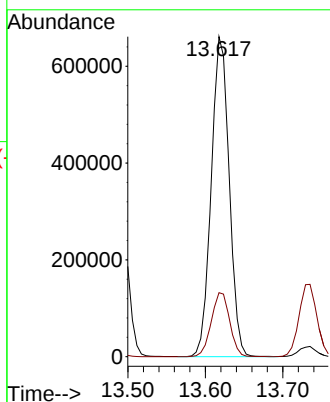
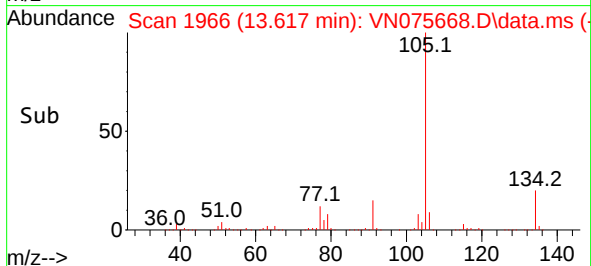
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



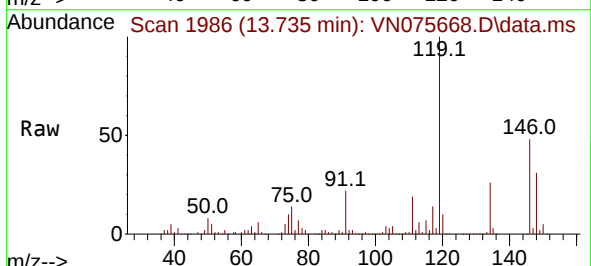
Tgt Ion:105 Resp: 1062640
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

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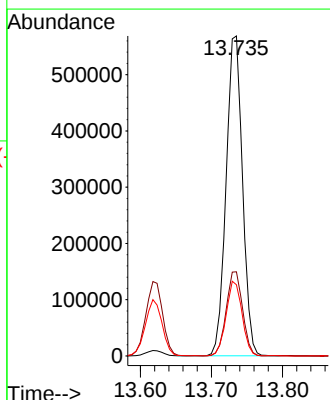
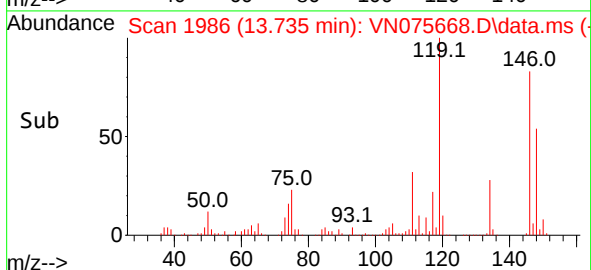
Reviewed By :John Carlone 12/12/2022
 Supervised By :Mahesh Dadoda 12/12/2022

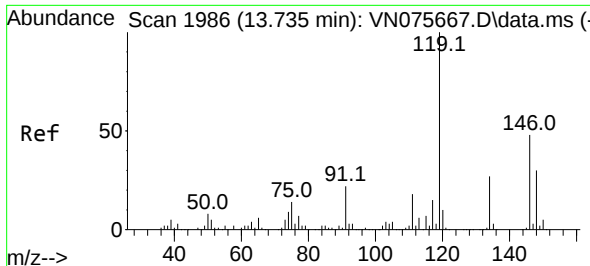


#86
 p-Isopropyltoluene
 Concen: 83.071 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075668.D
 Acq: 09 Dec 2022 14:33



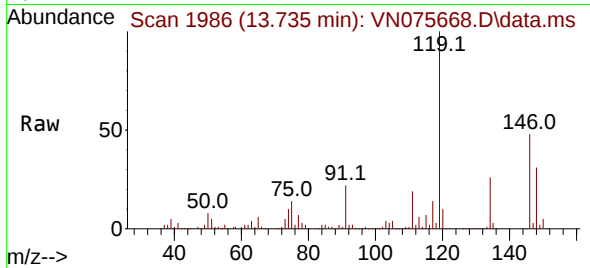
Tgt Ion:119 Resp: 910022
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.1 39.3
 91 22.8 11.9 35.5





#87
1,3-Dichlorobenzene
Concen: 76.172 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

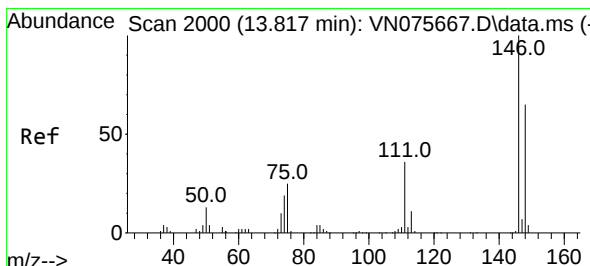
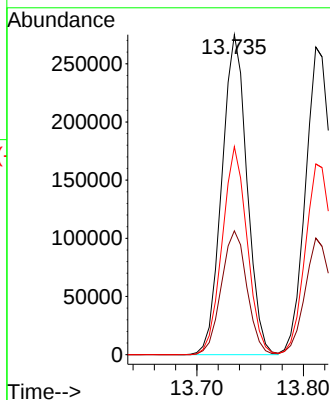
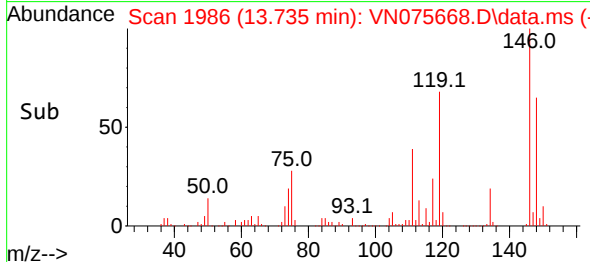
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



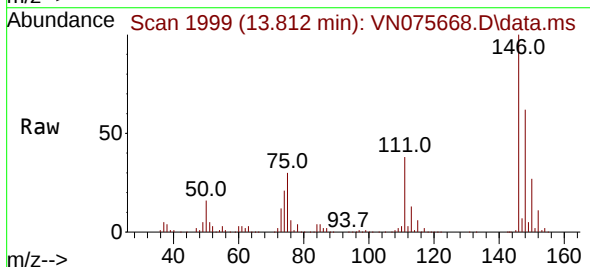
Tgt Ion:146 Resp: 451362
Ion Ratio Lower Upper
146 100
111 39.4 20.8 62.5
148 64.3 31.1 93.5

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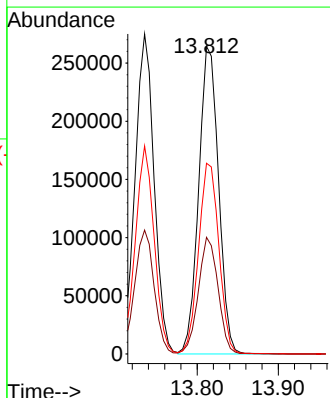
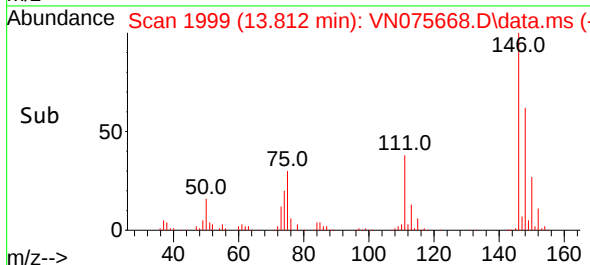
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

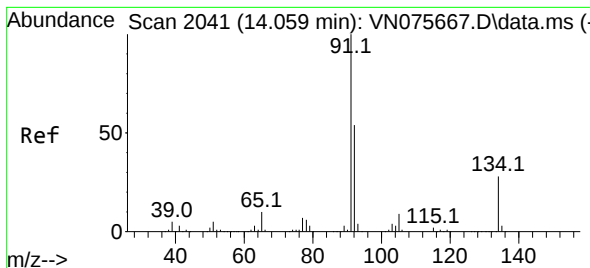


#88
1,4-Dichlorobenzene
Concen: 74.665 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion:146 Resp: 449431
Ion Ratio Lower Upper
146 100
111 37.4 20.1 60.3
148 63.5 31.9 95.7





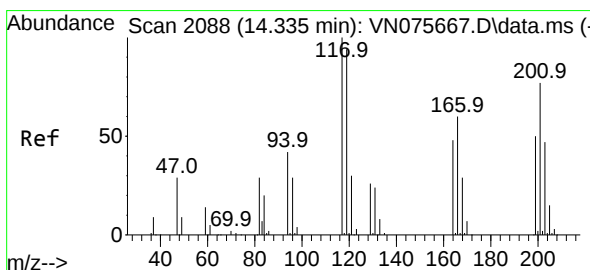
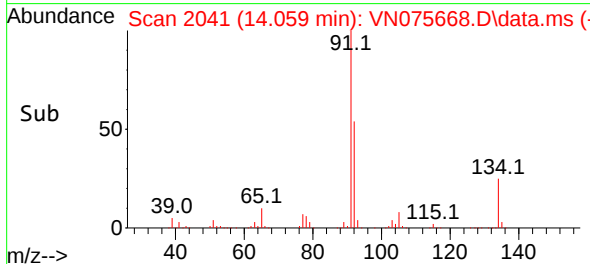
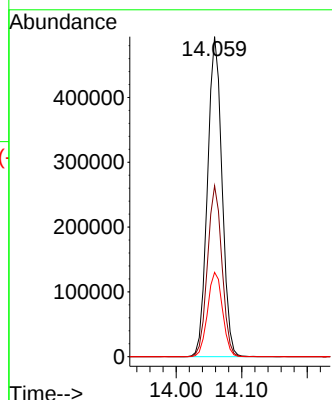
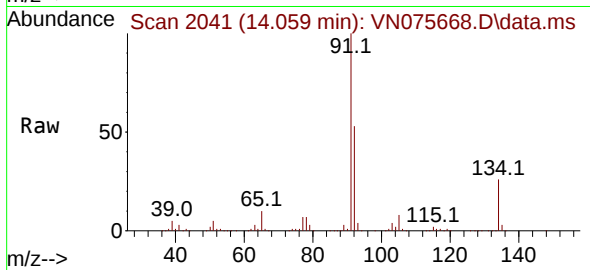
#89
n-Butylbenzene
Concen: 82.040 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 759062
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.4
134 27.2 13.0 39.0

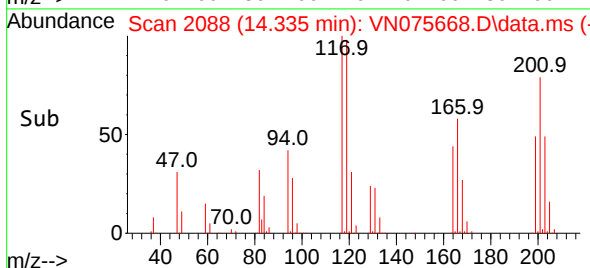
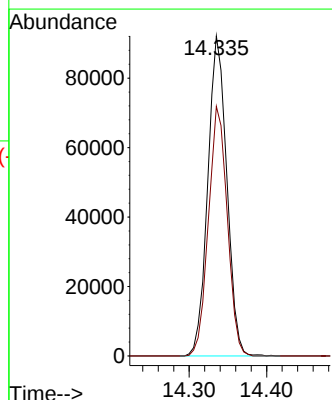
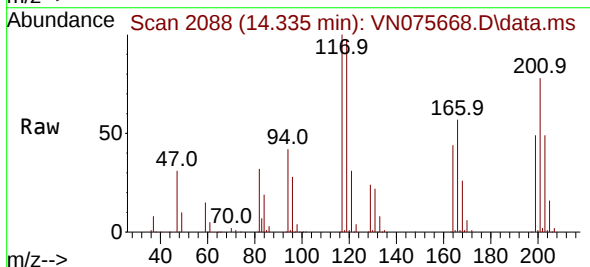
Manual Integrations
APPROVED

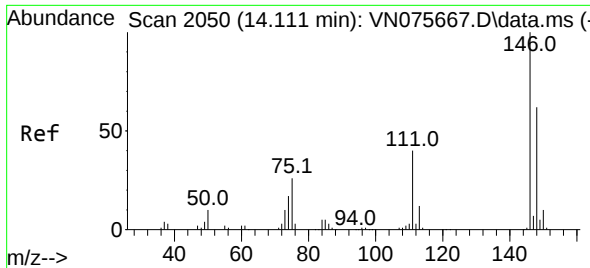
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022



#90
Hexachloroethane
Concen: 83.108 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

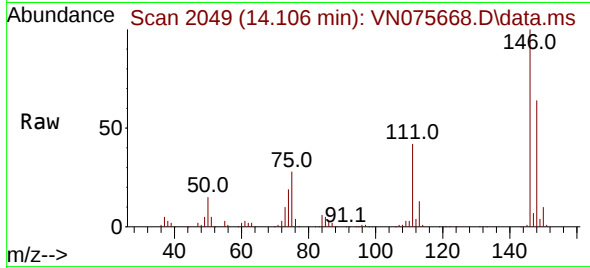
Tgt Ion:117 Resp: 157061
Ion Ratio Lower Upper
117 100
201 77.1 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 76.466 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

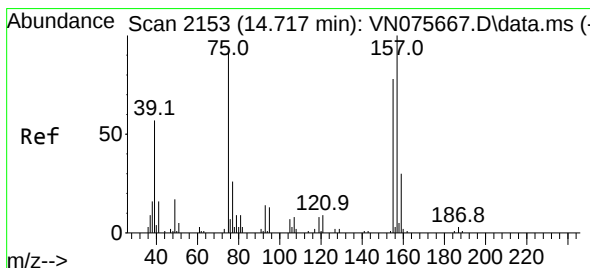
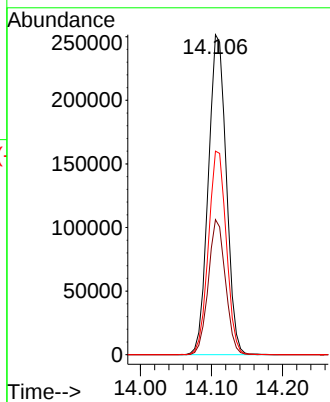
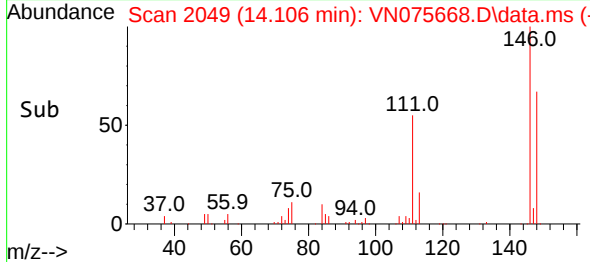
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



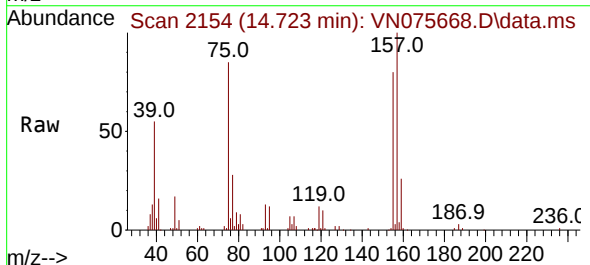
Tgt Ion:146 Resp: 44166
Ion Ratio Lower Upper
146 100
111 40.3 21.3 63.9
148 63.3 31.4 94.2

Manual Integrations
APPROVED

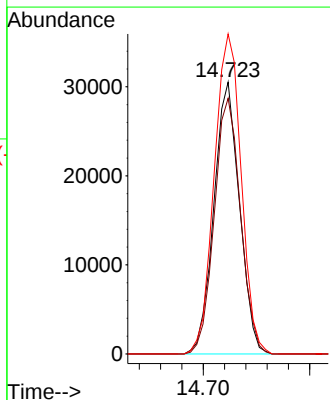
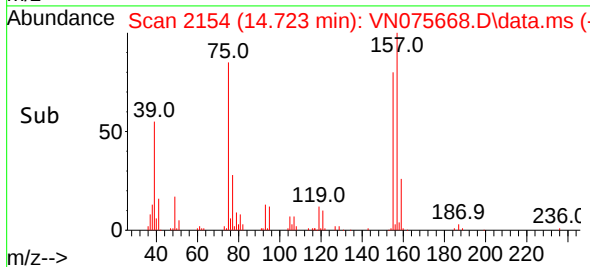
Reviewed By :John Carlone 12/12/2022
Supervised By :Mahesh Dadoda 12/12/2022

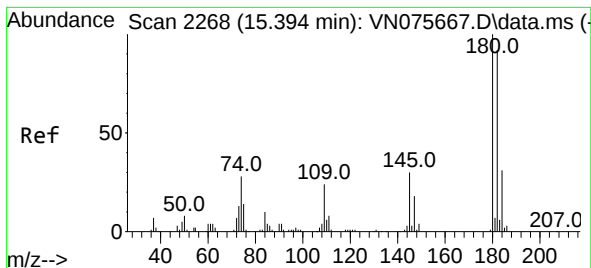


#92
1,2-Dibromo-3-Chloropropane
Concen: 69.532 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33



Tgt Ion: 75 Resp: 50870
Ion Ratio Lower Upper
75 100
155 96.2 42.1 126.3
157 123.8 51.7 155.1





#93

1,2,4-Trichlorobenzene

Concen: 81.051 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:180 Resp: 239908

Ion Ratio Lower Upper

180 100

182 94.2 47.8 143.4

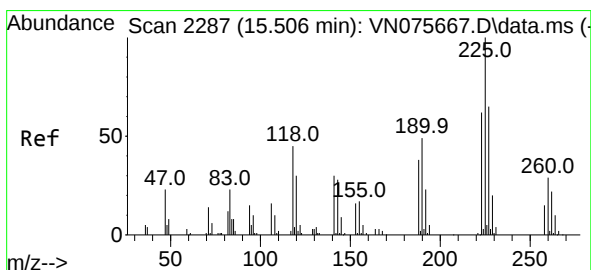
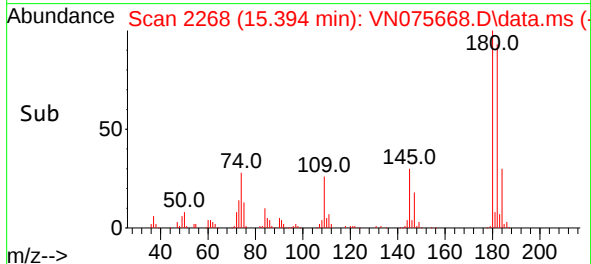
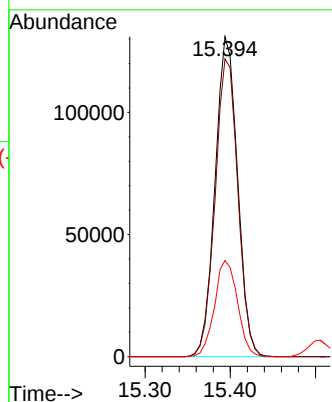
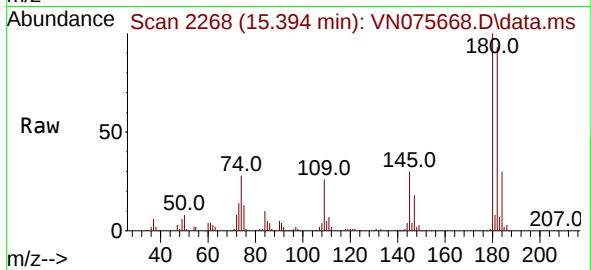
145 30.7 16.8 50.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/12/2022

Supervised By :Mahesh Dadoda 12/12/2022



#94

Hexachlorobutadiene

Concen: 80.298 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN075668.D

Acq: 09 Dec 2022 14:33

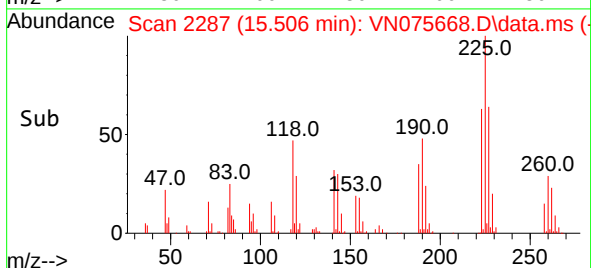
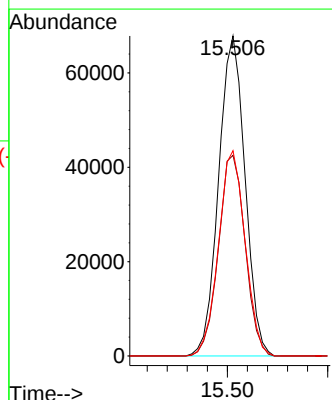
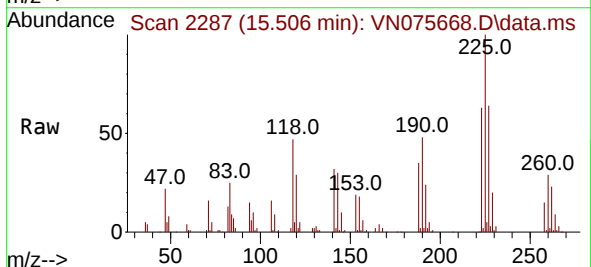
Tgt Ion:225 Resp: 123803

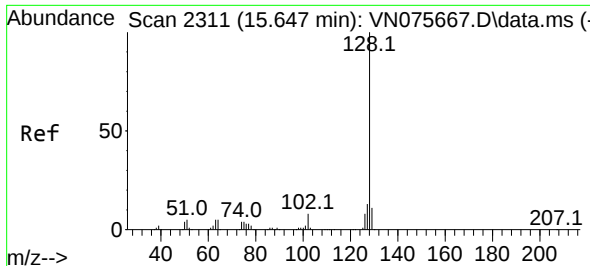
Ion Ratio Lower Upper

225 100

223 63.3 32.3 96.9

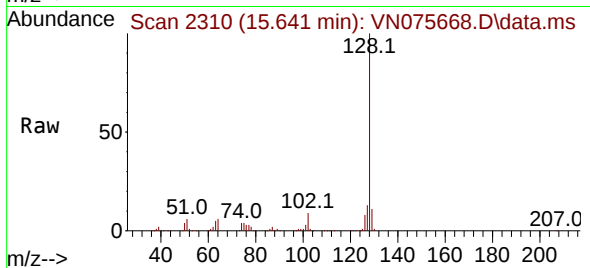
227 64.7 32.0 96.2





#95
Naphthalene
Concen: 76.260 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

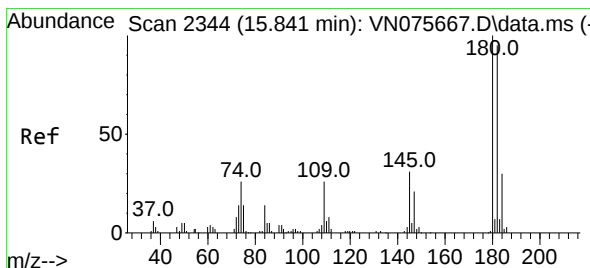
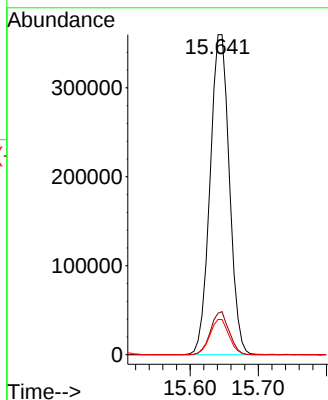
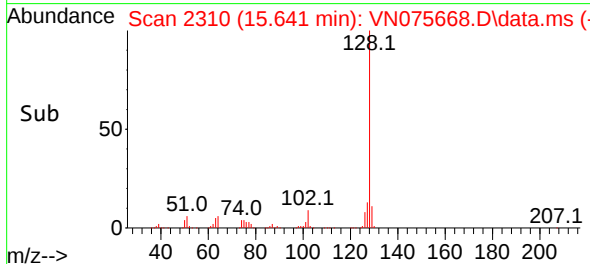
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:128 Resp: 71013
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 78.812 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075668.D
Acq: 09 Dec 2022 14:33

Tgt Ion:180 Resp: 229279
Ion Ratio Lower Upper
180 100
182 95.3 47.3 141.8
145 32.1 17.6 52.9

