

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075728.D
 Acq On : 12 Dec 2022 21:16
 Operator : JC\MD
 Sample : N5978-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS

Quant Time: Dec 13 01:35:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	206289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	335895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	305951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	161902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	98486	44.996	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.000%		
35) Dibromofluoromethane	8.171	113	89974	43.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.800%		
50) Toluene-d8	10.571	98	345295	44.866	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.740%		
62) 4-Bromofluorobenzene	12.853	95	121896	46.324	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71663	47.233	ug/l	98
3) Chloromethane	2.377	50	86716	47.971	ug/l	97
4) Vinyl Chloride	2.524	62	107544	48.433	ug/l	97
5) Bromomethane	2.948	94	88299	46.690	ug/l	95
6) Chloroethane	3.118	64	79498	47.984	ug/l	95
7) Trichlorofluoromethane	3.506	101	161602	50.161	ug/l	98
8) Diethyl Ether	3.977	74	59819	50.789	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	93142	49.263	ug/l	99
10) Methyl Iodide	4.601	142	152833	49.465	ug/l	99
11) Tert butyl alcohol	5.536	59	63484	196.056	ug/l	99
12) 1,1-Dichloroethene	4.354	96	90525	51.224	ug/l	98
13) Acrolein	4.189	56	105023	281.616	ug/l	99
14) Allyl chloride	5.036	41	103733	47.135	ug/l	98
15) Acrylonitrile	5.730	53	206002	246.298	ug/l	100
16) Acetone	4.442	43	150313	202.785	ug/l	98
17) Carbon Disulfide	4.724	76	229943	49.173	ug/l	99
18) Methyl Acetate	5.042	43	101234	42.502	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	335097	56.369	ug/l	98
20) Methylene Chloride	5.289	84	104312	47.206	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	99271	50.266	ug/l	97
22) Diisopropyl ether	6.683	45	271726	54.266	ug/l	97
23) Vinyl Acetate	6.612	43	975882m	255.585	ug/l	
24) 1,1-Dichloroethane	6.577	63	170168	51.628	ug/l	99
25) 2-Butanone	7.489	43	250360	231.047	ug/l	97
26) 2,2-Dichloropropane	7.500	77	131066	46.624	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	122214	50.974	ug/l	97
28) Bromochloromethane	7.818	49	68014	51.610	ug/l	99
29) Tetrahydrofuran	7.847	42	165908	248.406	ug/l	99
30) Chloroform	7.971	83	191303	52.400	ug/l	97
31) Cyclohexane	8.265	56	153071	47.234	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	175219	52.021	ug/l	99
36) 1,1-Dichloropropene	8.377	75	138932	51.055	ug/l	98
37) Ethyl Acetate	7.565	43	101710	46.553	ug/l	99
38) Carbon Tetrachloride	8.371	117	156493	49.836	ug/l	98
39) Methylcyclohexane	9.606	83	181275	52.534	ug/l	96
40) Benzene	8.612	78	427205	51.155	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	58311	52.050	ug/l	97
42) 1,2-Dichloroethane	8.677	62	142689	51.076	ug/l	99
43) Isopropyl Acetate	8.694	43	179716	49.271	ug/l	99
44) Trichloroethene	9.353	130	116179	49.312	ug/l	93
45) 1,2-Dichloropropane	9.624	63	102102	51.405	ug/l	100
46) Dibromomethane	9.712	93	77179	51.756	ug/l	99
47) Bromodichloromethane	9.888	83	151259	51.734	ug/l	95
48) Methyl methacrylate	9.683	41	85614	50.964	ug/l	99
49) 1,4-Dioxane	9.694	88	35679	873.722	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	561148	249.499	ug/l	100
52) Toluene	10.635	92	288324	52.233	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	153213	53.058	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	164965	51.348	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	111511	51.380	ug/l	95
56) Ethyl methacrylate	10.877	69	155577	52.903	ug/l	99
57) 1,3-Dichloropropane	11.165	76	181973	51.874	ug/l	99
59) 2-Hexanone	11.200	43	403142	246.719	ug/l	99
60) Dibromochloromethane	11.359	129	127648	53.449	ug/l	99
61) 1,2-Dibromoethane	11.471	107	114305	50.269	ug/l	99
64) Tetrachloroethene	11.106	164	100061	44.900	ug/l	97
65) Chlorobenzene	11.894	112	310506	49.326	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	117843	51.453	ug/l	98
67) Ethyl Benzene	11.965	91	559850	52.571	ug/l	97
68) m/p-Xylenes	12.077	106	454053	105.521	ug/l	99
69) o-Xylene	12.400	106	223264	53.469	ug/l	100
70) Styrene	12.412	104	362818	54.176	ug/l	99
71) Bromoform	12.582	173	91224	52.547	ug/l #	97
73) Isopropylbenzene	12.700	105	574711	49.438	ug/l	99
74) N-amyl acetate	12.494	43	166816	49.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	162223	46.455	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	139621m	42.942	ug/l	
77) Bromobenzene	12.982	156	141606	48.438	ug/l	98
78) n-propylbenzene	13.035	91	660839	51.229	ug/l	99
79) 2-Chlorotoluene	13.129	91	385465	48.402	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	496098	51.044	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	42580	43.062	ug/l	98
82) 4-Chlorotoluene	13.129	91	385465	48.402	ug/l	99
83) tert-Butylbenzene	13.441	119	457291	51.885	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	504898	51.688	ug/l	99
85) sec-Butylbenzene	13.618	105	632372	52.191	ug/l	99
86) p-Isopropyltoluene	13.735	119	531699	52.445	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	265976	48.649	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	263992	47.471	ug/l	100
89) n-Butylbenzene	14.059	91	438242	53.933	ug/l	99
90) Hexachloroethane	14.335	117	91079	52.448	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	261741	48.112	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27513	47.947	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	131703	50.424	ug/l	98
94) Hexachlorobutadiene	15.506	225	73830	49.820	ug/l	100
95) Naphthalene	15.641	128	379152	49.115	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	128046	49.892	ug/l	99

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

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

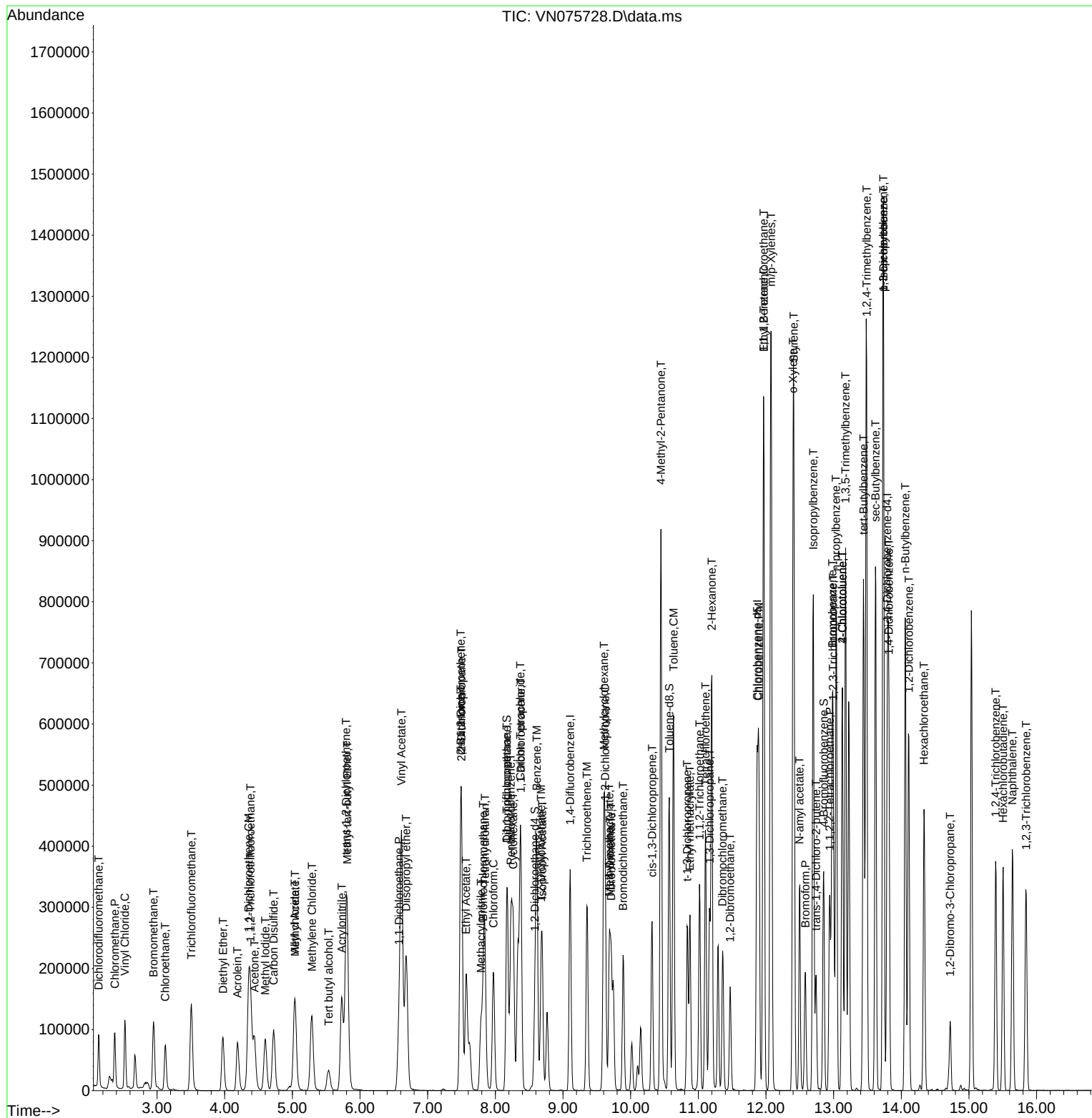
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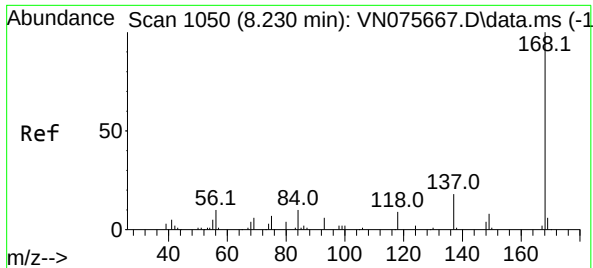
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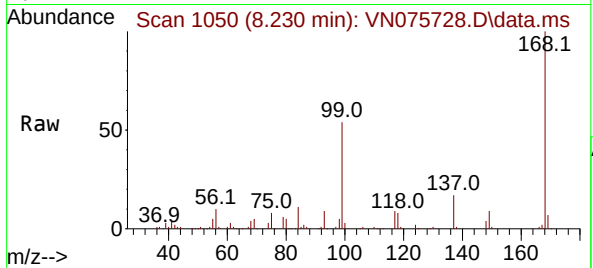
Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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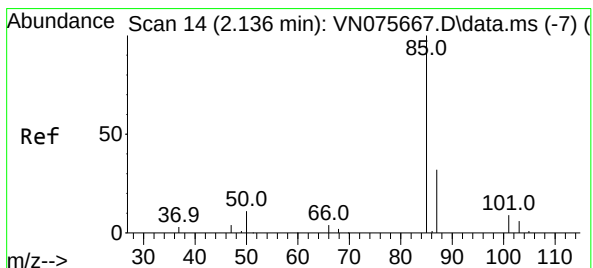
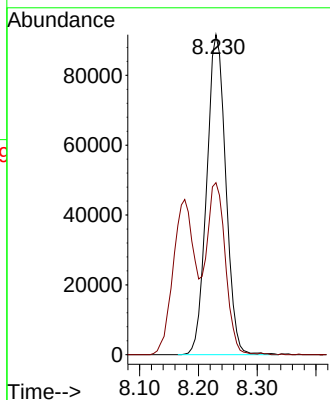
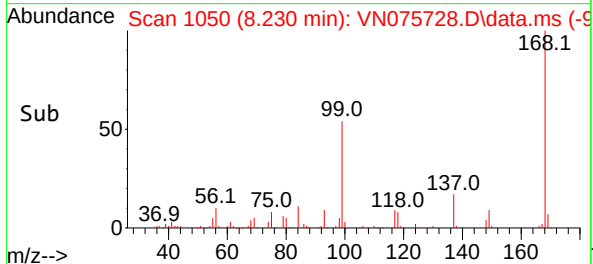
Instrument :
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Tgt Ion: 168 Resp: 206289
Ion Ratio Lower Upper
168 100
99 53.8 41.2 61.8

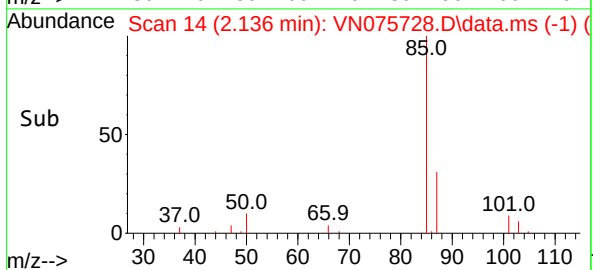
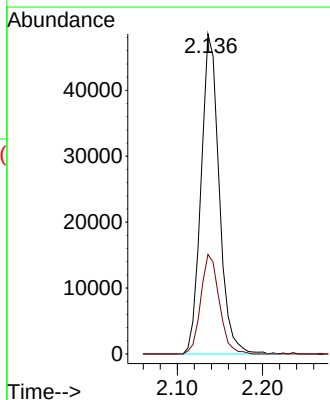
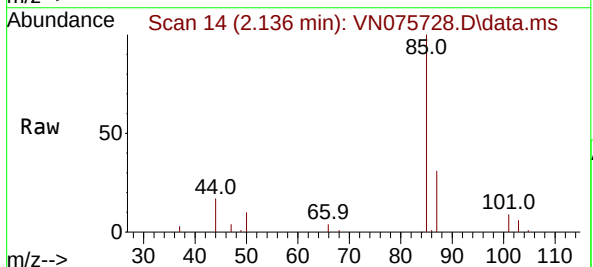
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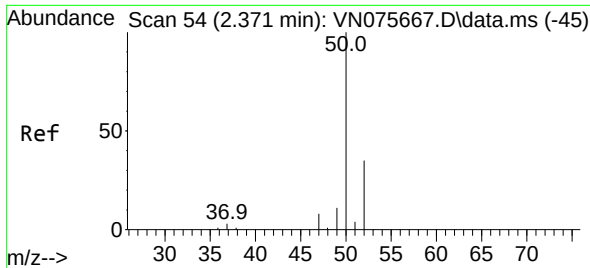
Reviewed By :John Carlone 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 47.233 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion: 85 Resp: 71663
Ion Ratio Lower Upper
85 100
87 31.1 16.1 48.2





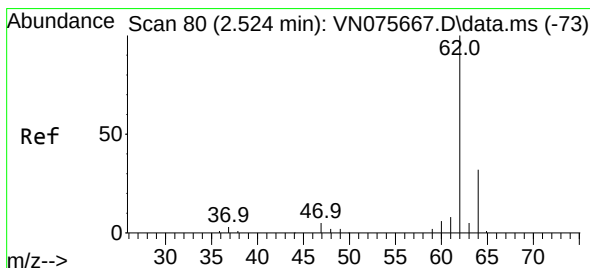
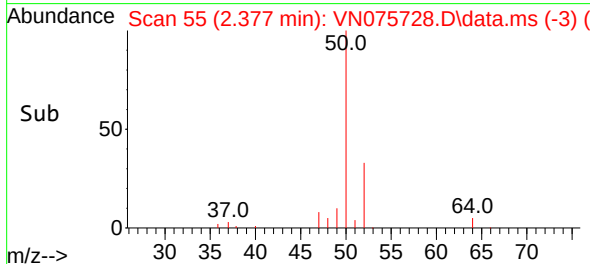
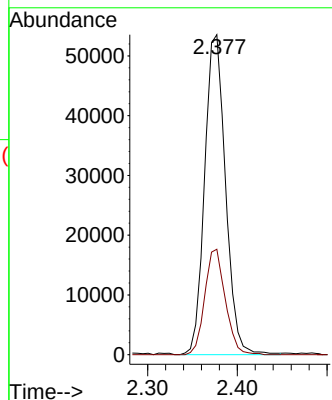
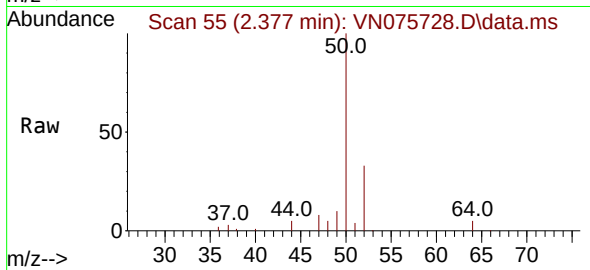
#3
Chloromethane
Concen: 47.971 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

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Tgt Ion: 50 Resp: 86710
Ion Ratio Lower Upper
50 100
52 33.0 27.9 41.9

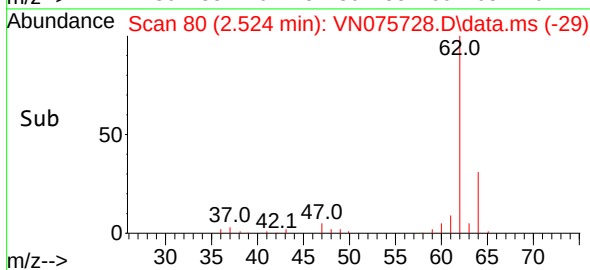
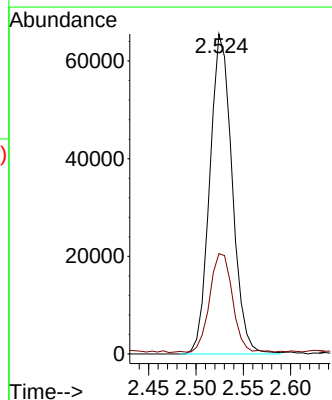
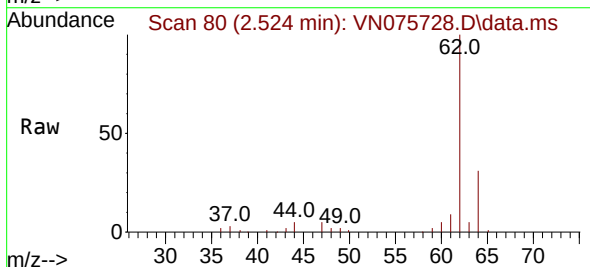
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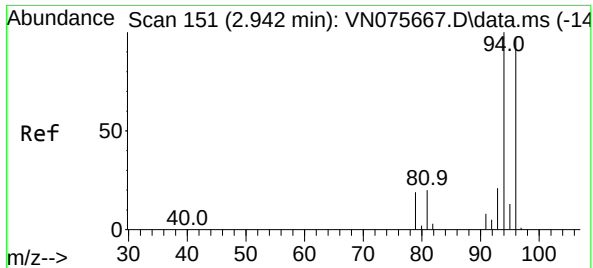
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 48.433 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

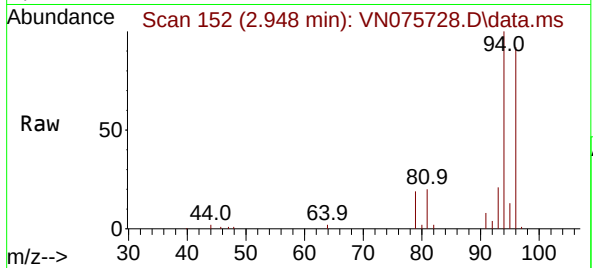
Tgt Ion: 62 Resp: 107544
Ion Ratio Lower Upper
62 100
64 30.5 25.9 38.9





#5
Bromomethane
Concen: 46.690 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

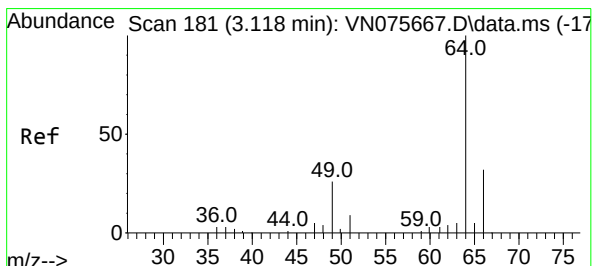
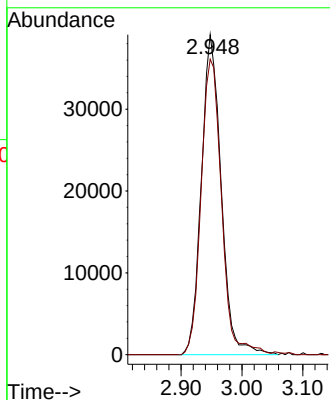
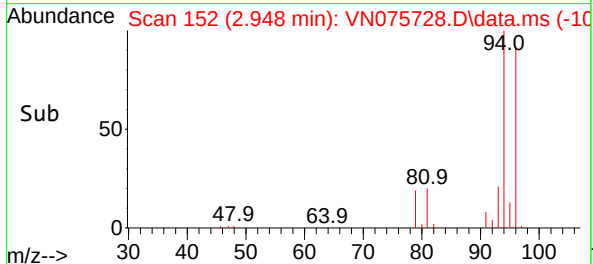
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Tgt Ion: 94 Resp: 88299
Ion Ratio Lower Upper
94 100
96 92.3 77.6 116.4

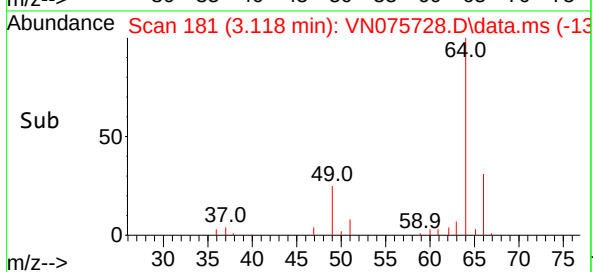
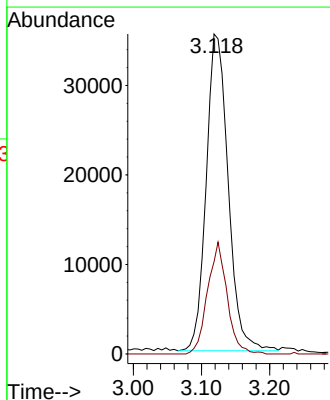
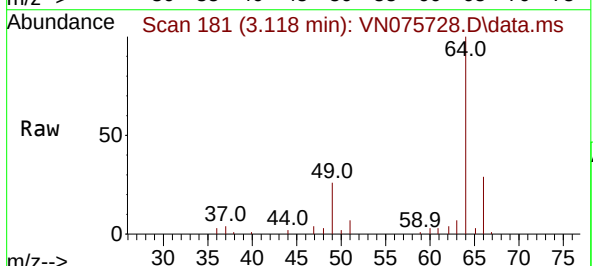
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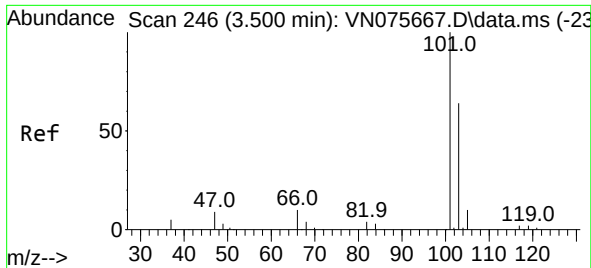
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 47.984 ug/l
RT: 3.118 min Scan# 181
Delta R.T. 0.000 min
Lab File: VN075728.D
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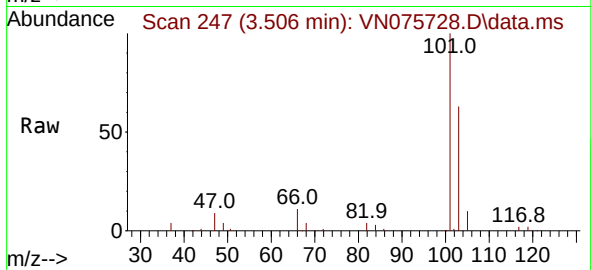
Tgt Ion: 64 Resp: 79498
Ion Ratio Lower Upper
64 100
66 29.1 25.7 38.5





#7
 Trichlorofluoromethane
 Concen: 50.161 ug/l
 RT: 3.506 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VN075728.D
 Acq: 12 Dec 2022 21:16

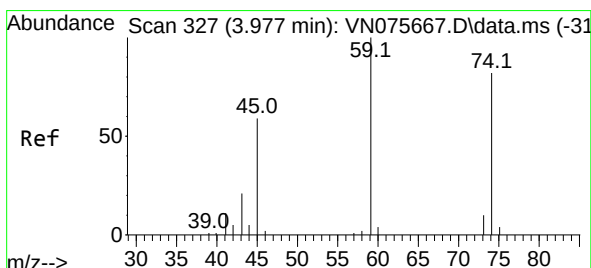
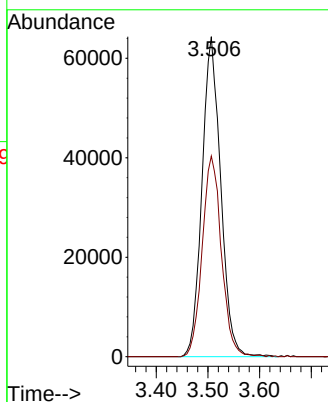
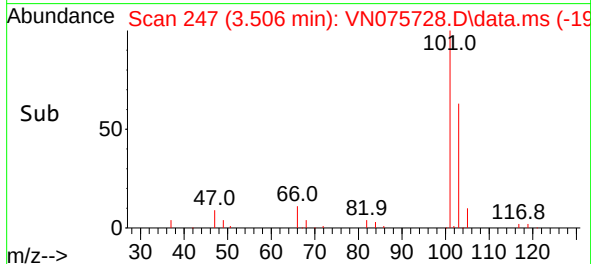
Instrument :
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Tgt Ion:101 Resp: 16160
 Ion Ratio Lower Upper
 101 100
 103 62.7 51.4 77.2

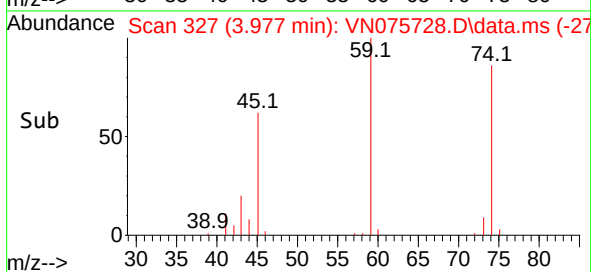
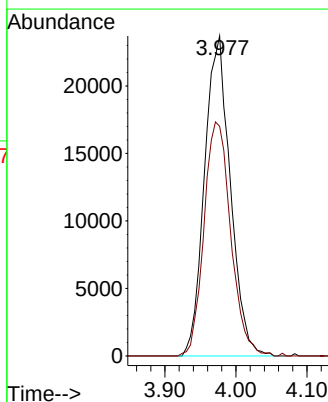
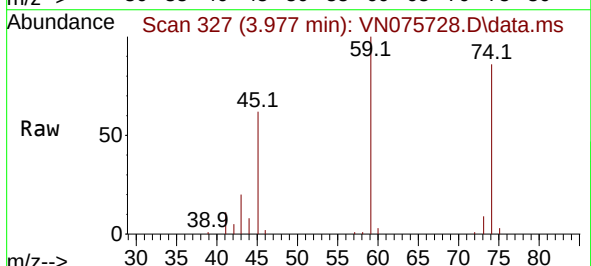
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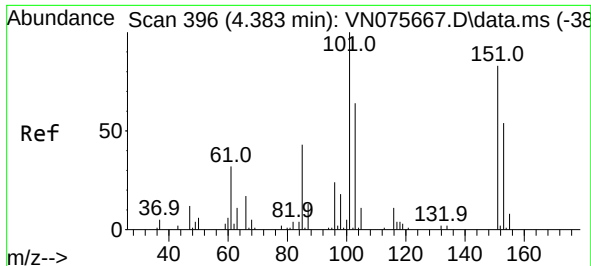
Reviewed By :John Carlone 12/13/2022
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#8
 Diethyl Ether
 Concen: 50.789 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075728.D
 Acq: 12 Dec 2022 21:16

Tgt Ion: 74 Resp: 59819
 Ion Ratio Lower Upper
 74 100
 45 75.9 36.8 110.4





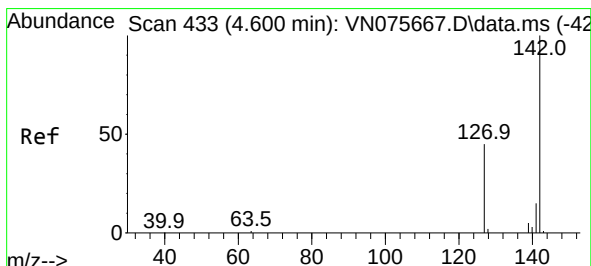
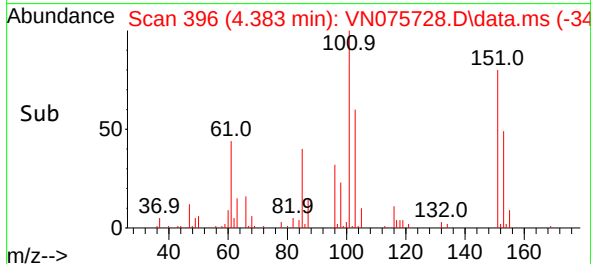
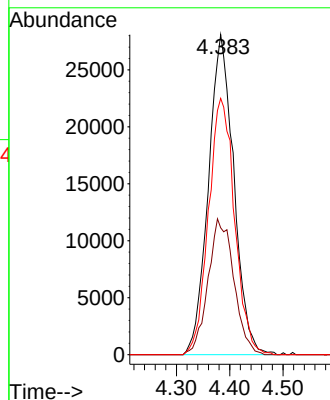
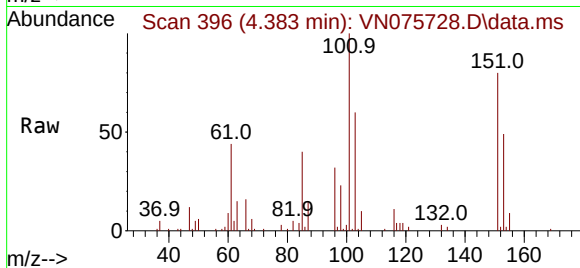
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.263 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion:101 Resp: 9314
Ion Ratio Lower Upper
101 100
85 43.2 35.3 52.9
151 82.1 65.6 98.4

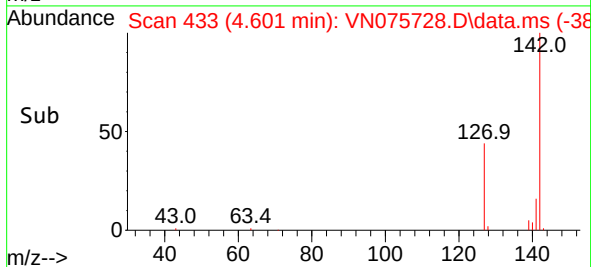
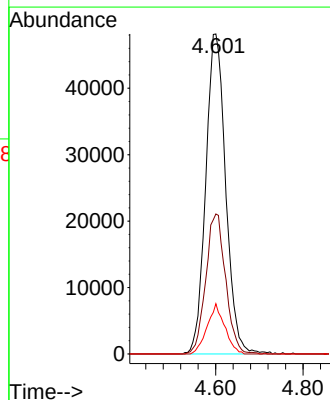
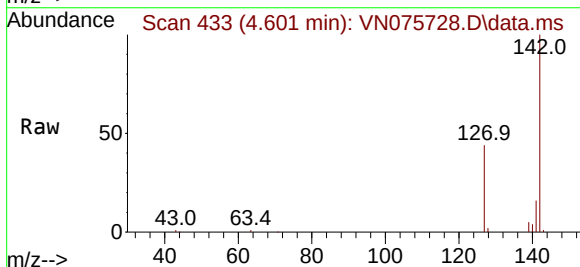
Manual Integrations
APPROVED

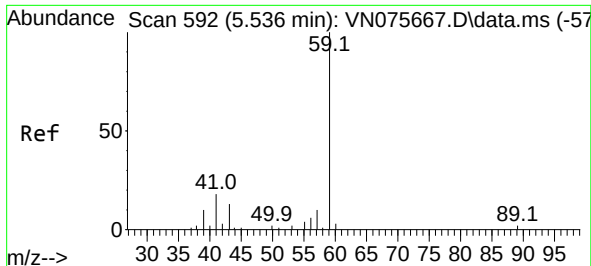
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 49.465 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

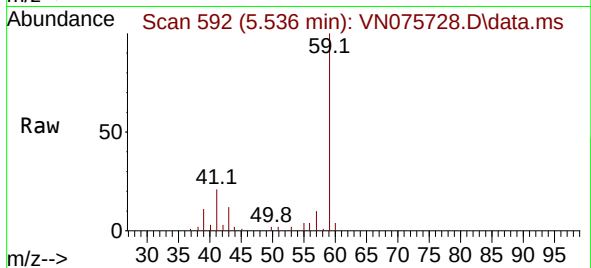
Tgt Ion:142 Resp: 152833
Ion Ratio Lower Upper
142 100
127 43.5 35.0 52.4
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 196.056 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

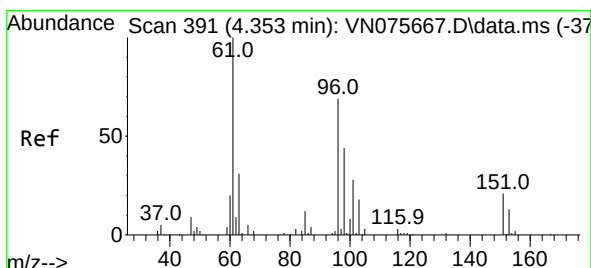
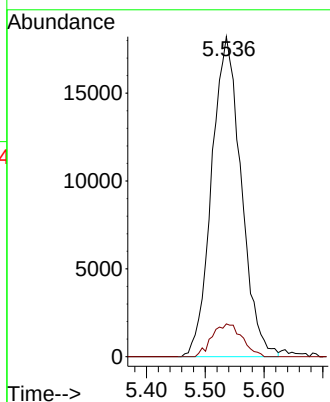
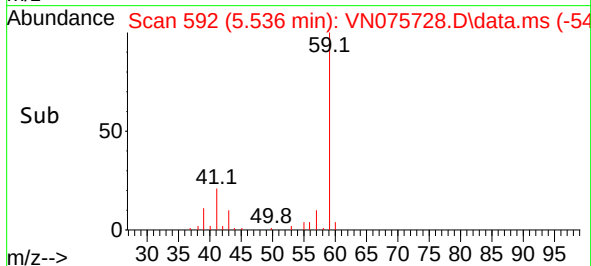
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



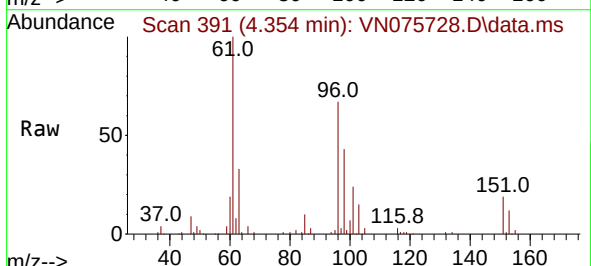
Tgt Ion: 59 Resp: 63484
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

Manual Integrations
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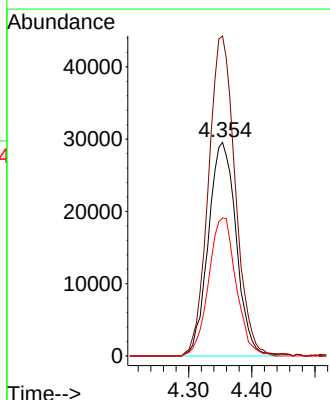
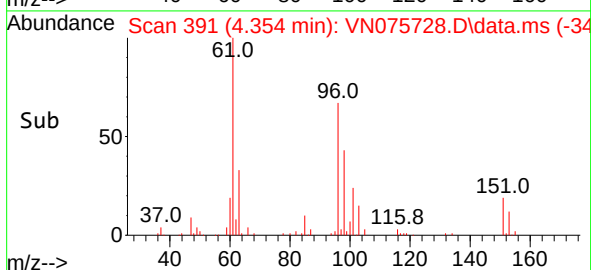
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

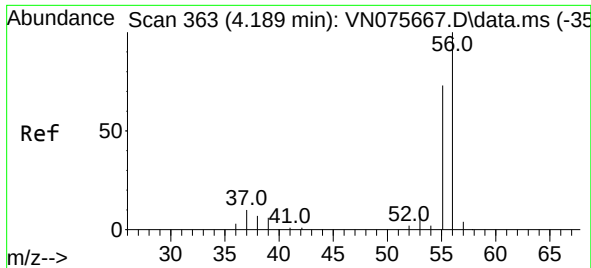


#12
1,1-Dichloroethene
Concen: 51.224 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



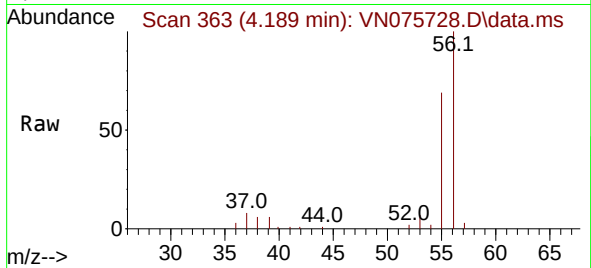
Tgt Ion: 96 Resp: 90525
Ion Ratio Lower Upper
96 100
61 149.8 116.8 175.2
98 64.6 51.6 77.4





#13
Acrolein
Concen: 281.616 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

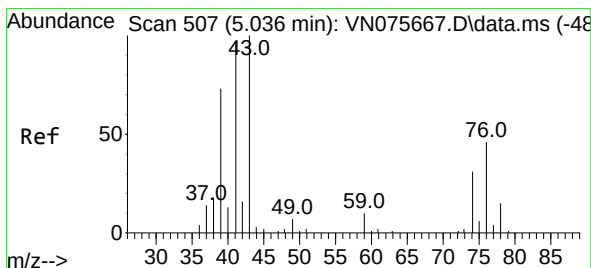
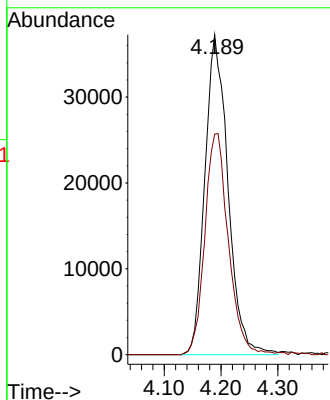
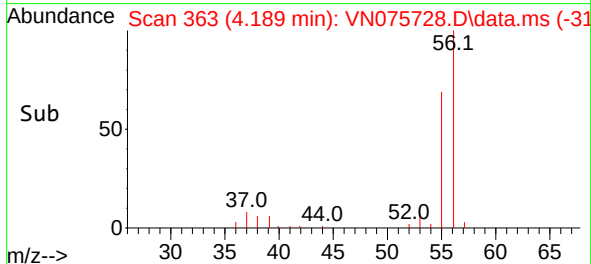
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



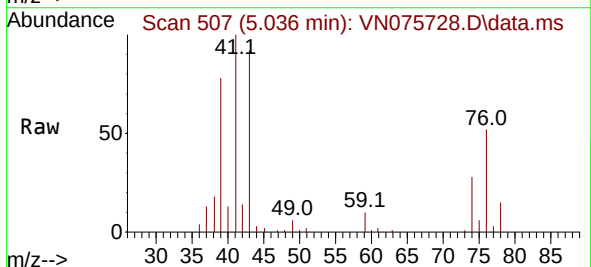
Tgt Ion: 56 Resp: 10502
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5

Manual Integrations
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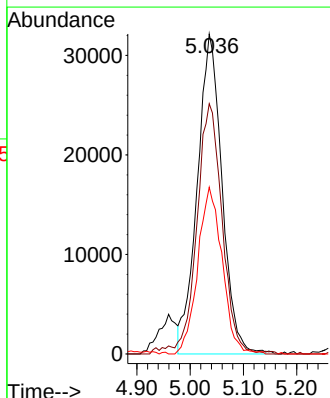
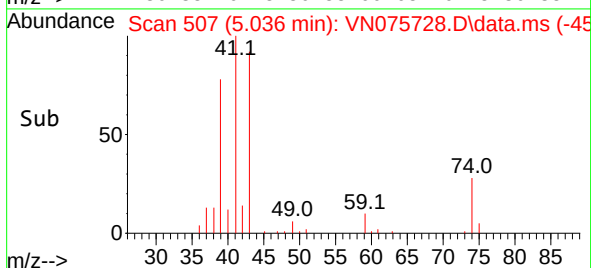
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

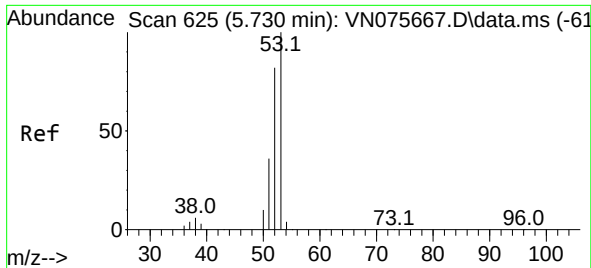


#14
Allyl chloride
Concen: 47.135 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



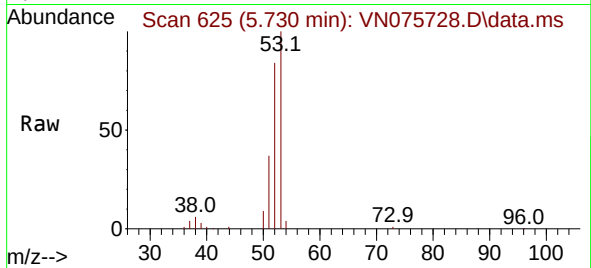
Tgt Ion: 41 Resp: 103733
Ion Ratio Lower Upper
41 100
39 78.0 64.6 96.8
76 51.4 40.9 61.3





#15
Acrylonitrile
Concen: 246.298 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

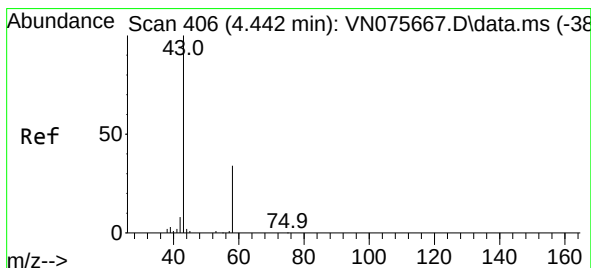
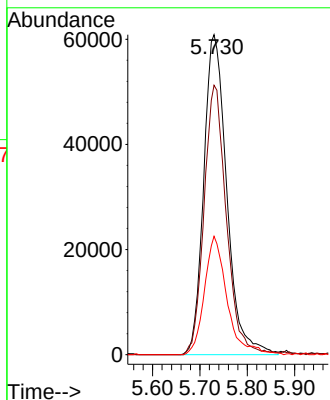
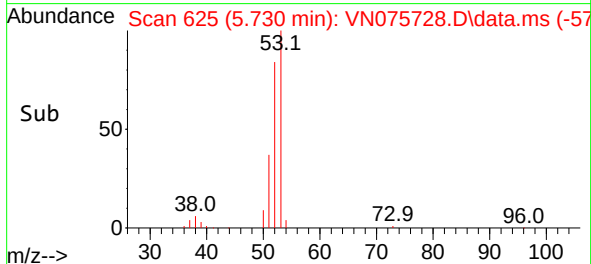
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 53 Resp: 206002
Ion Ratio Lower Upper
53 100
52 81.6 65.0 97.4
51 36.3 28.9 43.3

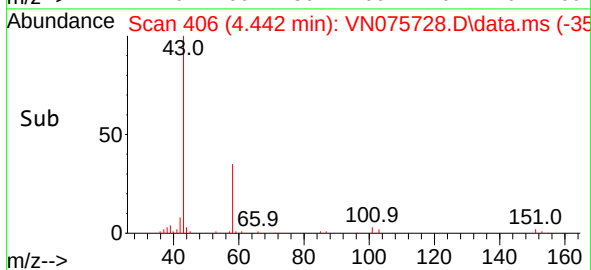
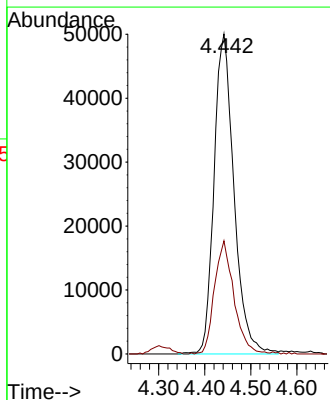
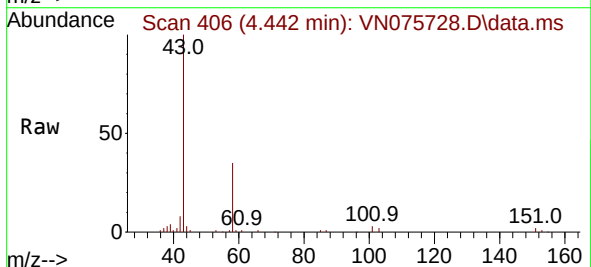
Manual Integrations
APPROVED

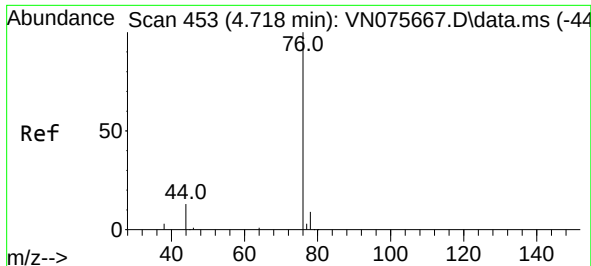
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 202.785 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion: 43 Resp: 150313
Ion Ratio Lower Upper
43 100
58 34.9 27.0 40.4





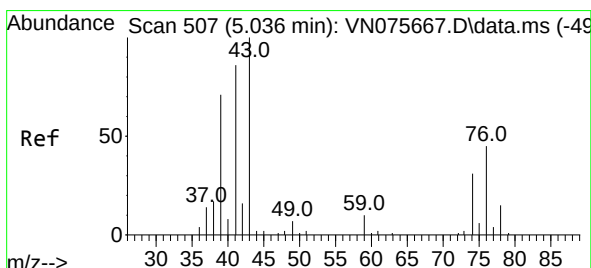
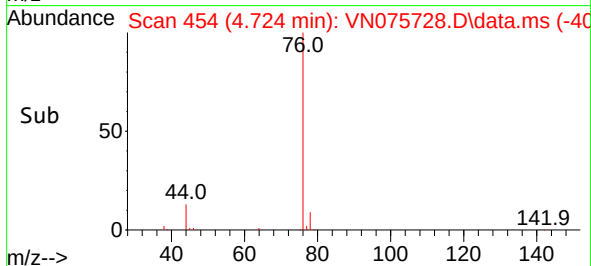
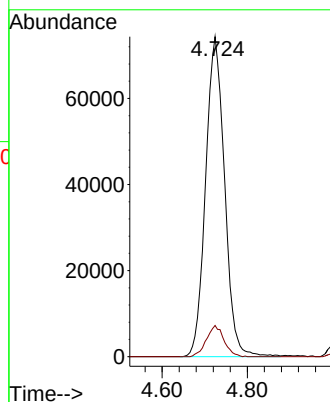
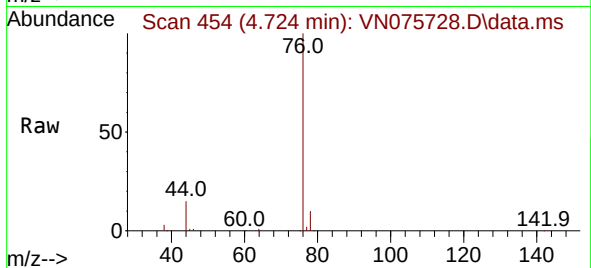
#17
Carbon Disulfide
Concen: 49.173 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 76 Resp: 22994
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

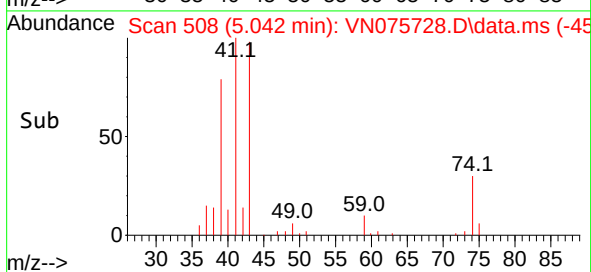
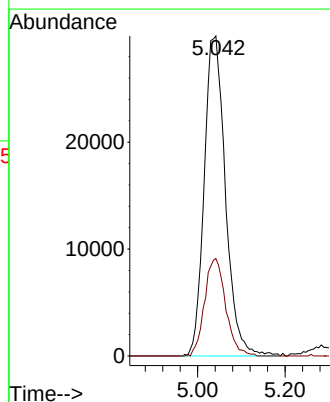
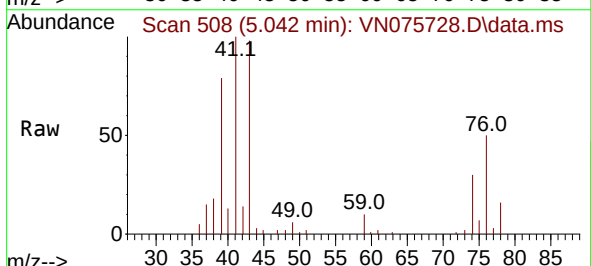
Manual Integrations
APPROVED

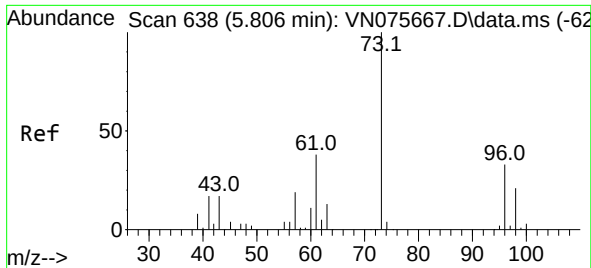
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 42.502 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion: 43 Resp: 101234
Ion Ratio Lower Upper
43 100
74 30.2 24.5 36.7





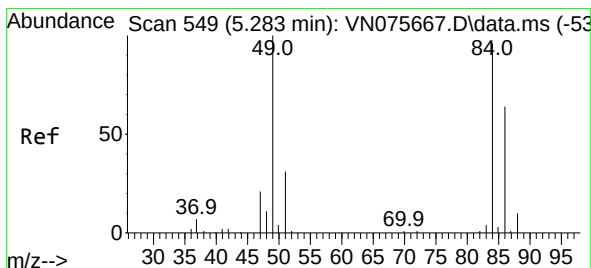
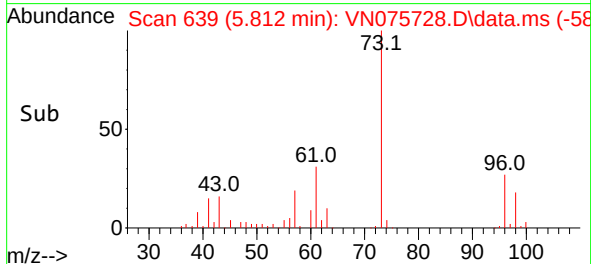
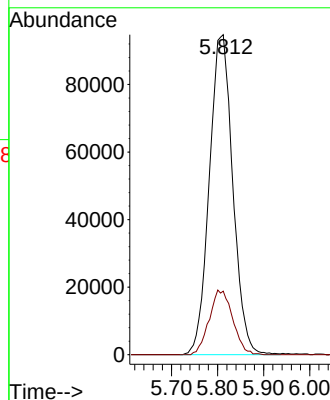
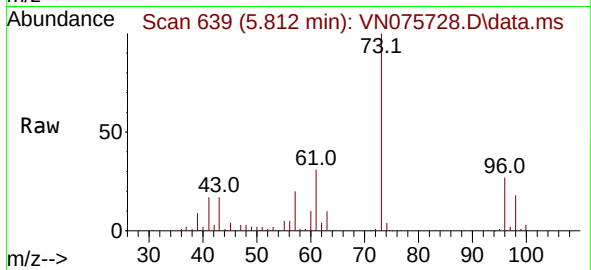
#19
Methyl tert-butyl Ether
Concen: 56.369 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 73 Resp: 33509
Ion Ratio Lower Upper
73 100
57 19.8 15.1 22.7

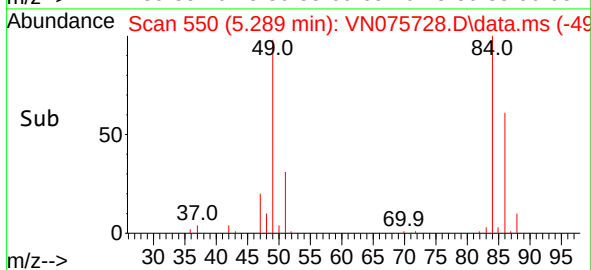
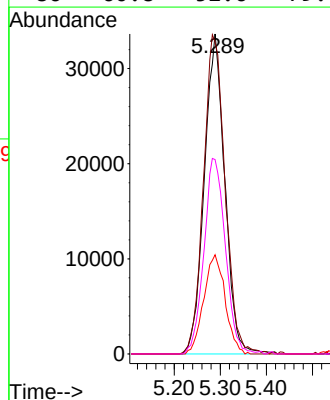
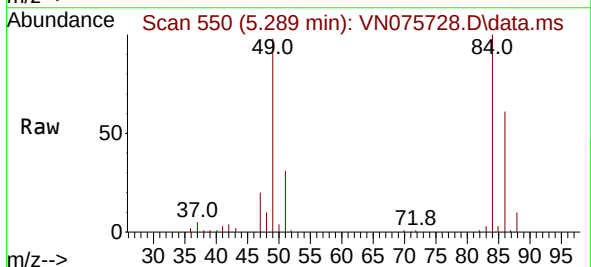
Manual Integrations
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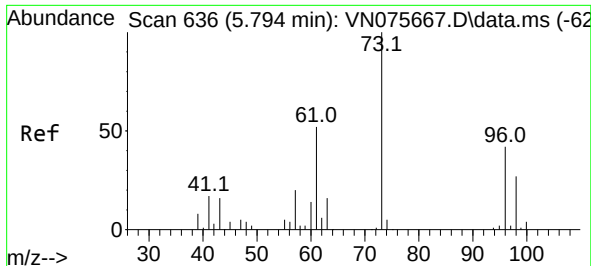
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 47.206 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

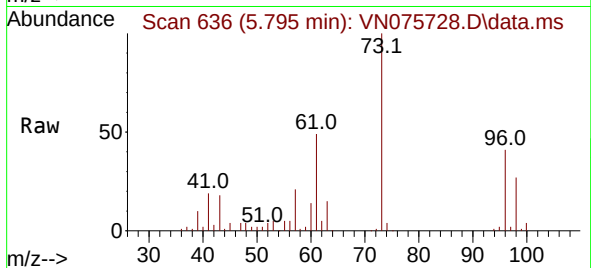
Tgt Ion: 84 Resp: 104312
Ion Ratio Lower Upper
84 100
49 97.5 83.0 124.4
51 31.0 26.0 39.0
86 60.8 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 50.266 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

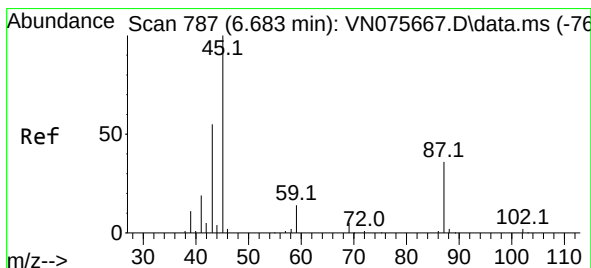
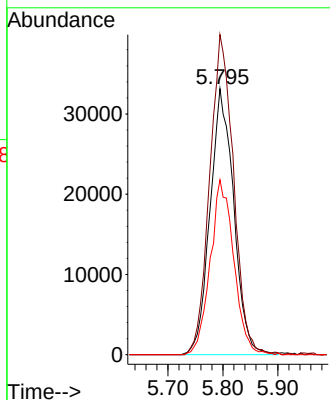
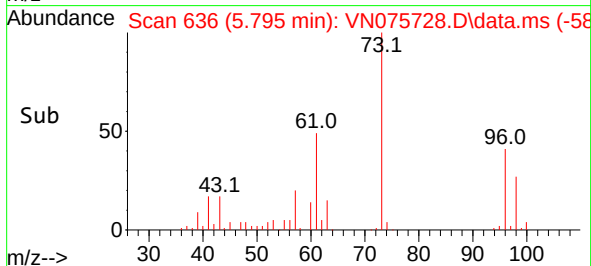
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



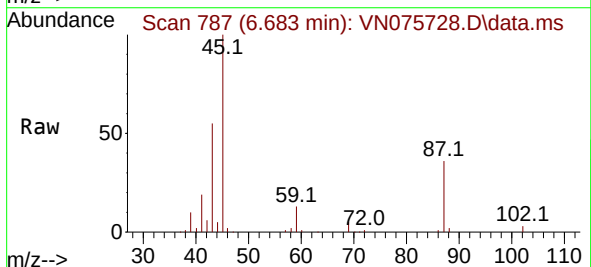
Tgt Ion: 96 Resp: 9927
Ion Ratio Lower Upper
96 100
61 120.2 100.5 150.7
98 65.7 52.7 79.1

Manual Integrations
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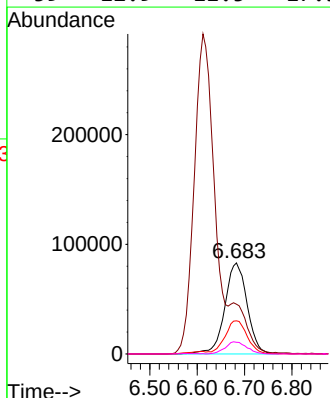
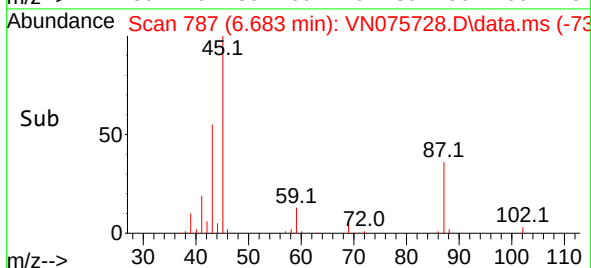
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

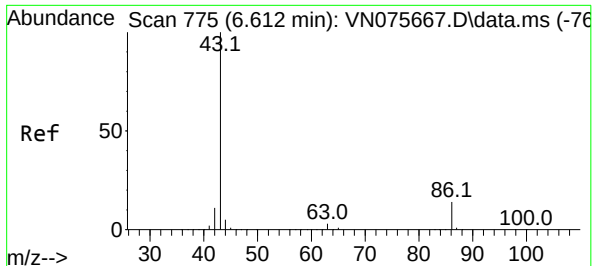


#22
Diisopropyl ether
Concen: 54.266 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



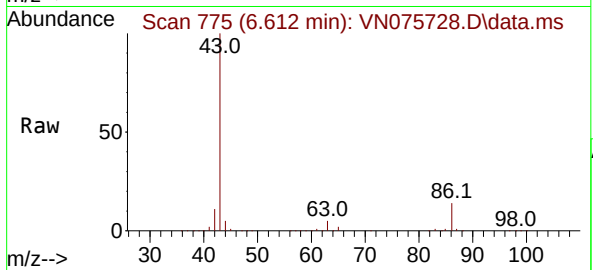
Tgt Ion: 45 Resp: 271726
Ion Ratio Lower Upper
45 100
43 53.4 44.9 67.3
87 36.2 28.8 43.2
59 12.9 11.5 17.3





#23
 Vinyl Acetate
 Concen: 255.585 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075728.D
 Acq: 12 Dec 2022 21:16

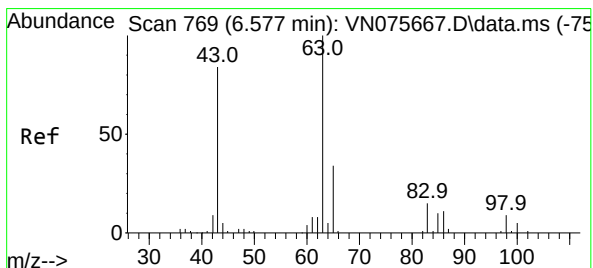
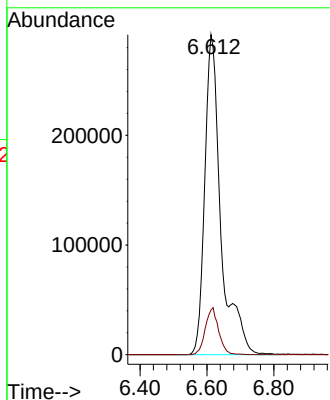
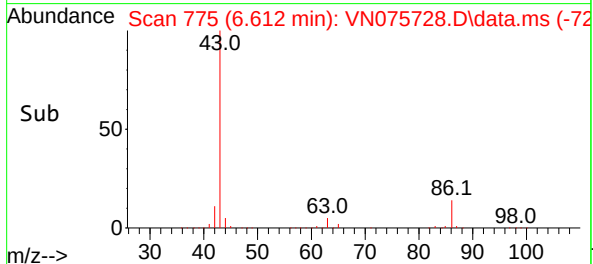
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS



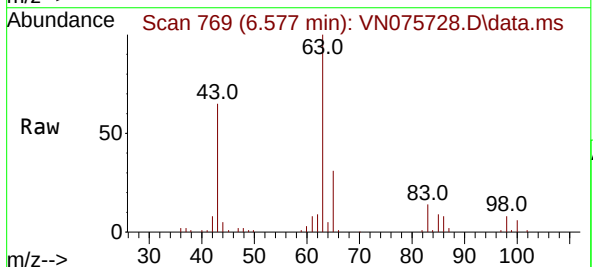
Tgt Ion: 43 Resp: 97588
 Ion Ratio Lower Upper
 43 100
 86 14.0 11.5 17.3

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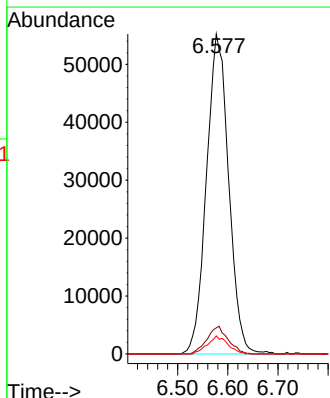
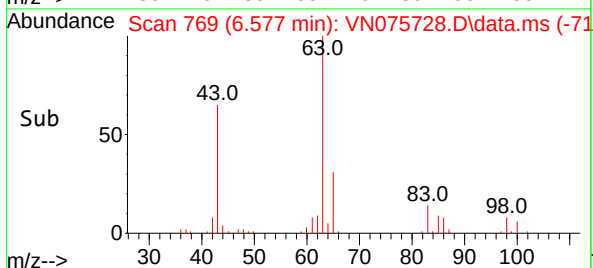
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

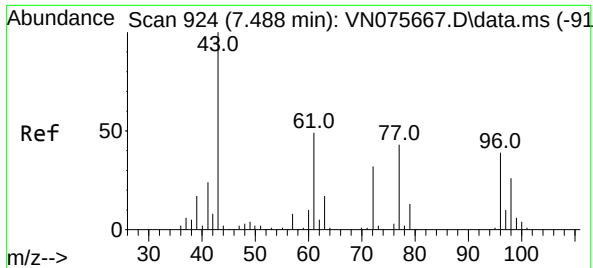


#24
 1,1-Dichloroethane
 Concen: 51.628 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075728.D
 Acq: 12 Dec 2022 21:16



Tgt Ion: 63 Resp: 170168
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 12.9
 100 5.6 2.6 7.8





#25

2-Butanone

Concen: 231.047 ug/l

RT: 7.489 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 43 Resp: 250360

Ion Ratio Lower Upper

43 100

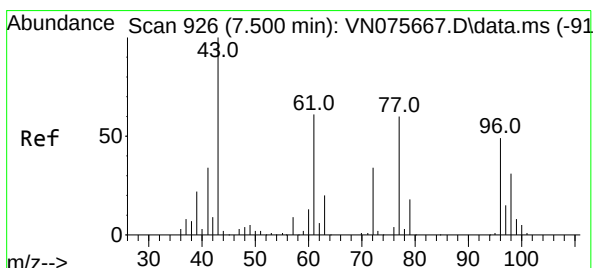
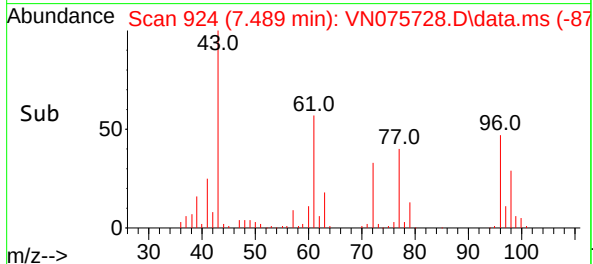
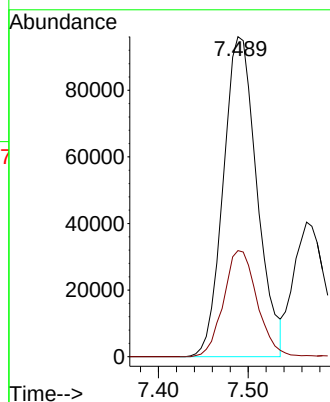
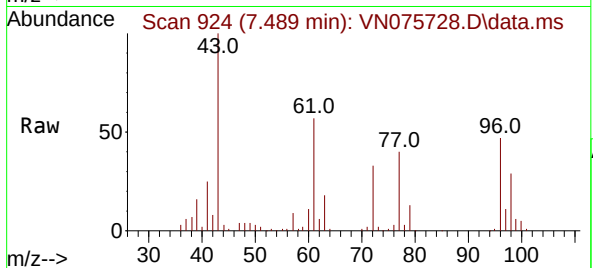
72 33.2 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 46.624 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075728.D

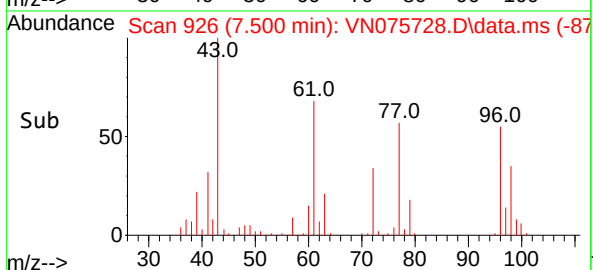
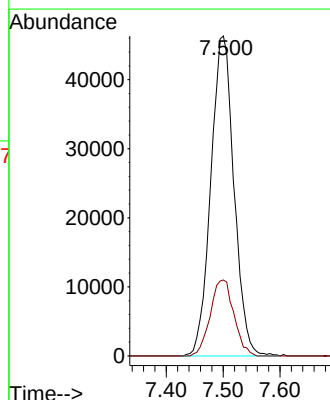
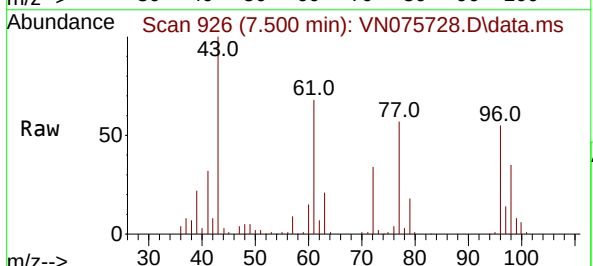
Acq: 12 Dec 2022 21:16

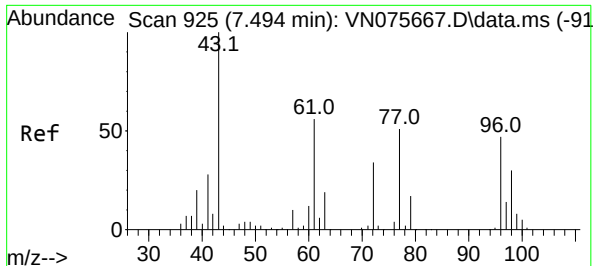
Tgt Ion: 77 Resp: 131066

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 50.974 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 96 Resp: 122214

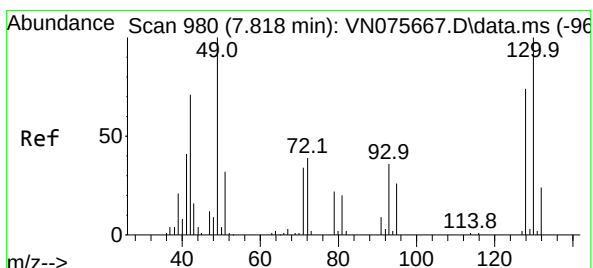
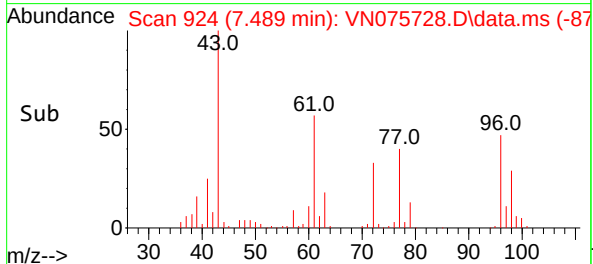
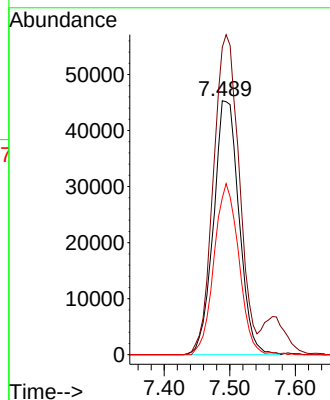
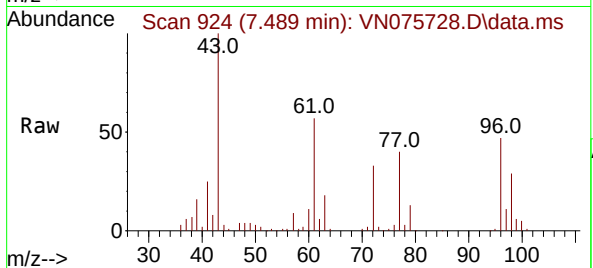
Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	247.8
98	65.8	0.0	126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

Bromochloromethane

Concen: 51.610 ug/l

RT: 7.818 min Scan# 980

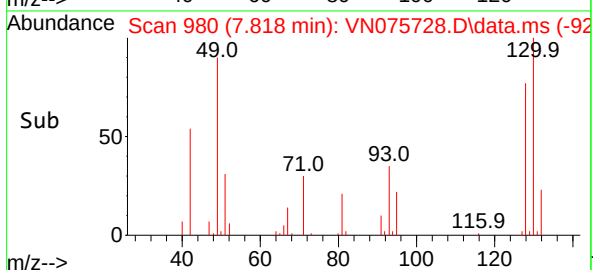
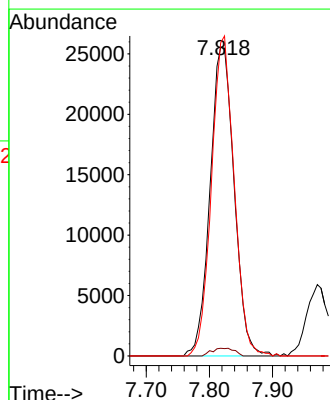
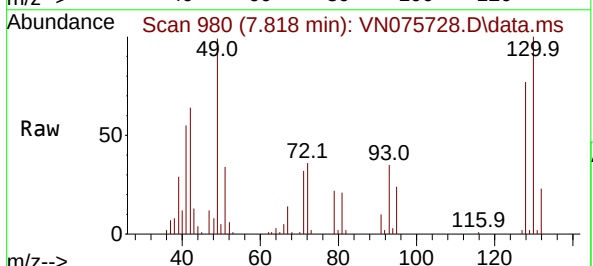
Delta R.T. 0.000 min

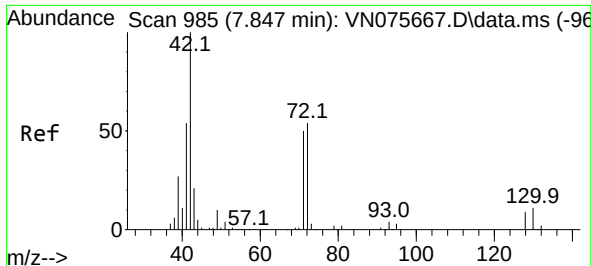
Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Tgt Ion: 49 Resp: 68014

Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.4
130	96.8	78.5	117.7





#29

Tetrahydrofuran

Concen: 248.406 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 42 Resp: 165908

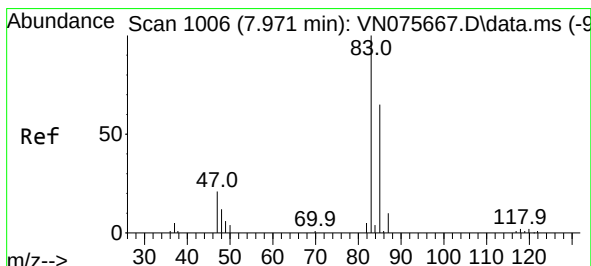
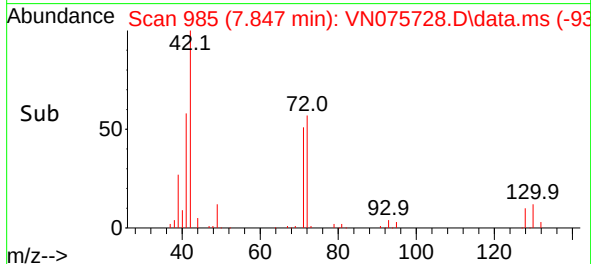
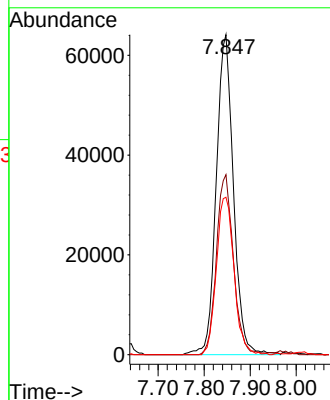
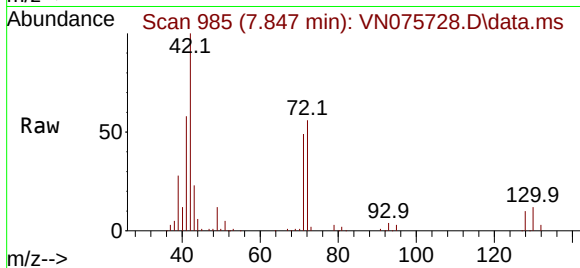
Ion	Ratio	Lower	Upper
42	100		
72	55.5	44.6	67.0
71	50.5	41.2	61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

Chloroform

Concen: 52.400 ug/l

RT: 7.971 min Scan# 1006

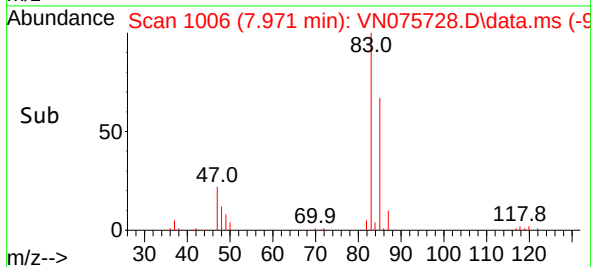
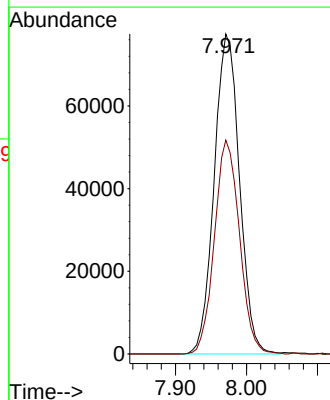
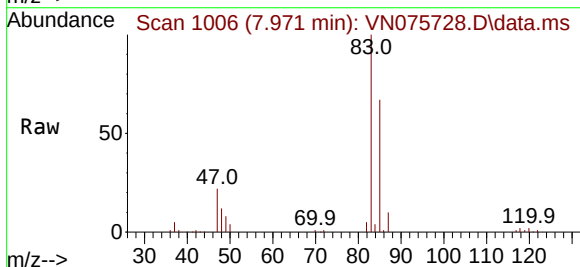
Delta R.T. 0.000 min

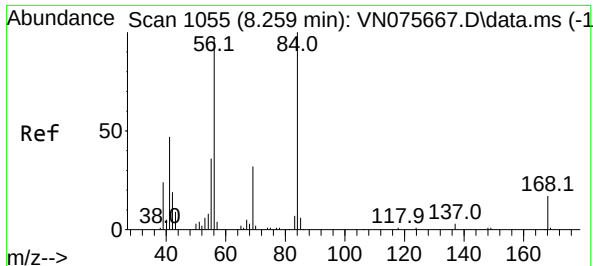
Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Tgt Ion: 83 Resp: 191303

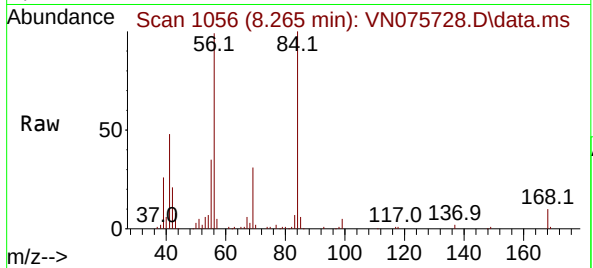
Ion	Ratio	Lower	Upper
83	100		
85	66.8	51.8	77.6





#31
Cyclohexane
Concen: 47.234 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

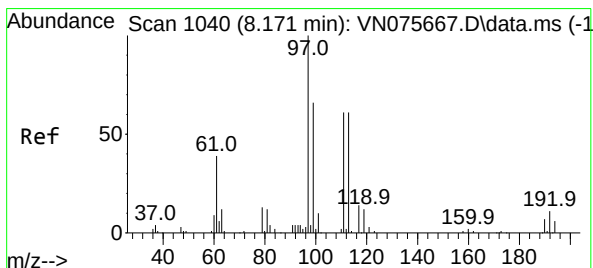
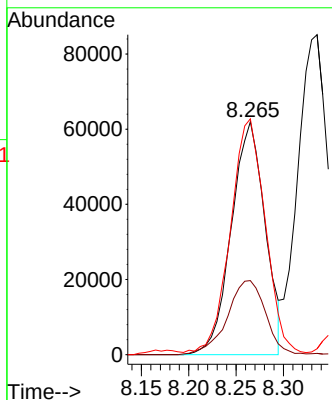
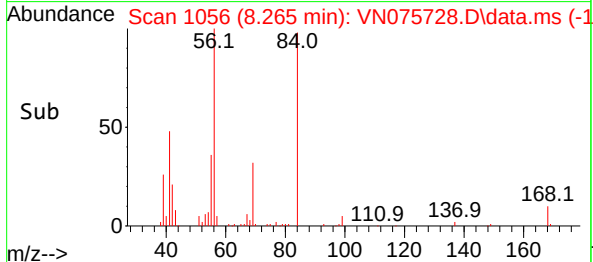
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



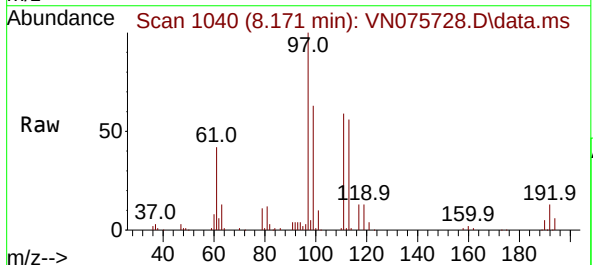
Tgt Ion: 56 Resp: 15307
Ion Ratio Lower Upper
56 100
69 31.8 26.2 39.2
84 99.9 82.8 124.2

Manual Integrations
APPROVED

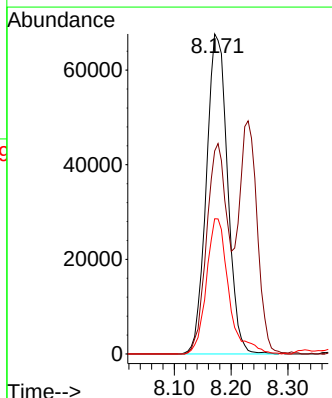
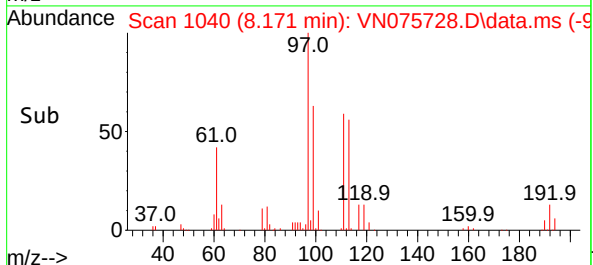
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

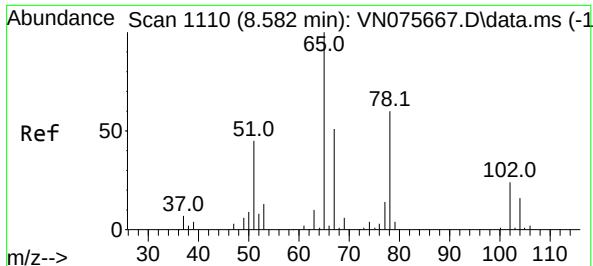


#32
1,1,1-Trichloroethane
Concen: 52.021 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



Tgt Ion: 97 Resp: 175219
Ion Ratio Lower Upper
97 100
99 63.8 51.2 76.8
61 44.5 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 44.996 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 65 Resp: 98486

Ion Ratio Lower Upper

65 100

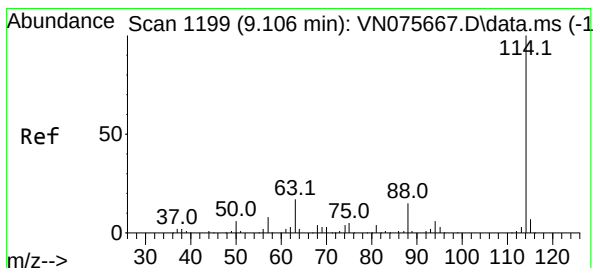
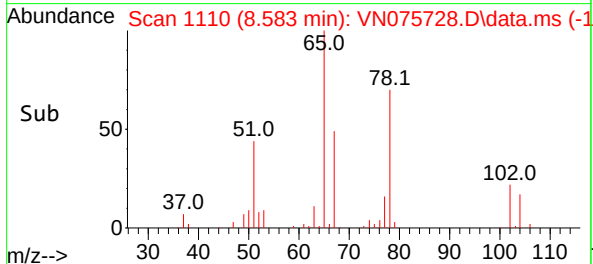
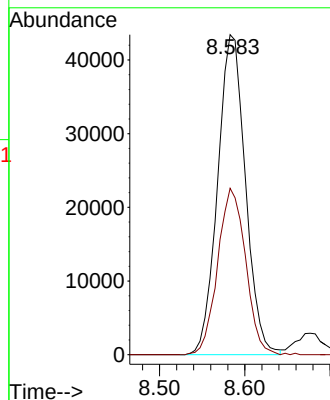
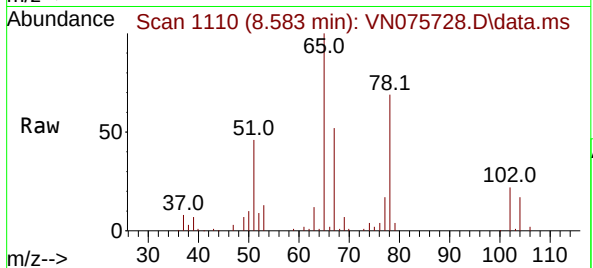
67 52.2 0.0 104.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

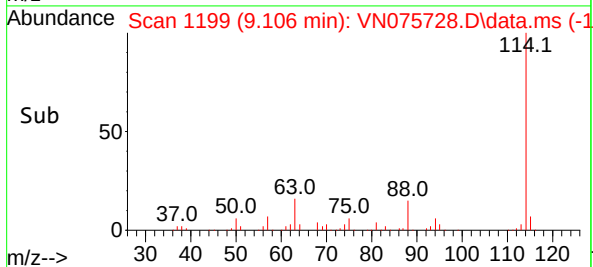
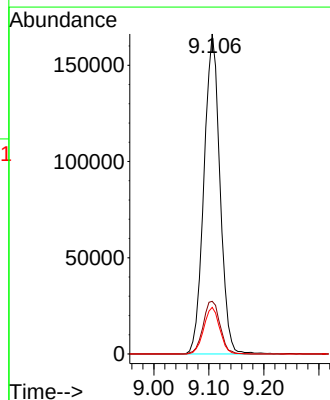
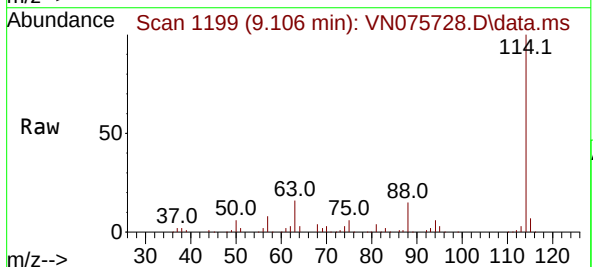
Tgt Ion:114 Resp: 335895

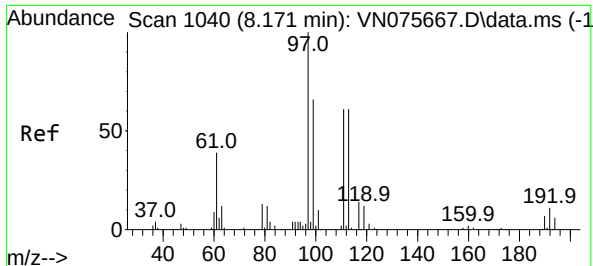
Ion Ratio Lower Upper

114 100

63 16.5 0.0 34.4

88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 43.904 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

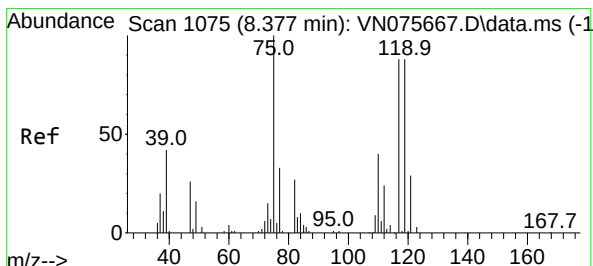
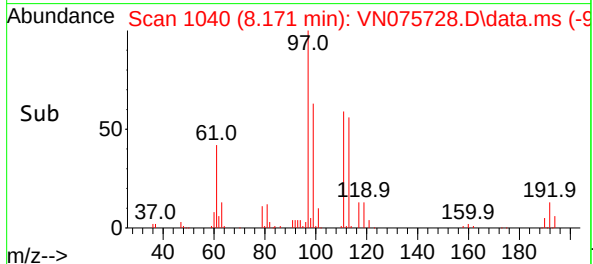
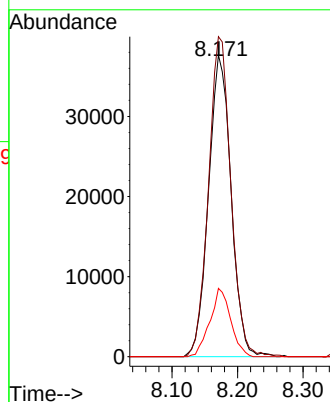
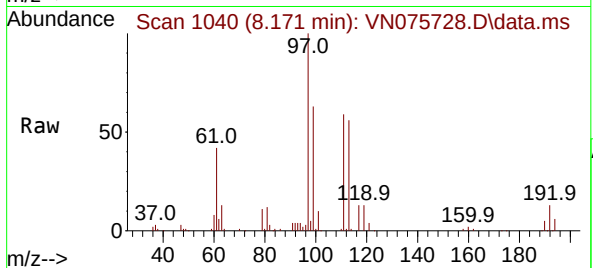
Tgt Ion:	113	Resp:	89974
Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.0	121.6
192	20.9	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 51.055 ug/l

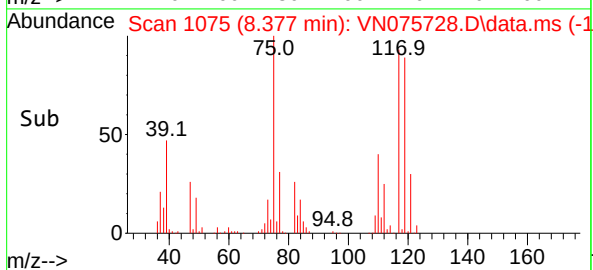
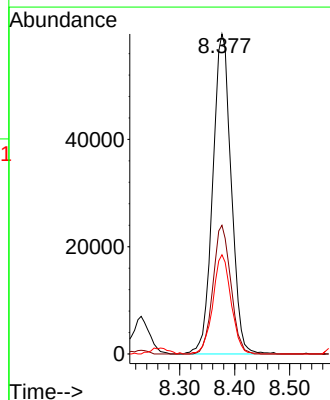
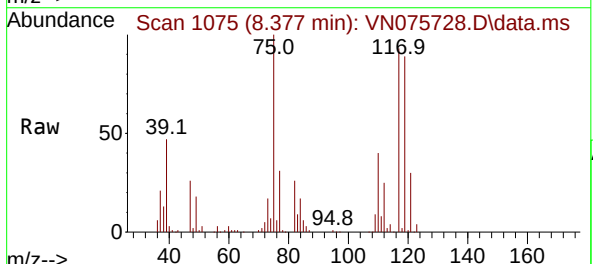
RT: 8.377 min Scan# 1075

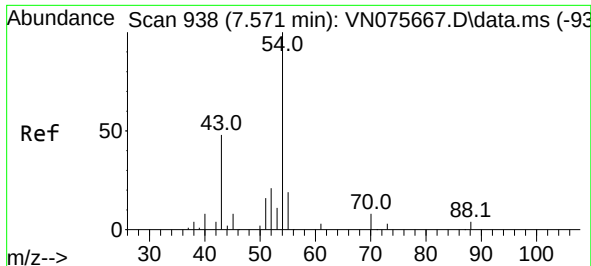
Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Tgt Ion:	75	Resp:	138932
Ion	Ratio	Lower	Upper
75	100		
110	39.0	18.9	56.9
77	30.6	25.4	38.2





#37

Ethyl Acetate

Concen: 46.553 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 43 Resp: 101710

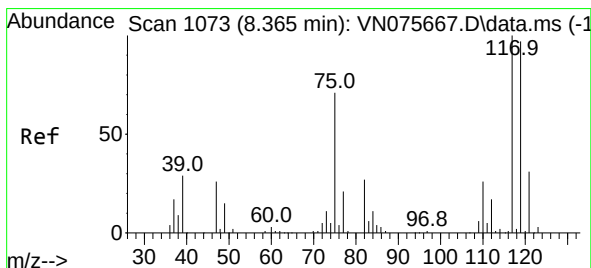
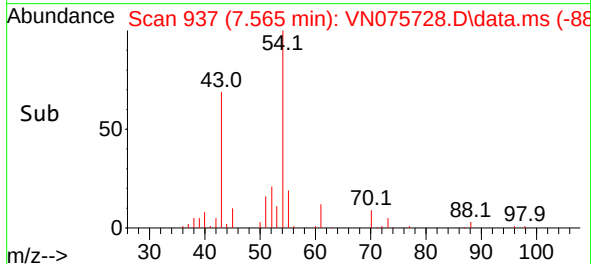
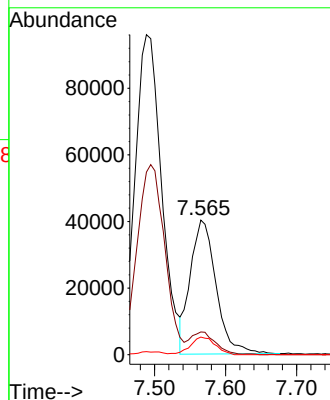
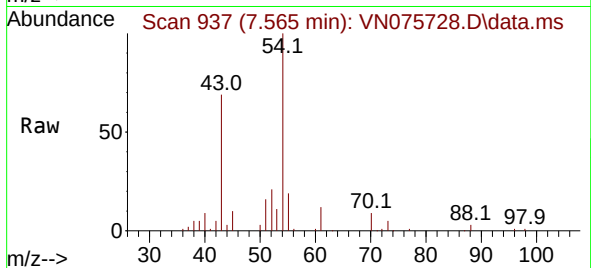
Ion	Ratio	Lower	Upper
43	100		
61	15.8	13.3	19.9
70	12.4	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#38

Carbon Tetrachloride

Concen: 49.836 ug/l

RT: 8.371 min Scan# 1074

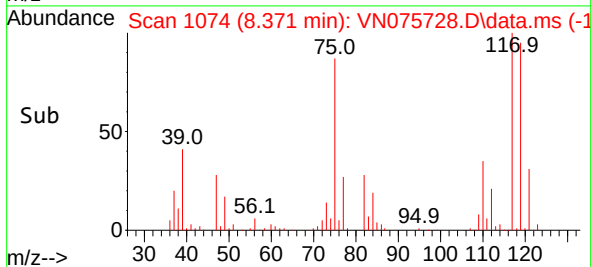
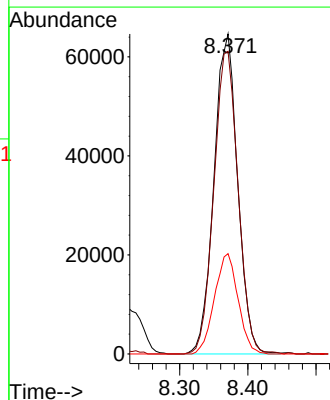
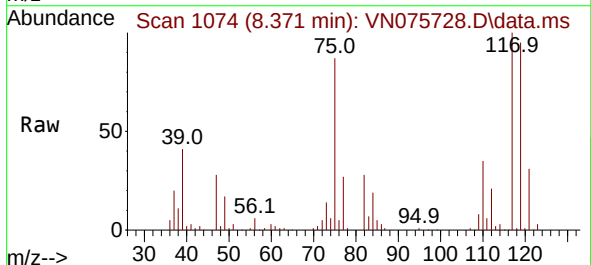
Delta R.T. 0.006 min

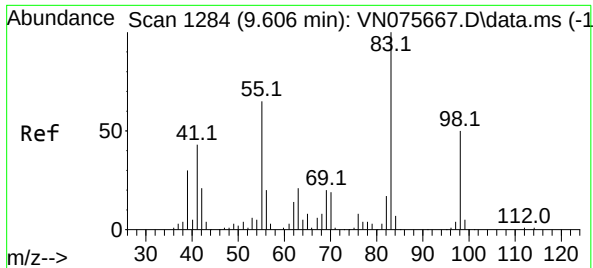
Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Tgt Ion:117 Resp: 156493

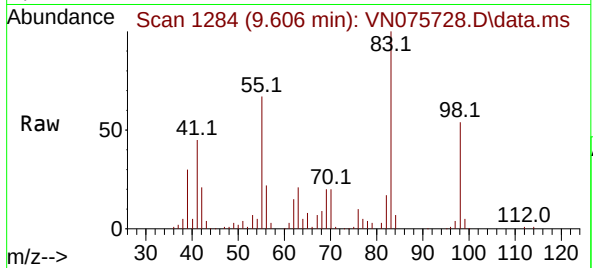
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.2	115.8
121	31.4	24.6	37.0





#39
Methylcyclohexane
Concen: 52.534 ug/l
RT: 9.606 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

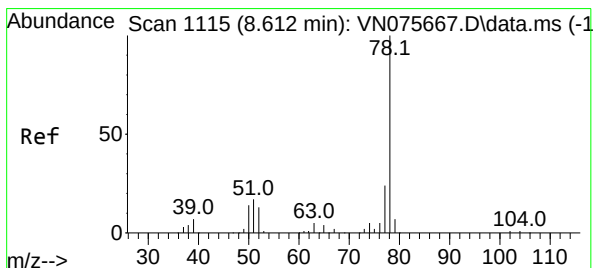
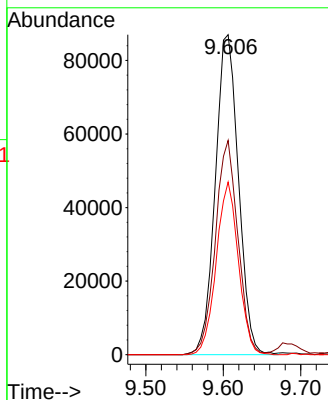
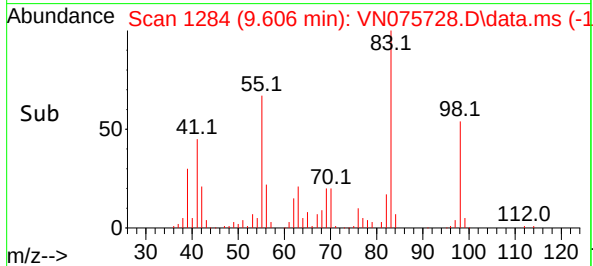
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 83 Resp: 181275
Ion Ratio Lower Upper
83 100
55 67.0 51.6 77.4
98 54.0 39.8 59.8

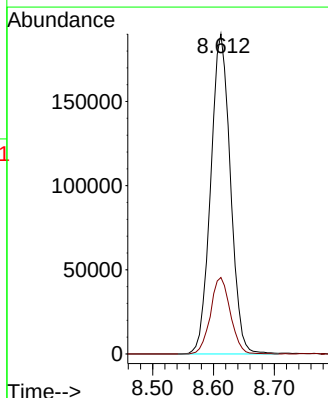
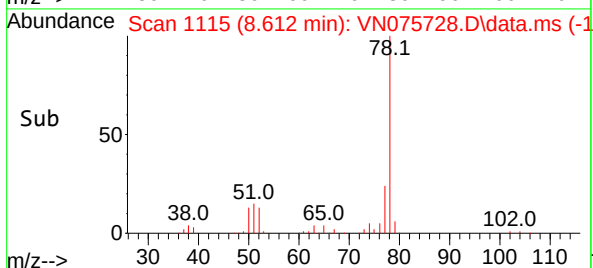
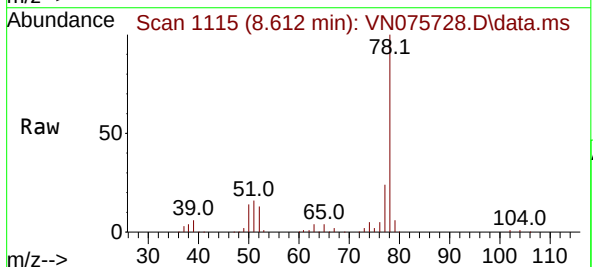
Manual Integrations
APPROVED

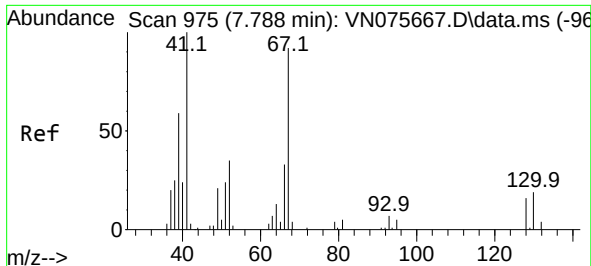
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#40
Benzene
Concen: 51.155 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

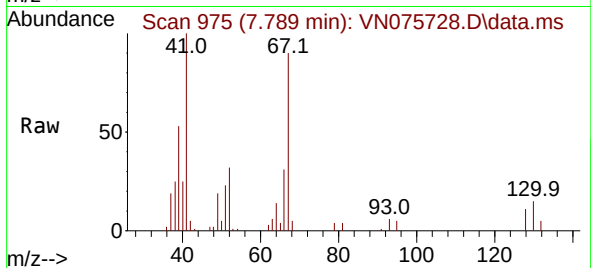
Tgt Ion: 78 Resp: 427205
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41
Methacrylonitrile
Concen: 52.050 ug/l
RT: 7.789 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

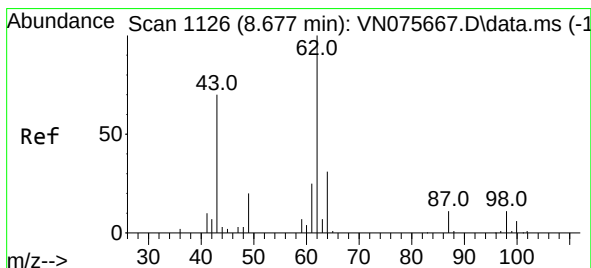
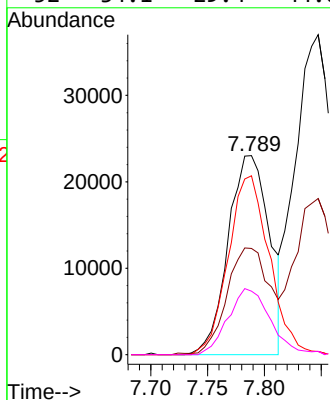
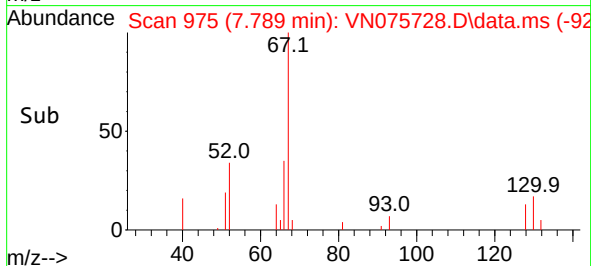
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 41 Resp: 5831
Ion Ratio Lower Upper
41 100
39 55.8 46.3 69.5
67 89.6 74.0 111.0
52 34.1 29.4 44.0

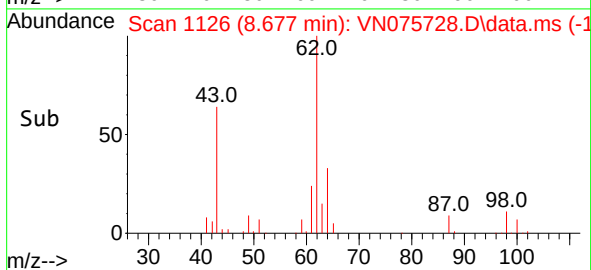
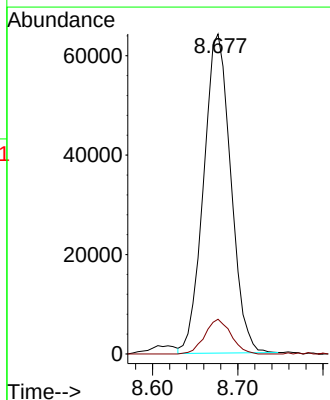
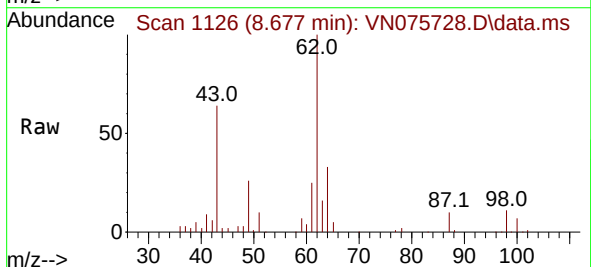
Manual Integrations
APPROVED

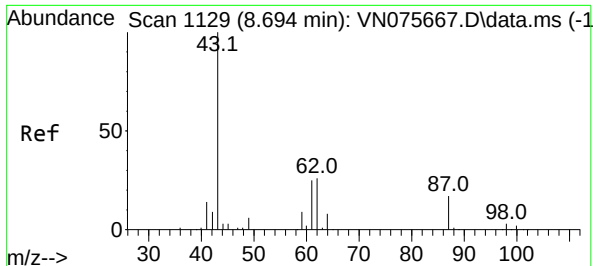
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 51.076 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion: 62 Resp: 142689
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 49.271 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 43 Resp: 179710

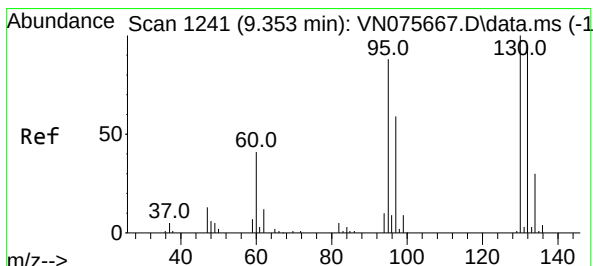
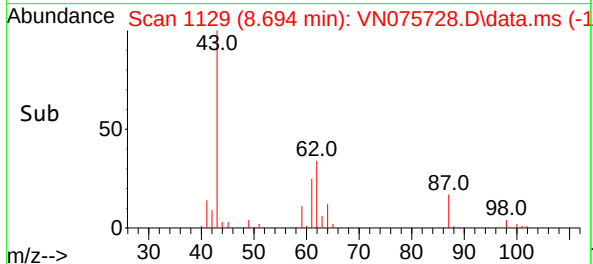
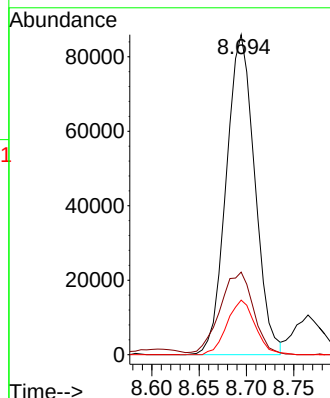
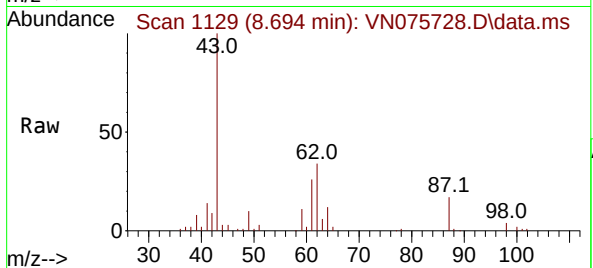
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.8	35.8
87	16.9	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#44

Trichloroethene

Concen: 49.312 ug/l

RT: 9.353 min Scan# 1241

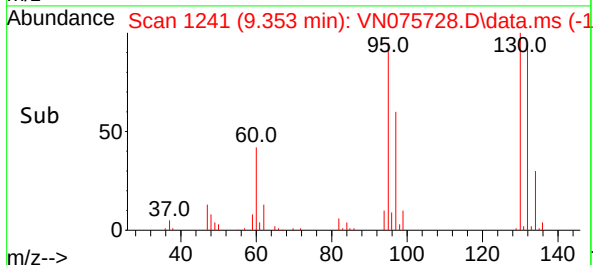
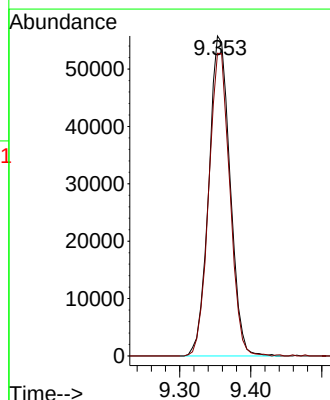
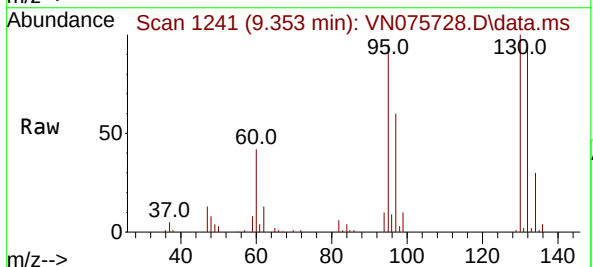
Delta R.T. 0.000 min

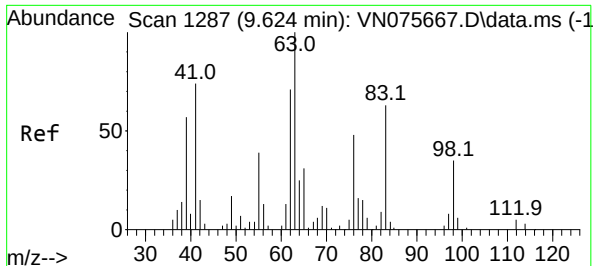
Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Tgt Ion:130 Resp: 116179

Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	176.8





#45

1,2-Dichloropropane

Concen: 51.405 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 63 Resp: 10210

Ion Ratio Lower Upper

63 100

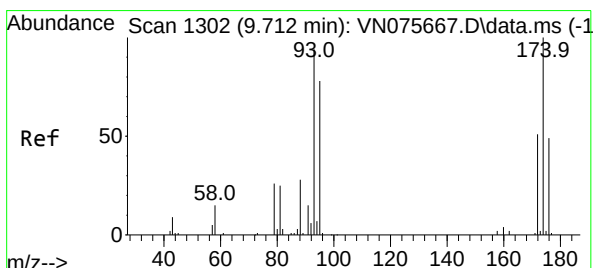
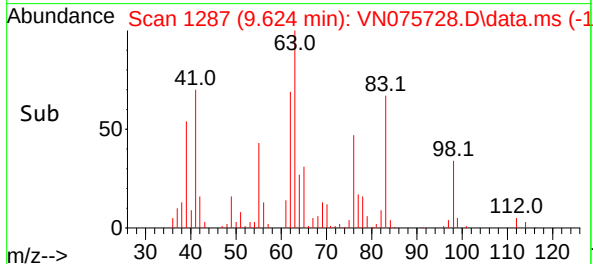
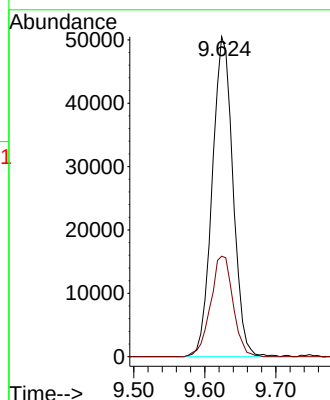
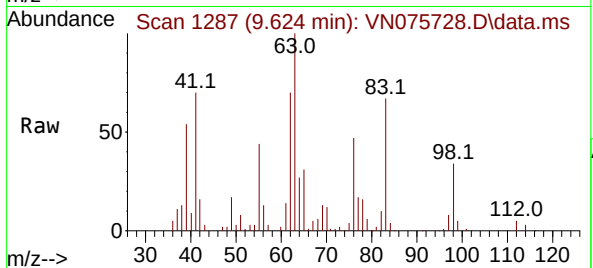
65 31.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 51.756 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

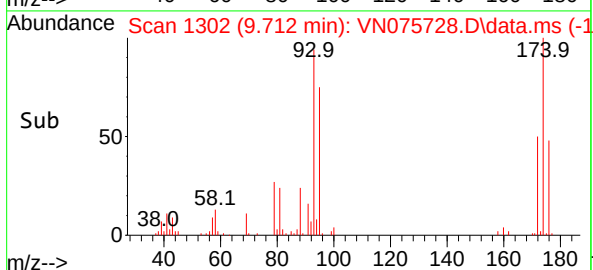
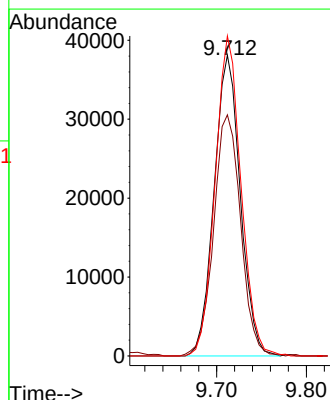
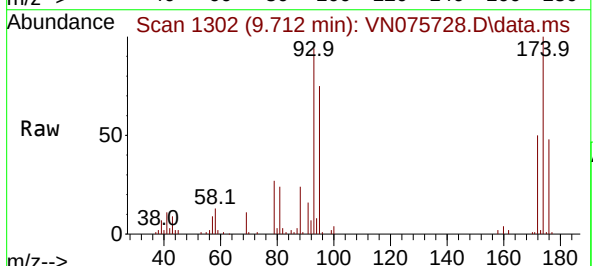
Tgt Ion: 93 Resp: 77179

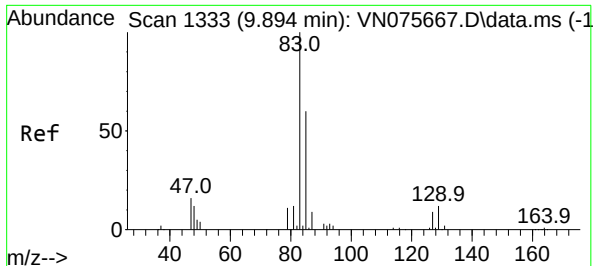
Ion Ratio Lower Upper

93 100

95 82.7 67.3 100.9

174 105.1 85.0 127.6





#47

Bromodichloromethane

Concen: 51.734 ug/l

RT: 9.888 min Scan# 1332

Delta R.T. -0.006 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

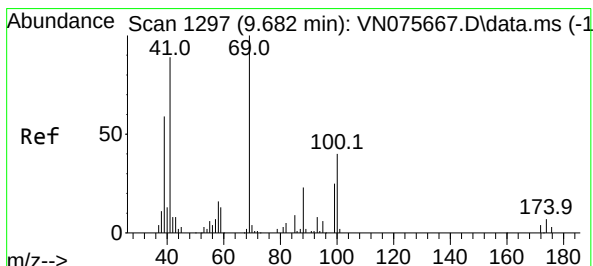
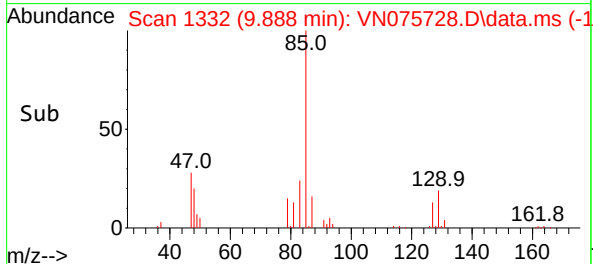
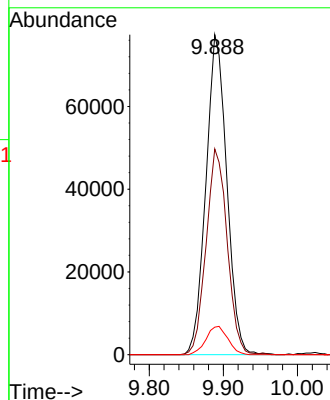
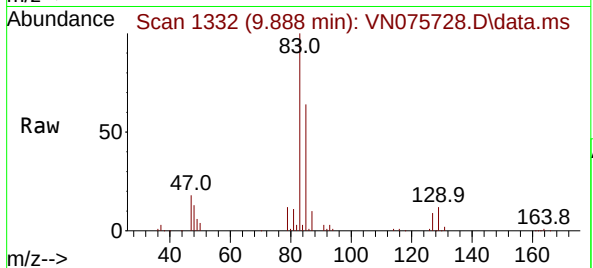
Tgt Ion:	83	Resp:	15125
Ion Ratio	Lower	Upper	
83	100		
85	64.3	48.0	72.0
127	8.6	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#48

Methyl methacrylate

Concen: 50.964 ug/l

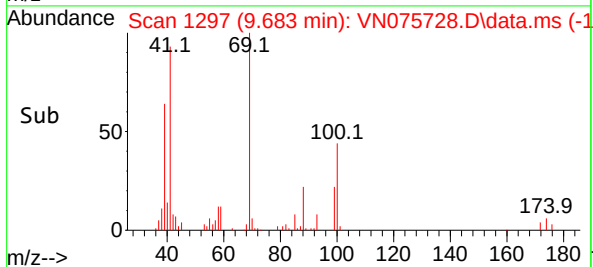
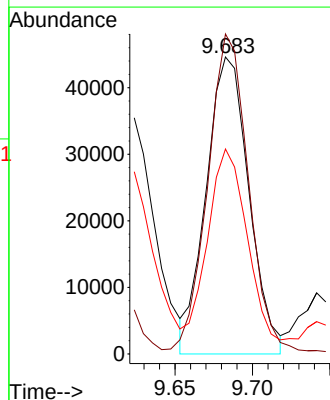
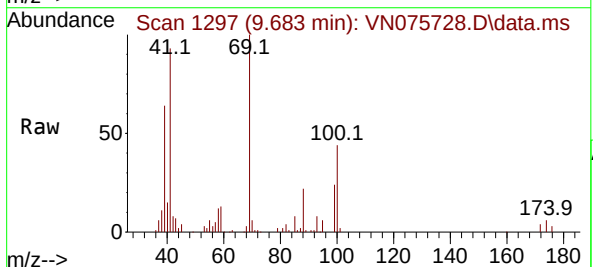
RT: 9.683 min Scan# 1297

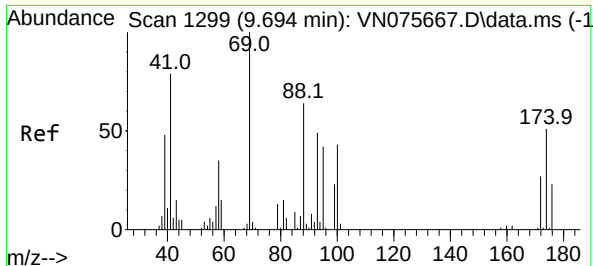
Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Tgt Ion:	41	Resp:	85614
Ion Ratio	Lower	Upper	
41	100		
69	104.1	82.5	123.7
39	66.7	53.2	79.8





#49

1,4-Dioxane

Concen: 873.722 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

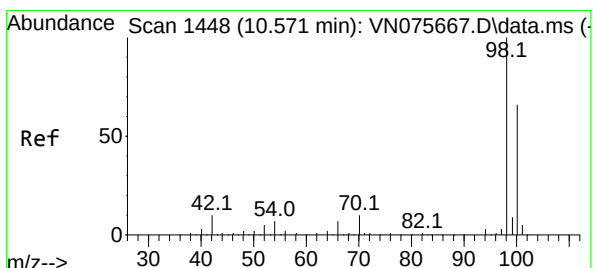
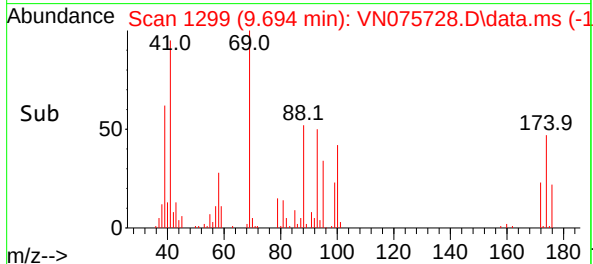
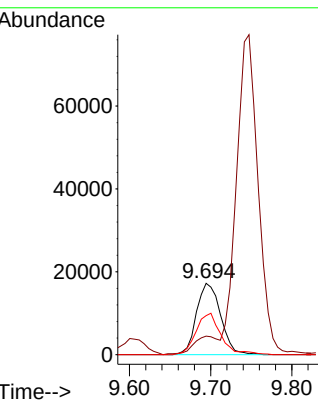
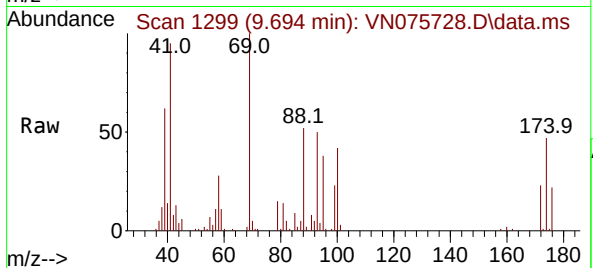
Tgt Ion:	88	Resp:	35679
Ion Ratio	Lower	Upper	
88	100		
43	24.0	17.4	26.0
58	59.9	46.8	70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 44.866 ug/l

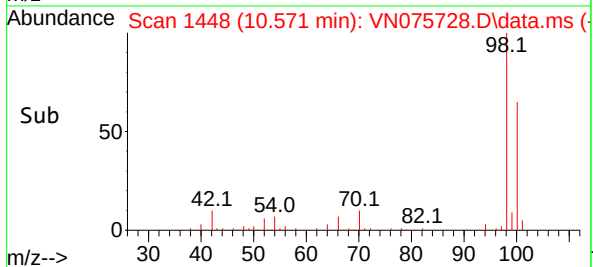
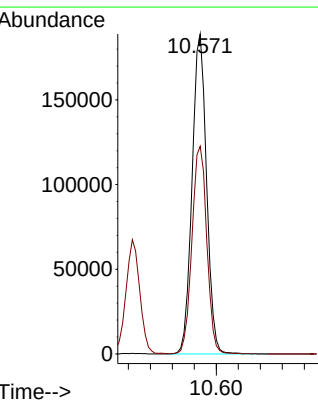
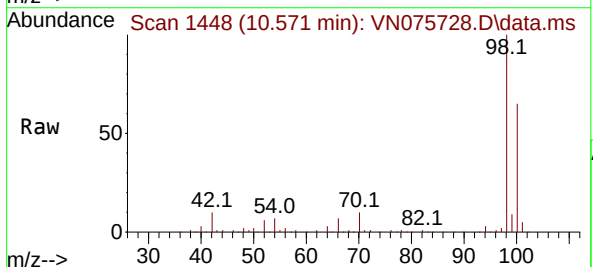
RT: 10.571 min Scan# 1448

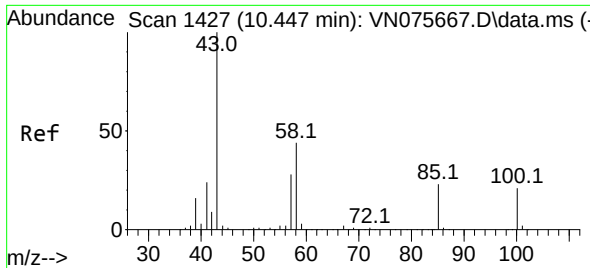
Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

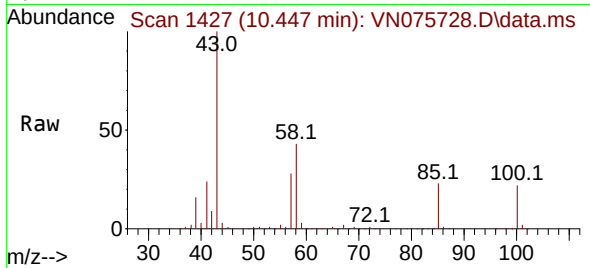
Tgt Ion:	98	Resp:	345295
Ion Ratio	Lower	Upper	
98	100		
100	66.6	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 249.499 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

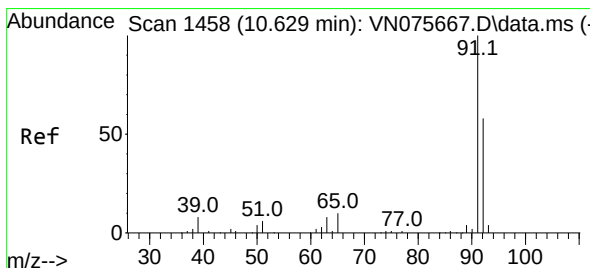
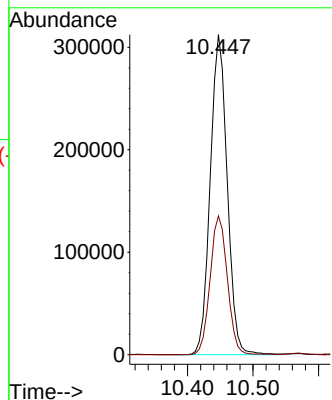
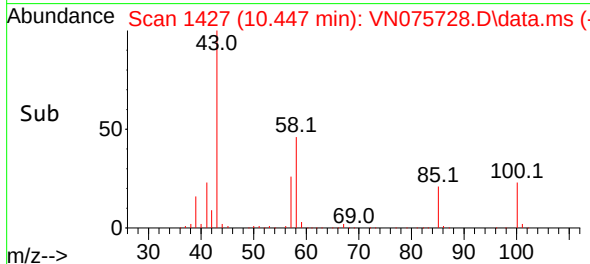
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 43 Resp: 561148
Ion Ratio Lower Upper
43 100
58 44.1 35.0 52.6

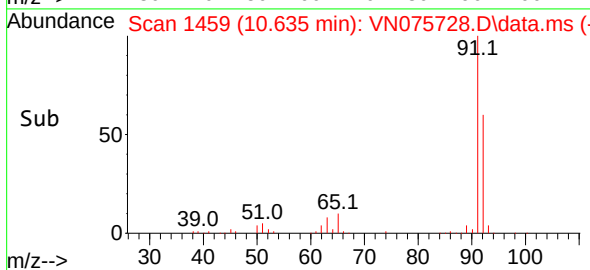
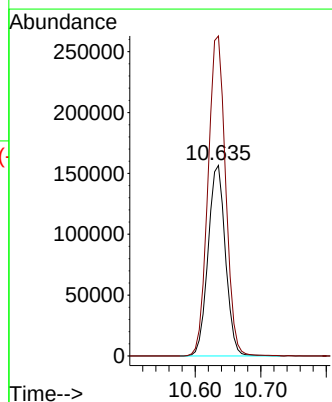
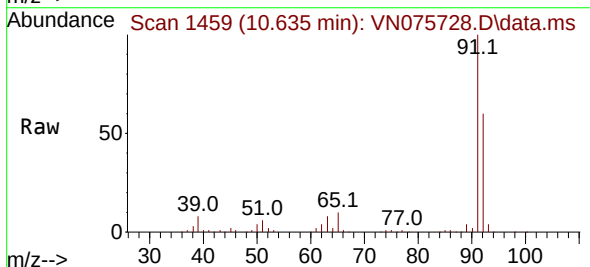
Manual Integrations
APPROVED

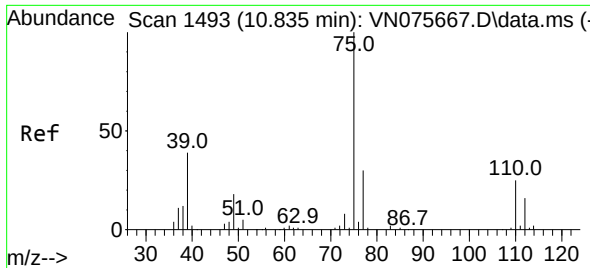
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 52.233 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

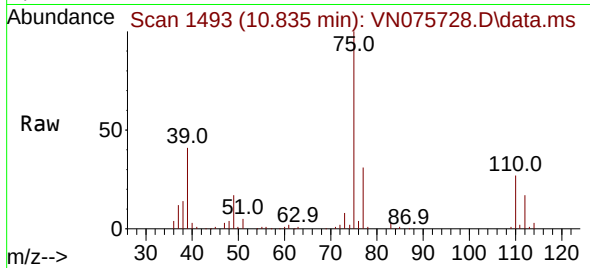
Tgt Ion: 92 Resp: 288324
Ion Ratio Lower Upper
92 100
91 170.5 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 53.058 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

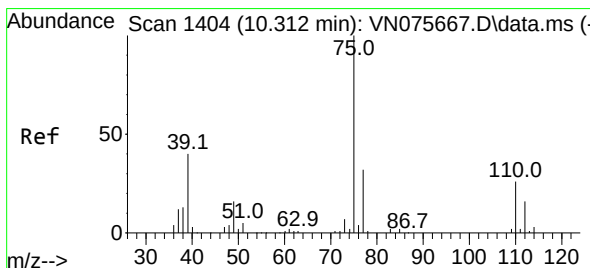
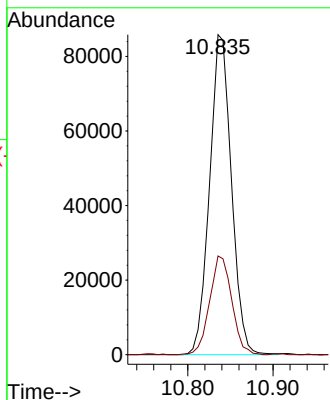
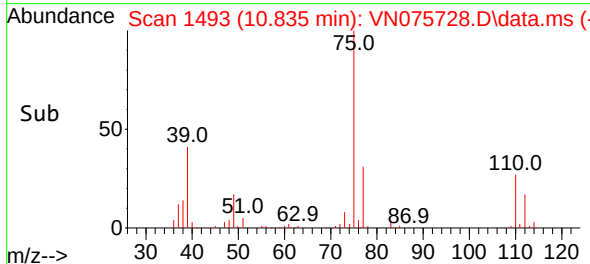
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



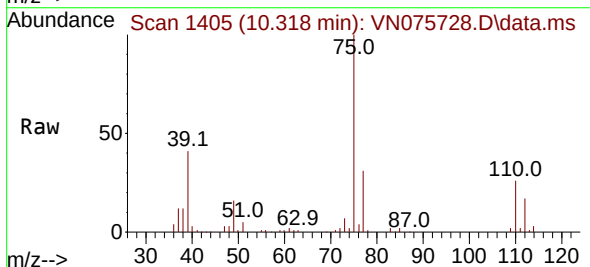
Tgt Ion: 75 Resp: 15321
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5

Manual Integrations
APPROVED

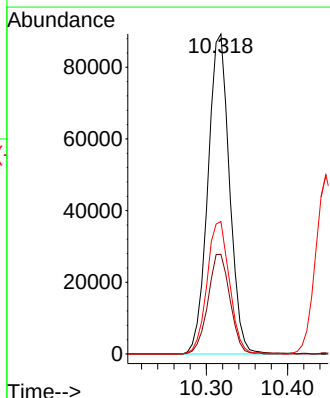
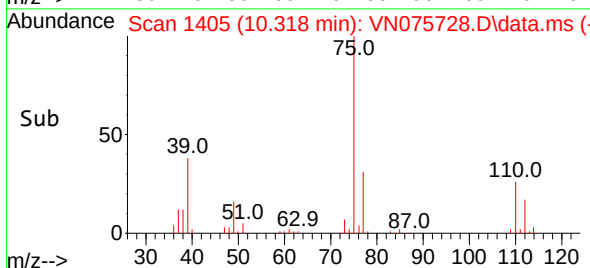
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

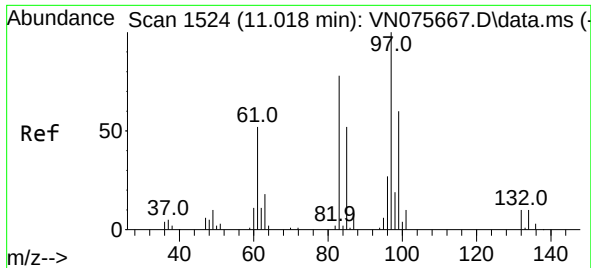


#54
cis-1,3-Dichloropropene
Concen: 51.348 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



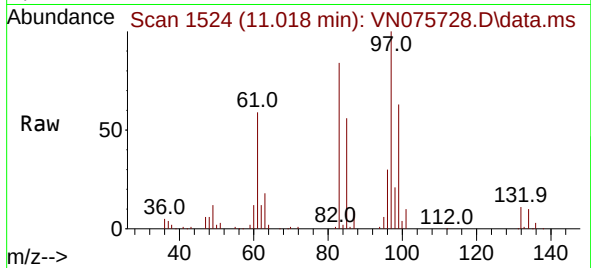
Tgt Ion: 75 Resp: 164965
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 41.4 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 51.380 ug/l
RT: 11.018 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

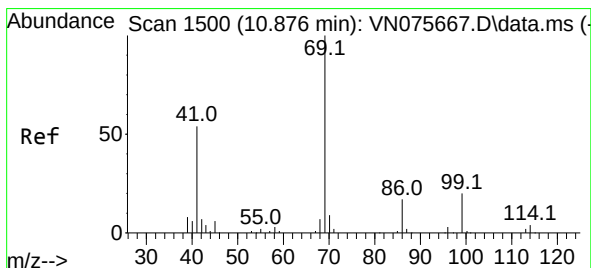
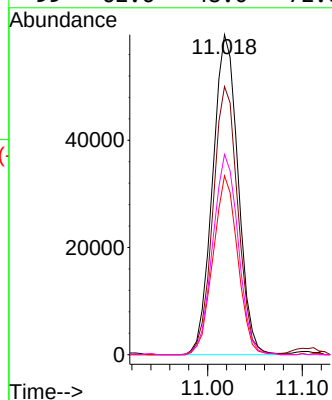
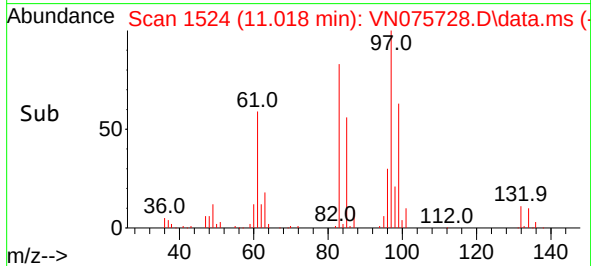
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



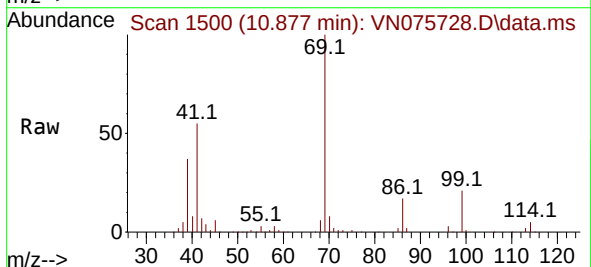
Tgt Ion: 97 Resp: 11151
Ion Ratio Lower Upper
97 100
83 83.8 62.7 94.1
85 55.9 41.8 62.6
99 62.6 48.0 72.0

Manual Integrations
APPROVED

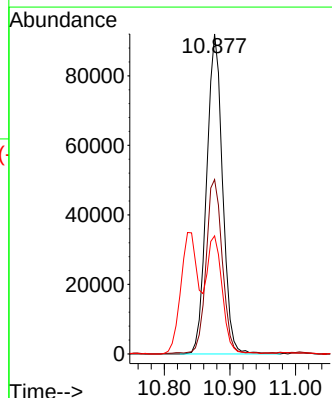
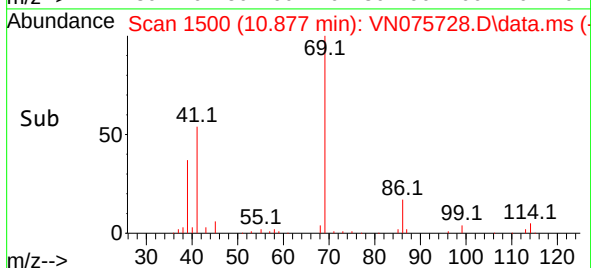
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

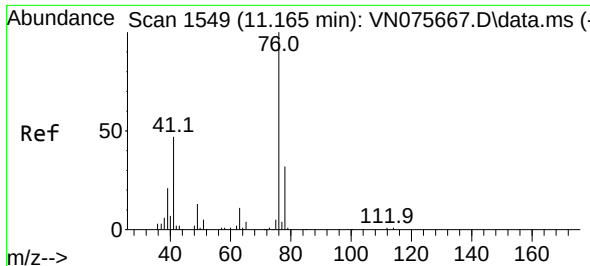


#56
Ethyl methacrylate
Concen: 52.903 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



Tgt Ion: 69 Resp: 155577
Ion Ratio Lower Upper
69 100
41 56.0 44.1 66.1
39 34.4 27.7 41.5





#57

1,3-Dichloropropane

Concen: 51.874 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion: 76 Resp: 18197

Ion Ratio Lower Upper

76 100

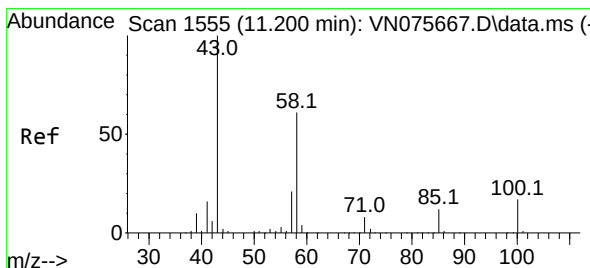
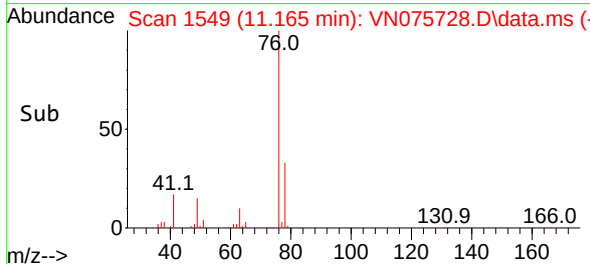
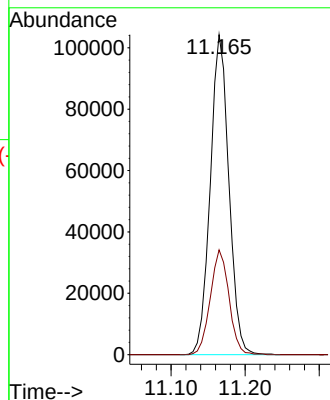
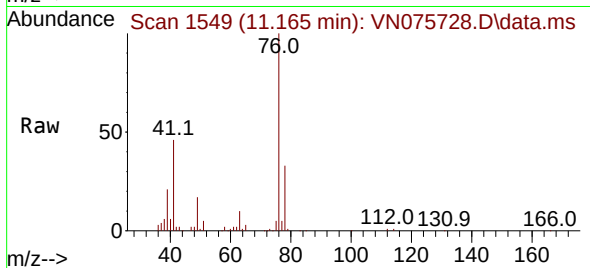
78 32.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#59

2-Hexanone

Concen: 246.719 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN075728.D

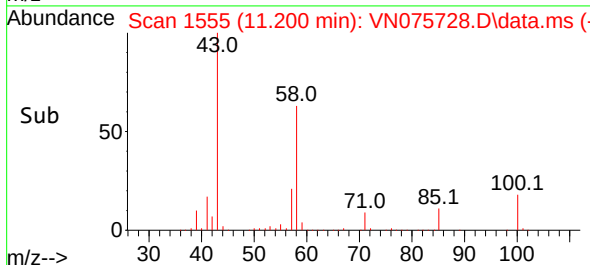
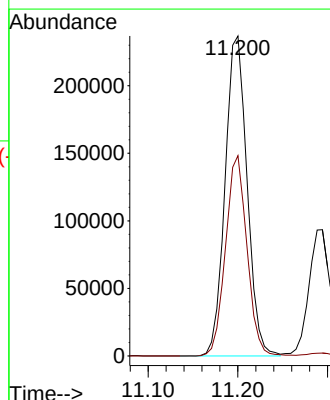
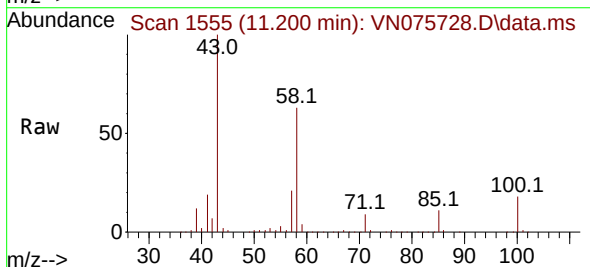
Acq: 12 Dec 2022 21:16

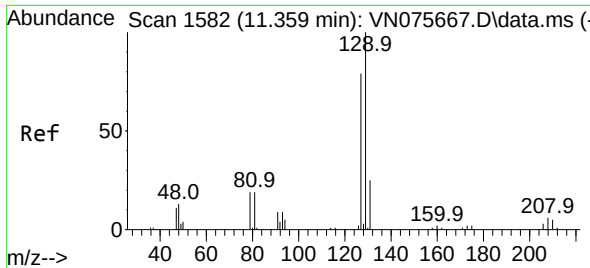
Tgt Ion: 43 Resp: 403142

Ion Ratio Lower Upper

43 100

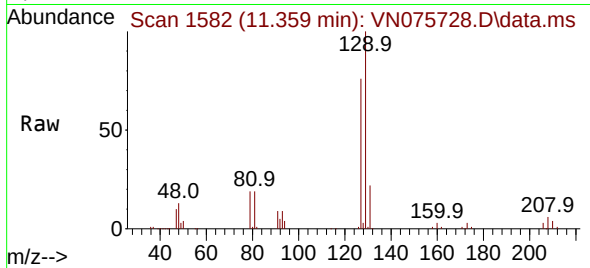
58 61.1 30.9 92.5





#60
Dibromochloromethane
Concen: 53.449 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

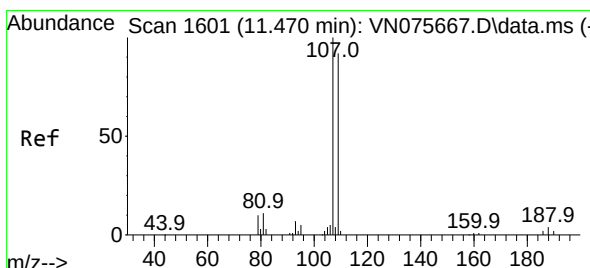
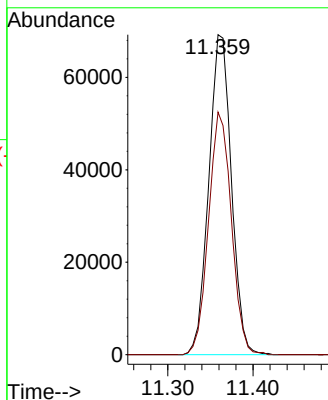
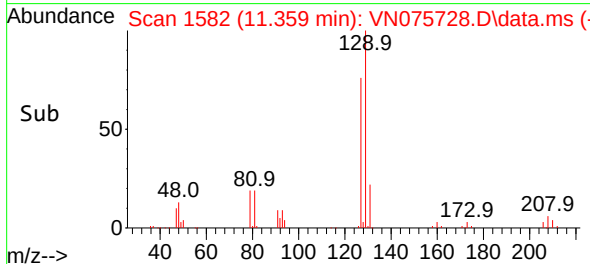
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



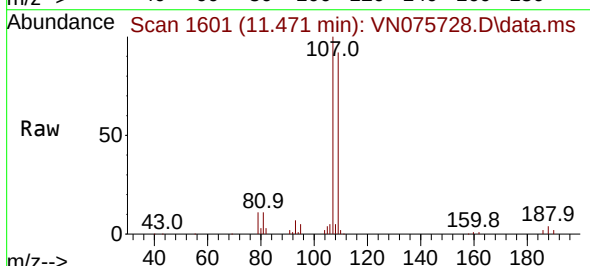
Tgt Ion:129 Resp: 127648
Ion Ratio Lower Upper
129 100
127 76.5 38.6 116.0

Manual Integrations
APPROVED

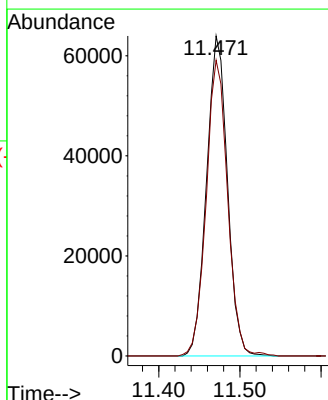
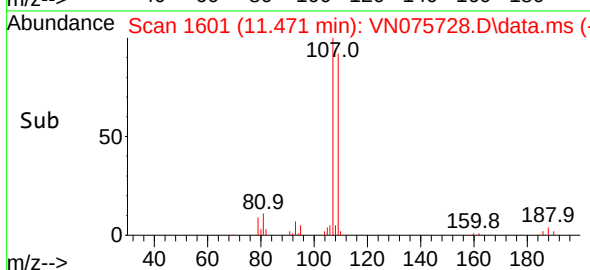
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

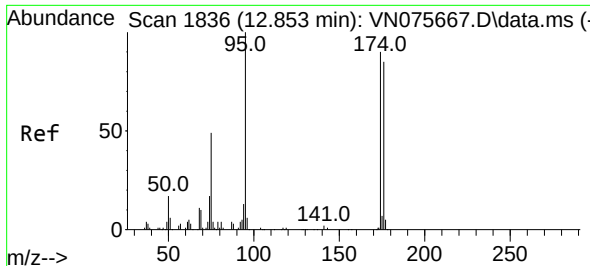


#61
1,2-Dibromoethane
Concen: 50.269 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



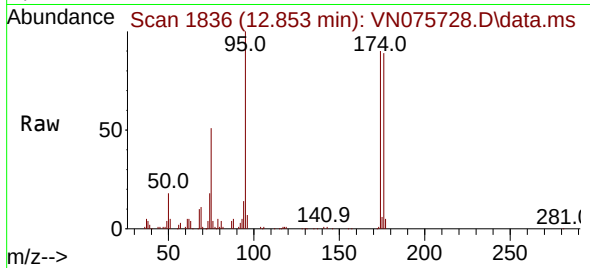
Tgt Ion:107 Resp: 114305
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.2





#62
4-Bromofluorobenzene
Concen: 46.324 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

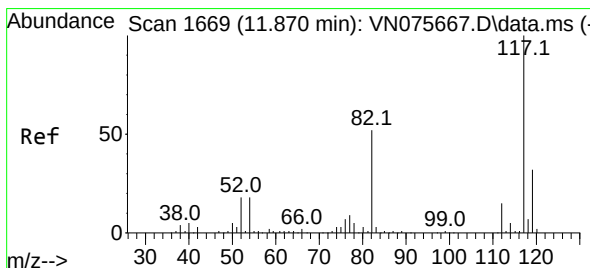
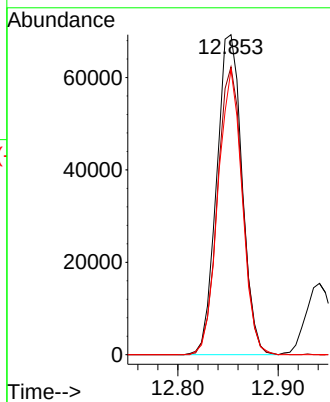
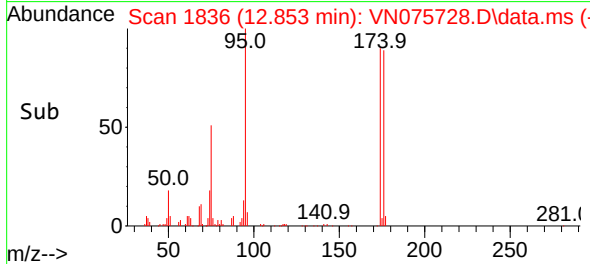
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



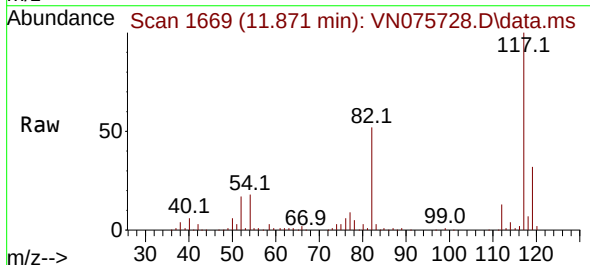
Tgt Ion: 95 Resp: 121890
Ion Ratio Lower Upper
95 100
174 88.4 0.0 178.6
176 84.7 0.0 170.8

Manual Integrations
APPROVED

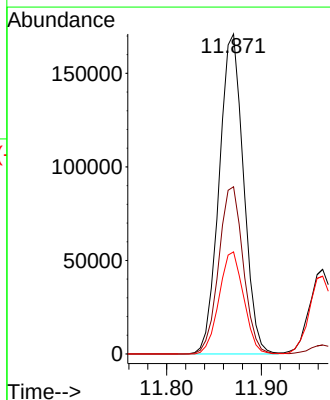
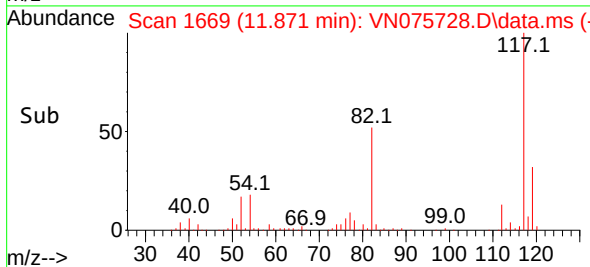
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

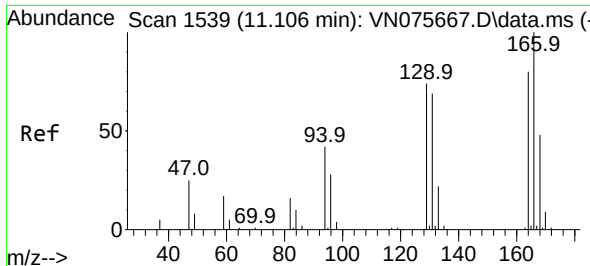


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



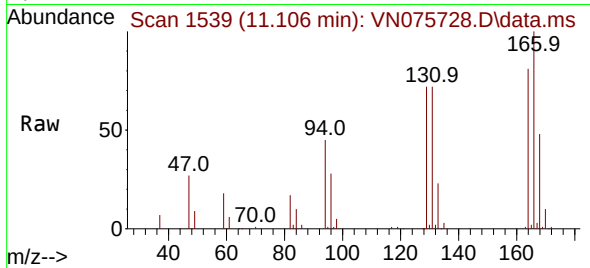
Tgt Ion:117 Resp: 305951
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 31.9 25.8 38.6





#64
Tetrachloroethene
Concen: 44.900 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

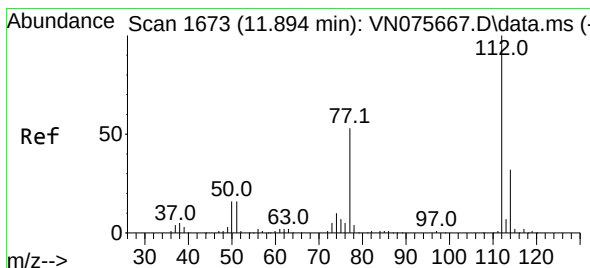
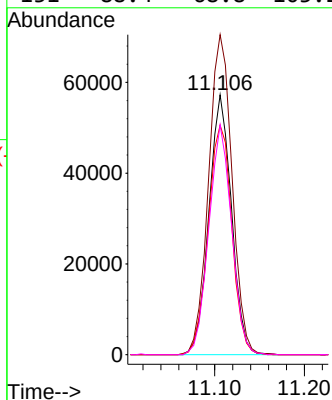
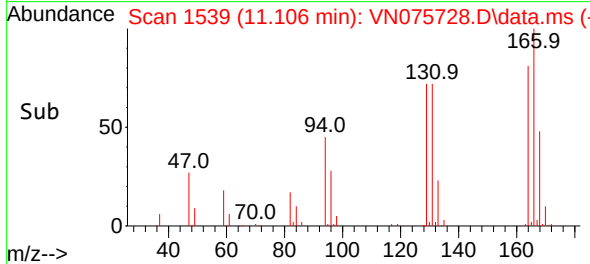
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



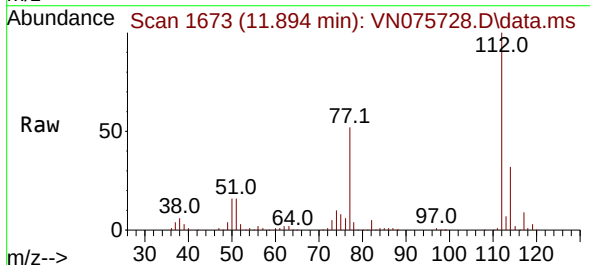
Tgt Ion:164 Resp: 10006
Ion Ratio Lower Upper
164 100
166 123.2 100.3 150.5
129 88.4 73.9 110.9
131 88.4 68.8 103.2

Manual Integrations
APPROVED

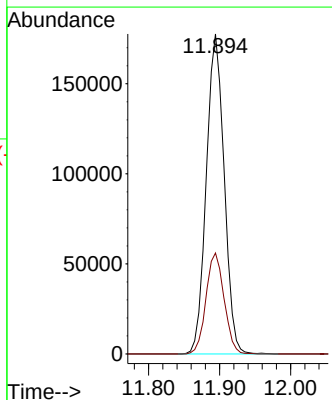
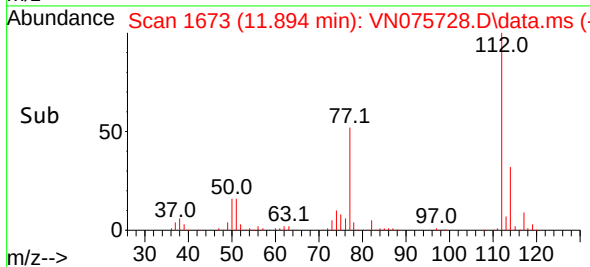
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

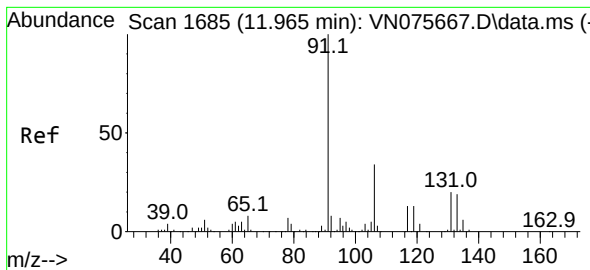


#65
Chlorobenzene
Concen: 49.326 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



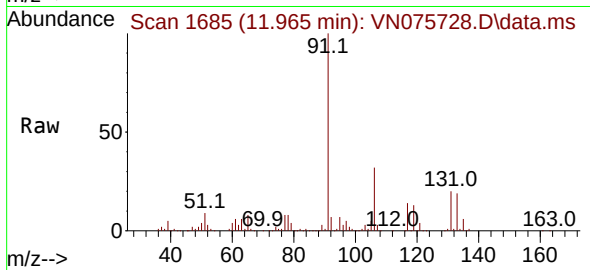
Tgt Ion:112 Resp: 310506
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 51.453 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

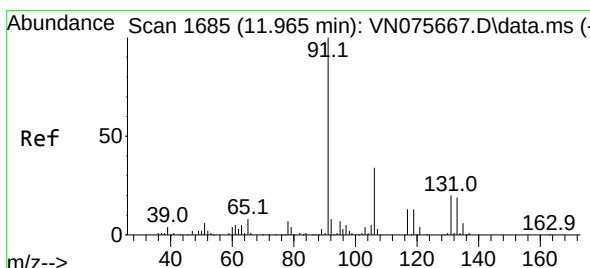
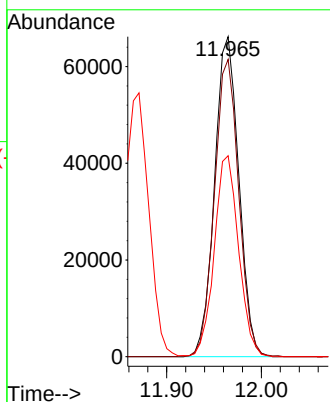
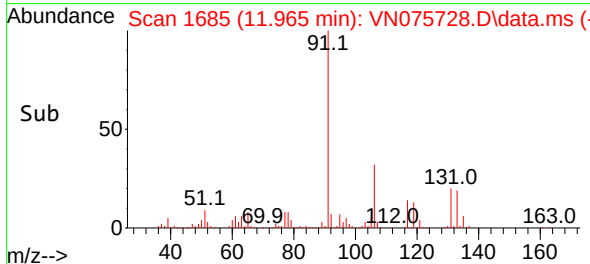
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



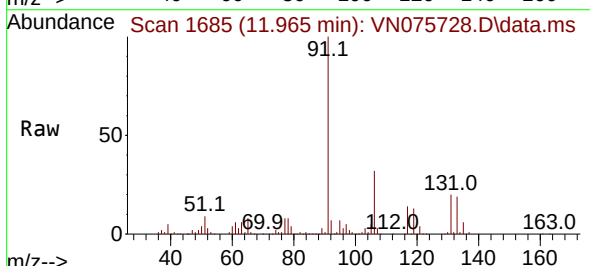
Tgt Ion:131 Resp: 11784
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 62.9 32.5 97.4

Manual Integrations
APPROVED

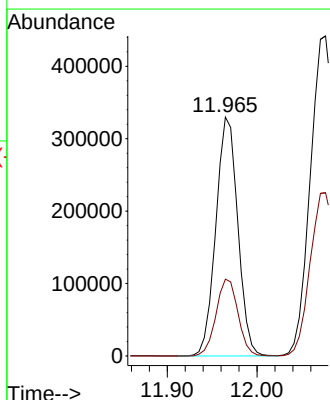
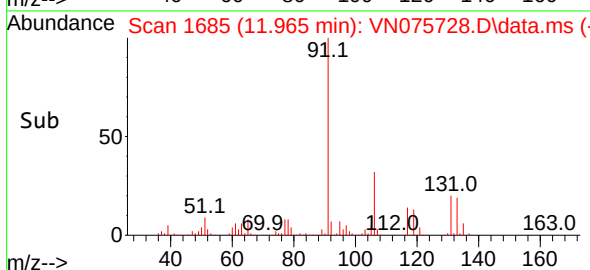
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

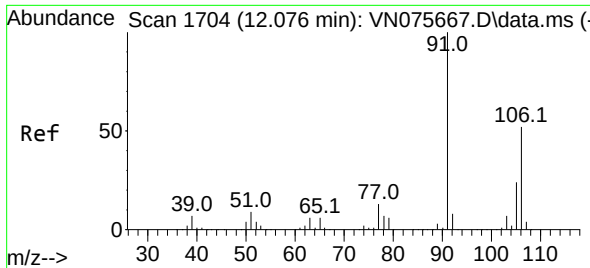


#67
Ethyl Benzene
Concen: 52.571 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



Tgt Ion: 91 Resp: 559850
Ion Ratio Lower Upper
91 100
106 32.2 26.9 40.3





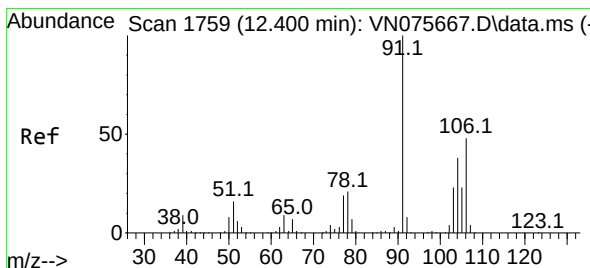
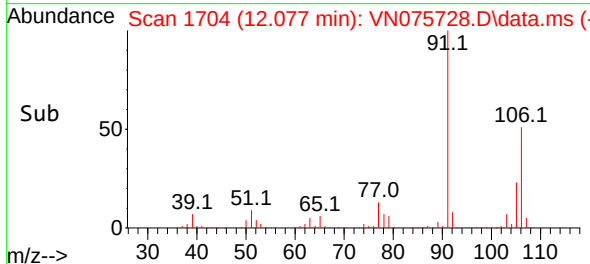
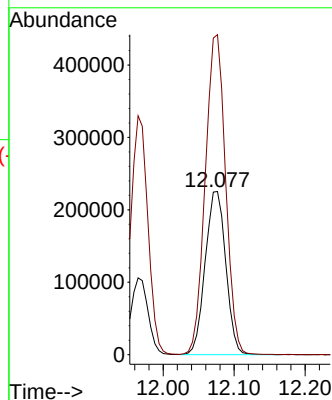
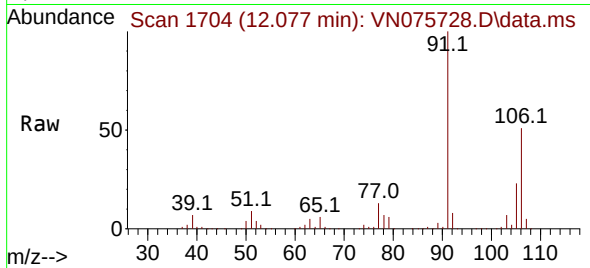
#68
m/p-Xylenes
Concen: 105.521 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion:106 Resp: 45405
Ion Ratio Lower Upper
106 100
91 193.5 156.2 234.4

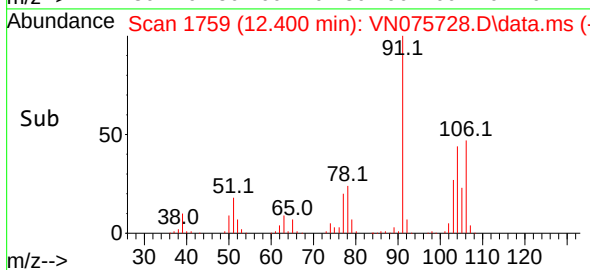
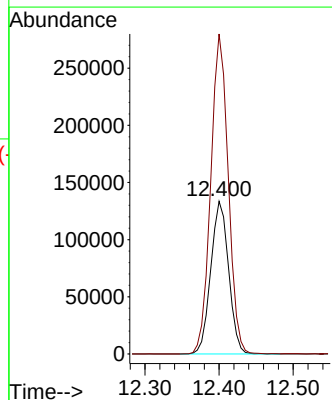
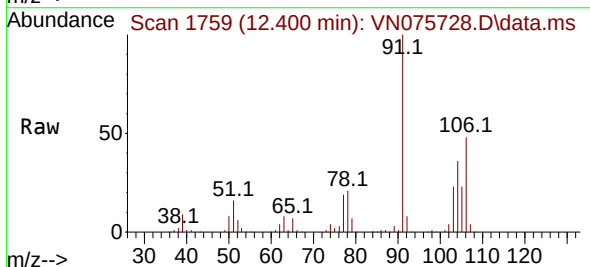
Manual Integrations
APPROVED

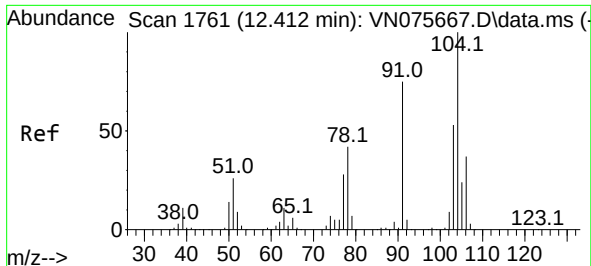
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#69
o-Xylene
Concen: 53.469 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

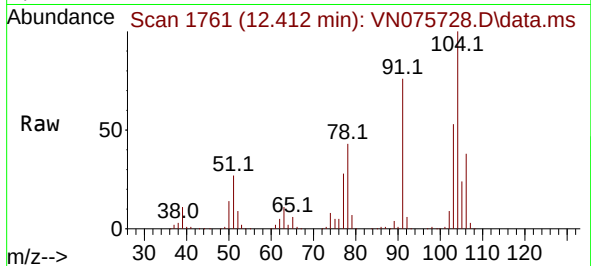
Tgt Ion:106 Resp: 223264
Ion Ratio Lower Upper
106 100
91 205.8 102.8 308.5





#70
Styrene
Concen: 54.176 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

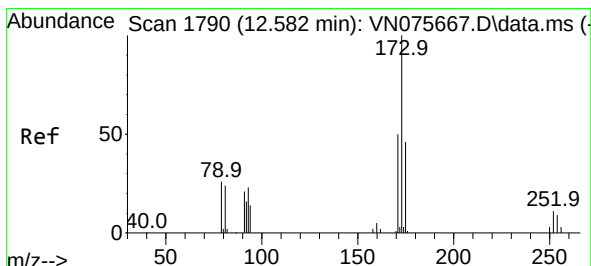
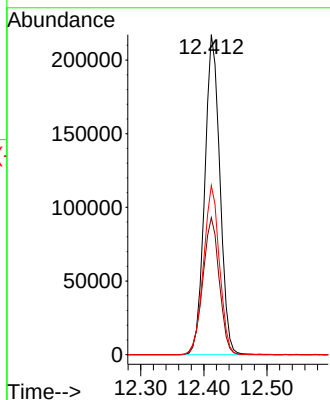
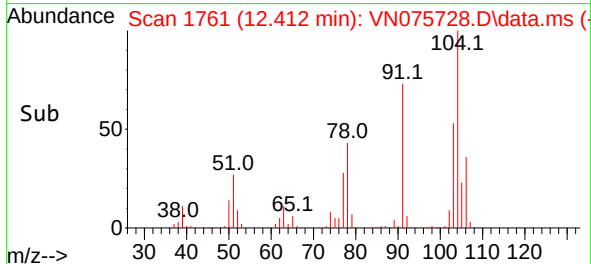
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion:104 Resp: 362818
Ion Ratio Lower Upper
104 100
78 46.5 36.7 55.1
103 55.4 44.0 66.0

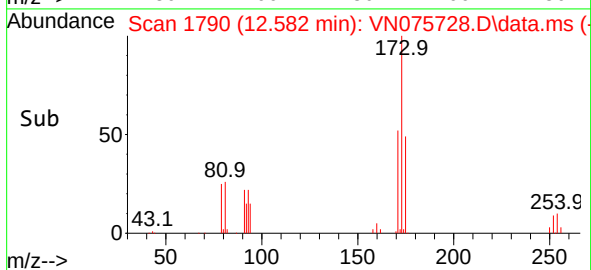
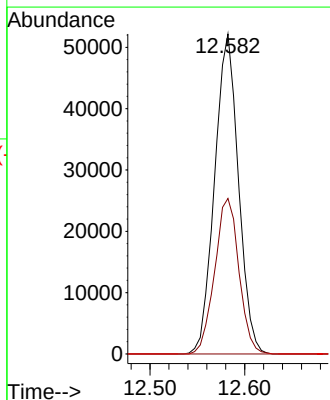
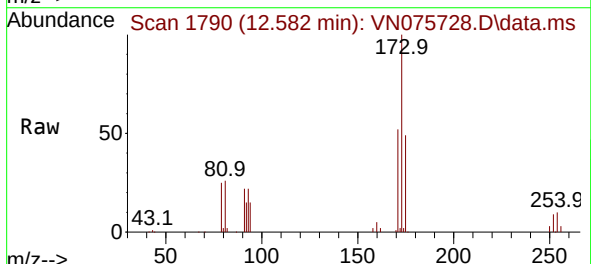
Manual Integrations
APPROVED

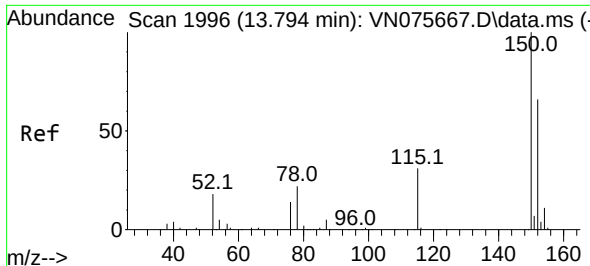
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#71
Bromoform
Concen: 52.547 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

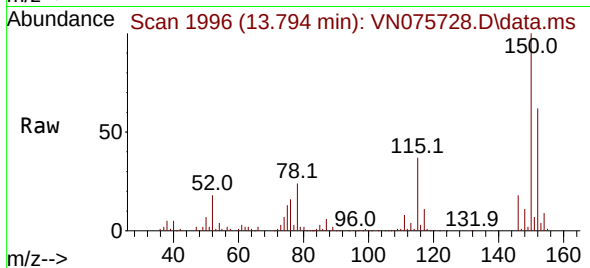
Tgt Ion:173 Resp: 91224
Ion Ratio Lower Upper
173 100
175 49.4 23.8 71.2
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

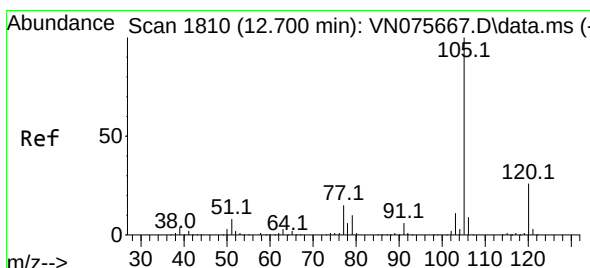
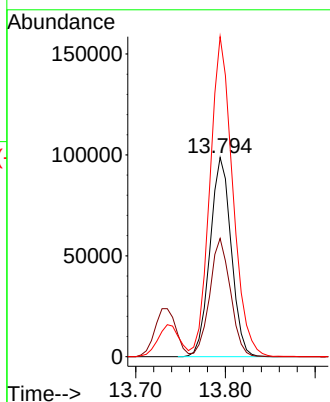
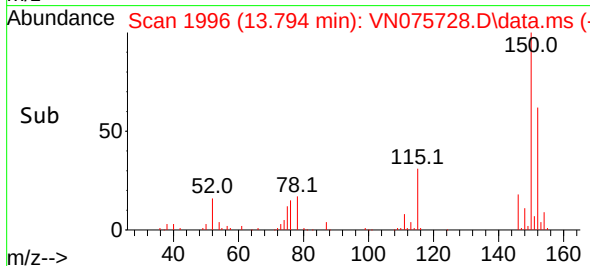
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



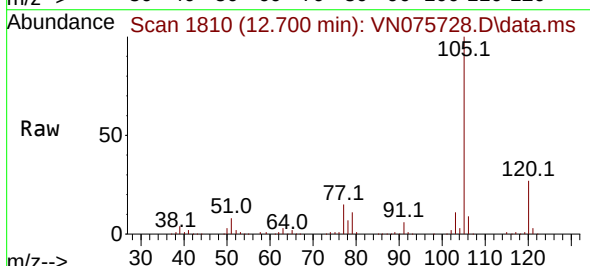
Tgt Ion:152 Resp: 161902
Ion Ratio Lower Upper
152 100
115 58.1 28.4 85.2
150 173.0 0.0 347.6

Manual Integrations
APPROVED

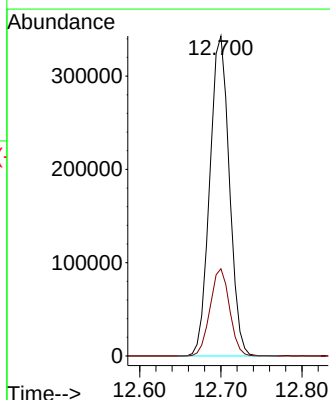
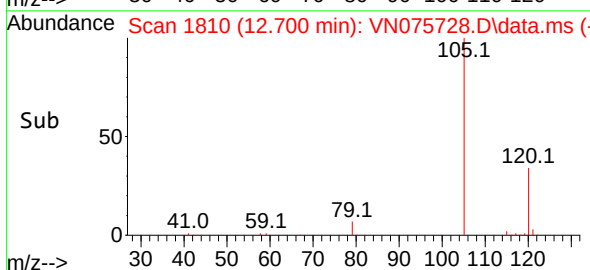
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

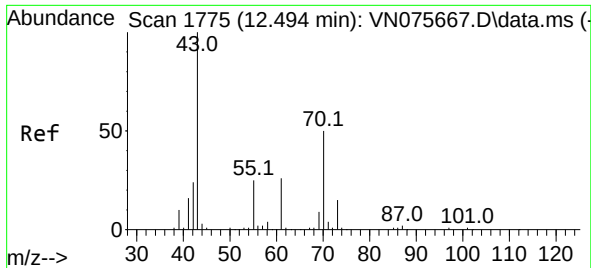


#73
Isopropylbenzene
Concen: 49.438 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



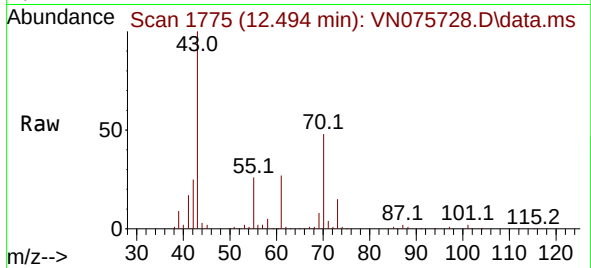
Tgt Ion:105 Resp: 574711
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2





#74
N-amy1 acetate
Concen: 49.388 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

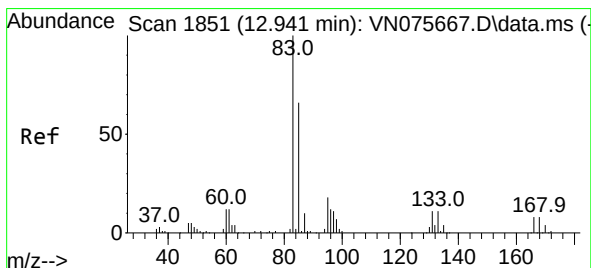
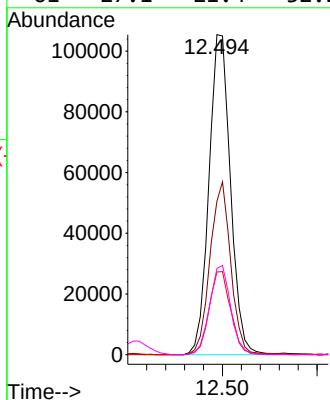
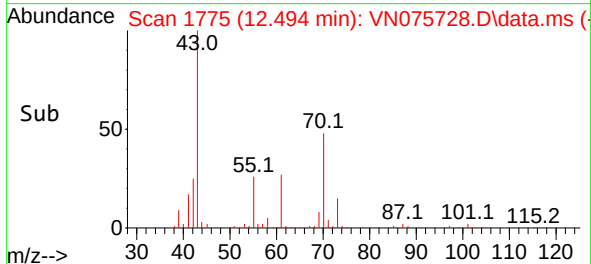
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



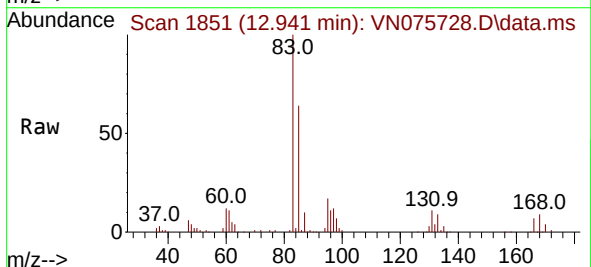
Tgt Ion: 43 Resp: 166810
Ion Ratio Lower Upper
43 100
70 51.7 41.0 61.6
55 26.2 20.7 31.1
61 27.1 21.4 32.2

Manual Integrations
APPROVED

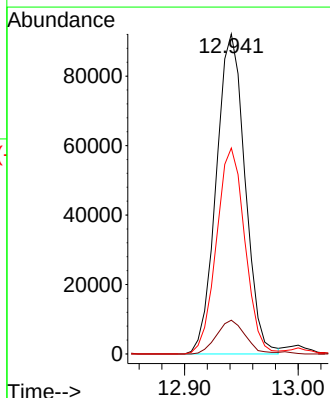
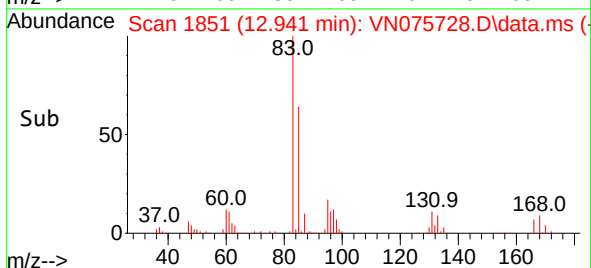
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

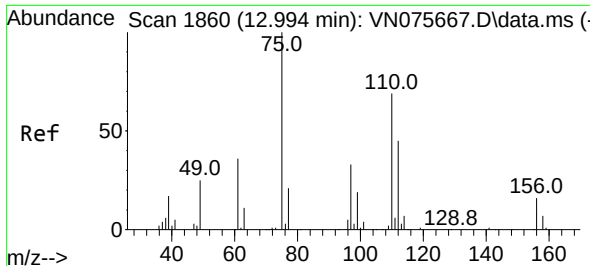


#75
1,1,2,2-Tetrachloroethane
Concen: 46.455 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



Tgt Ion: 83 Resp: 162223
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 63.7 32.6 97.7





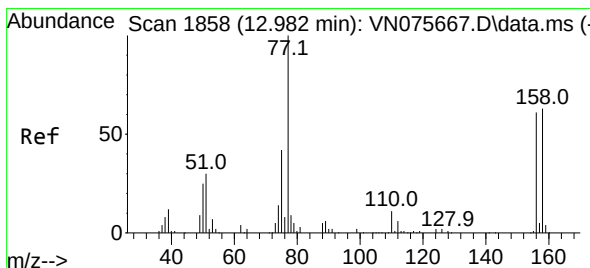
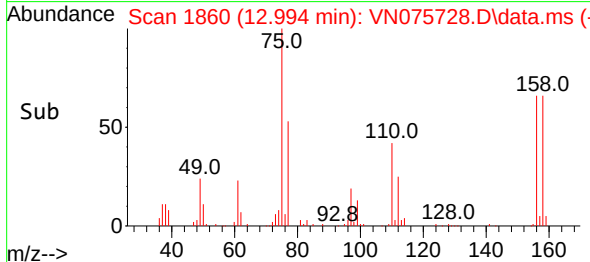
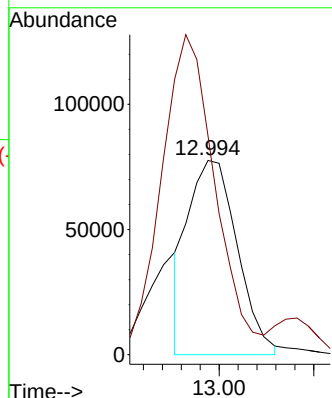
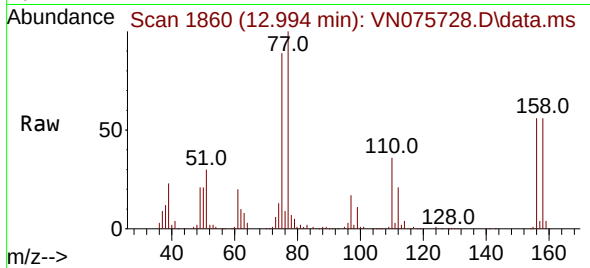
#76
1,2,3-Trichloropropane
Concen: 42.942 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 75 Resp: 13962
Ion Ratio Lower Upper
75 100
77 181.6 81.8 245.4

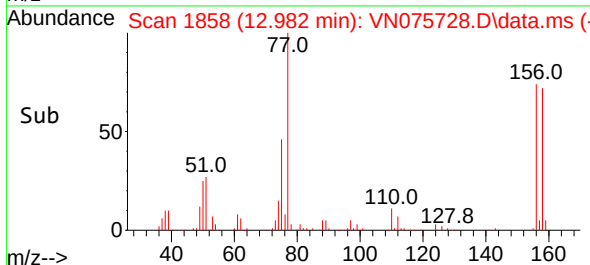
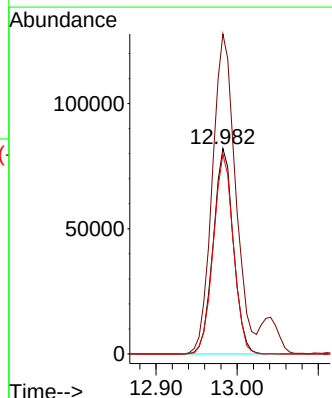
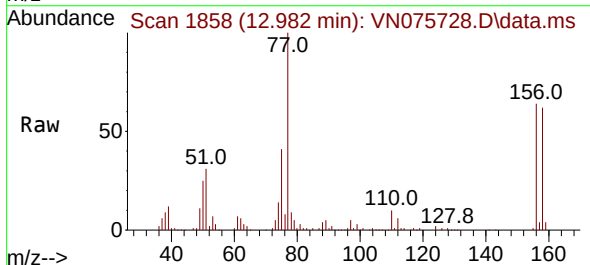
Manual Integrations
APPROVED

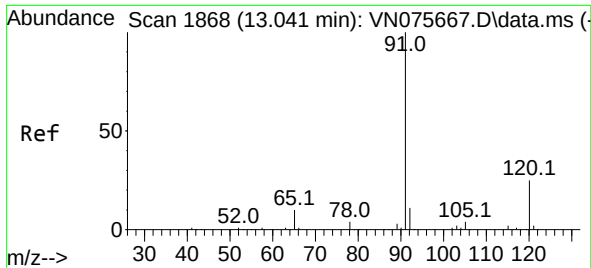
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#77
Bromobenzene
Concen: 48.438 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion:156 Resp: 141606
Ion Ratio Lower Upper
156 100
77 179.1 90.8 272.5
158 96.7 49.3 147.8





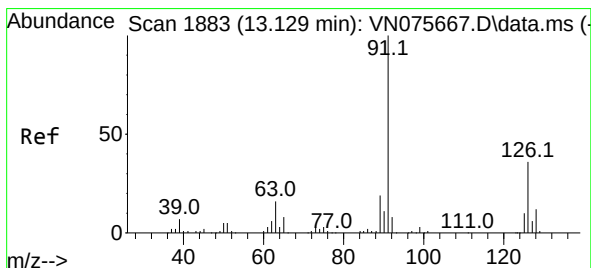
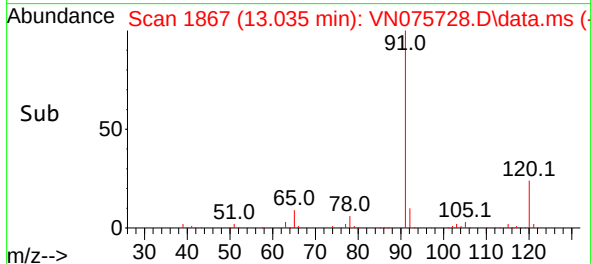
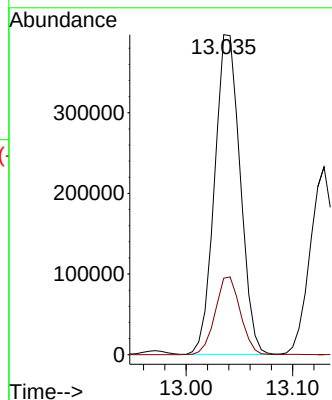
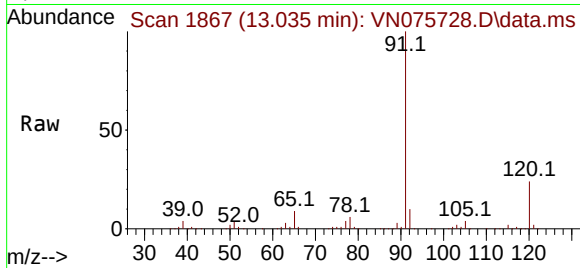
#78
n-propylbenzene
Concen: 51.229 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 91 Resp: 660839
Ion Ratio Lower Upper
91 100
120 23.9 12.1 36.3

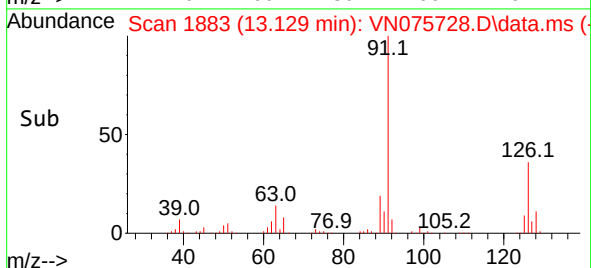
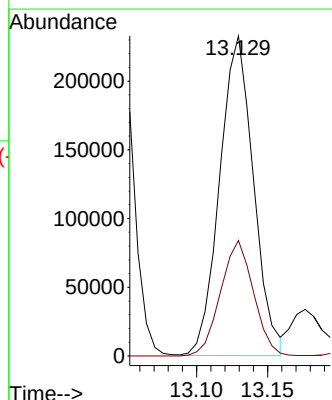
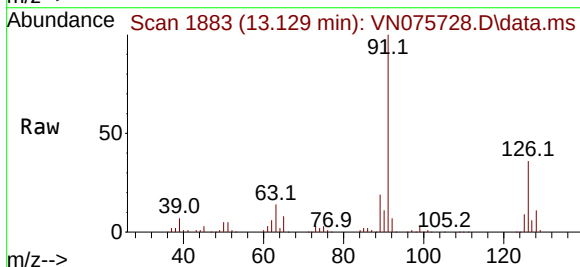
Manual Integrations
APPROVED

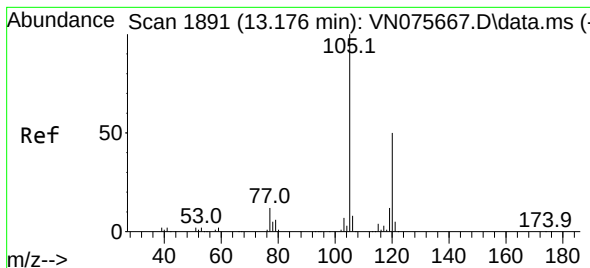
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#79
2-Chlorotoluene
Concen: 48.402 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion: 91 Resp: 385465
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4





#80

1,3,5-Trimethylbenzene

Concen: 51.044 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion:105 Resp: 496098

Ion Ratio Lower Upper

105 100

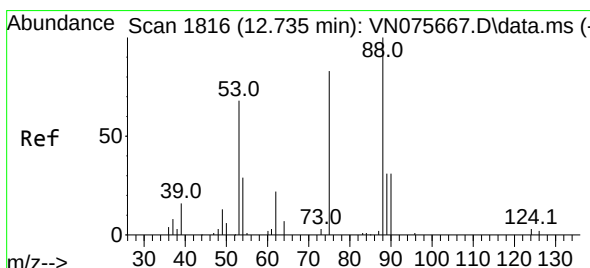
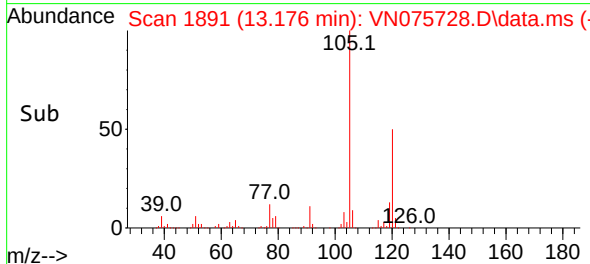
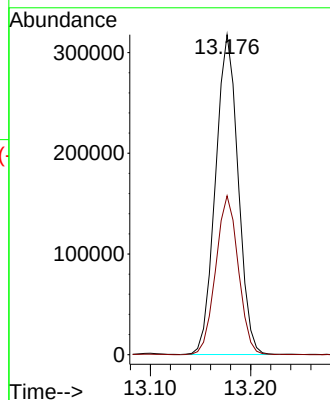
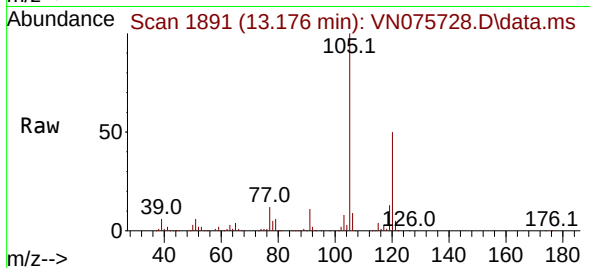
120 49.8 24.9 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#81

trans-1,4-Dichloro-2-butene

Concen: 43.062 ug/l

RT: 12.741 min Scan# 1817

Delta R.T. 0.006 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

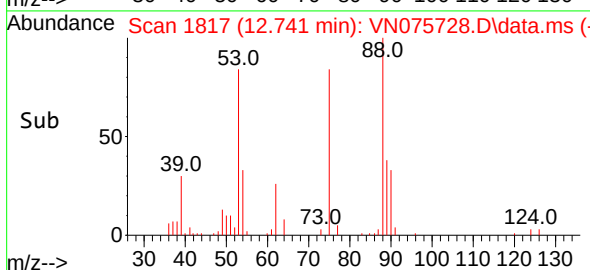
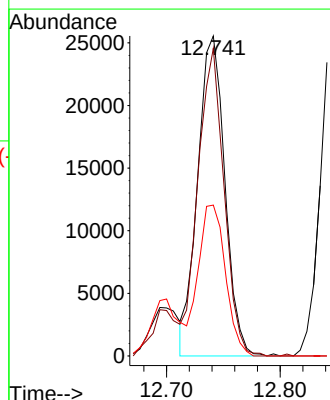
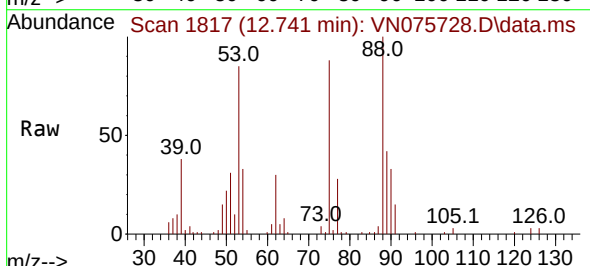
Tgt Ion: 75 Resp: 42580

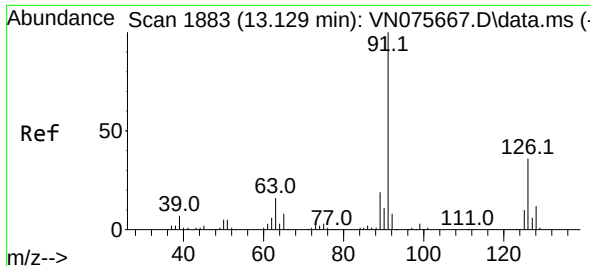
Ion Ratio Lower Upper

75 100

53 92.1 72.4 108.6

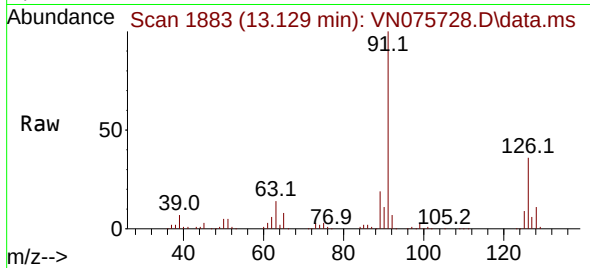
89 46.7 36.6 55.0





#82
4-Chlorotoluene
Concen: 48.402 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

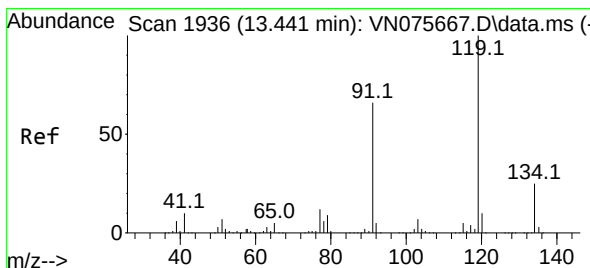
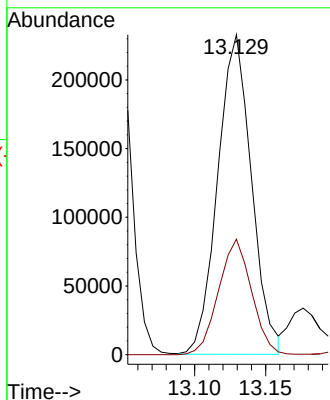
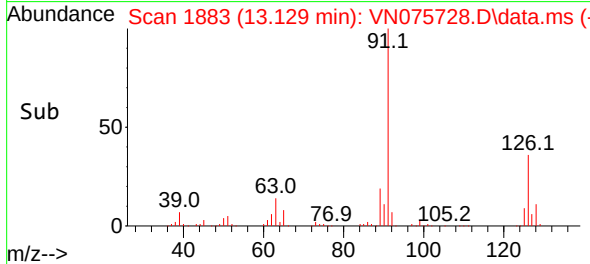
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



Tgt Ion: 91 Resp: 38546
Ion Ratio Lower Upper
91 100
126 35.2 17.8 53.4

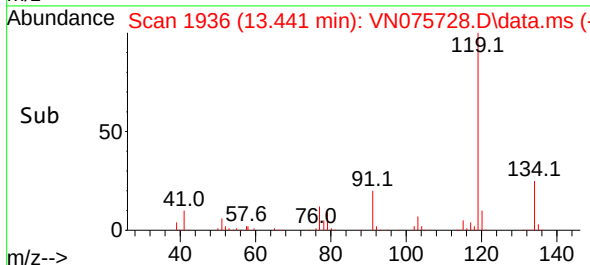
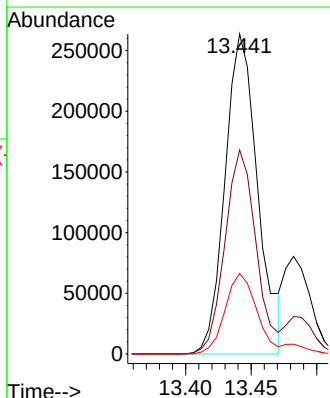
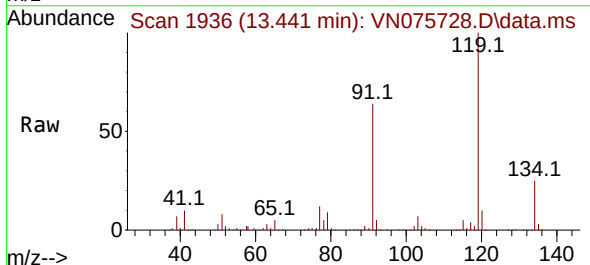
Manual Integrations
APPROVED

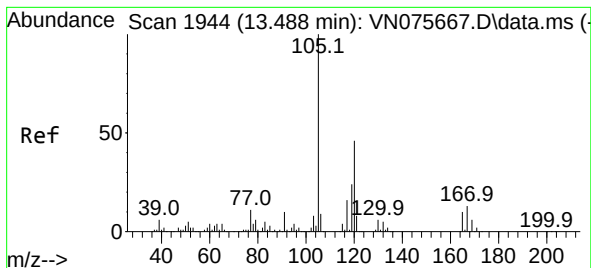
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#83
tert-Butylbenzene
Concen: 51.885 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion:119 Resp: 457291
Ion Ratio Lower Upper
119 100
91 60.9 31.9 95.9
134 26.5 13.9 41.7





#84

1,2,4-Trimethylbenzene

Concen: 51.688 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

Tgt Ion:105 Resp: 504898

Ion Ratio Lower Upper

105 100

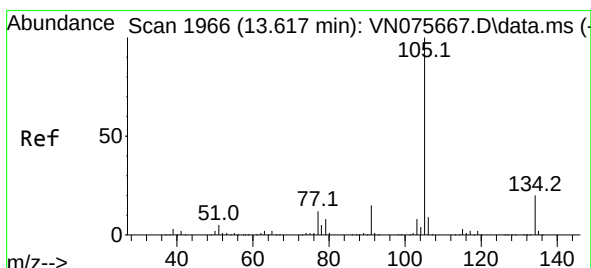
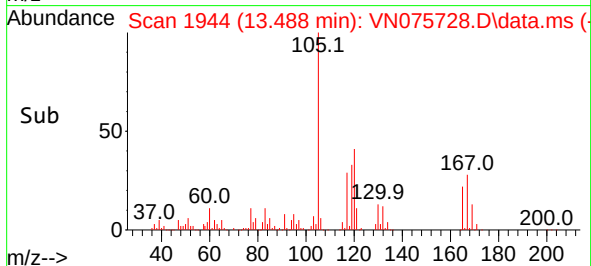
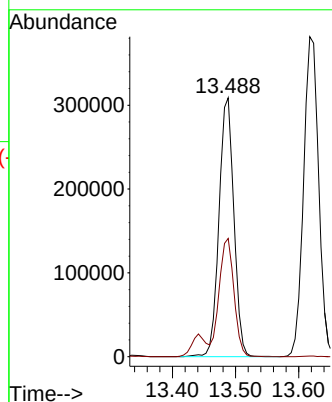
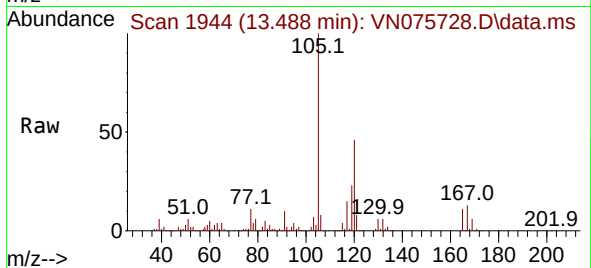
120 45.4 23.1 69.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#85

sec-Butylbenzene

Concen: 52.191 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075728.D

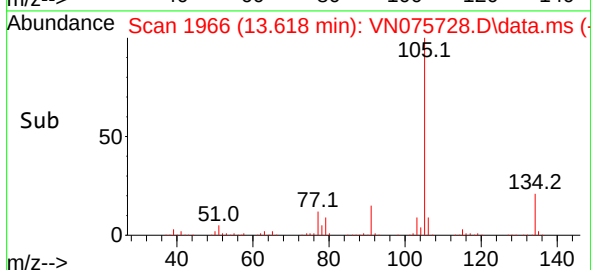
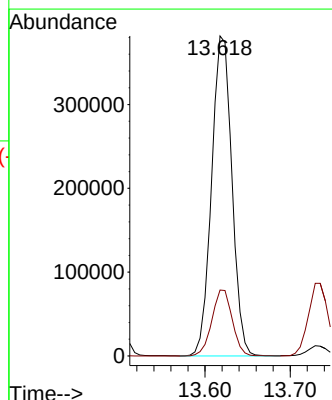
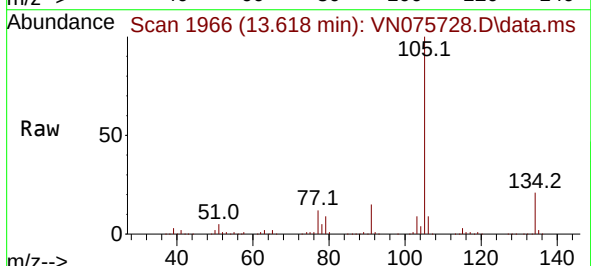
Acq: 12 Dec 2022 21:16

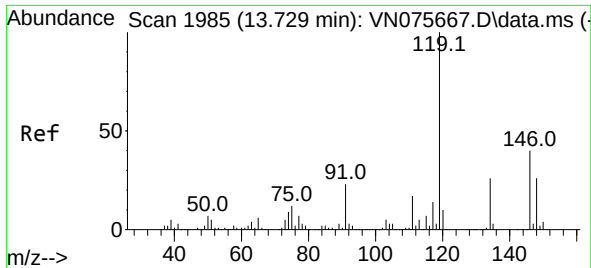
Tgt Ion:105 Resp: 632372

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6





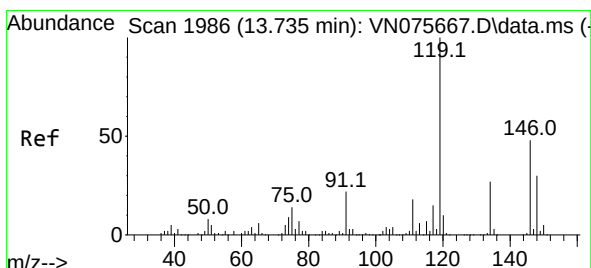
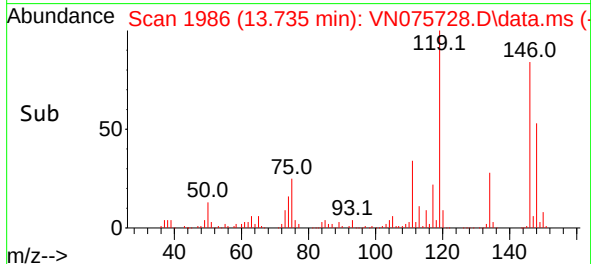
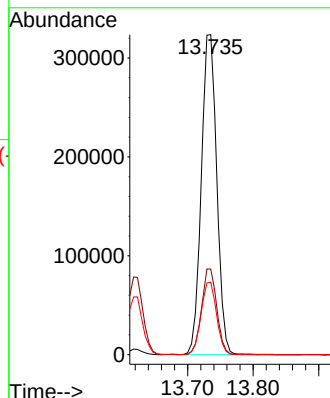
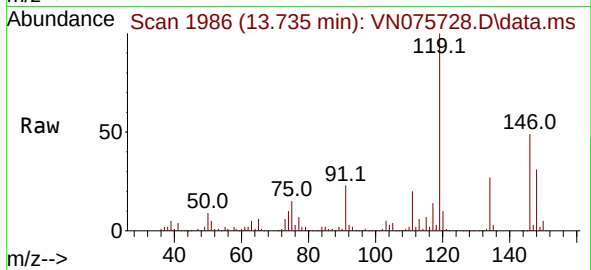
#86
p-Isopropyltoluene
Concen: 52.445 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion:119 Resp: 531699
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 22.6 11.4 34.1

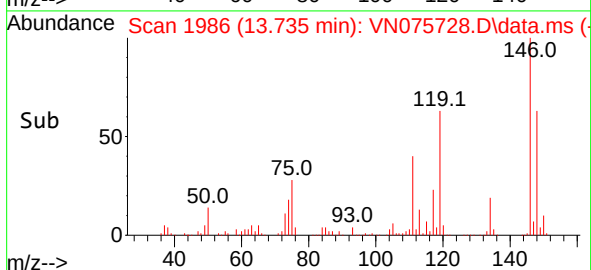
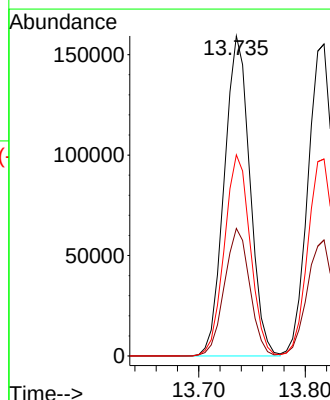
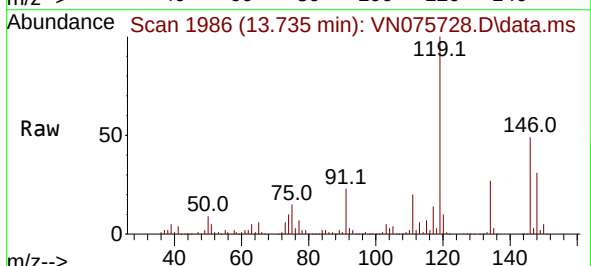
Manual Integrations
APPROVED

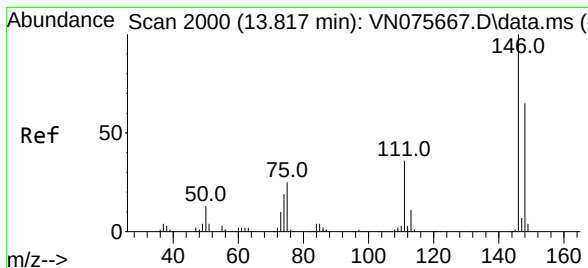
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#87
1,3-Dichlorobenzene
Concen: 48.649 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion:146 Resp: 265976
Ion Ratio Lower Upper
146 100
111 39.4 19.8 59.3
148 63.5 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 47.471 ug/l

RT: 13.818 min Scan# 2000

Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MS

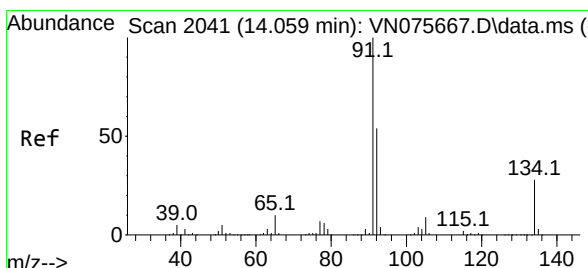
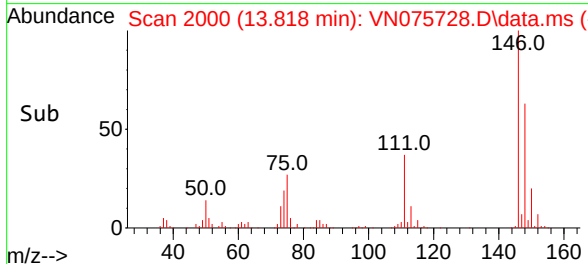
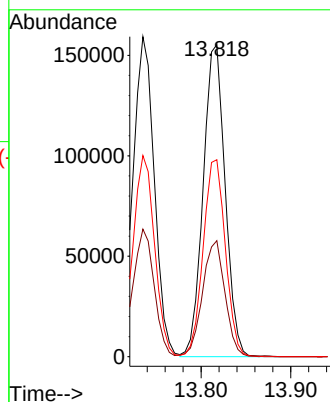
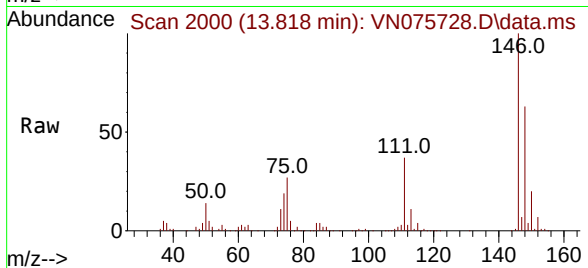
Tgt Ion:146 Resp: 263992
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#89

n-Butylbenzene

Concen: 53.933 ug/l

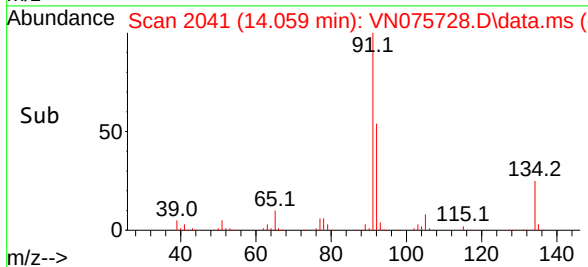
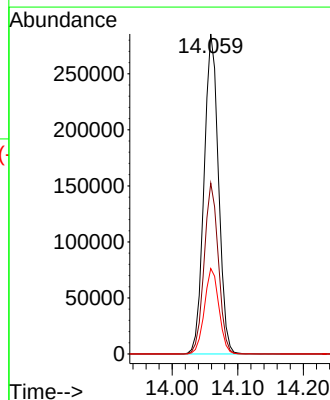
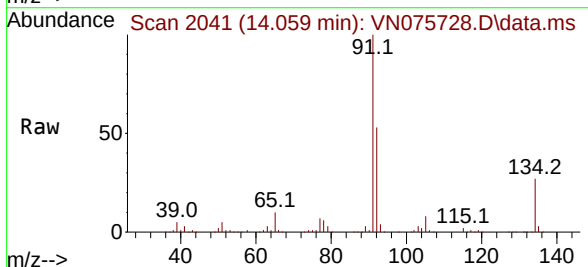
RT: 14.059 min Scan# 2041

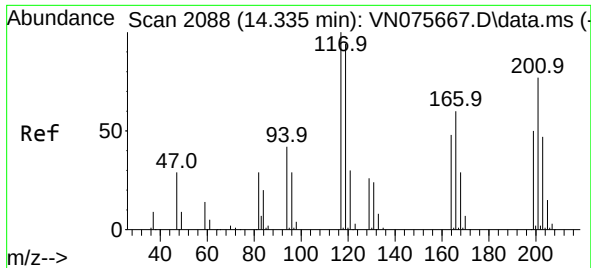
Delta R.T. 0.000 min

Lab File: VN075728.D

Acq: 12 Dec 2022 21:16

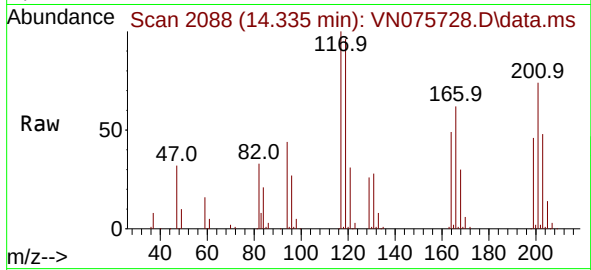
Tgt Ion: 91 Resp: 438242
 Ion Ratio Lower Upper
 91 100
 92 52.5 26.7 80.1
 134 26.7 13.9 41.7





#90
Hexachloroethane
Concen: 52.448 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

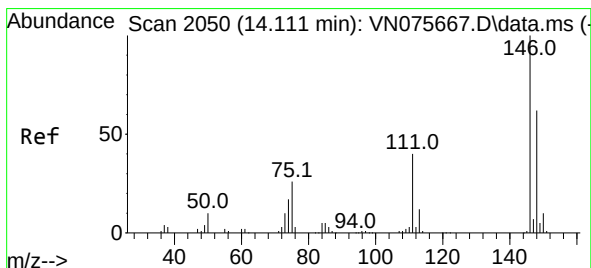
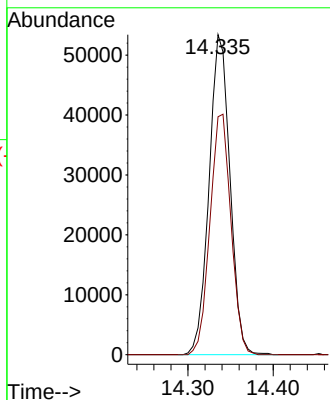
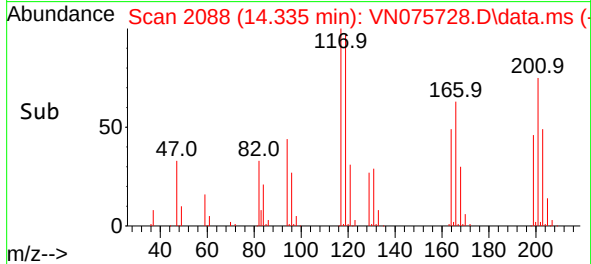
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS



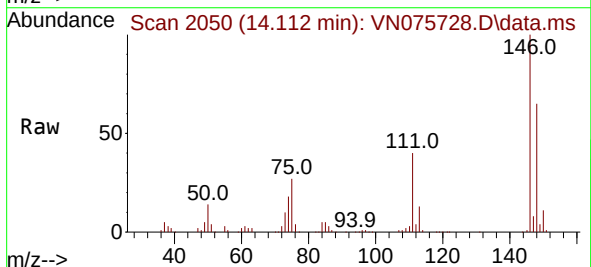
Tgt Ion:117 Resp: 91079
Ion Ratio Lower Upper
117 100
201 75.5 39.2 117.6

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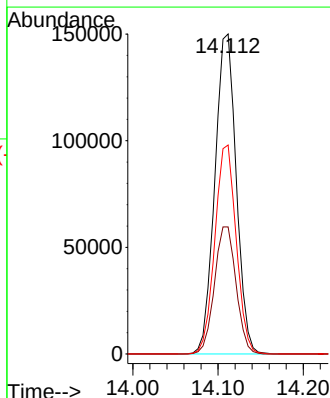
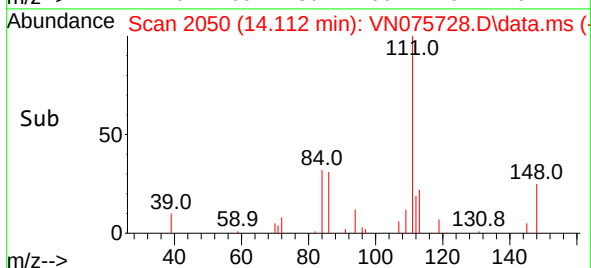
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

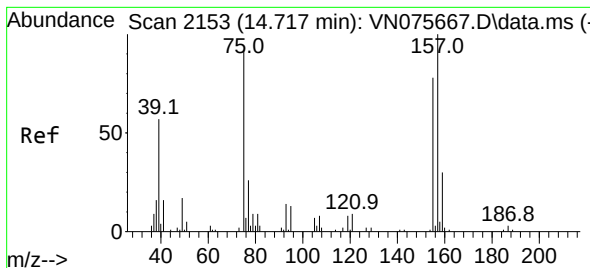


#91
1,2-Dichlorobenzene
Concen: 48.112 ug/l
RT: 14.112 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16



Tgt Ion:146 Resp: 261741
Ion Ratio Lower Upper
146 100
111 40.1 20.1 60.3
148 65.2 31.9 95.5





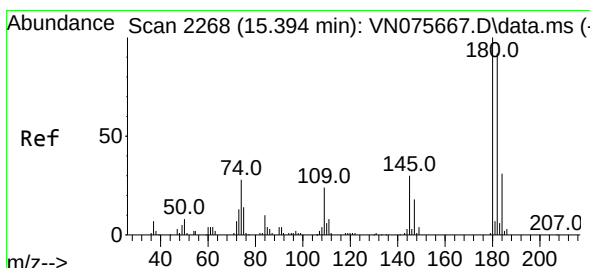
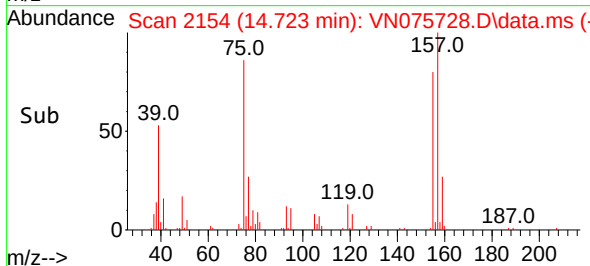
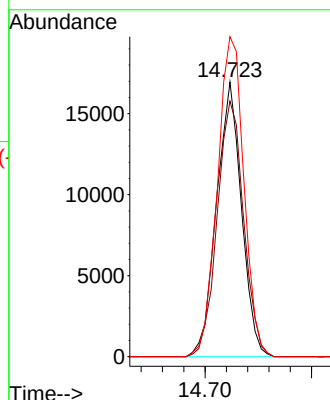
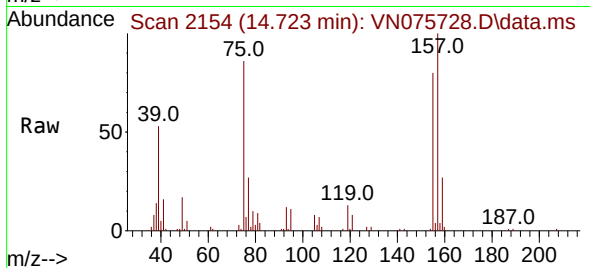
#92
1,2-Dibromo-3-Chloropropane
Concen: 47.947 ug/l
RT: 14.723 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion: 75 Resp: 2751
Ion Ratio Lower Upper
75 100
155 98.5 48.4 145.2
157 123.9 63.5 190.6

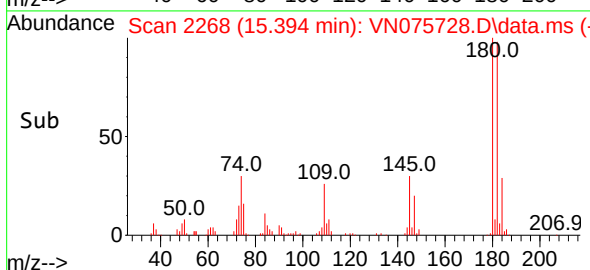
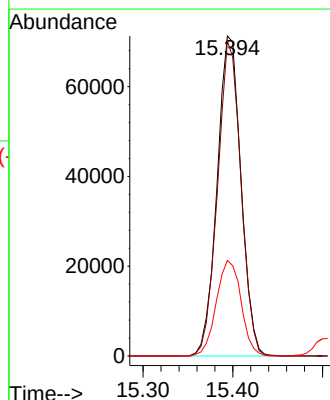
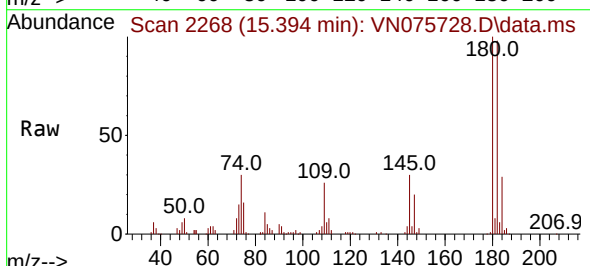
Manual Integrations
APPROVED

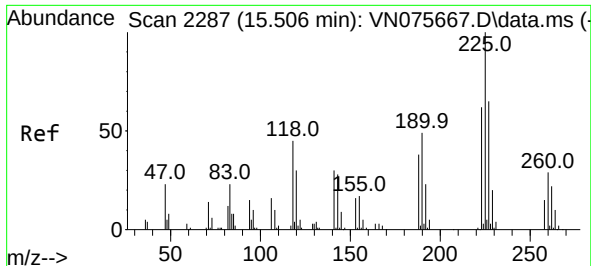
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#93
1,2,4-Trichlorobenzene
Concen: 50.424 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Tgt Ion:180 Resp: 131703
Ion Ratio Lower Upper
180 100
182 96.0 47.1 141.3
145 30.9 15.2 45.5





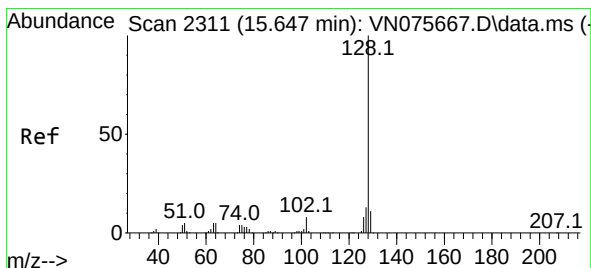
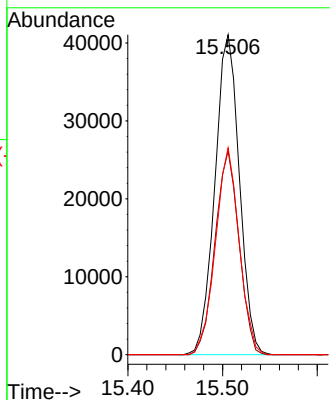
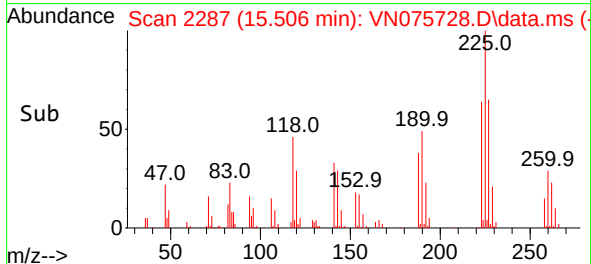
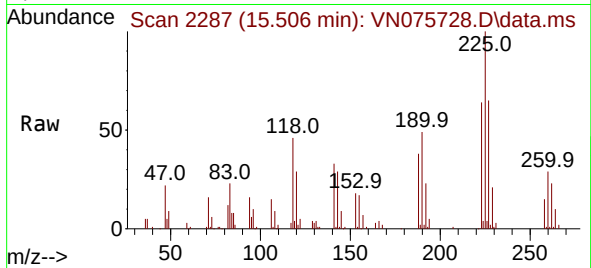
#94
Hexachlorobutadiene
Concen: 49.820 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MS

Tgt Ion:225 Resp: 73830
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.2
227 62.6 31.3 93.9

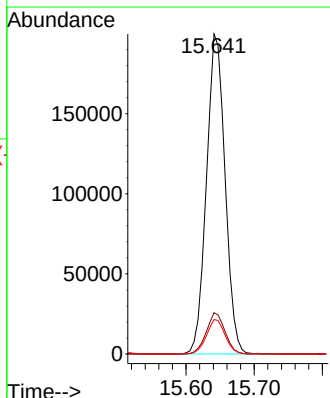
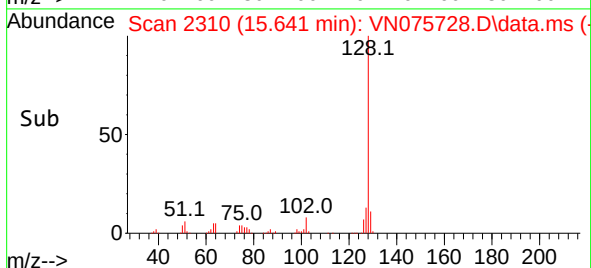
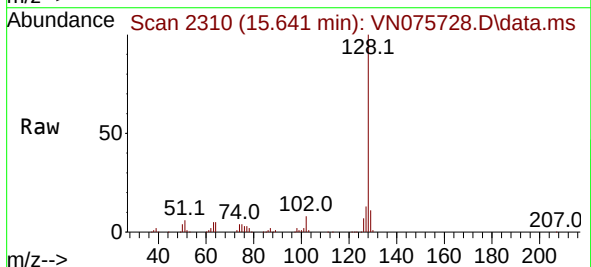
Manual Integrations
APPROVED

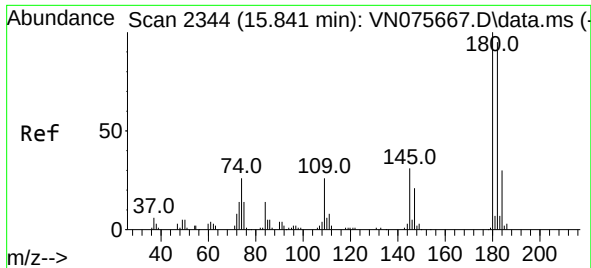
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#95
Naphthalene
Concen: 49.115 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075728.D
Acq: 12 Dec 2022 21:16

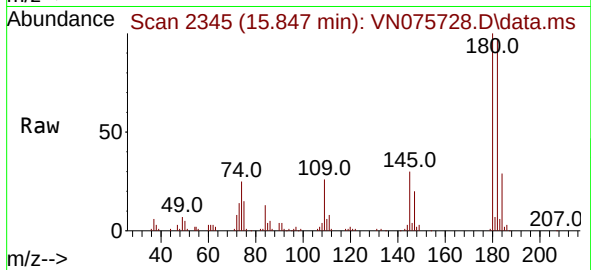
Tgt Ion:128 Resp: 379152
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 49.892 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075728.D
 Acq: 12 Dec 2022 21:16

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MS



Tgt Ion:180 Resp: 128040
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.8 140.4
 145 31.7 15.6 46.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

