

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075729.D
 Acq On : 12 Dec 2022 21:40
 Operator : JC\MD
 Sample : N5978-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD

Quant Time: Dec 13 01:35:52 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	211182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	342451	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	316344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	162265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	113780	50.779	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.560%			
35) Dibromofluoromethane	8.171	113	106125	50.793	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.580%			
50) Toluene-d8	10.571	98	401477	51.167	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.340%			
62) 4-Bromofluorobenzene	12.853	95	140546	52.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.780%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	77610	49.967	ug/l	99
3) Chloromethane	2.377	50	87915	47.507	ug/l	100
4) Vinyl Chloride	2.524	62	112442	49.465	ug/l	100
5) Bromomethane	2.948	94	91676	47.353	ug/l	96
6) Chloroethane	3.124	64	82892	48.874	ug/l	100
7) Trichlorofluoromethane	3.506	101	168428	51.068	ug/l	98
8) Diethyl Ether	3.977	74	61385	50.911	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	95587	49.385	ug/l	99
10) Methyl Iodide	4.606	142	158508	50.114	ug/l	100
11) Tert butyl alcohol	5.536	59	71035	214.293	ug/l	99
12) 1,1-Dichloroethene	4.359	96	93340	51.593	ug/l	95
13) Acrolein	4.195	56	116328	304.703	ug/l	100
14) Allyl chloride	5.036	41	108326	48.082	ug/l	99
15) Acrylonitrile	5.730	53	213019	248.787	ug/l	99
16) Acetone	4.436	43	158839	209.323	ug/l	97
17) Carbon Disulfide	4.724	76	240092	50.154	ug/l	100
18) Methyl Acetate	5.042	43	105516	43.274	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	348836	57.320	ug/l	98
20) Methylene Chloride	5.295	84	108106	47.789	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	101983	50.443	ug/l	94
22) Diisopropyl ether	6.683	45	282059	55.024	ug/l	99
23) Vinyl Acetate	6.612	43	1018830m	260.651	ug/l	
24) 1,1-Dichloroethane	6.583	63	174971	51.855	ug/l	99
25) 2-Butanone	7.494	43	263572	237.604	ug/l	100
26) 2,2-Dichloropropane	7.500	77	138413	48.097	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	128118	52.198	ug/l	99
28) Bromochloromethane	7.818	49	69094	51.214	ug/l	99
29) Tetrahydrofuran	7.847	42	171388	250.665	ug/l	99
30) Chloroform	7.971	83	198156	53.019	ug/l	99
31) Cyclohexane	8.265	56	159822	48.175	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	184028	53.371	ug/l	98
36) 1,1-Dichloropropene	8.377	75	144751	52.175	ug/l	99
37) Ethyl Acetate	7.565	43	108223	48.586	ug/l	98
38) Carbon Tetrachloride	8.371	117	163192	50.974	ug/l	100
39) Methylcyclohexane	9.606	83	189843	53.964	ug/l	98
40) Benzene	8.612	78	439238	51.589	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	59915	52.458	ug/l	98
42) 1,2-Dichloroethane	8.677	62	144576	50.761	ug/l	99
43) Isopropyl Acetate	8.694	43	189857	51.055	ug/l	100
44) Trichloroethene	9.359	130	119455	49.732	ug/l	97
45) 1,2-Dichloropropane	9.624	63	104410	51.561	ug/l	96
46) Dibromomethane	9.712	93	79833	52.511	ug/l	99
47) Bromodichloromethane	9.888	83	159028	53.350	ug/l	96
48) Methyl methacrylate	9.682	41	90231	52.684	ug/l	99
49) 1,4-Dioxane	9.700	88	38083	914.738	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	584928	255.094	ug/l	100
52) Toluene	10.635	92	298343	53.014	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	161811	54.963	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	173759	53.050	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	115696	52.287	ug/l	97
56) Ethyl methacrylate	10.877	69	162155	54.084	ug/l	99
57) 1,3-Dichloropropane	11.165	76	184970	51.719	ug/l	99
59) 2-Hexanone	11.200	43	424530	254.835	ug/l	99
60) Dibromochloromethane	11.359	129	132054	54.235	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118295	51.028	ug/l	99
64) Tetrachloroethene	11.106	164	104426	45.319	ug/l	97
65) Chlorobenzene	11.894	112	322667	49.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	121594	51.347	ug/l	100
67) Ethyl Benzene	11.965	91	579441	52.624	ug/l	99
68) m/p-Xylenes	12.076	106	464341	104.367	ug/l	100
69) o-Xylene	12.400	106	229927	53.256	ug/l	98
70) Styrene	12.412	104	378468	54.657	ug/l	99
71) Bromoform	12.582	173	95437	53.168	ug/l #	99
73) Isopropylbenzene	12.700	105	604629	51.895	ug/l	100
74) N-amyl acetate	12.494	43	178103	52.612	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	166815	47.663	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	140030m	42.971	ug/l	
77) Bromobenzene	12.982	156	144393	49.281	ug/l	99
78) n-propylbenzene	13.041	91	691218	53.465	ug/l	99
79) 2-Chlorotoluene	13.129	91	403409	50.542	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	518854	53.266	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	44219	44.522	ug/l	98
82) 4-Chlorotoluene	13.129	91	403409	50.542	ug/l	99
83) tert-Butylbenzene	13.441	119	460924	52.180	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	523390	53.461	ug/l	100
85) sec-Butylbenzene	13.618	105	654002	53.855	ug/l	99
86) p-Isopropyltoluene	13.729	119	556706	54.789	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	276395	50.442	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	276764	49.657	ug/l	100
89) n-Butylbenzene	14.059	91	462673	56.812	ug/l	98
90) Hexachloroethane	14.335	117	94445	54.265	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	271070	49.715	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28382	49.351	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	138791	53.019	ug/l	100
94) Hexachlorobutadiene	15.506	225	73353	49.388	ug/l	98
95) Naphthalene	15.641	128	405100	52.359	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	133653	51.960	ug/l	99

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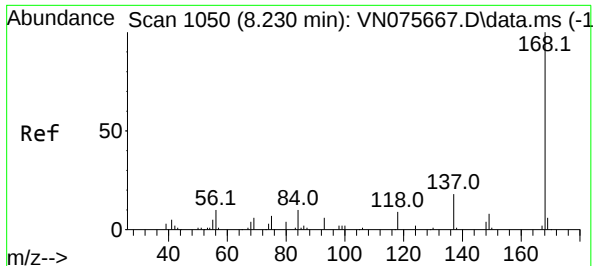
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
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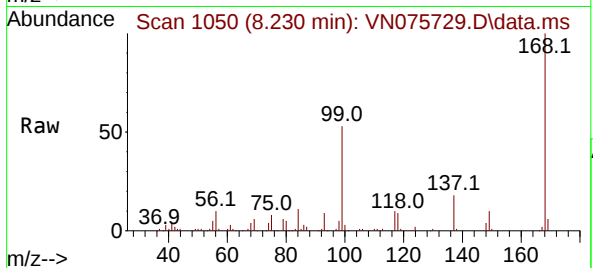
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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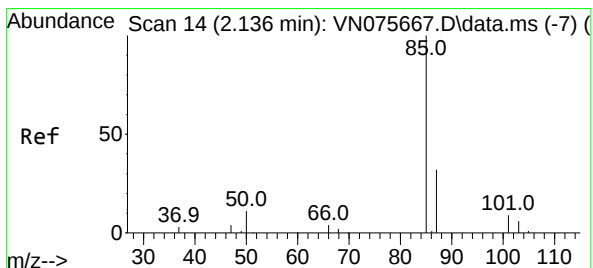
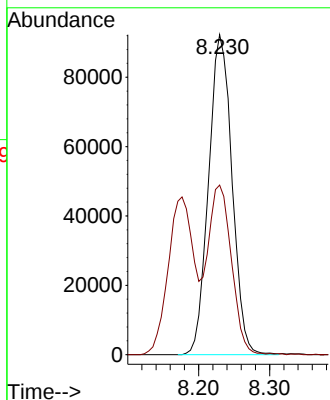
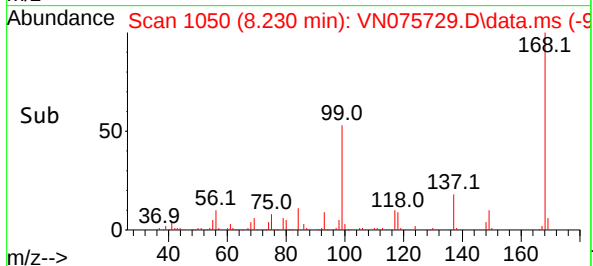
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion:168 Resp: 21118
Ion Ratio Lower Upper
168 100
99 52.7 41.2 61.8

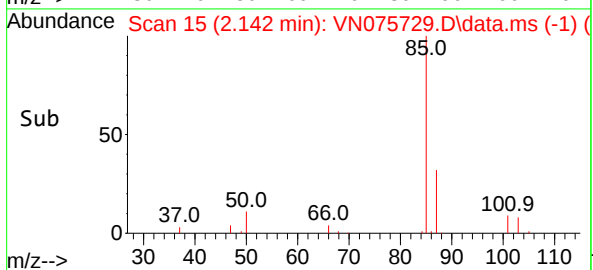
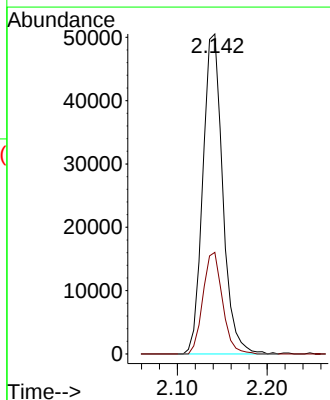
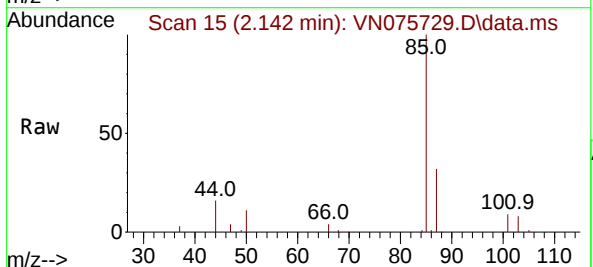
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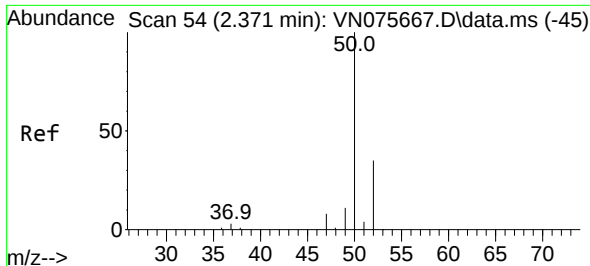
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 49.967 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 85 Resp: 77610
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2





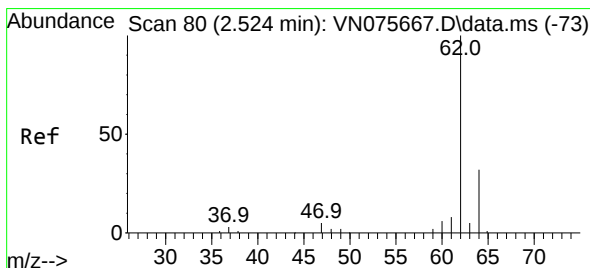
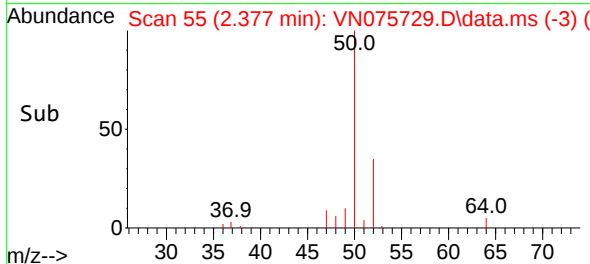
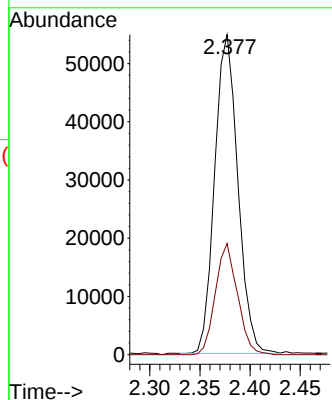
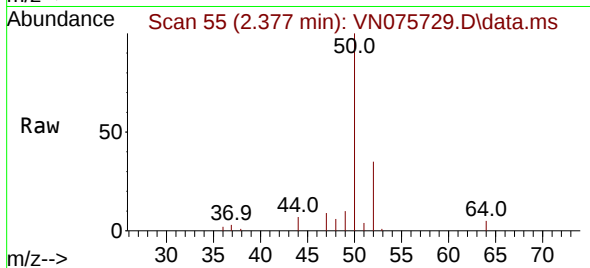
#3
Chloromethane
Concen: 47.507 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 87915
Ion Ratio Lower Upper
50 100
52 34.9 27.9 41.9

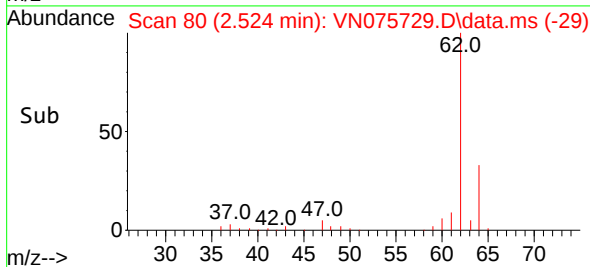
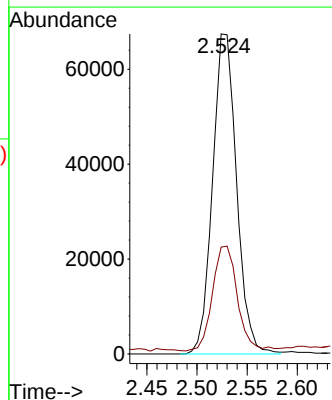
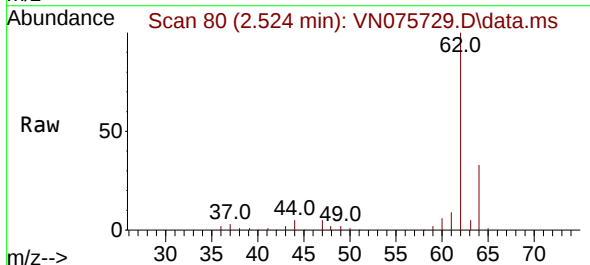
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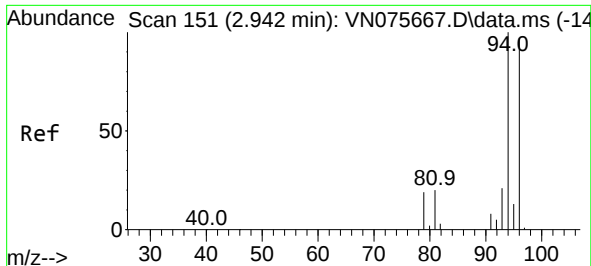
Reviewed By :John Carlone 12/13/2022
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#4
Vinyl Chloride
Concen: 49.465 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

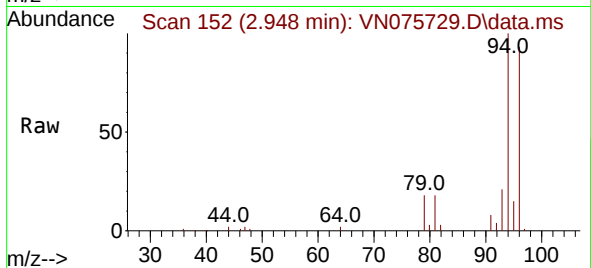
Tgt Ion: 62 Resp: 112442
Ion Ratio Lower Upper
62 100
64 32.3 25.9 38.9





#5
Bromomethane
Concen: 47.353 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

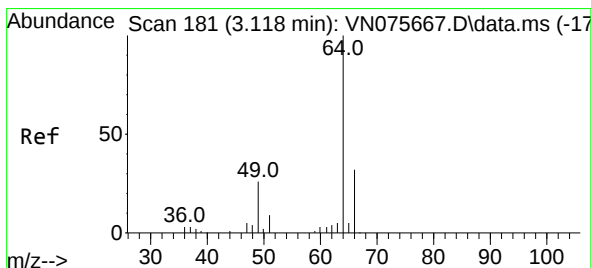
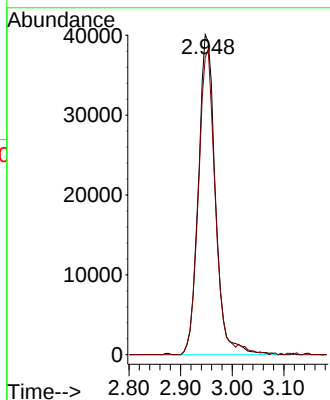
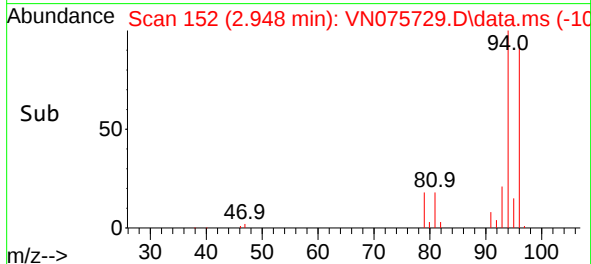
Instrument :
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Tgt Ion: 94 Resp: 91670
Ion Ratio Lower Upper
94 100
96 93.1 77.6 116.4

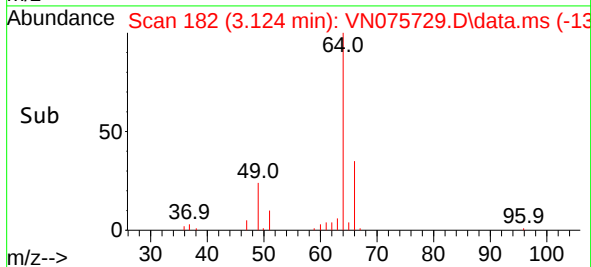
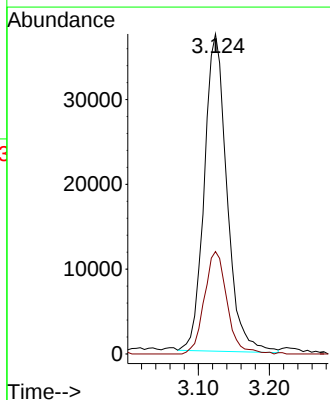
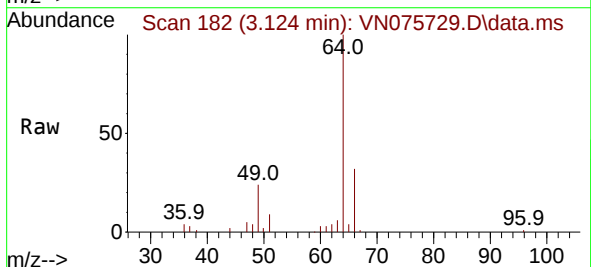
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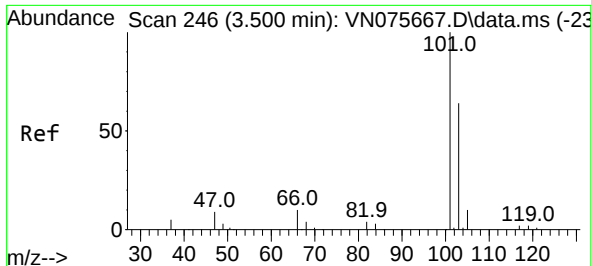
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 48.874 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075729.D
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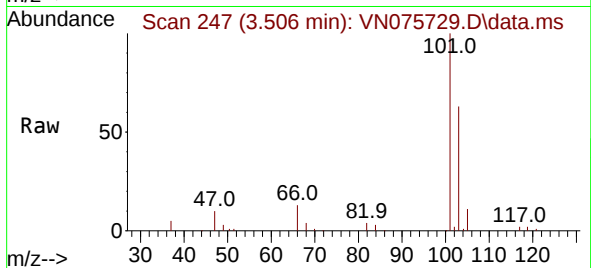
Tgt Ion: 64 Resp: 82892
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5





#7
Trichlorofluoromethane
Concen: 51.068 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

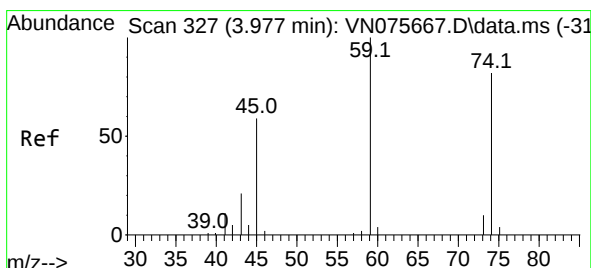
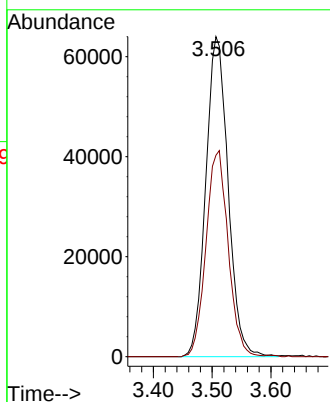
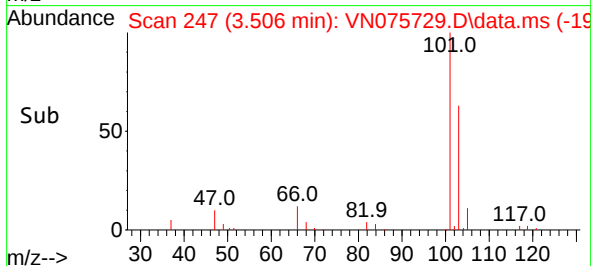
Instrument :
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TOLL-MW-07MSD



Tgt Ion:101 Resp: 168428
Ion Ratio Lower Upper
101 100
103 63.0 51.4 77.2

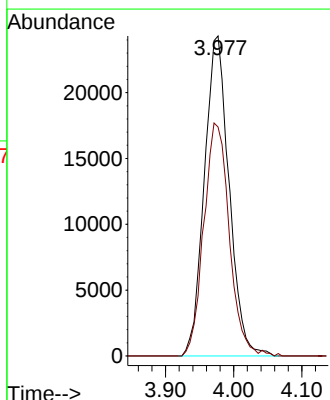
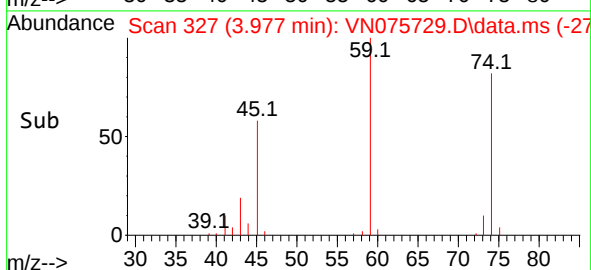
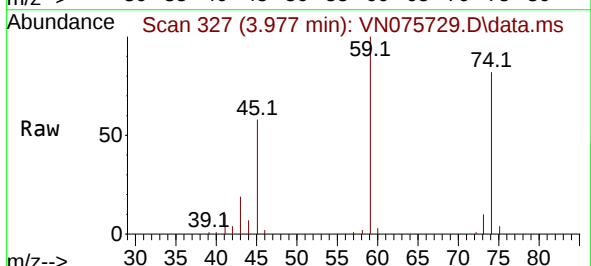
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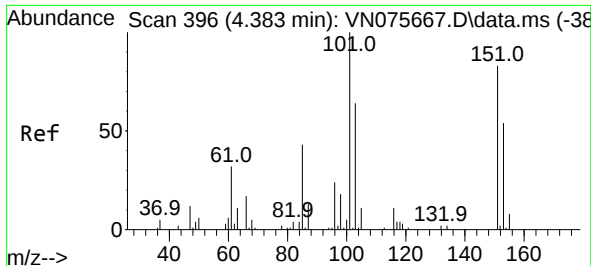
Reviewed By :John Carlone 12/13/2022
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#8
Diethyl Ether
Concen: 50.911 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 74 Resp: 61385
Ion Ratio Lower Upper
74 100
45 75.1 36.8 110.4





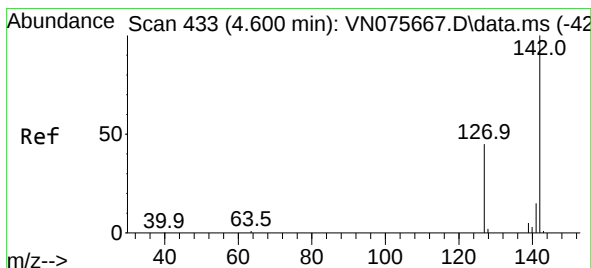
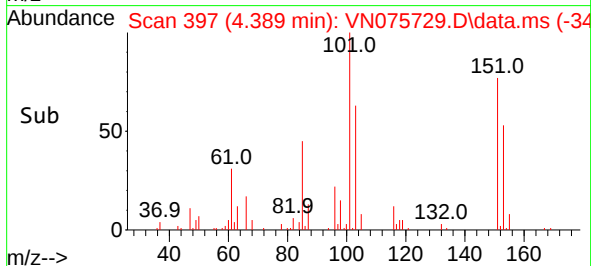
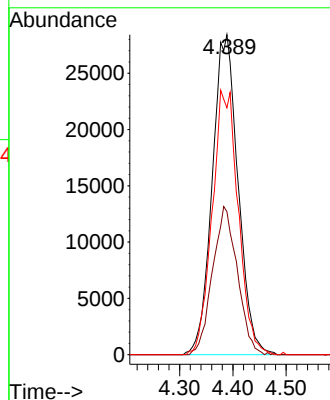
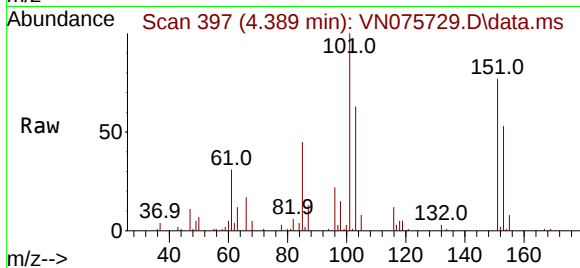
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.385 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion:101 Resp: 9558
Ion Ratio Lower Upper
101 100
85 44.5 35.3 52.9
151 83.4 65.6 98.4

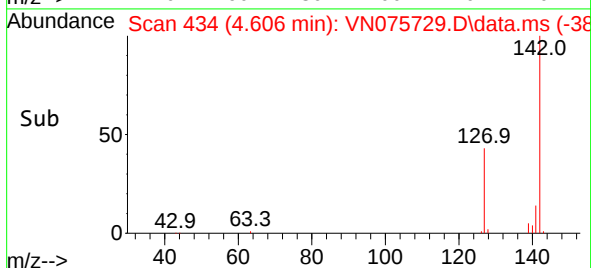
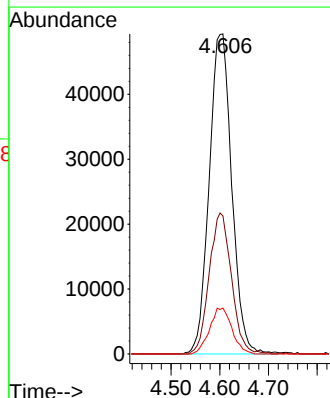
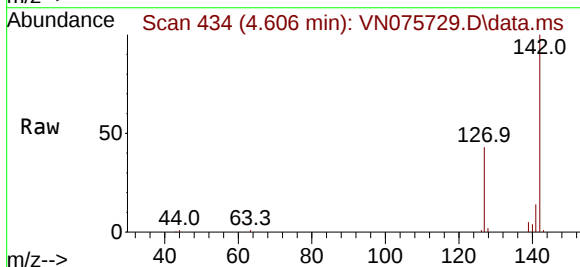
Manual Integrations
APPROVED

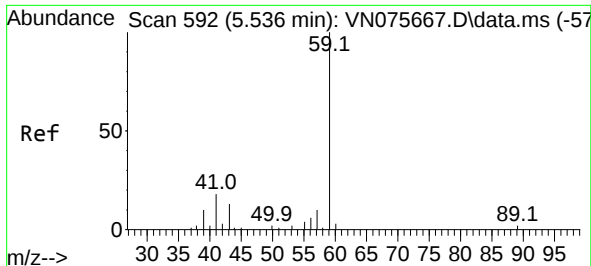
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 50.114 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

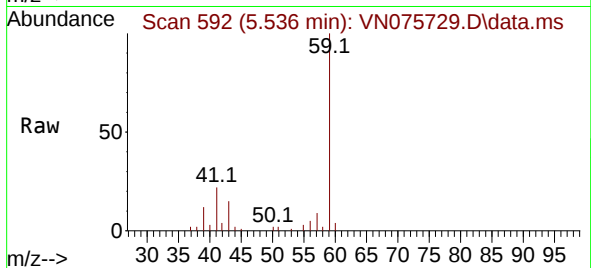
Tgt Ion:142 Resp: 158508
Ion Ratio Lower Upper
142 100
127 43.3 35.0 52.4
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 214.293 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

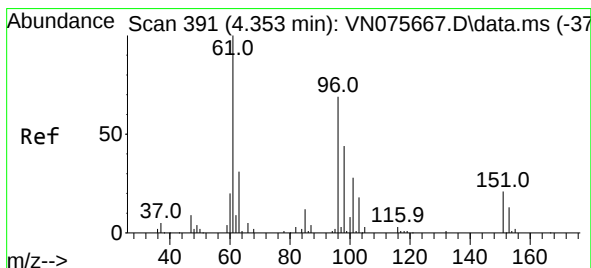
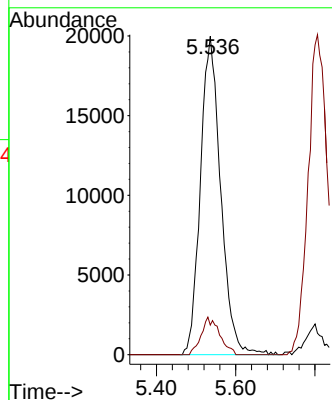
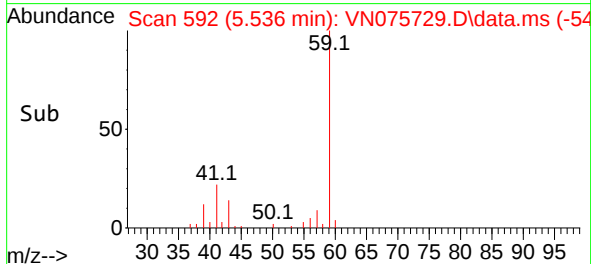
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 59 Resp: 71035
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

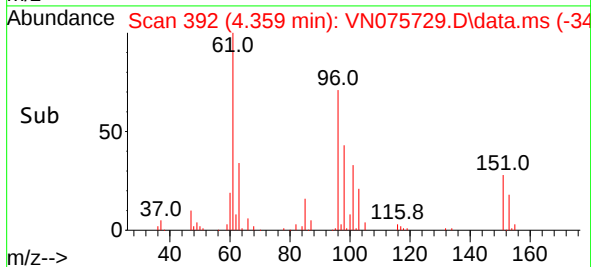
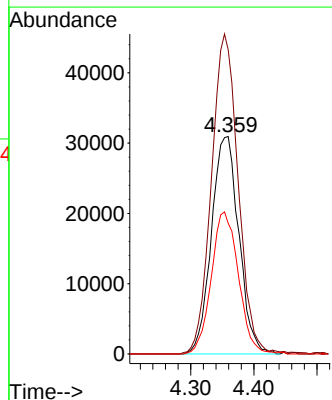
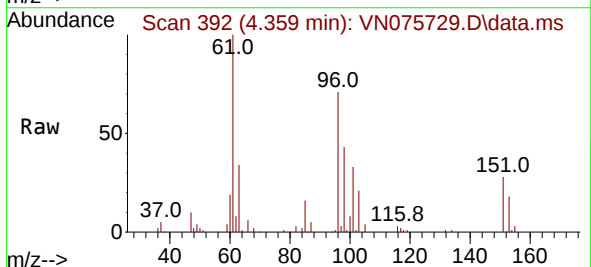
Manual Integrations
APPROVED

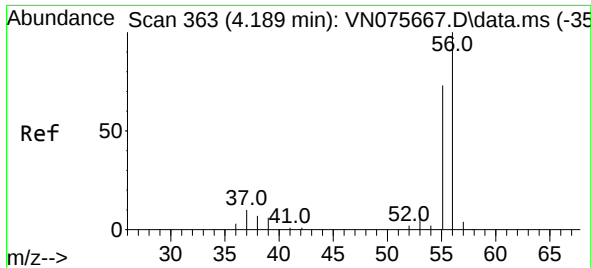
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#12
1,1-Dichloroethene
Concen: 51.593 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 96 Resp: 93340
Ion Ratio Lower Upper
96 100
61 139.9 116.8 175.2
98 60.1 51.6 77.4





#13

Acrolein

Concen: 304.703 ug/l

RT: 4.195 min Scan# 30

Delta R.T. 0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 56 Resp: 116328

Ion Ratio Lower Upper

56 100

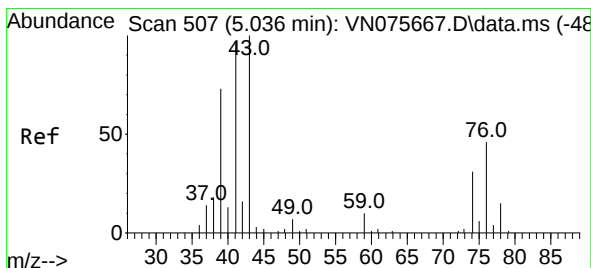
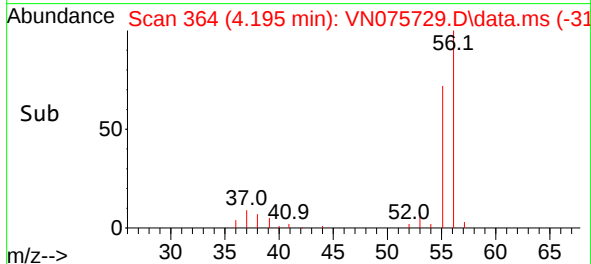
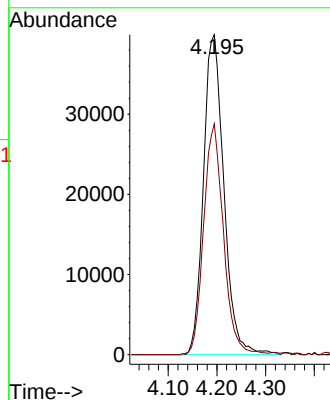
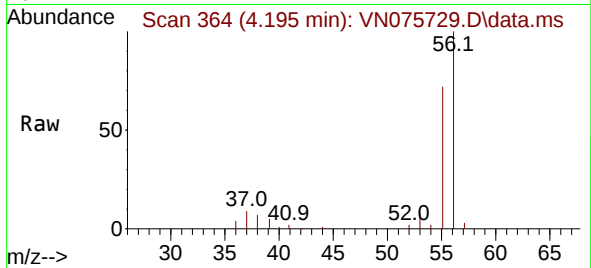
55 69.8 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#14

Allyl chloride

Concen: 48.082 ug/l

RT: 5.036 min Scan# 507

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

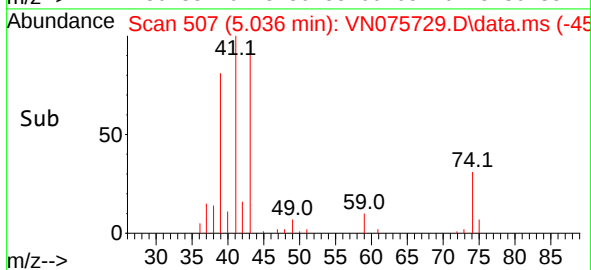
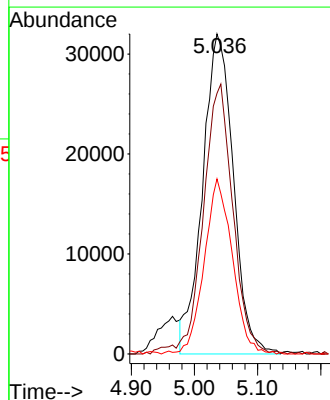
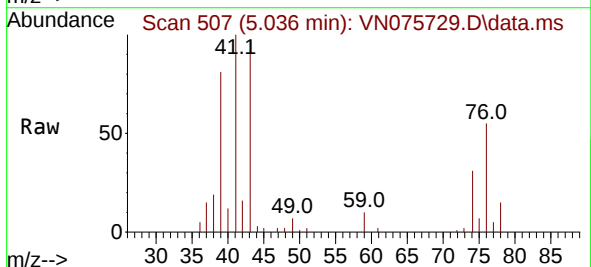
Tgt Ion: 41 Resp: 108326

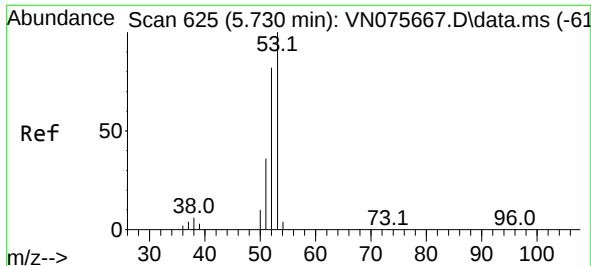
Ion Ratio Lower Upper

41 100

39 81.5 64.6 96.8

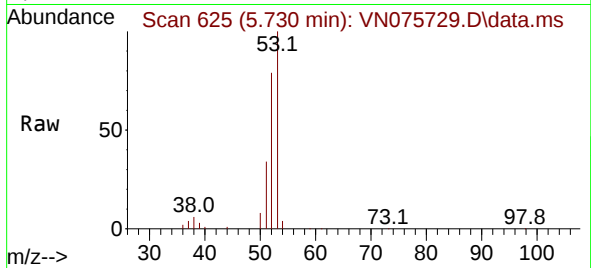
76 49.9 40.9 61.3





#15
Acrylonitrile
Concen: 248.787 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

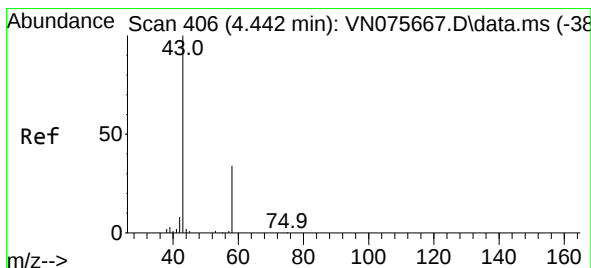
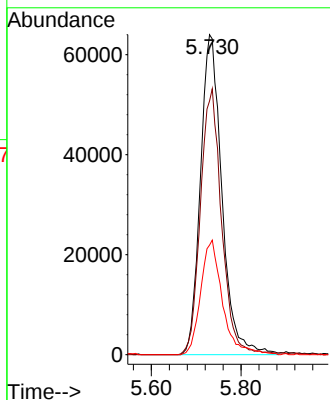
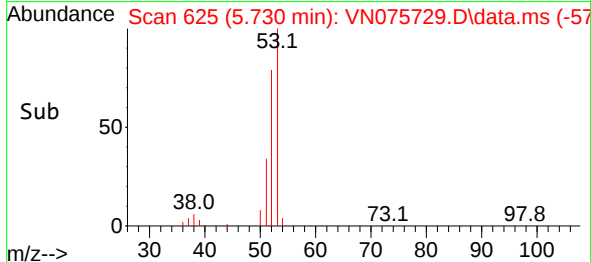
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 53 Resp: 213019
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 36.3 28.9 43.3

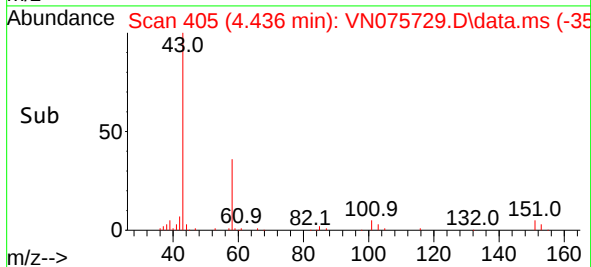
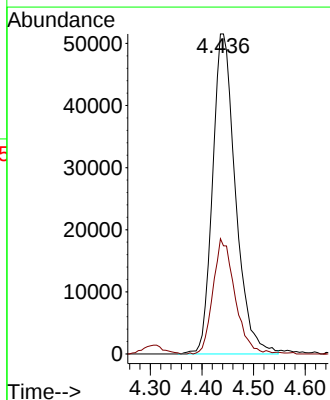
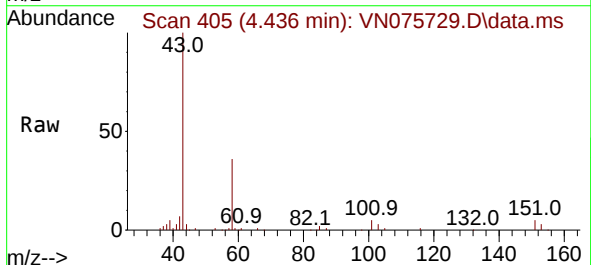
Manual Integrations
APPROVED

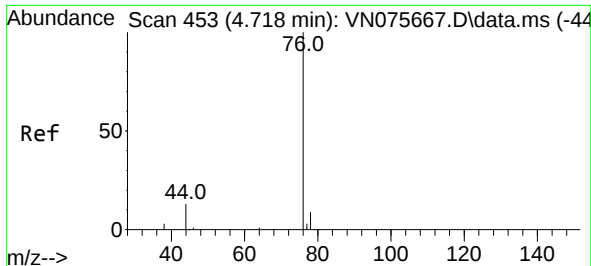
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 209.323 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 43 Resp: 158839
Ion Ratio Lower Upper
43 100
58 35.7 27.0 40.4





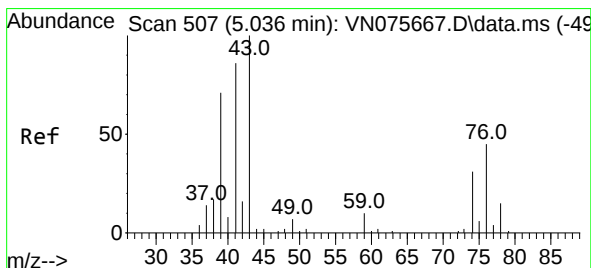
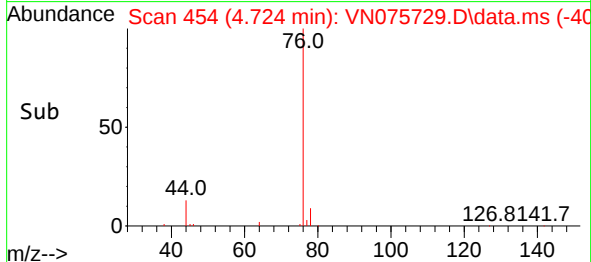
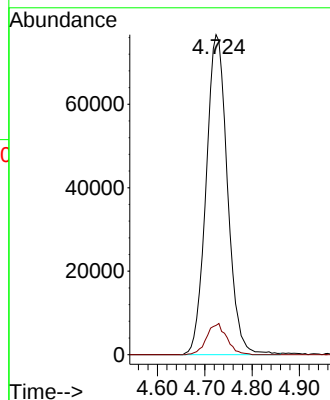
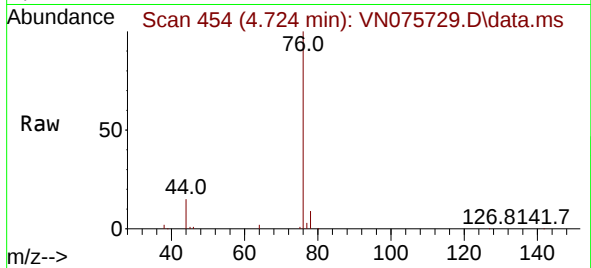
#17
Carbon Disulfide
Concen: 50.154 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 76 Resp: 240092
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

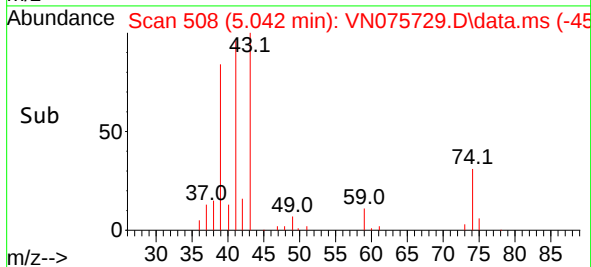
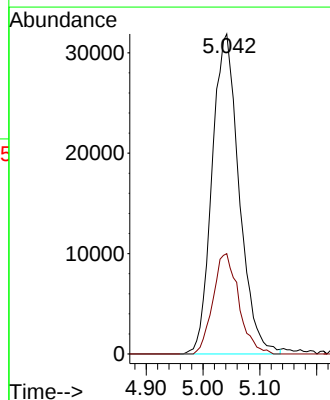
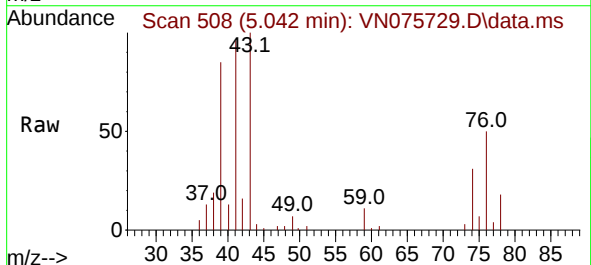
Manual Integrations
APPROVED

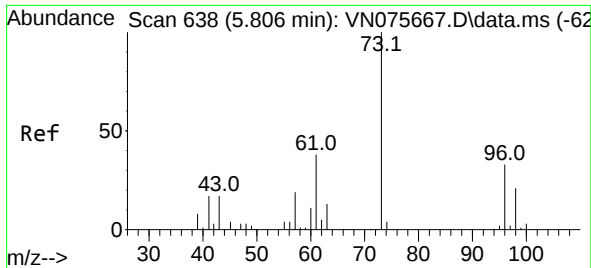
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 43.274 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 43 Resp: 105516
Ion Ratio Lower Upper
43 100
74 29.8 24.5 36.7





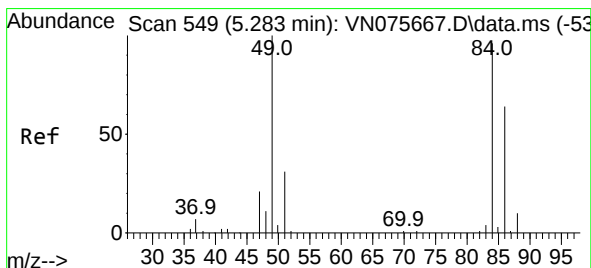
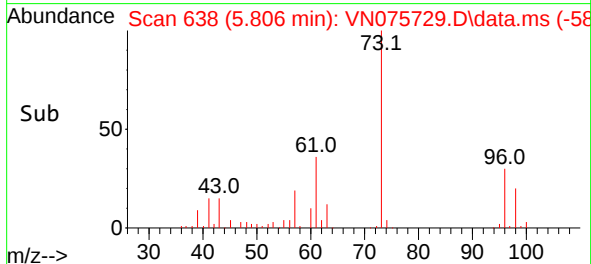
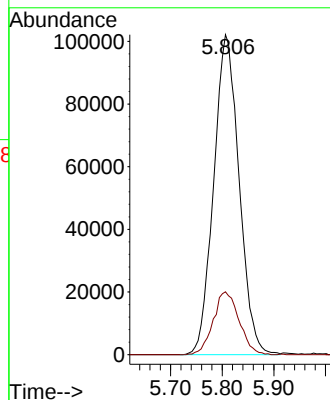
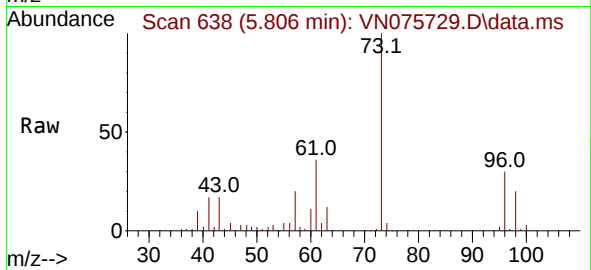
#19
Methyl tert-butyl Ether
Concen: 57.320 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 73 Resp: 348830
Ion Ratio Lower Upper
73 100
57 19.7 15.1 22.7

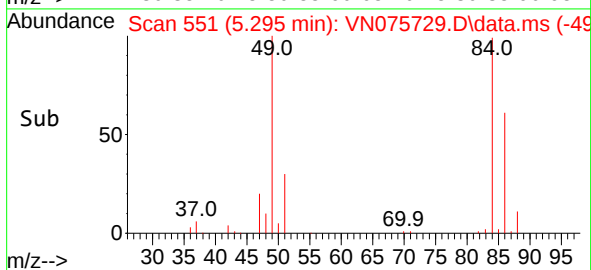
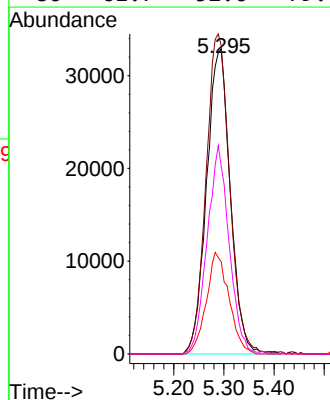
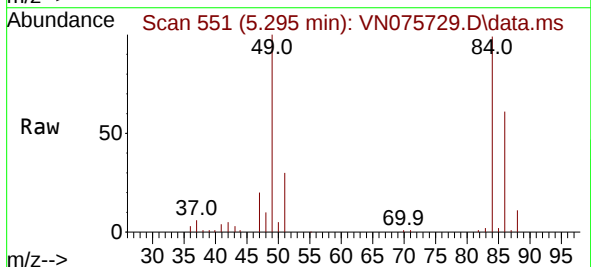
Manual Integrations
APPROVED

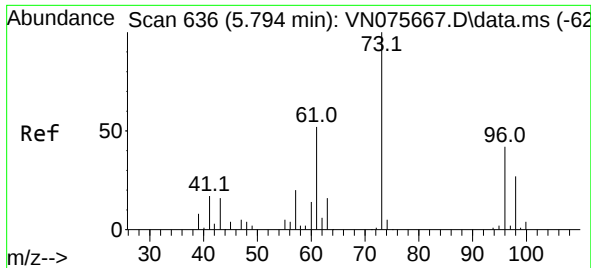
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 47.789 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.012 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 84 Resp: 108106
Ion Ratio Lower Upper
84 100
49 101.2 83.0 124.4
51 30.3 26.0 39.0
86 61.7 52.6 79.0





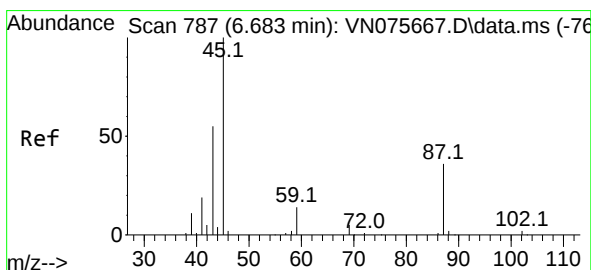
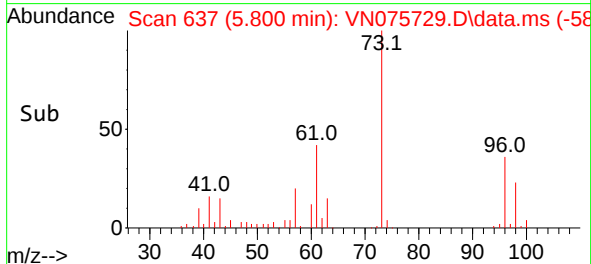
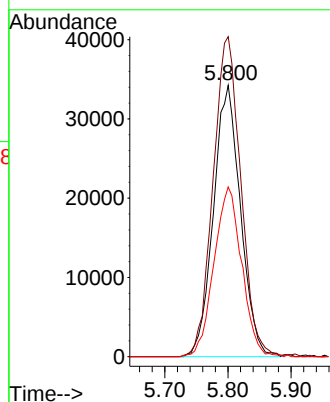
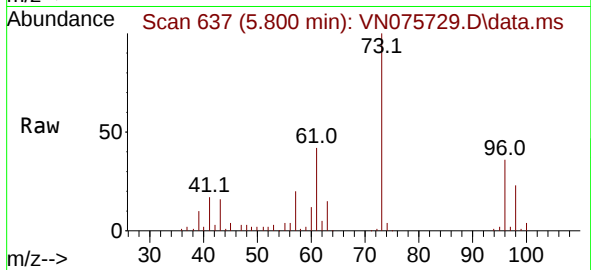
#21
trans-1,2-Dichloroethene
Concen: 50.443 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 96 Resp: 10198
Ion Ratio Lower Upper
96 100
61 117.9 100.5 150.7
98 62.6 52.7 79.1

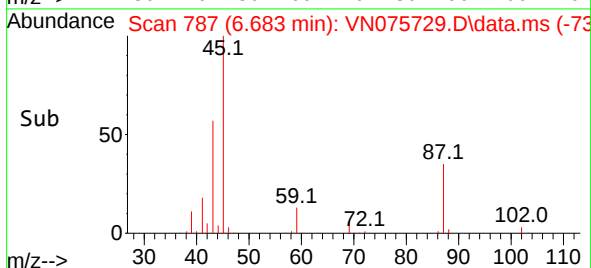
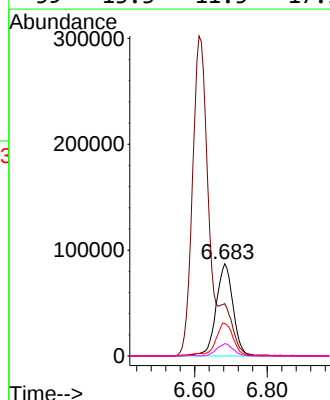
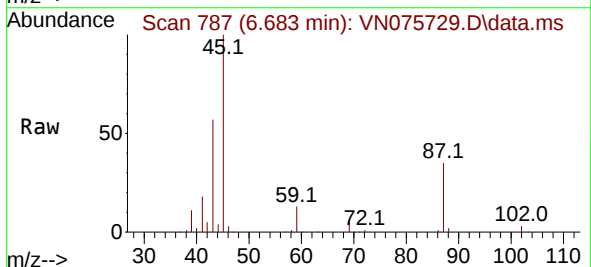
Manual Integrations
APPROVED

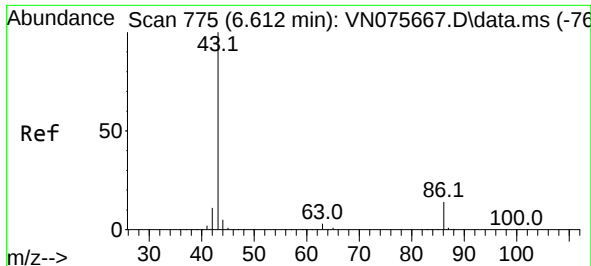
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 55.024 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

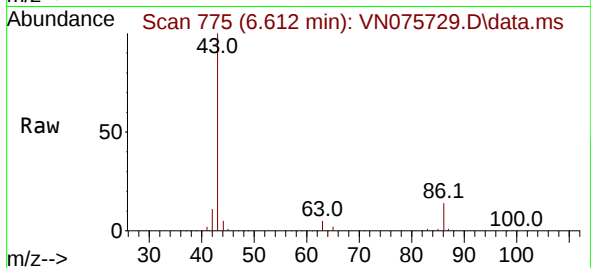
Tgt Ion: 45 Resp: 282059
Ion Ratio Lower Upper
45 100
43 56.0 44.9 67.3
87 35.2 28.8 43.2
59 13.3 11.5 17.3





#23
 Vinyl Acetate
 Concen: 260.651 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075729.D
 Acq: 12 Dec 2022 21:40

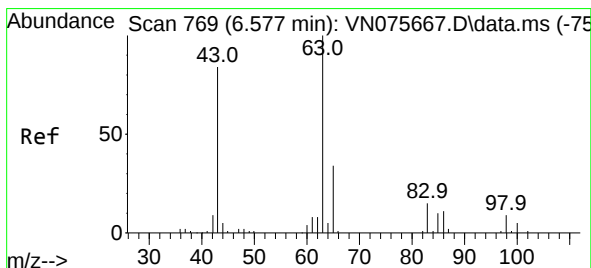
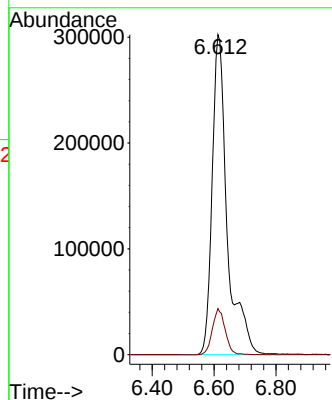
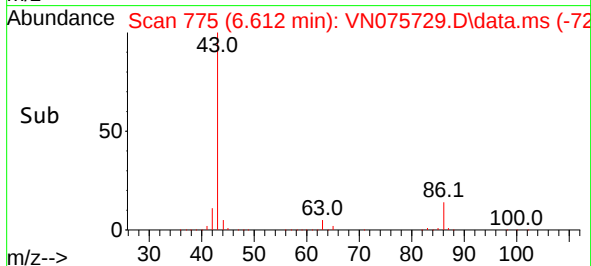
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



Tgt Ion: 43 Resp: 1018830
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3

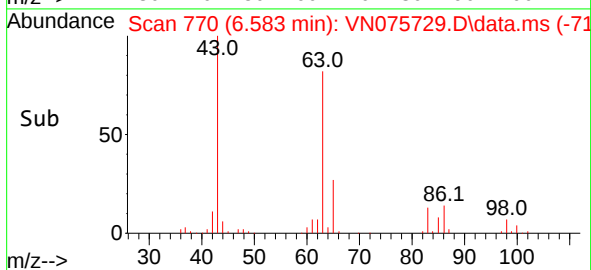
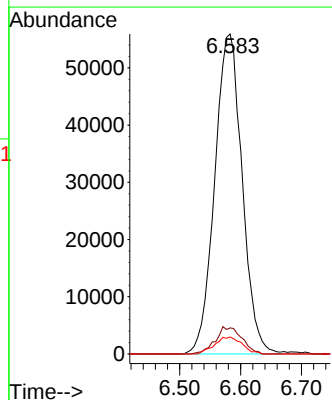
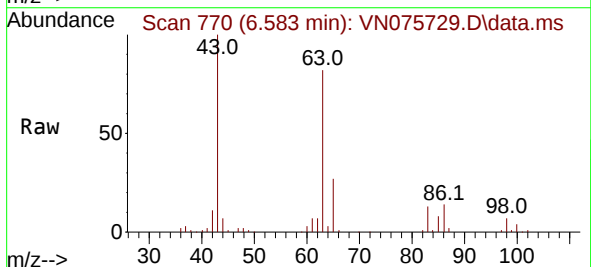
Manual Integrations
 APPROVED

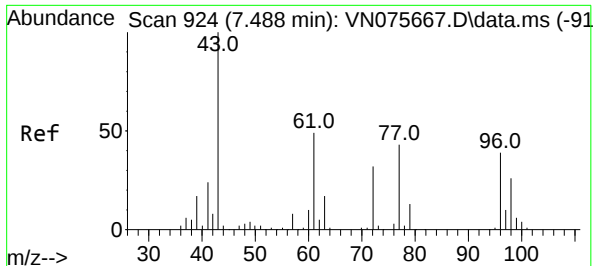
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 51.855 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075729.D
 Acq: 12 Dec 2022 21:40

Tgt Ion: 63 Resp: 174971
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 12.9
 100 5.3 2.6 7.8





#25

2-Butanone

Concen: 237.604 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 43 Resp: 263572

Ion Ratio Lower Upper

43 100

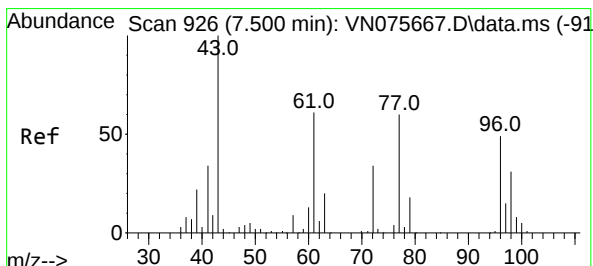
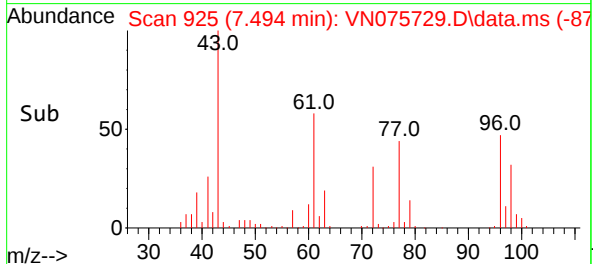
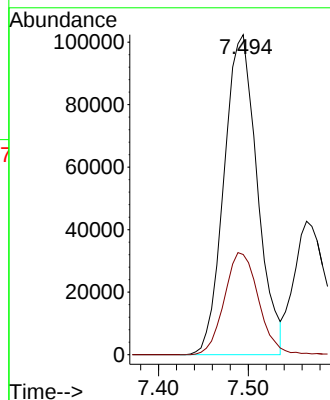
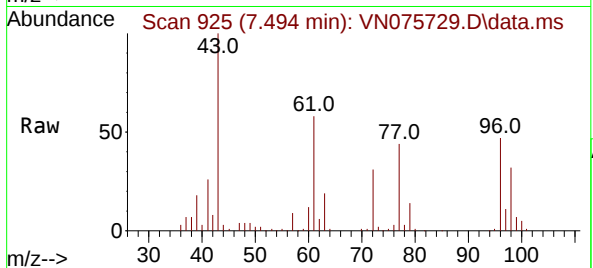
72 31.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 48.097 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075729.D

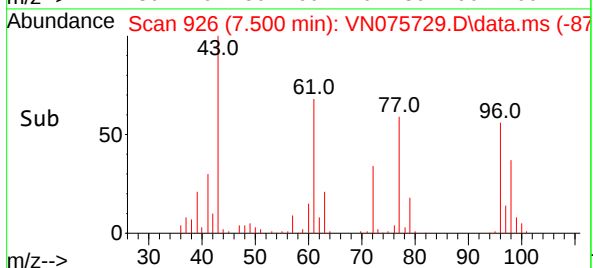
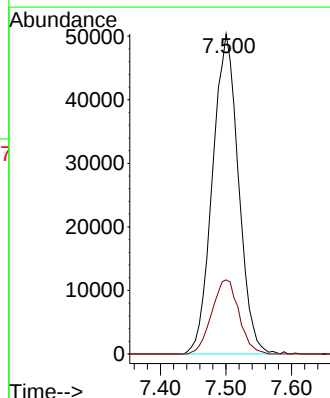
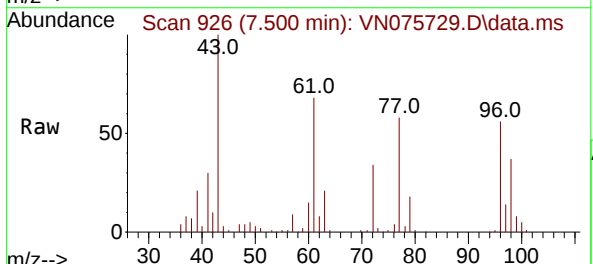
Acq: 12 Dec 2022 21:40

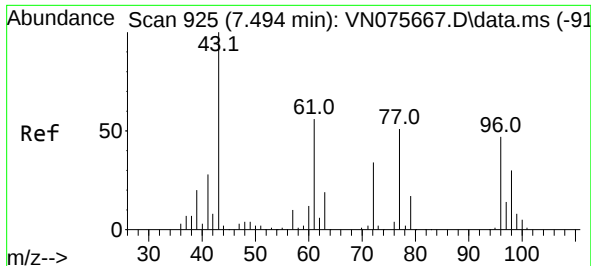
Tgt Ion: 77 Resp: 138413

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 52.198 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075729.D

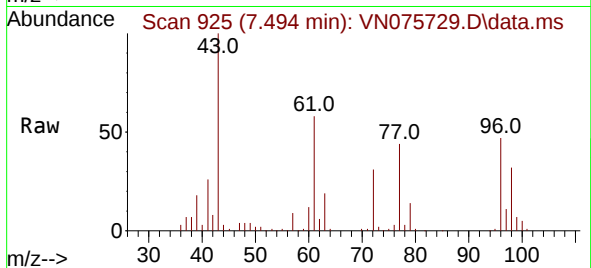
Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD



Tgt Ion: 96 Resp: 128118

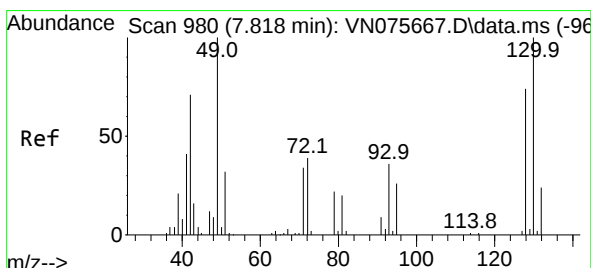
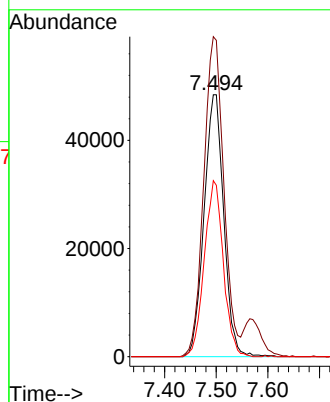
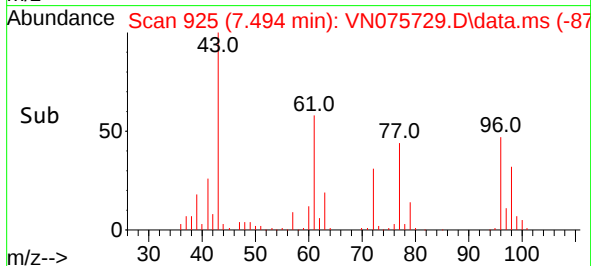
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	247.8
98	65.0	0.0	126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

Bromochloromethane

Concen: 51.214 ug/l

RT: 7.818 min Scan# 980

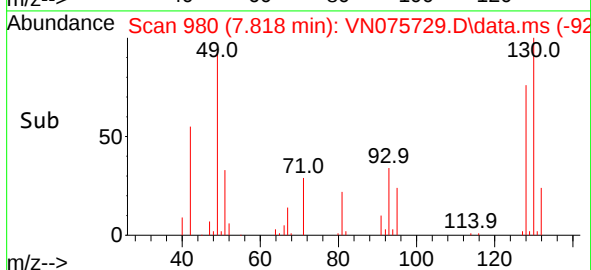
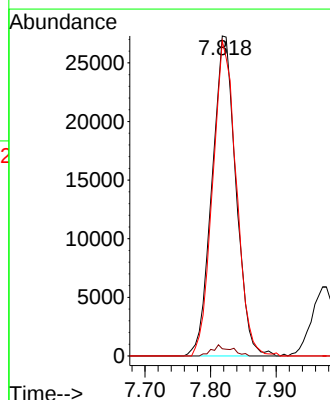
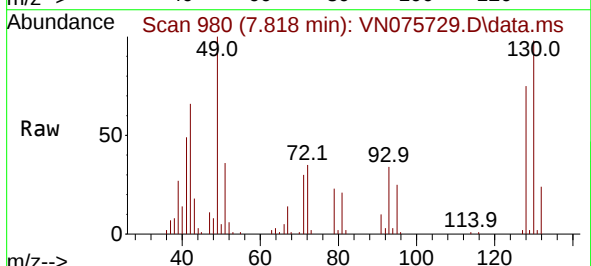
Delta R.T. 0.000 min

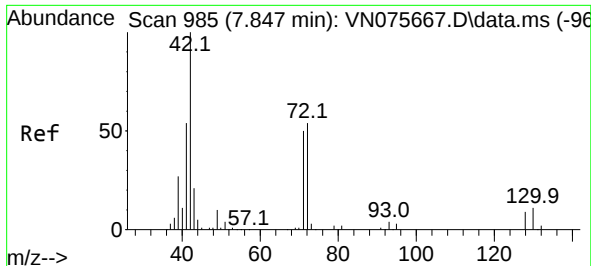
Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Tgt Ion: 49 Resp: 69094

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	97.1	78.5	117.7





#29

Tetrahydrofuran

Concen: 250.665 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 42 Resp: 17138

Ion Ratio Lower Upper

42 100

72 56.4 44.6 67.0

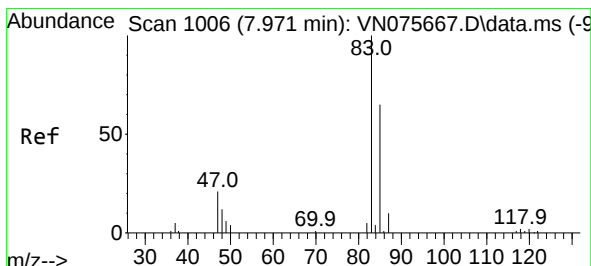
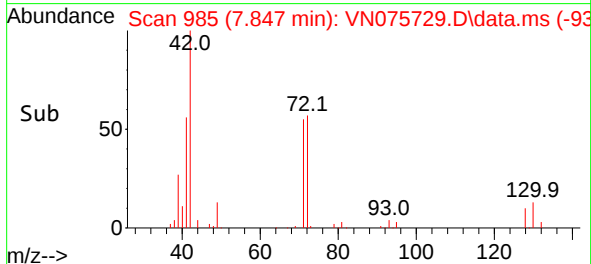
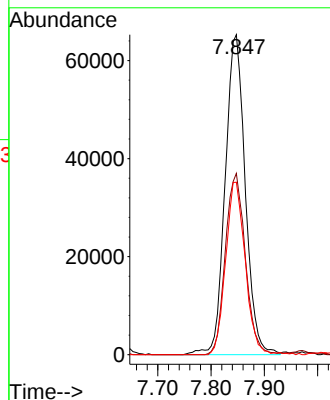
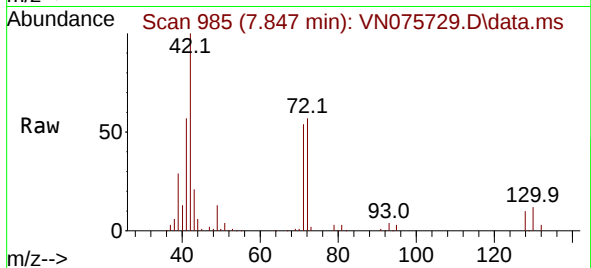
71 52.3 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

Chloroform

Concen: 53.019 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075729.D

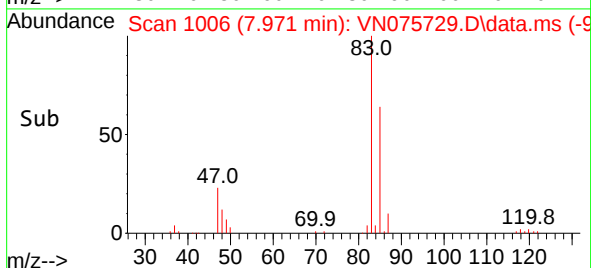
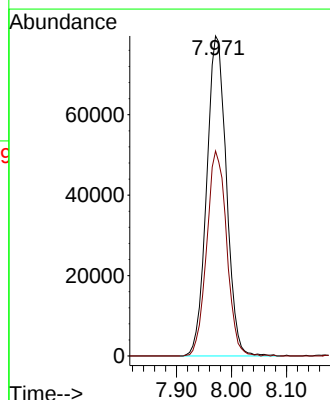
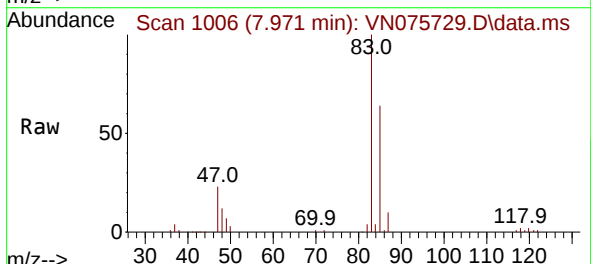
Acq: 12 Dec 2022 21:40

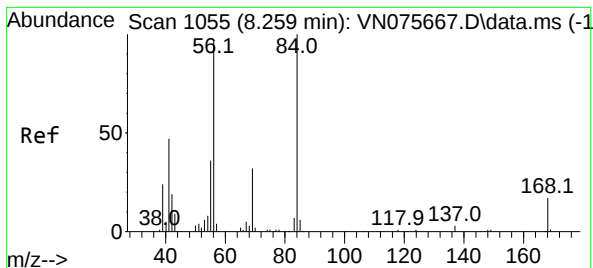
Tgt Ion: 83 Resp: 198156

Ion Ratio Lower Upper

83 100

85 64.1 51.8 77.6





#31

Cyclohexane

Concen: 48.175 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN075729.D

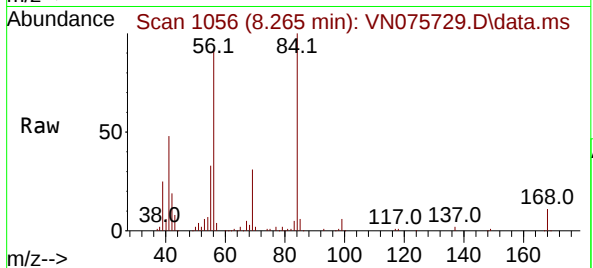
Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD



Tgt Ion: 56 Resp: 15982

Ion Ratio Lower Upper

56 100

69 34.1 26.2 39.2

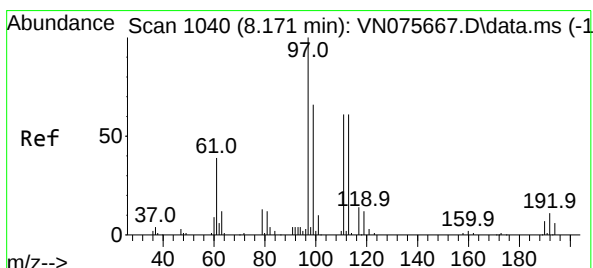
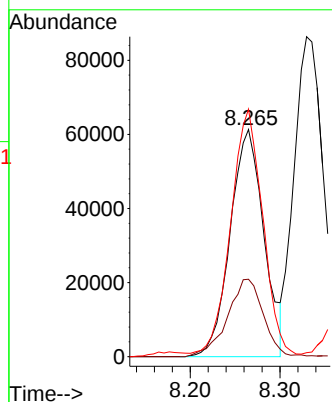
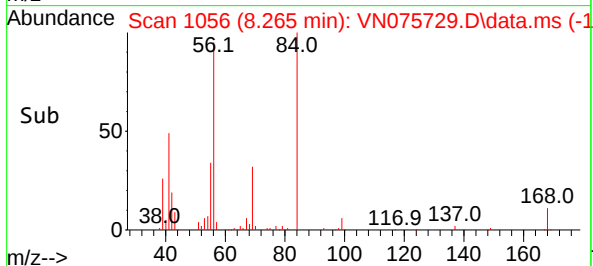
84 107.3 82.8 124.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#32

1,1,1-Trichloroethane

Concen: 53.371 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

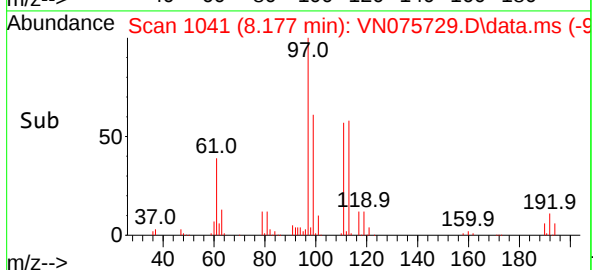
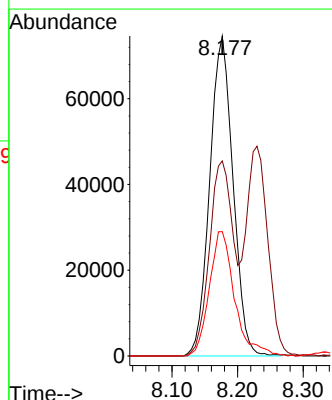
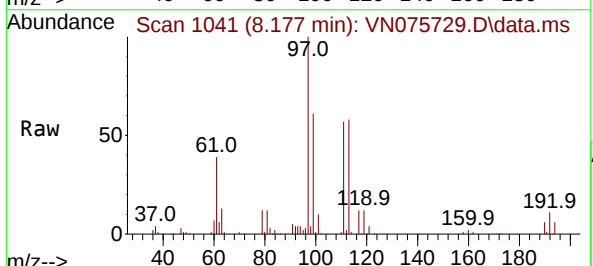
Tgt Ion: 97 Resp: 184028

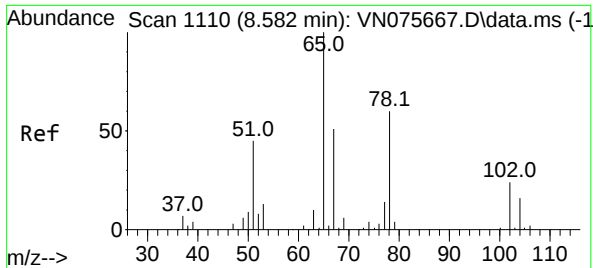
Ion Ratio Lower Upper

97 100

99 61.5 51.2 76.8

61 42.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 50.779 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 65 Resp: 113780

Ion Ratio Lower Upper

65 100

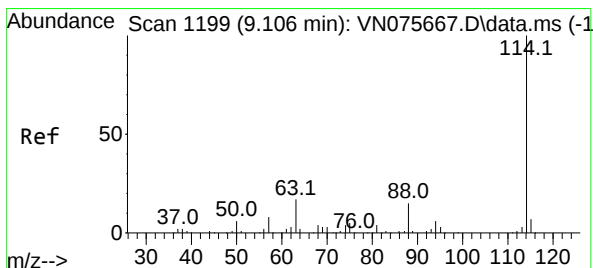
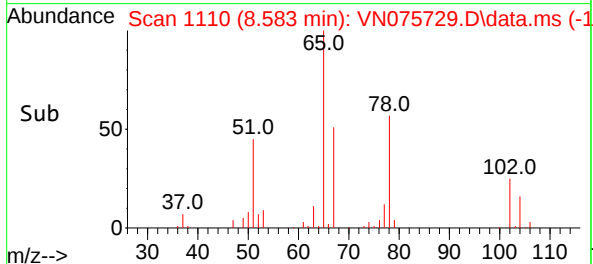
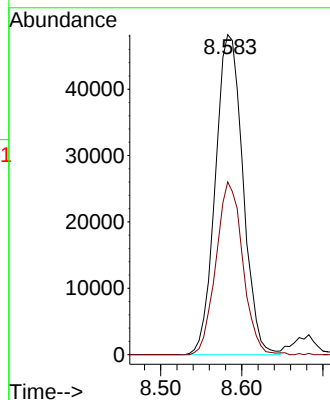
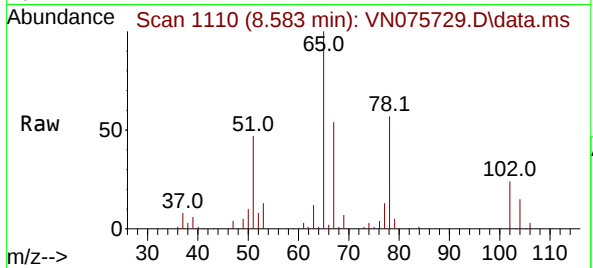
67 52.3 0.0 104.2

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: VN075729.D

Acq: 12 Dec 2022 21:40

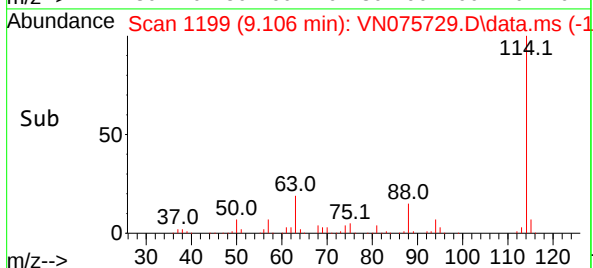
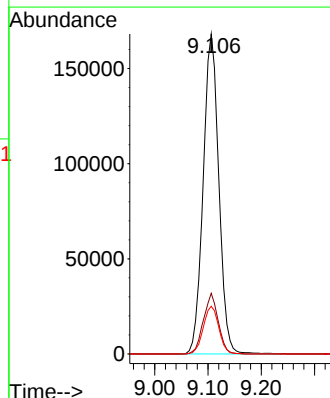
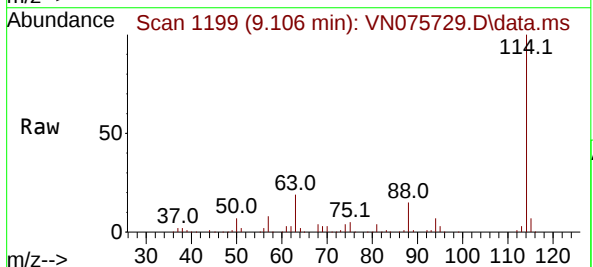
Tgt Ion:114 Resp: 342451

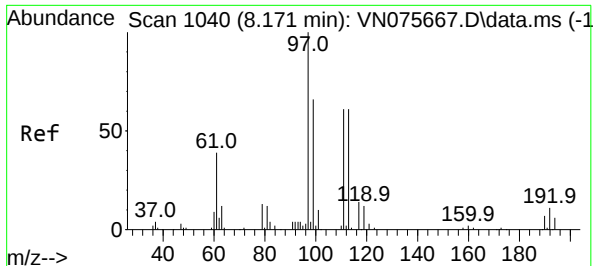
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.4

88 14.9 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.793 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075729.D

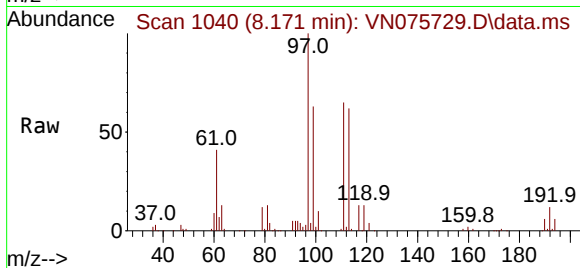
Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD



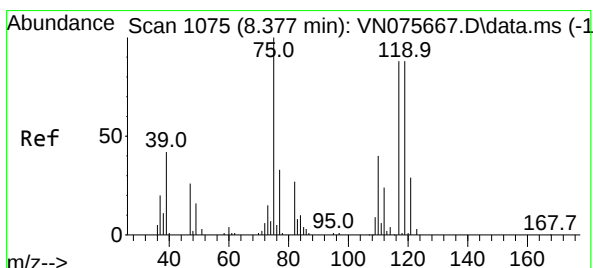
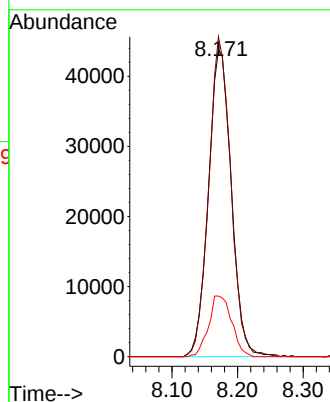
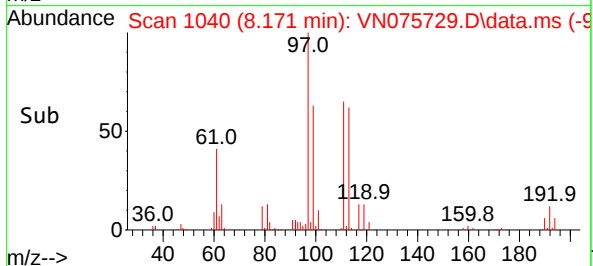
Tgt Ion:	113	Resp:	10612
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.0	121.6
192	20.0	16.2	24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 52.175 ug/l

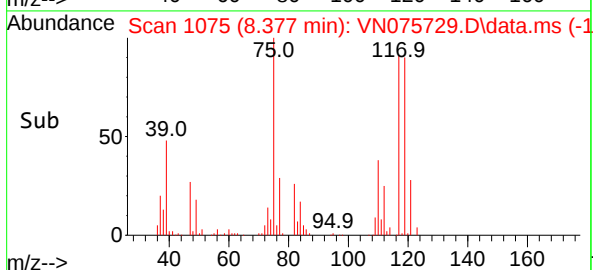
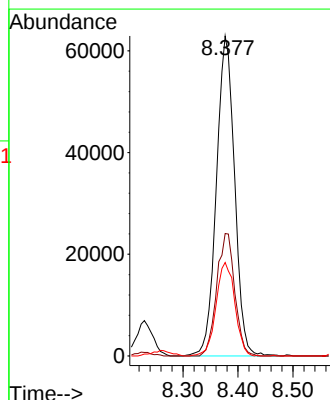
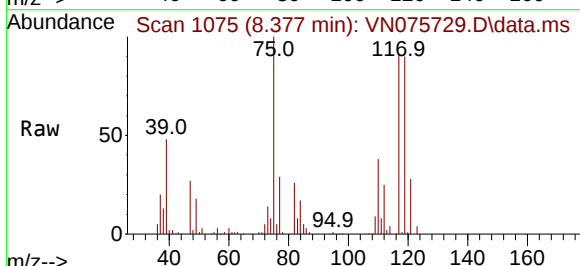
RT: 8.377 min Scan# 1075

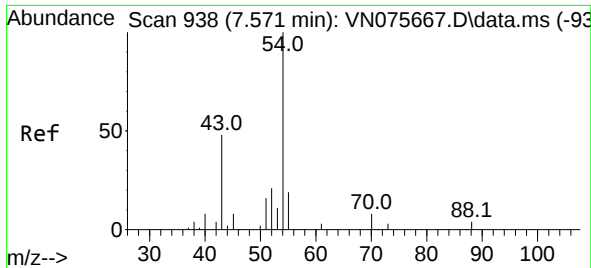
Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Tgt Ion:	75	Resp:	144751
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.9	56.9
77	30.2	25.4	38.2





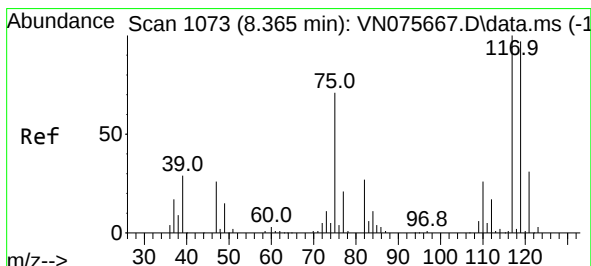
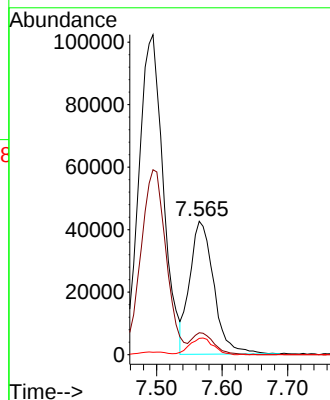
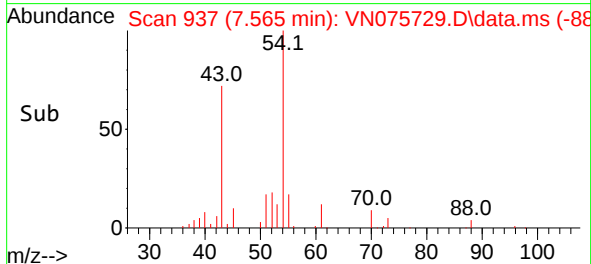
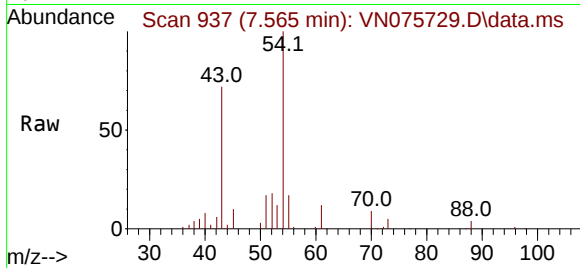
#37
Ethyl Acetate
Concen: 48.586 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 43 Resp: 10822
Ion Ratio Lower Upper
43 100
61 14.9 13.3 19.9
70 12.4 9.9 14.9

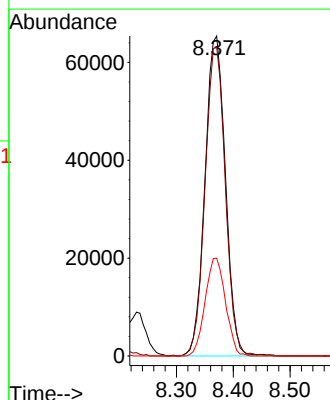
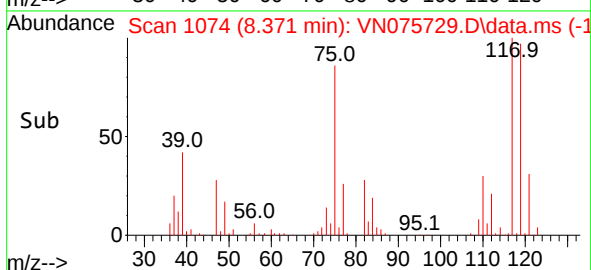
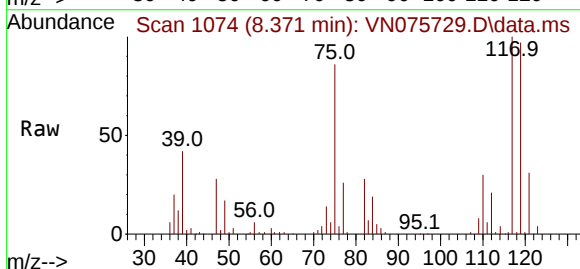
Manual Integrations
APPROVED

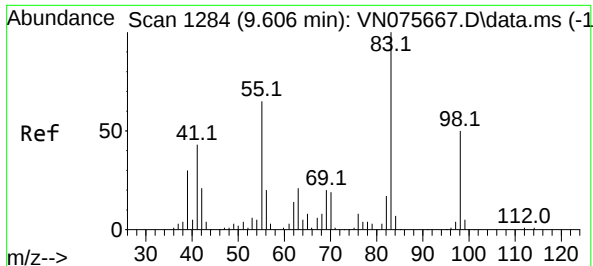
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Carbon Tetrachloride
Concen: 50.974 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion:117 Resp: 163192
Ion Ratio Lower Upper
117 100
119 96.6 77.2 115.8
121 30.6 24.6 37.0





#39

Methylcyclohexane

Concen: 53.964 ug/l

RT: 9.606 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 83 Resp: 18984

Ion Ratio Lower Upper

83 100

55 65.8 51.6 77.4

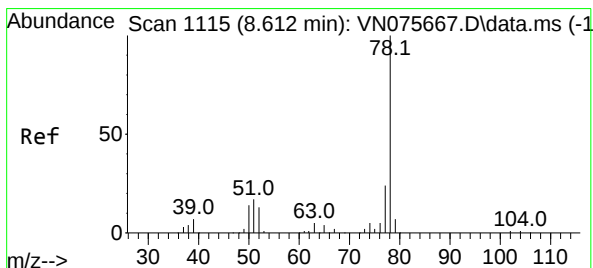
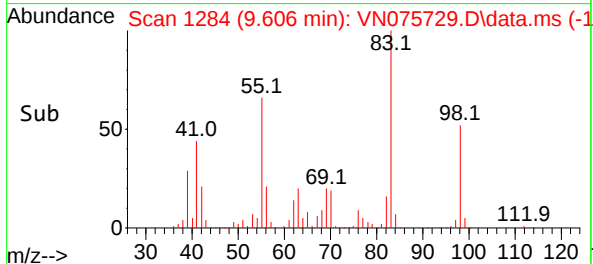
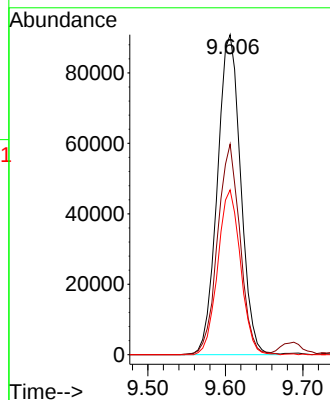
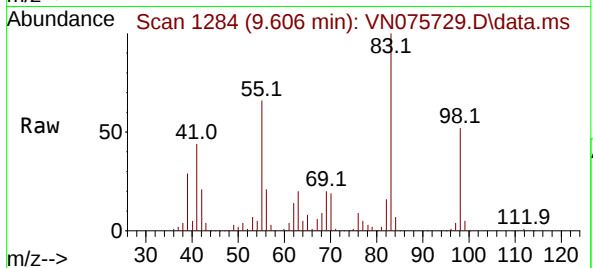
98 51.5 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#40

Benzene

Concen: 51.589 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075729.D

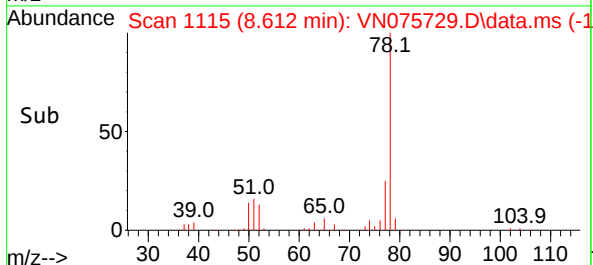
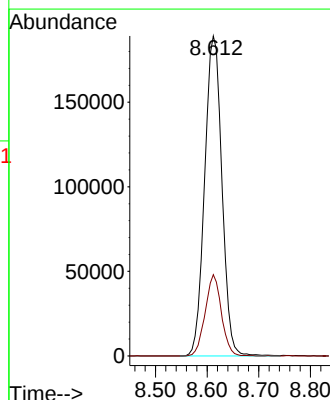
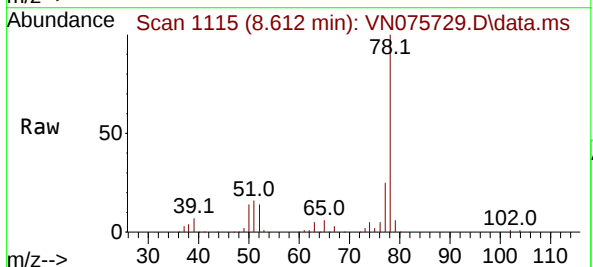
Acq: 12 Dec 2022 21:40

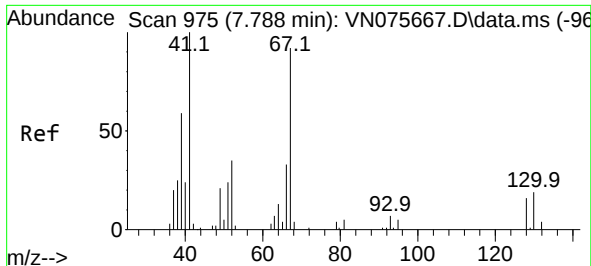
Tgt Ion: 78 Resp: 439238

Ion Ratio Lower Upper

78 100

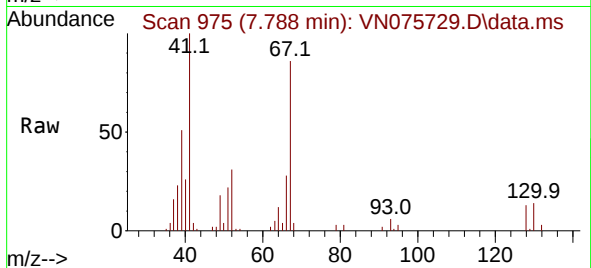
77 25.4 19.1 28.7





#41
Methacrylonitrile
Concen: 52.458 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

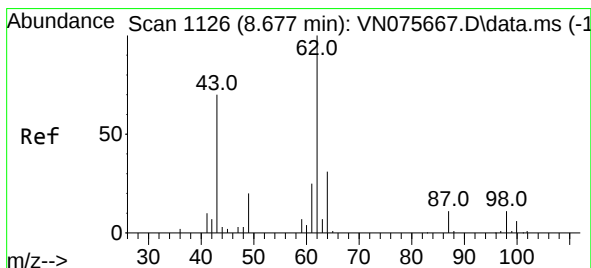
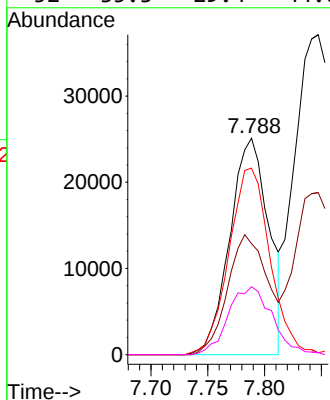
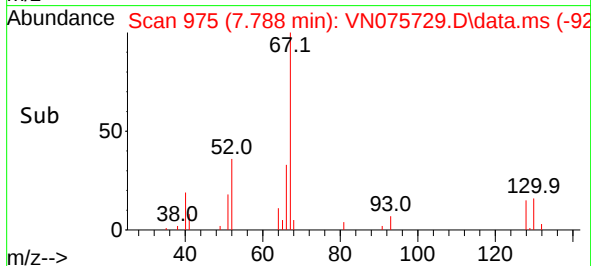
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



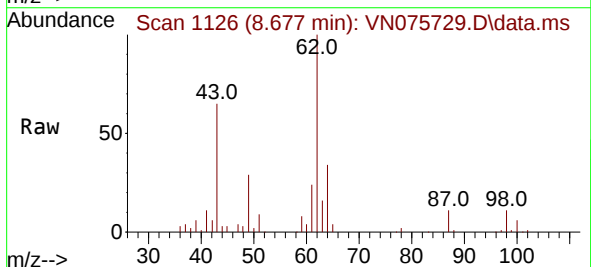
Tgt Ion: 41 Resp: 5991
Ion Ratio Lower Upper
41 100
39 57.1 46.3 69.5
67 90.8 74.0 111.0
52 35.3 29.4 44.0

Manual Integrations
APPROVED

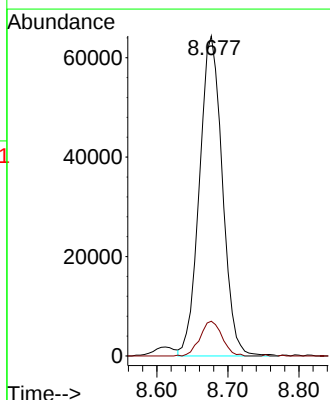
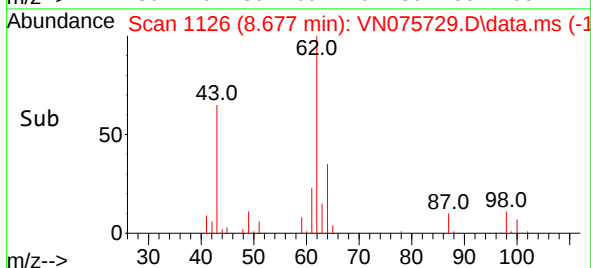
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

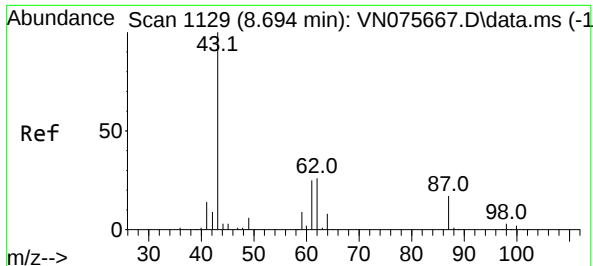


#42
1,2-Dichloroethane
Concen: 50.761 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



Tgt Ion: 62 Resp: 144576
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.8





#43

Isopropyl Acetate

Concen: 51.055 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 43 Resp: 18985

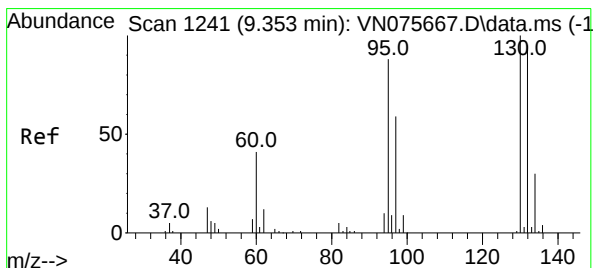
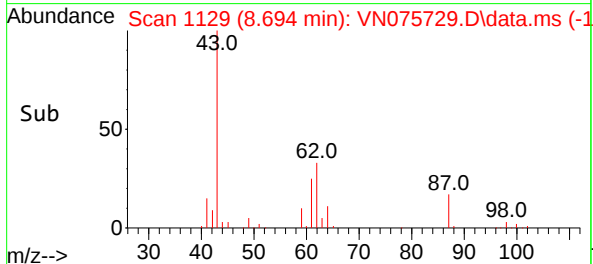
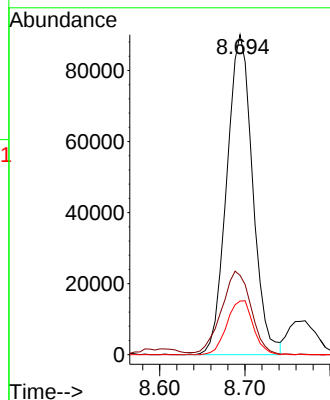
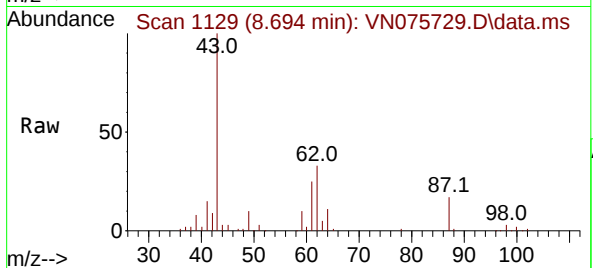
Ion	Ratio	Lower	Upper
43	100		
61	30.1	23.8	35.8
87	17.2	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#44

Trichloroethene

Concen: 49.732 ug/l

RT: 9.359 min Scan# 1242

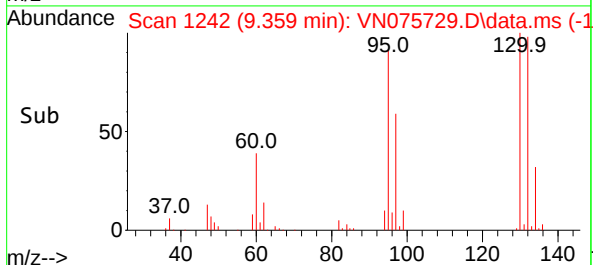
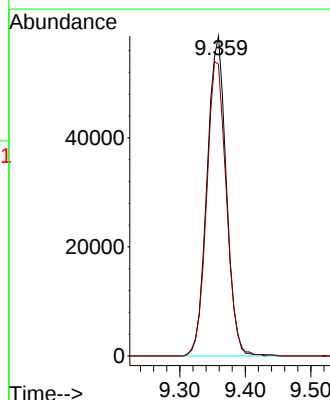
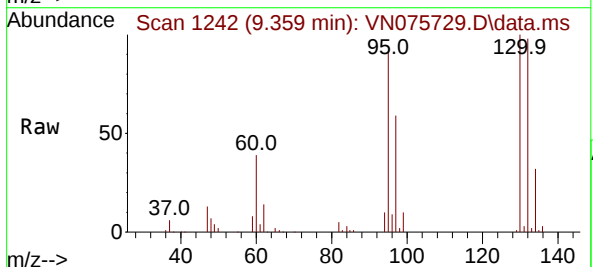
Delta R.T. 0.006 min

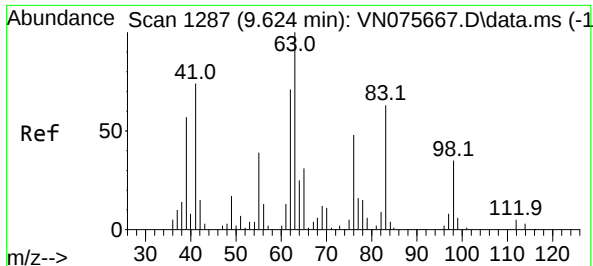
Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Tgt Ion:130 Resp: 119455

Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	176.8





#45

1,2-Dichloropropane

Concen: 51.561 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 63 Resp: 104410

Ion Ratio Lower Upper

63 100

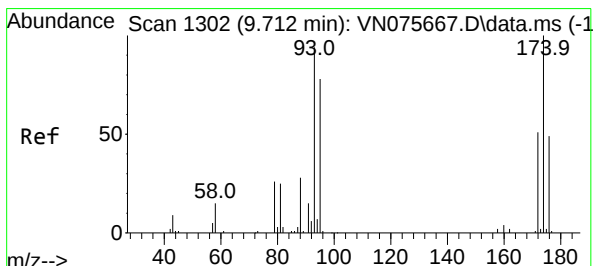
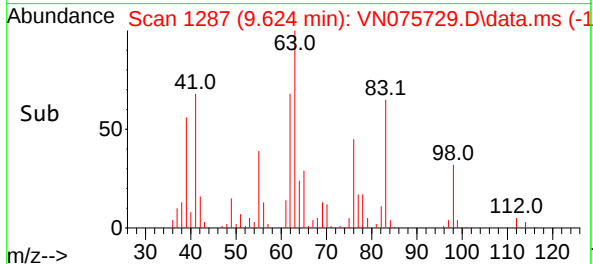
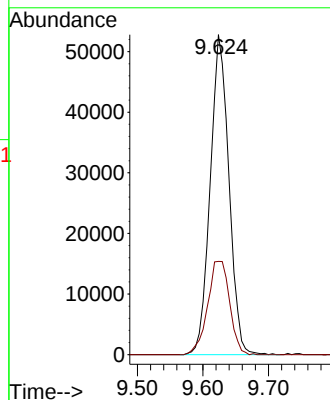
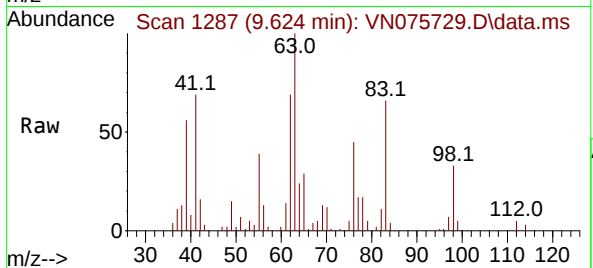
65 29.1 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 52.511 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

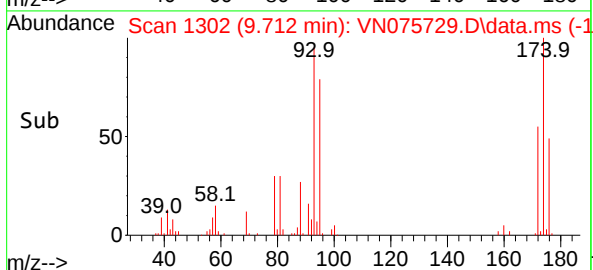
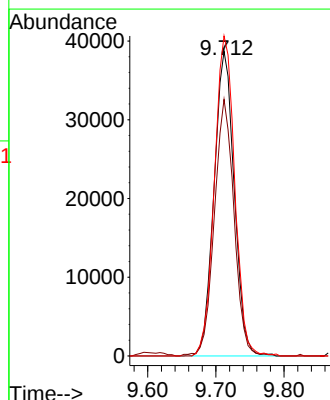
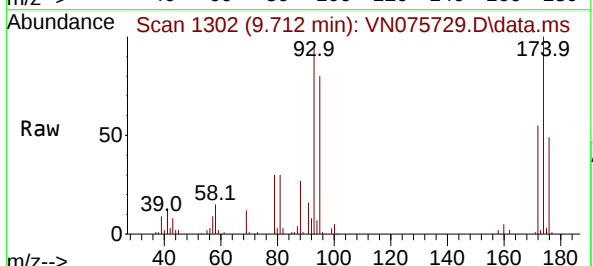
Tgt Ion: 93 Resp: 79833

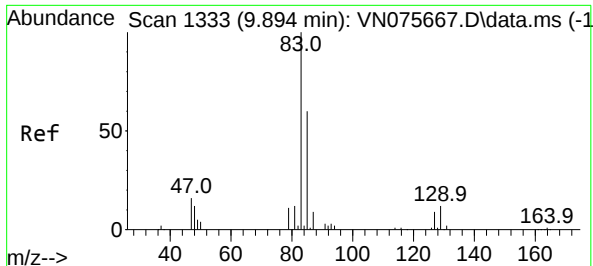
Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 105.6 85.0 127.6





#47

Bromodichloromethane

Concen: 53.350 ug/l

RT: 9.888 min Scan# 1333

Delta R.T. -0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 83 Resp: 159028

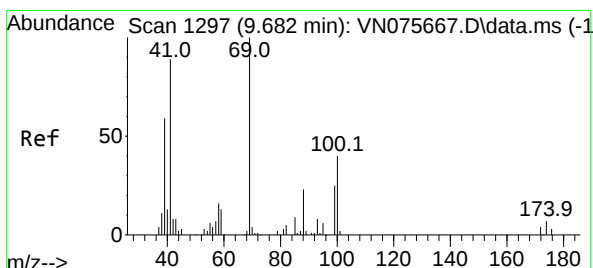
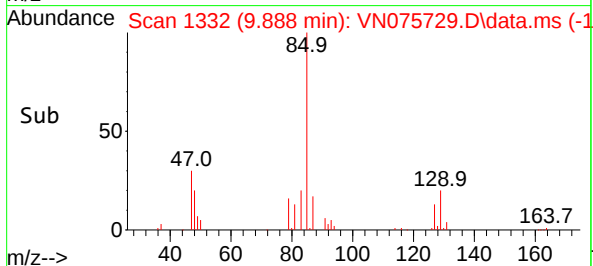
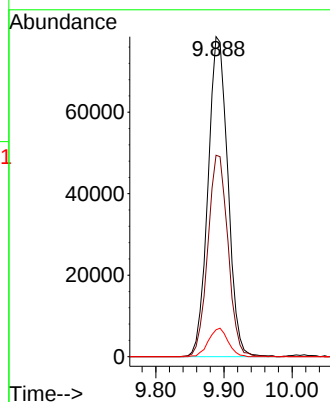
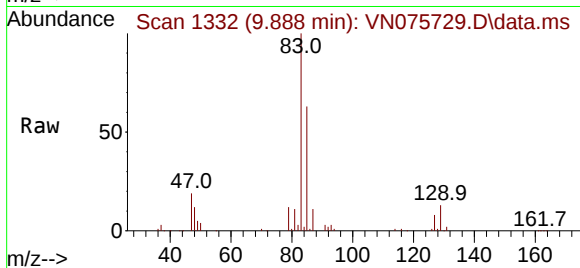
Ion	Ratio	Lower	Upper
83	100		
85	63.0	48.0	72.0
127	8.4	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#48

Methyl methacrylate

Concen: 52.684 ug/l

RT: 9.682 min Scan# 1297

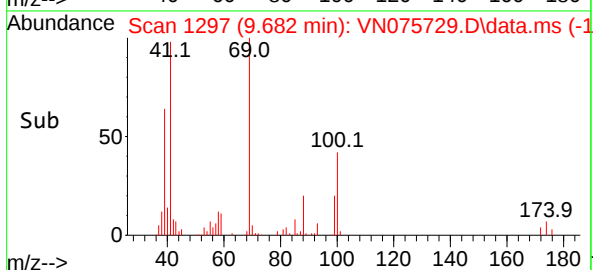
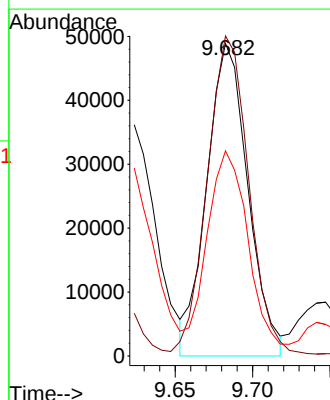
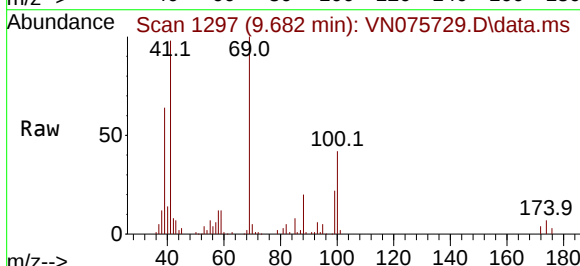
Delta R.T. 0.000 min

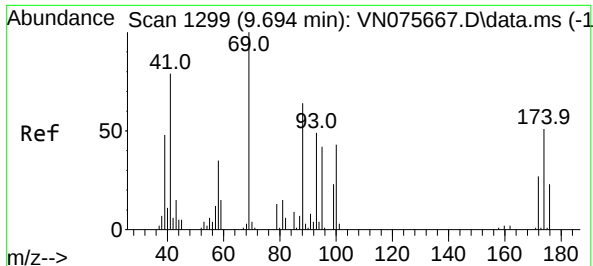
Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Tgt Ion: 41 Resp: 90231

Ion	Ratio	Lower	Upper
41	100		
69	102.4	82.5	123.7
39	67.2	53.2	79.8





#49

1,4-Dioxane

Concen: 914.738 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 88 Resp: 3808

Ion Ratio Lower Upper

88 100

43 25.3 17.4 26.0

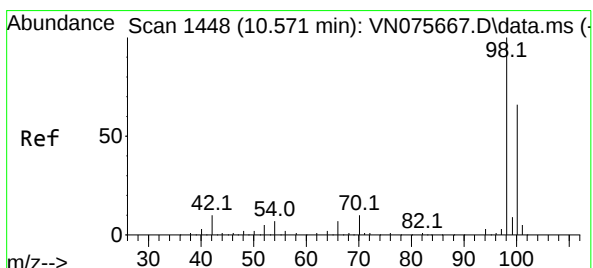
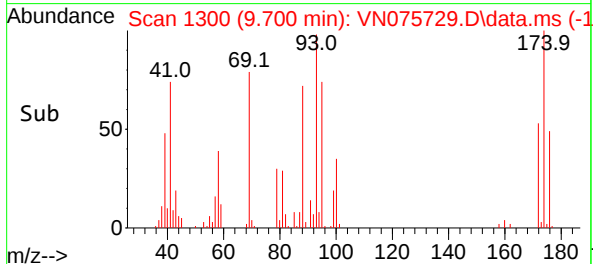
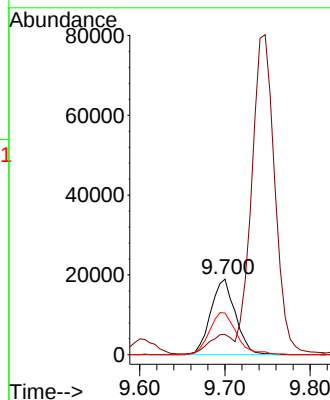
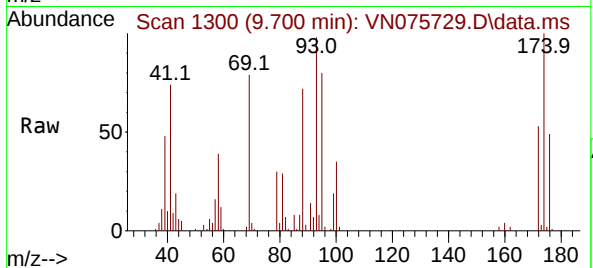
58 61.4 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 51.167 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075729.D

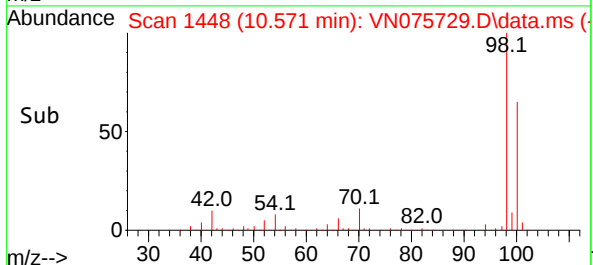
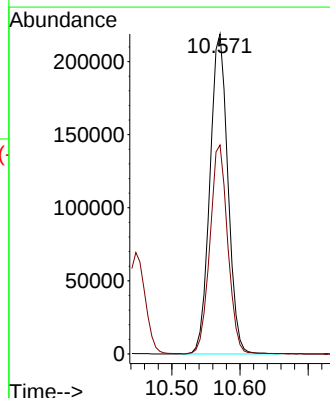
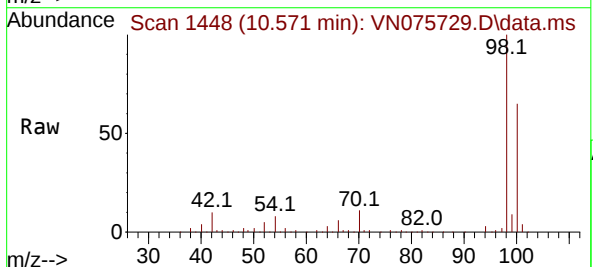
Acq: 12 Dec 2022 21:40

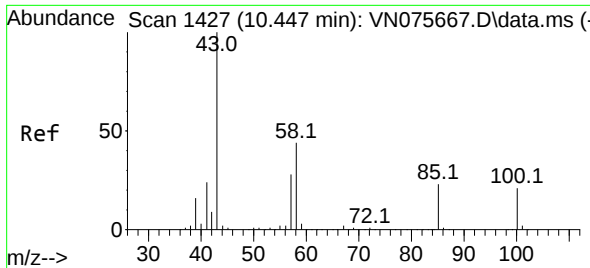
Tgt Ion: 98 Resp: 401477

Ion Ratio Lower Upper

98 100

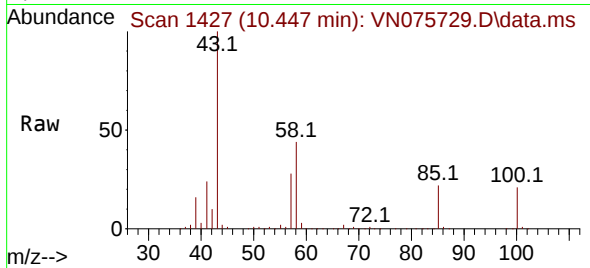
100 65.0 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 255.094 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

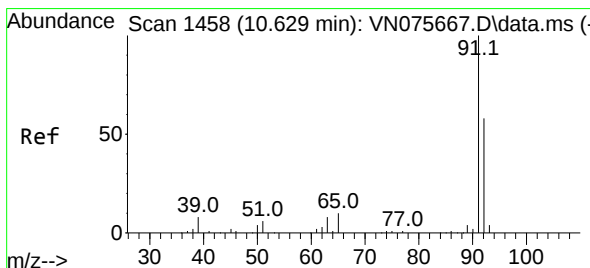
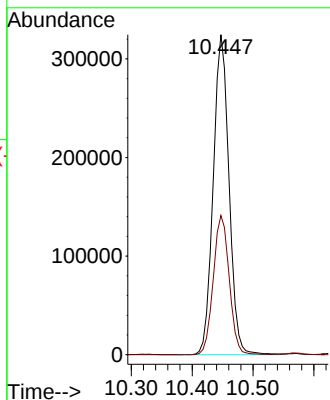
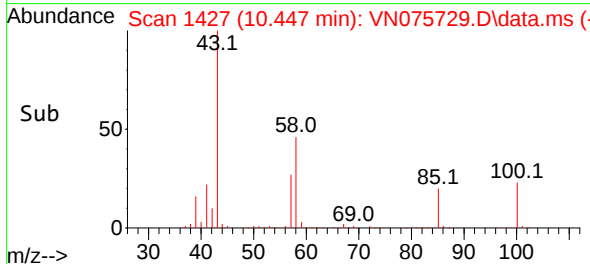
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 43 Resp: 584928
Ion Ratio Lower Upper
43 100
58 43.9 35.0 52.6

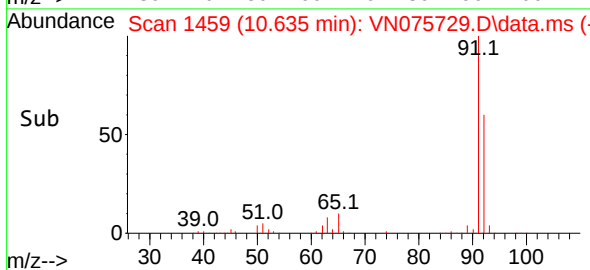
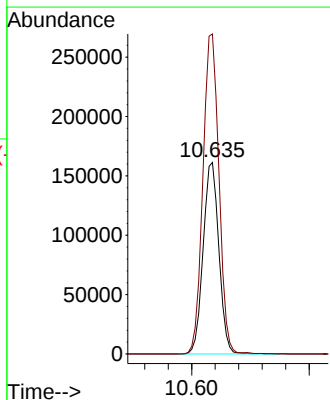
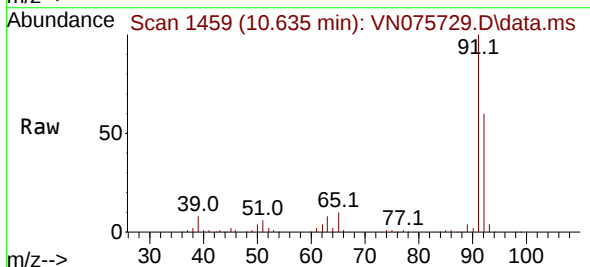
Manual Integrations
APPROVED

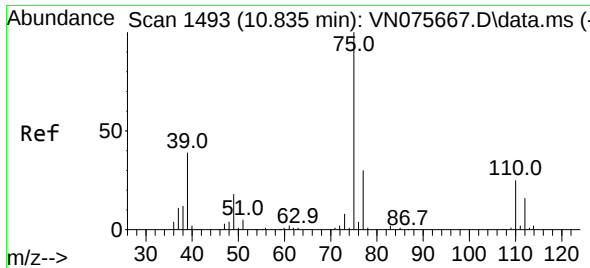
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 53.014 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion: 92 Resp: 298343
Ion Ratio Lower Upper
92 100
91 170.9 137.9 206.9





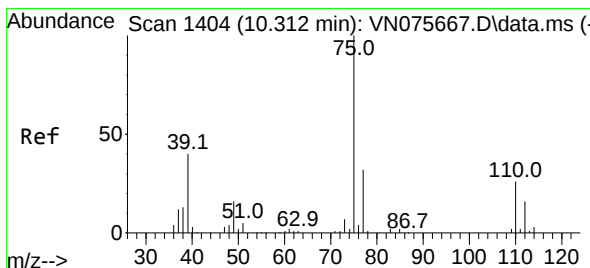
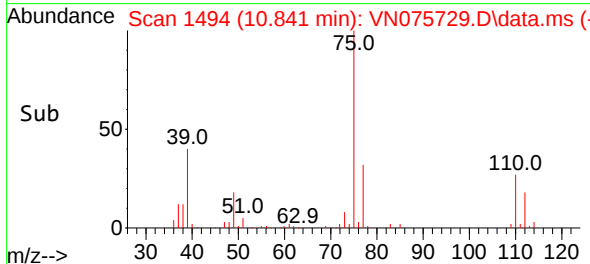
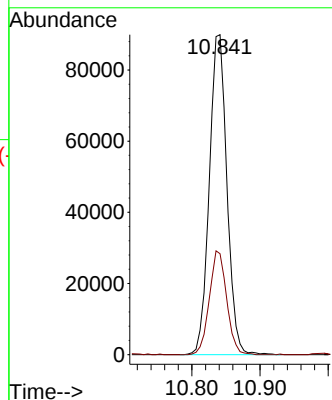
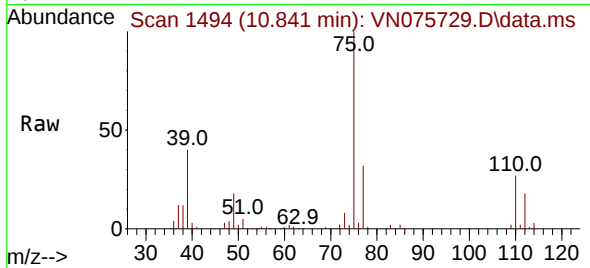
#53
 t-1,3-Dichloropropene
 Concen: 54.963 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075729.D
 Acq: 12 Dec 2022 21:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD

Tgt Ion: 75 Resp: 16181
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5

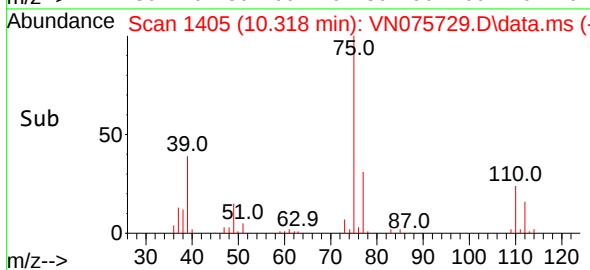
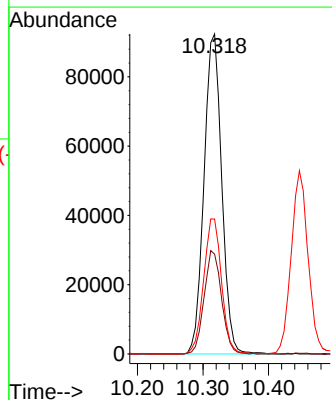
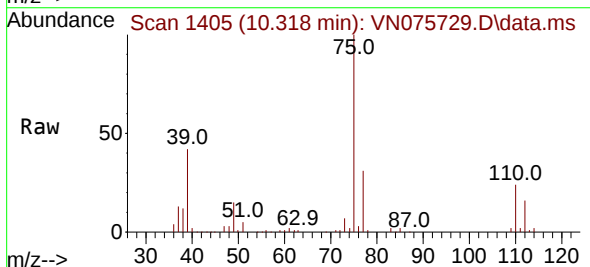
Manual Integrations
 APPROVED

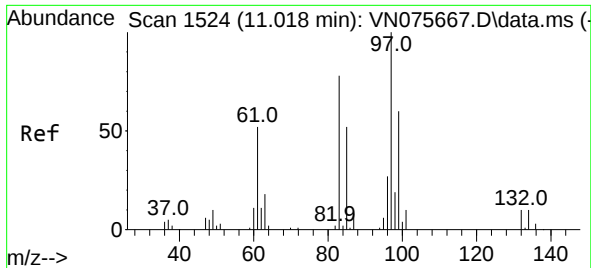
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#54
 cis-1,3-Dichloropropene
 Concen: 53.050 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075729.D
 Acq: 12 Dec 2022 21:40

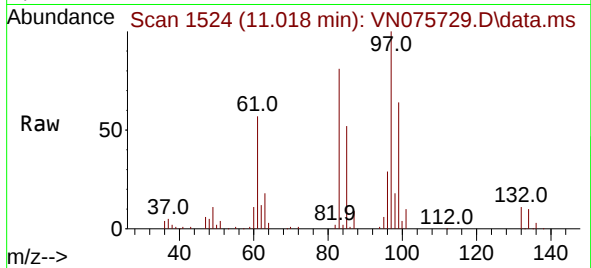
Tgt Ion: 75 Resp: 173759
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 42.1 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 52.287 ug/l
RT: 11.018 min Scan# 115690
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

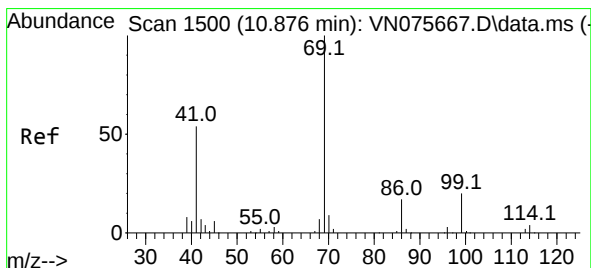
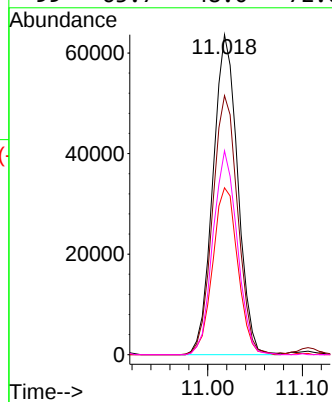
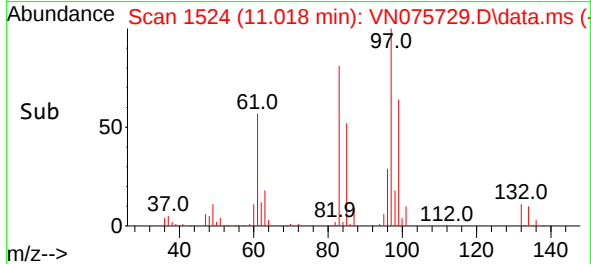
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



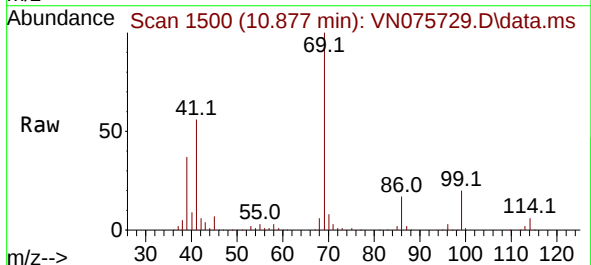
Tgt Ion: 97 Resp: 115690
Ion Ratio Lower Upper
97 100
83 80.9 62.7 94.1
85 52.1 41.8 62.6
99 63.7 48.0 72.0

Manual Integrations
APPROVED

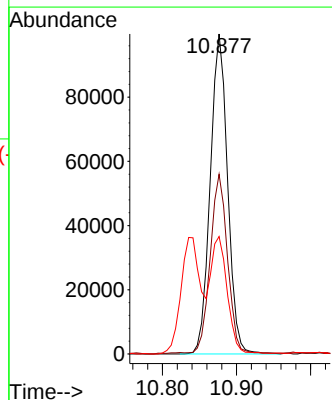
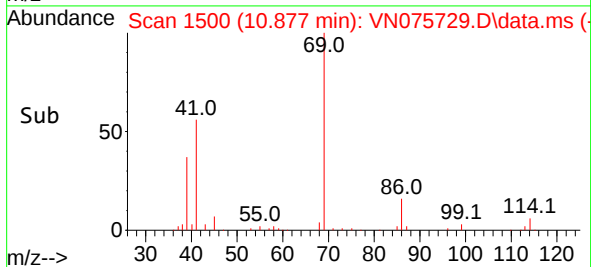
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

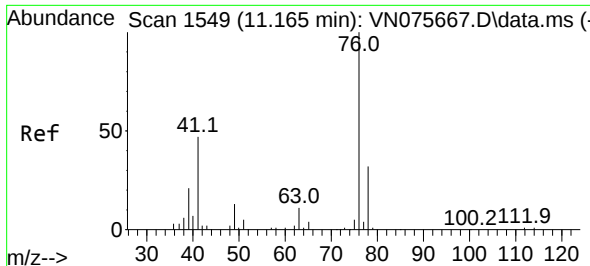


#56
Ethyl methacrylate
Concen: 54.084 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



Tgt Ion: 69 Resp: 162155
Ion Ratio Lower Upper
69 100
41 55.5 44.1 66.1
39 34.2 27.7 41.5





#57

1,3-Dichloropropane

Concen: 51.719 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 76 Resp: 184970

Ion Ratio Lower Upper

76 100

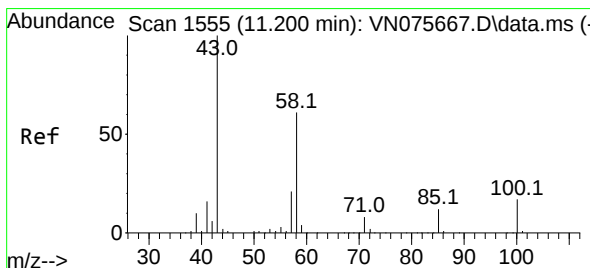
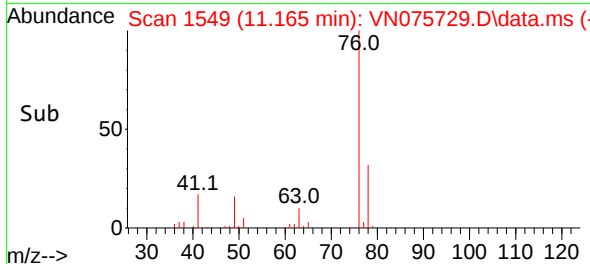
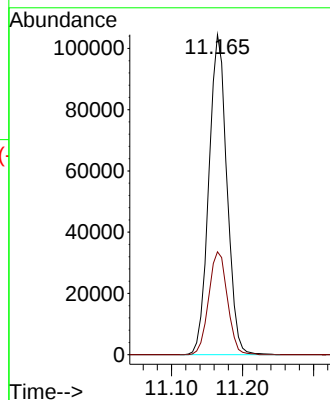
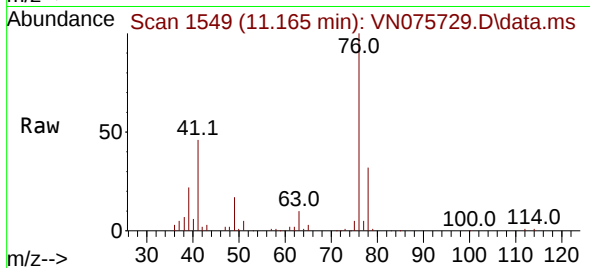
78 33.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#59

2-Hexanone

Concen: 254.835 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN075729.D

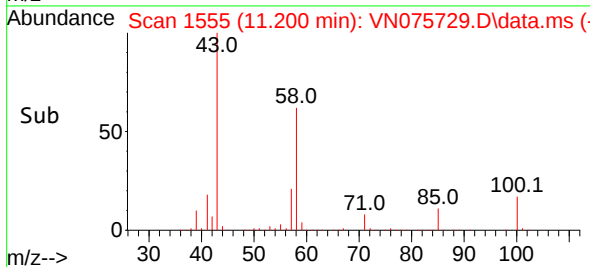
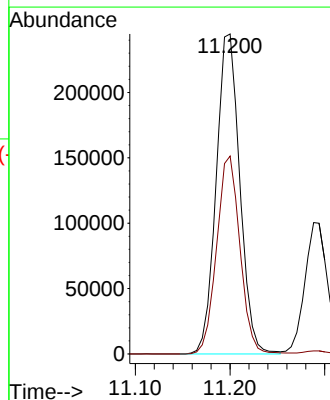
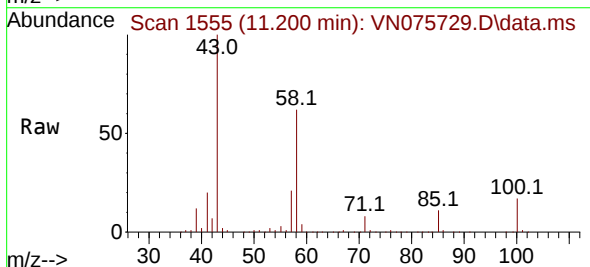
Acq: 12 Dec 2022 21:40

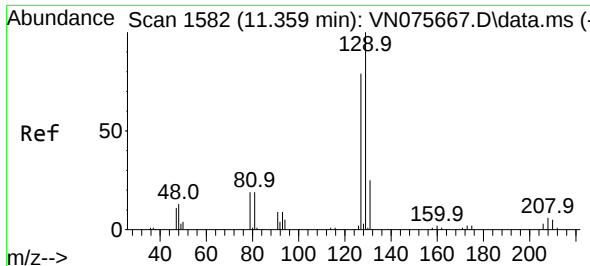
Tgt Ion: 43 Resp: 424530

Ion Ratio Lower Upper

43 100

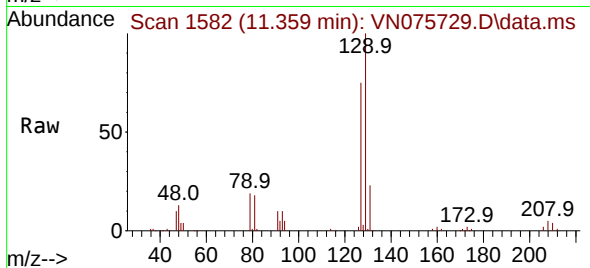
58 61.0 30.9 92.5





#60
Dibromochloromethane
Concen: 54.235 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

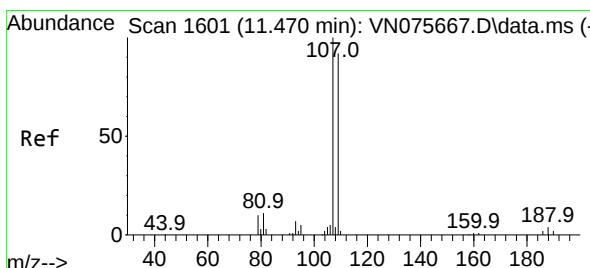
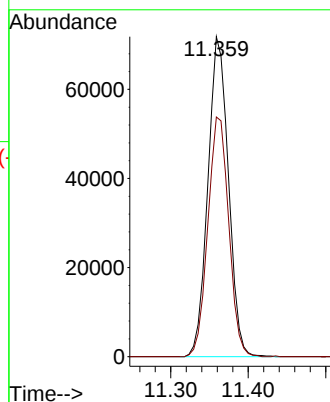
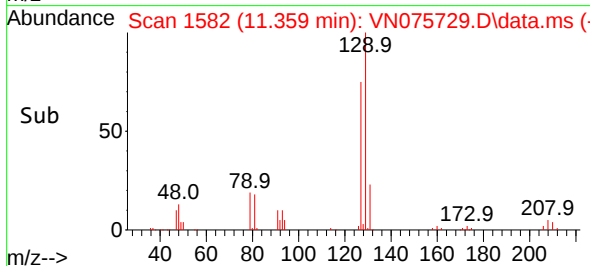
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



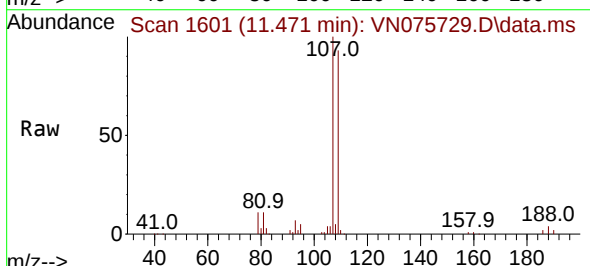
Tgt Ion:129 Resp: 132054
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0

Manual Integrations
APPROVED

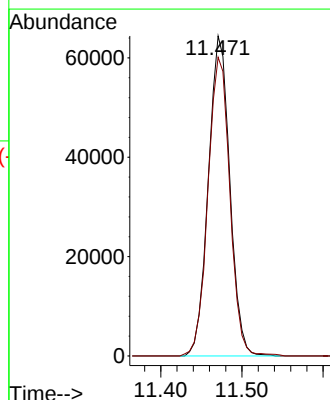
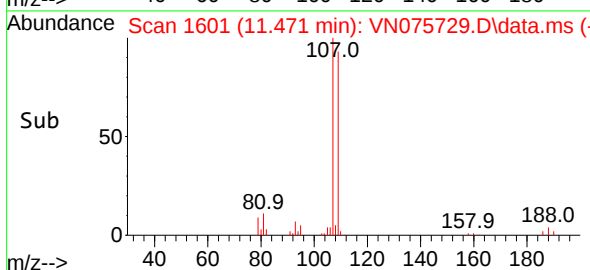
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

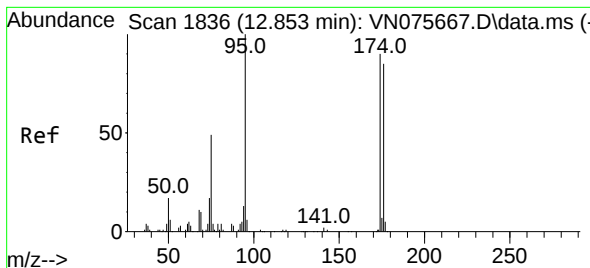


#61
1,2-Dibromoethane
Concen: 51.028 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



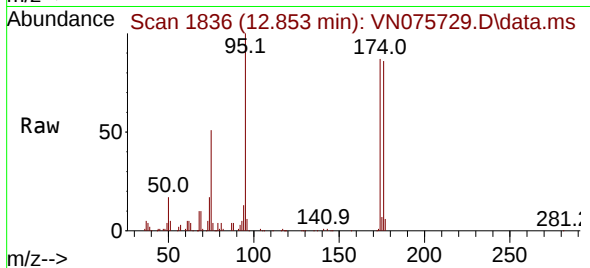
Tgt Ion:107 Resp: 118295
Ion Ratio Lower Upper
107 100
109 95.3 75.4 113.2





#62
4-Bromofluorobenzene
Concen: 52.389 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

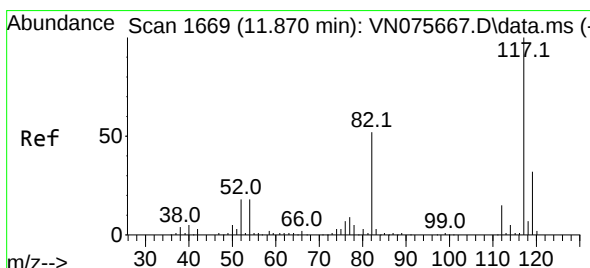
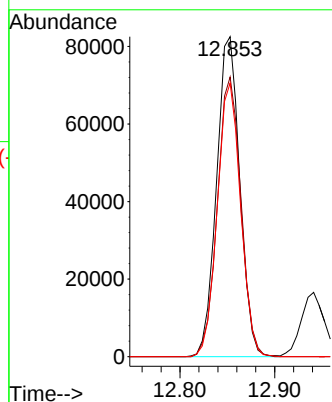
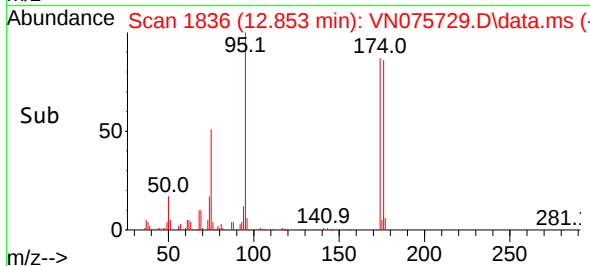
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



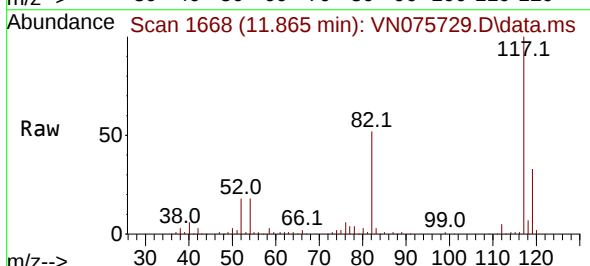
Tgt Ion: 95 Resp: 140540
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.6
176 85.8 0.0 170.8

Manual Integrations
APPROVED

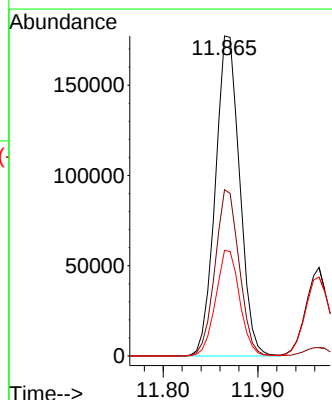
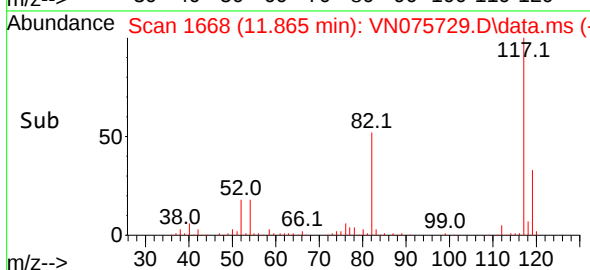
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

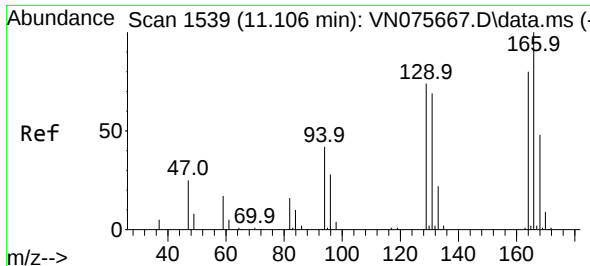


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



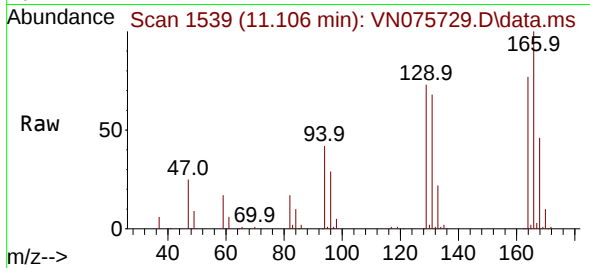
Tgt Ion:117 Resp: 316344
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 33.0 25.8 38.6





#64
Tetrachloroethene
Concen: 45.319 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

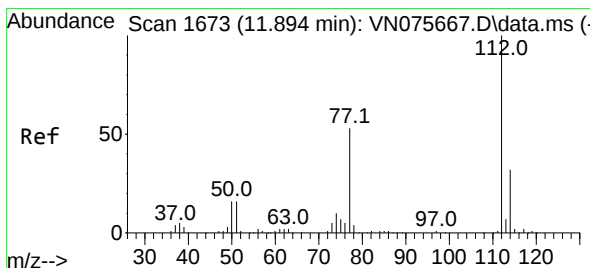
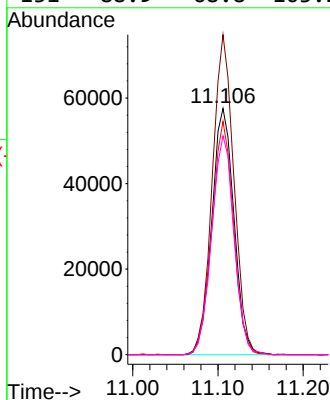
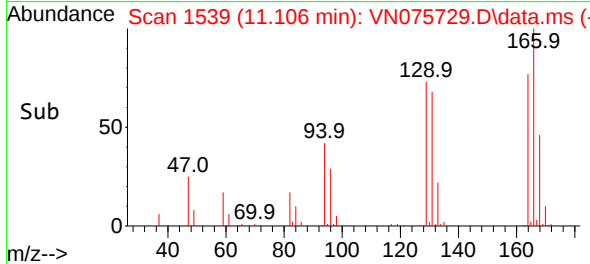
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



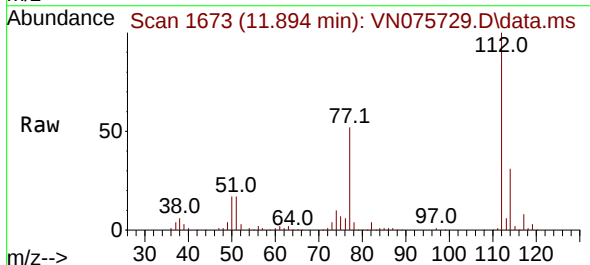
Tgt Ion:164 Resp: 104420
Ion Ratio Lower Upper
164 100
166 129.9 100.3 150.5
129 94.7 73.9 110.9
131 88.9 68.8 103.2

Manual Integrations
APPROVED

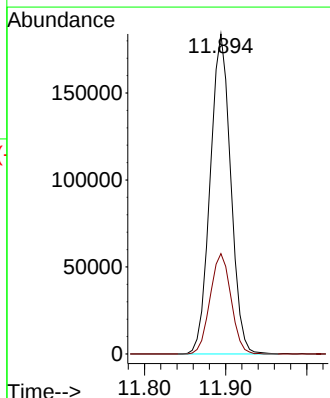
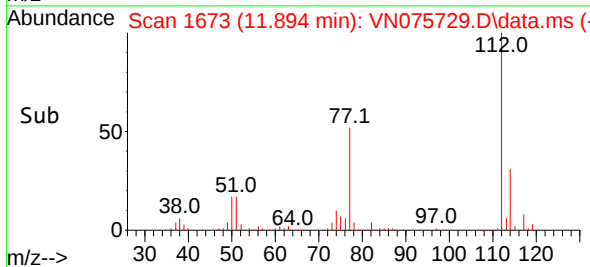
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

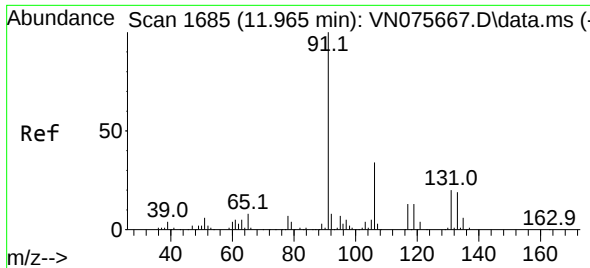


#65
Chlorobenzene
Concen: 49.574 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



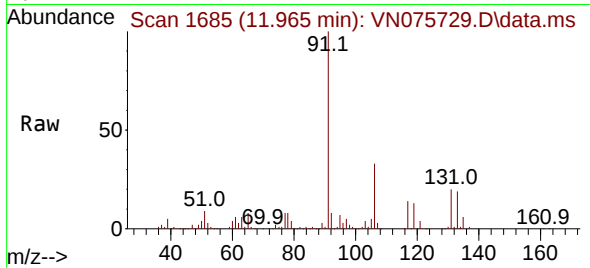
Tgt Ion:112 Resp: 322667
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3





#66
1,1,1,2-Tetrachloroethane
Concen: 51.347 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

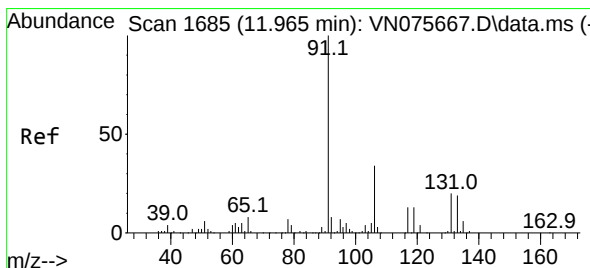
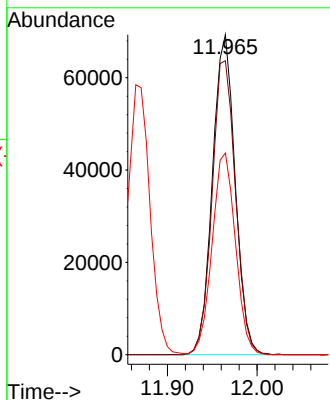
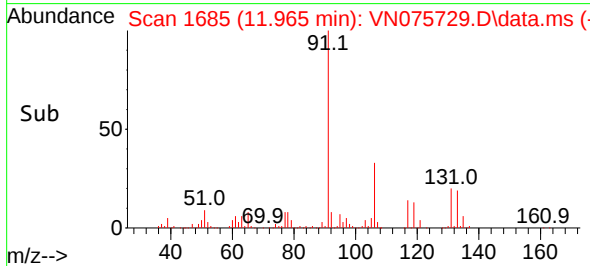
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



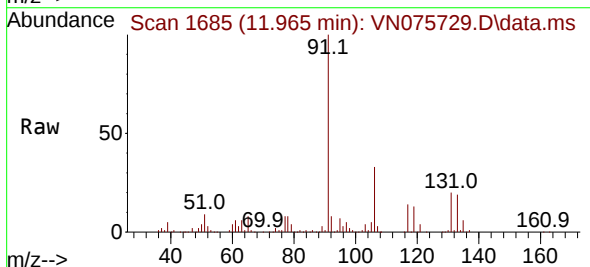
Tgt Ion:131 Resp: 121594
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.0 32.5 97.4

Manual Integrations
APPROVED

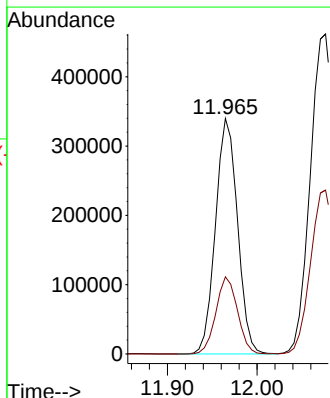
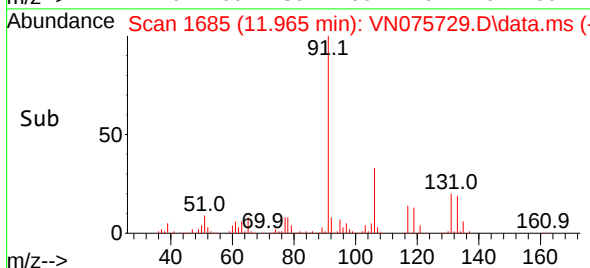
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

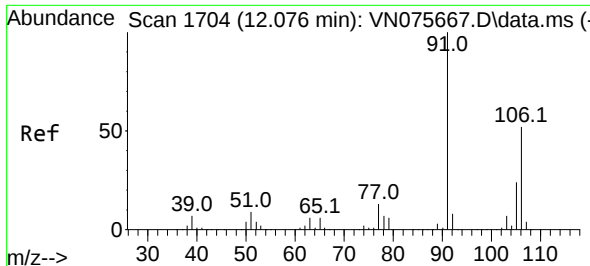


#67
Ethyl Benzene
Concen: 52.624 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



Tgt Ion: 91 Resp: 579441
Ion Ratio Lower Upper
91 100
106 32.8 26.9 40.3





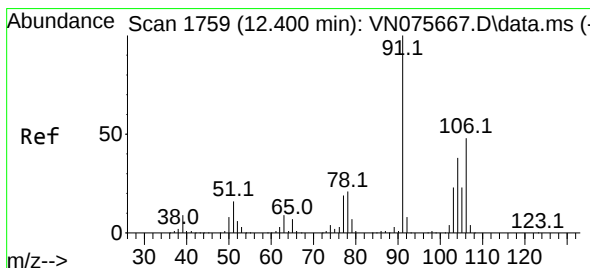
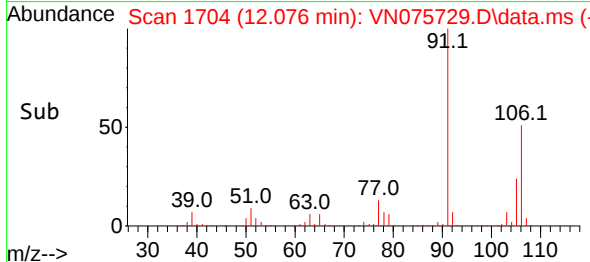
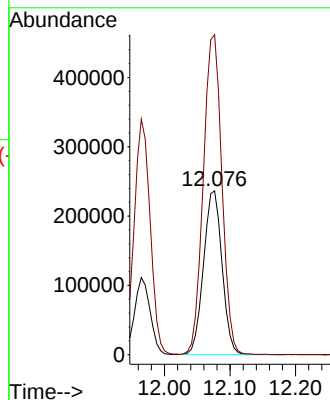
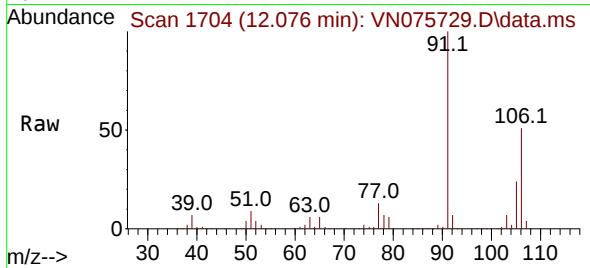
#68
m/p-Xylenes
Concen: 104.367 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion:106 Resp: 46434
Ion Ratio Lower Upper
106 100
91 195.9 156.2 234.4

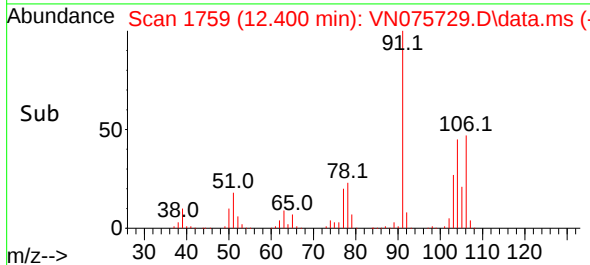
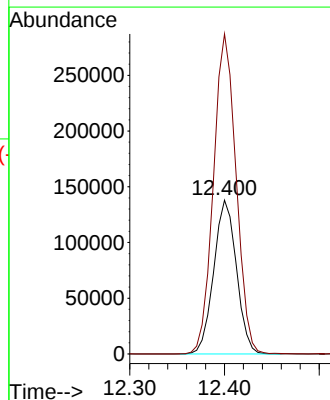
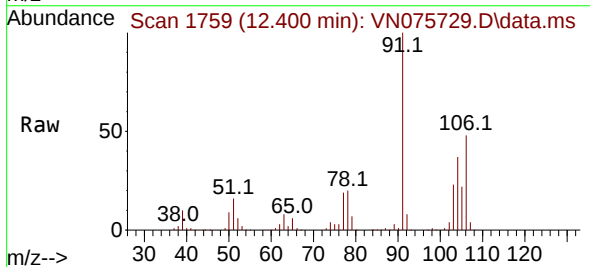
Manual Integrations
APPROVED

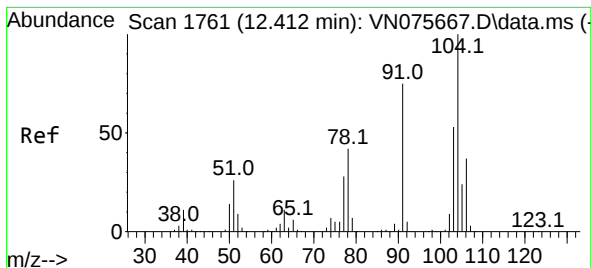
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#69
o-Xylene
Concen: 53.256 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion:106 Resp: 229927
Ion Ratio Lower Upper
106 100
91 208.1 102.8 308.5





#70

Styrene

Concen: 54.657 ug/l

RT: 12.412 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

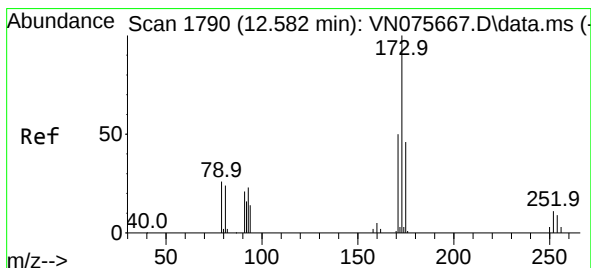
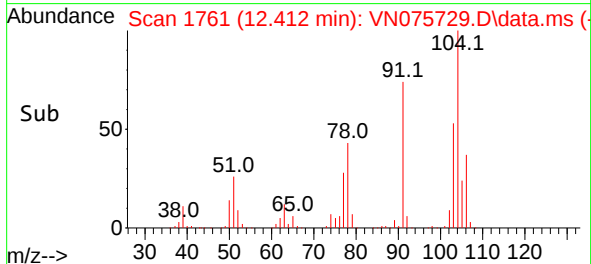
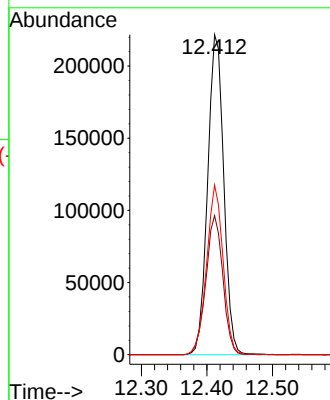
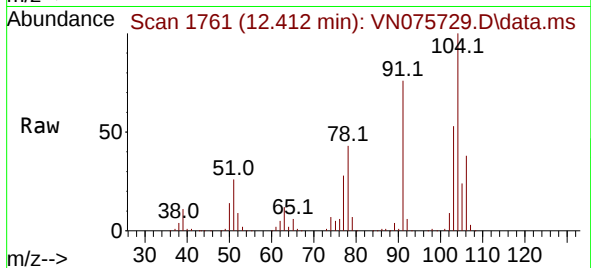
Tgt Ion:104 Resp: 378468
 Ion Ratio Lower Upper
 104 100
 78 46.0 36.7 55.1
 103 54.2 44.0 66.0

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#71

Bromoform

Concen: 53.168 ug/l

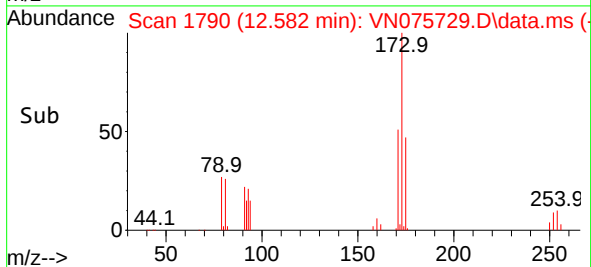
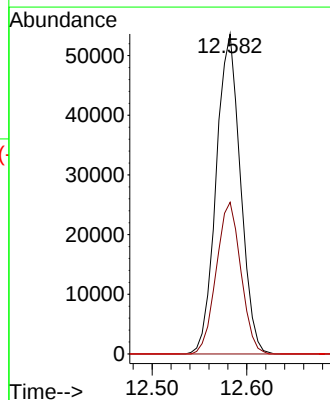
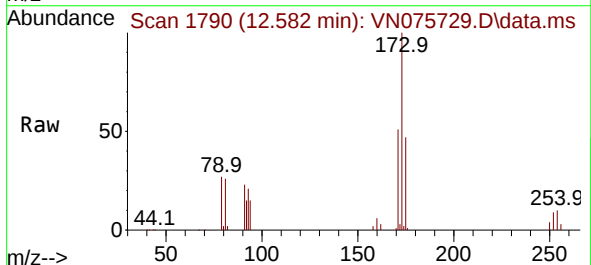
RT: 12.582 min Scan# 1790

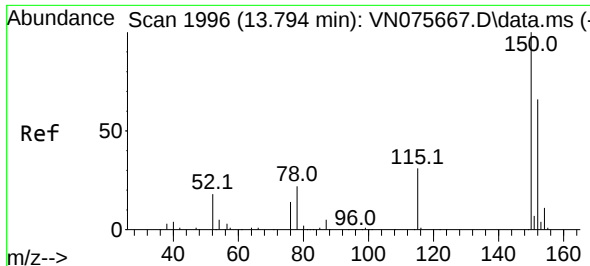
Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

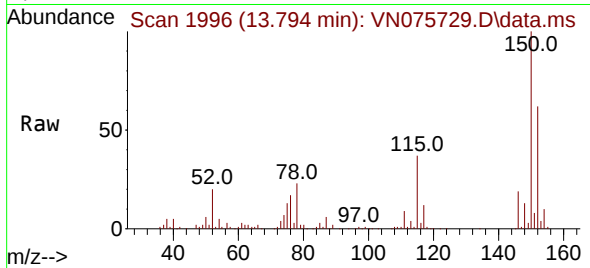
Tgt Ion:173 Resp: 95437
 Ion Ratio Lower Upper
 173 100
 175 48.0 23.8 71.2
 254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

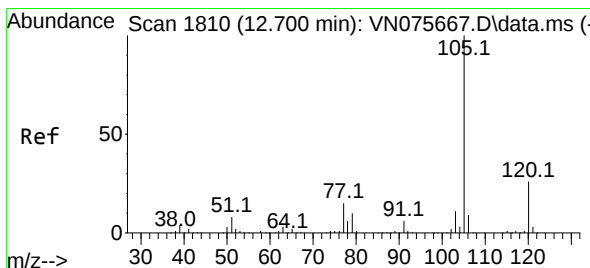
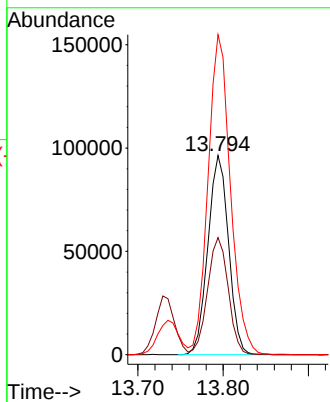
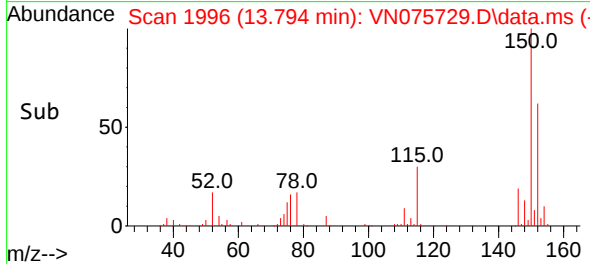
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



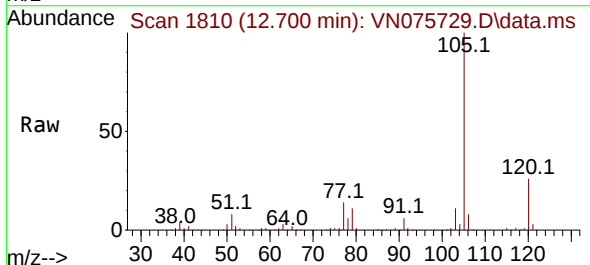
Tgt Ion:152 Resp: 16226
Ion Ratio Lower Upper
152 100
115 59.0 28.4 85.2
150 174.4 0.0 347.6

Manual Integrations
APPROVED

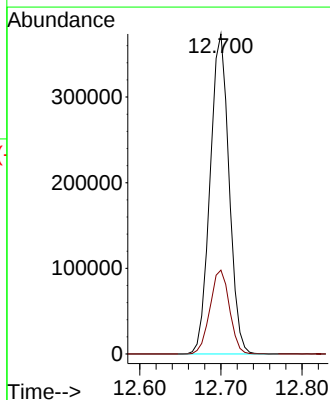
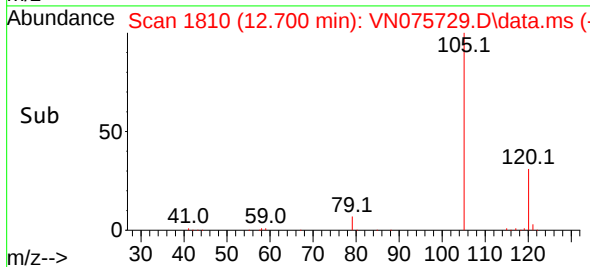
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

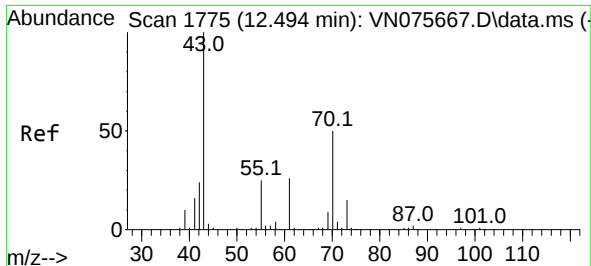


#73
Isopropylbenzene
Concen: 51.895 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



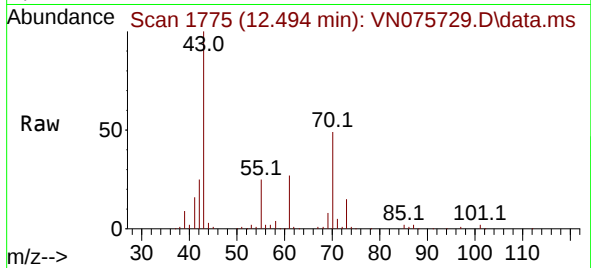
Tgt Ion:105 Resp: 604629
Ion Ratio Lower Upper
105 100
120 27.0 13.4 40.2





#74
N-amy1 acetate
Concen: 52.612 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

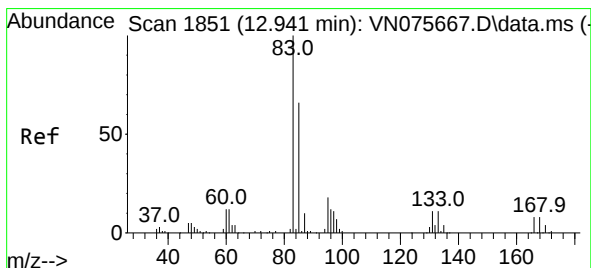
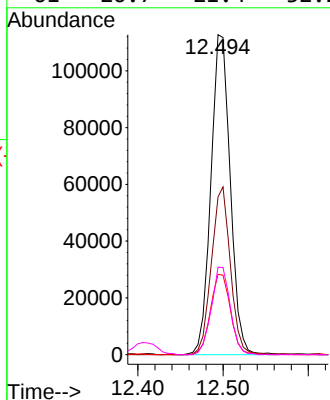
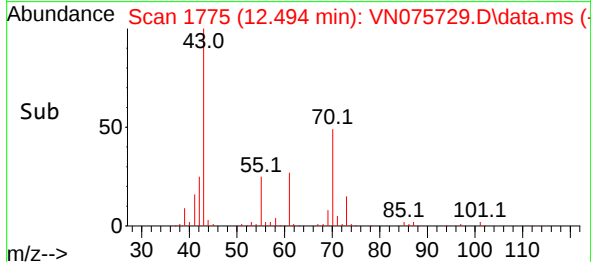
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



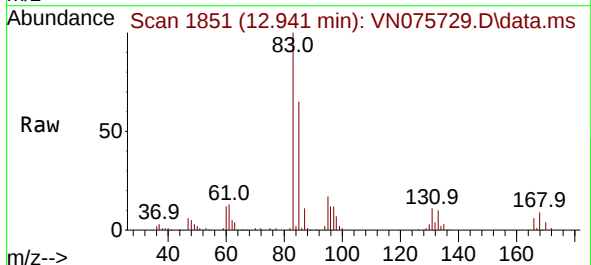
Tgt Ion: 43 Resp: 17810
Ion Ratio Lower Upper
43 100
70 51.3 41.0 61.6
55 26.1 20.7 31.1
61 26.7 21.4 32.2

Manual Integrations
APPROVED

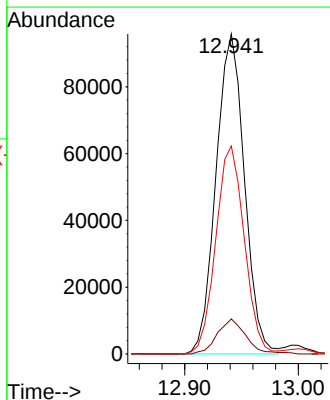
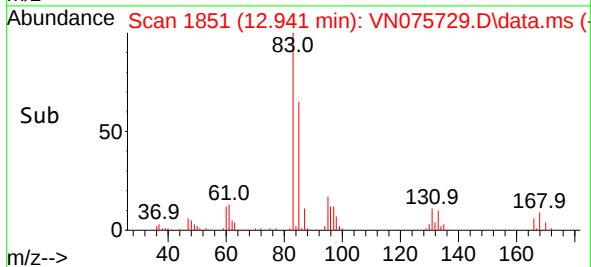
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

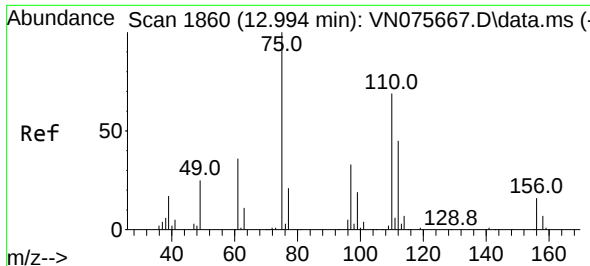


#75
1,1,2,2-Tetrachloroethane
Concen: 47.663 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



Tgt Ion: 83 Resp: 166815
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 65.1 32.6 97.7





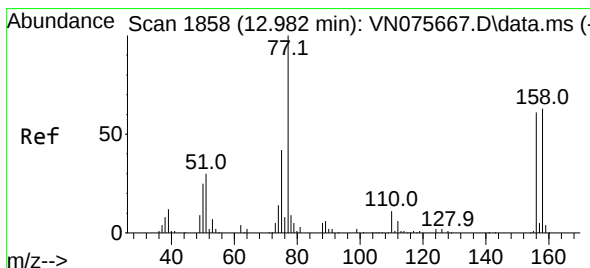
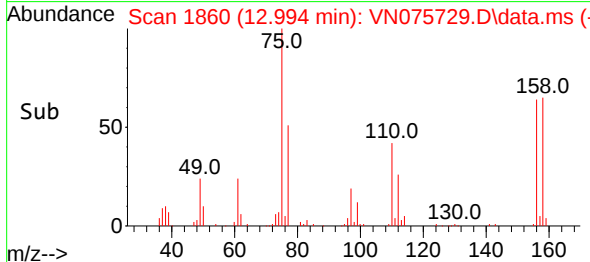
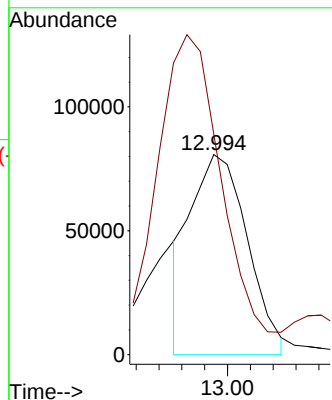
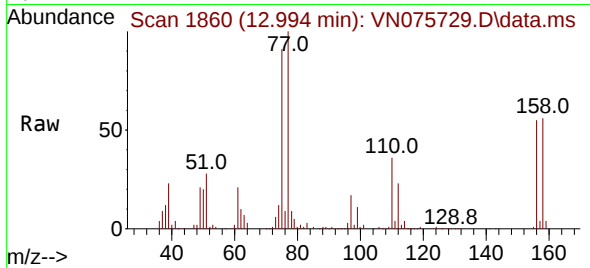
#76
1,2,3-Trichloropropane
Concen: 42.971 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD

Tgt Ion: 75 Resp: 140030
Ion Ratio Lower Upper
75 100
77 186.7 81.8 245.4

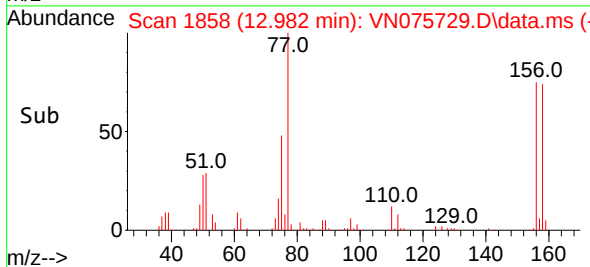
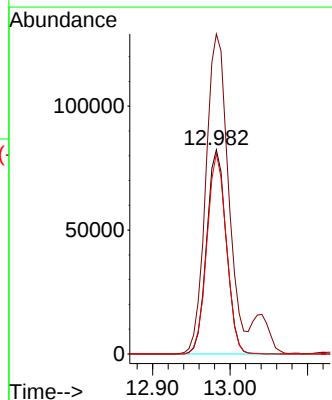
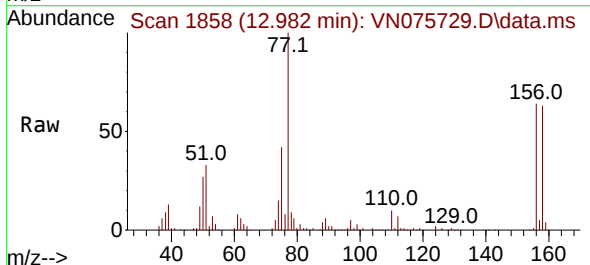
Manual Integrations
APPROVED

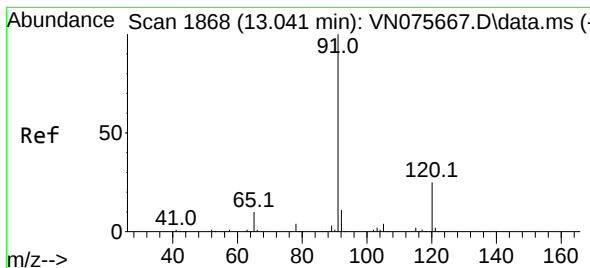
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#77
Bromobenzene
Concen: 49.281 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion:156 Resp: 144393
Ion Ratio Lower Upper
156 100
77 181.1 90.8 272.5
158 97.4 49.3 147.8





#78

n-propylbenzene

Concen: 53.465 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion: 91 Resp: 691218

Ion Ratio Lower Upper

91 100

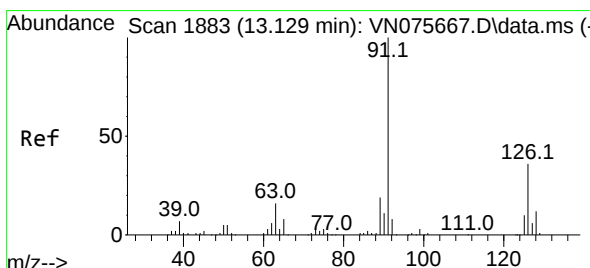
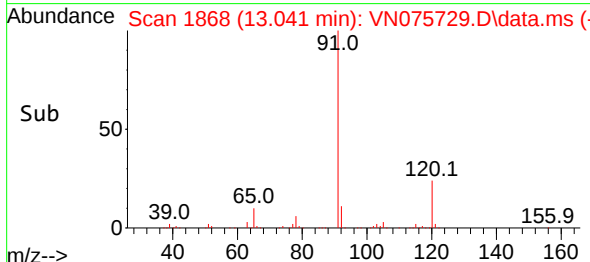
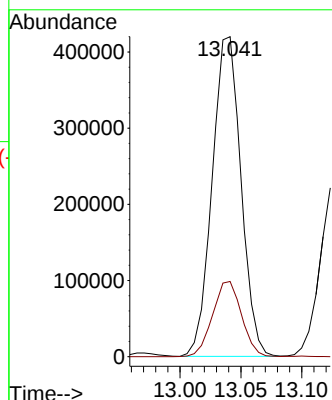
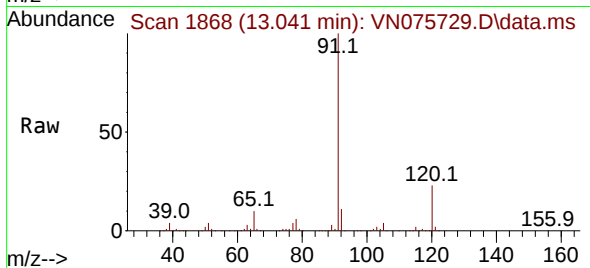
120 23.7 12.1 36.3

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#79

2-Chlorotoluene

Concen: 50.542 ug/l

RT: 13.129 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN075729.D

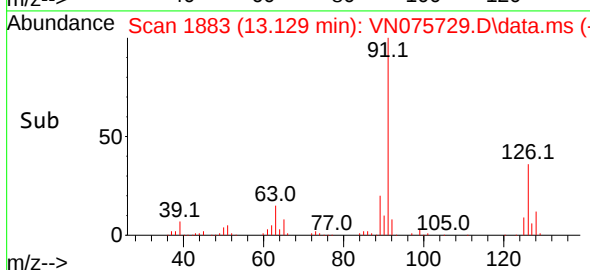
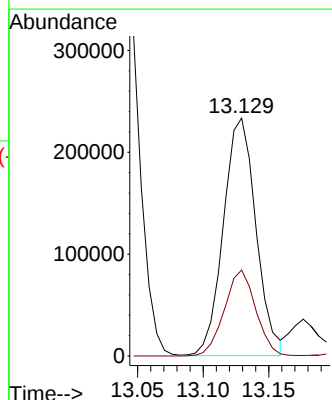
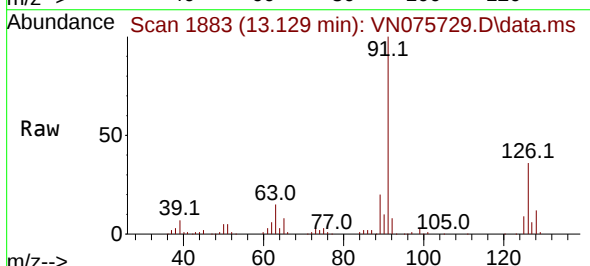
Acq: 12 Dec 2022 21:40

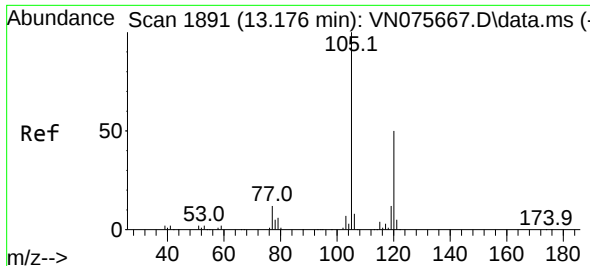
Tgt Ion: 91 Resp: 403409

Ion Ratio Lower Upper

91 100

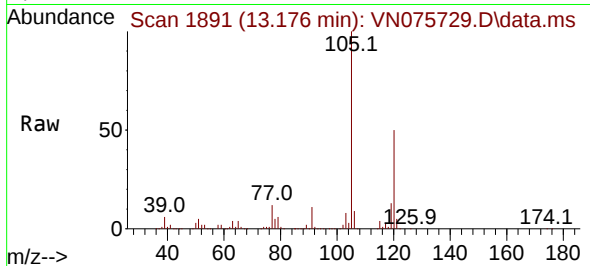
126 34.8 17.8 53.4





#80
1,3,5-Trimethylbenzene
Concen: 53.266 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

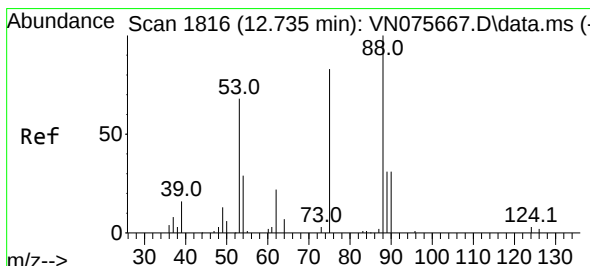
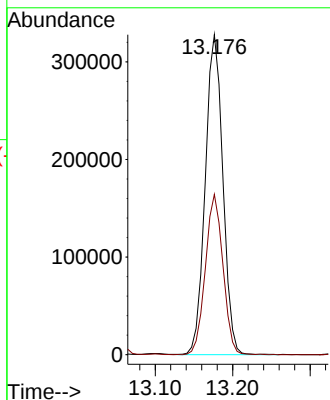
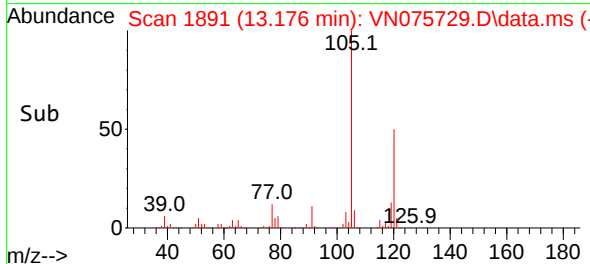
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



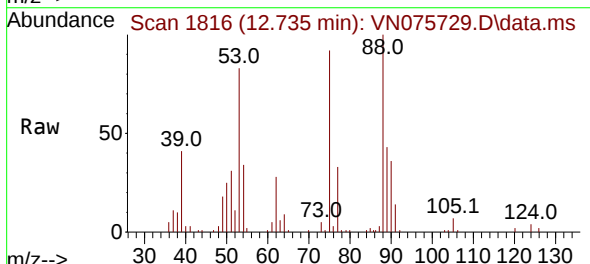
Tgt Ion:105 Resp: 518854
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6

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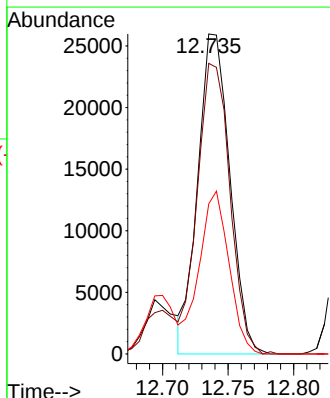
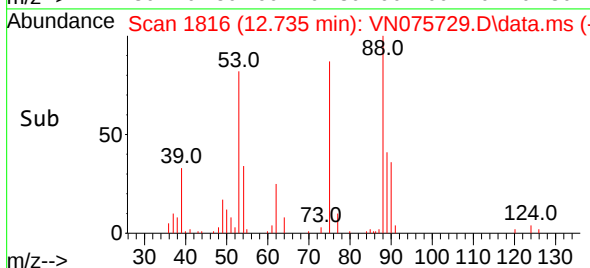
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

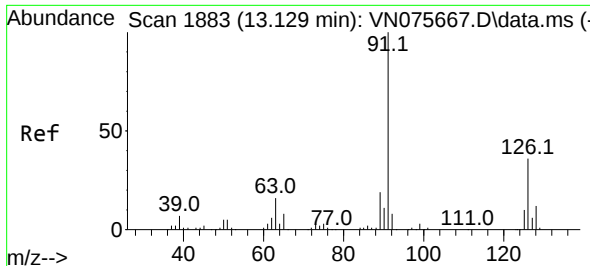


#81
trans-1,4-Dichloro-2-butene
Concen: 44.522 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



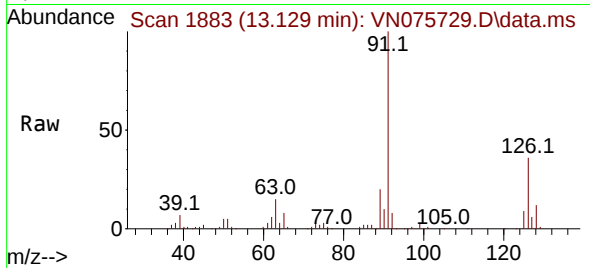
Tgt Ion: 75 Resp: 44219
Ion Ratio Lower Upper
75 100
53 92.3 72.4 108.6
89 47.8 36.6 55.0





#82
4-Chlorotoluene
Concen: 50.542 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

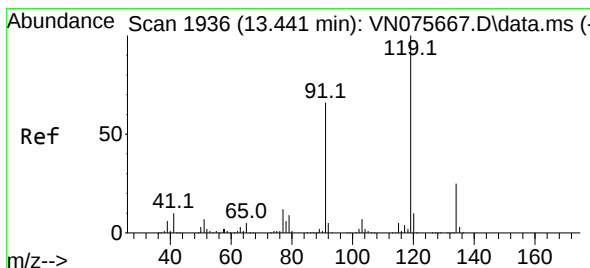
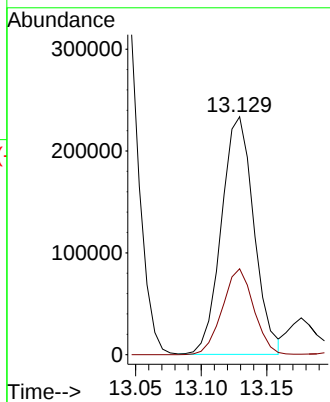
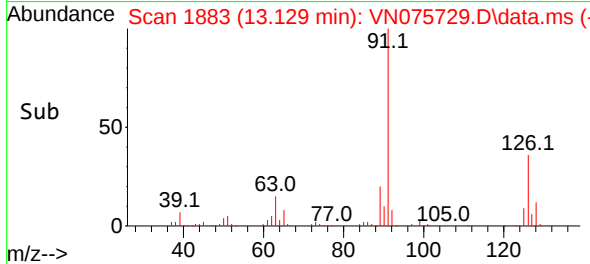
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



Tgt Ion: 91 Resp: 403409
Ion Ratio Lower Upper
91 100
126 34.8 17.8 53.4

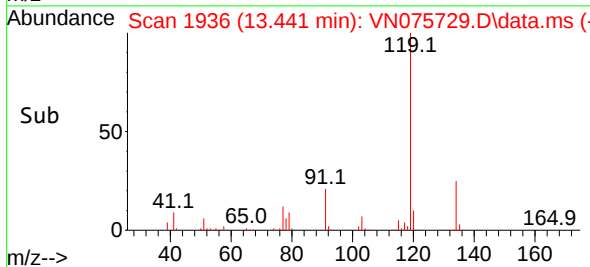
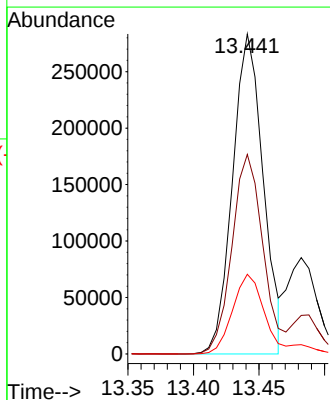
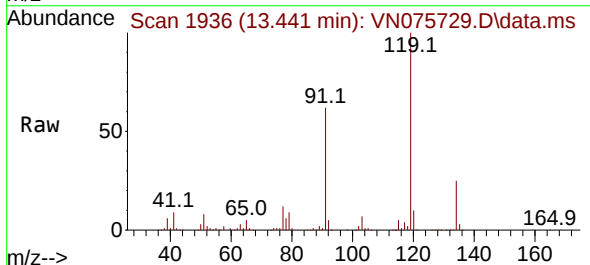
Manual Integrations
APPROVED

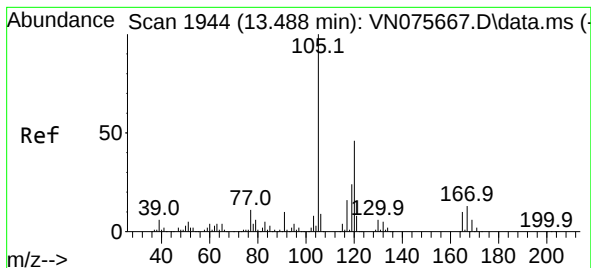
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#83
tert-Butylbenzene
Concen: 52.180 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

Tgt Ion:119 Resp: 460924
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.9
134 27.6 13.9 41.7





#84

1,2,4-Trimethylbenzene

Concen: 53.461 ug/l

RT: 13.482 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VN075729.D

Acq: 12 Dec 2022 21:40

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07MSD

Tgt Ion:105 Resp: 523390

Ion Ratio Lower Upper

105 100

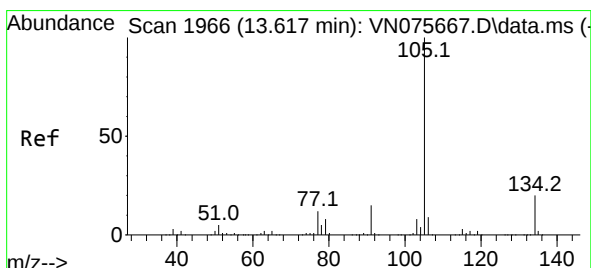
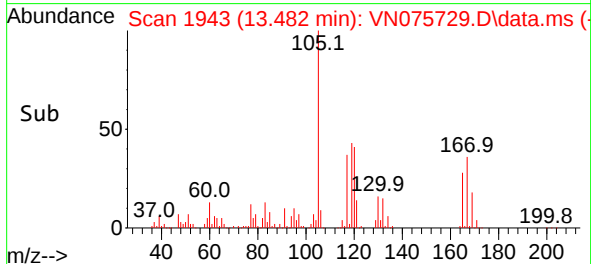
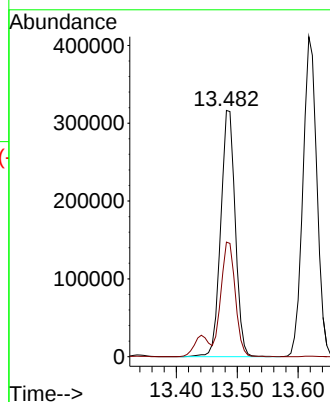
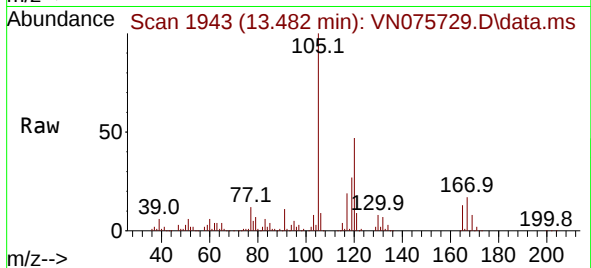
120 46.0 23.1 69.2

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#85

sec-Butylbenzene

Concen: 53.855 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN075729.D

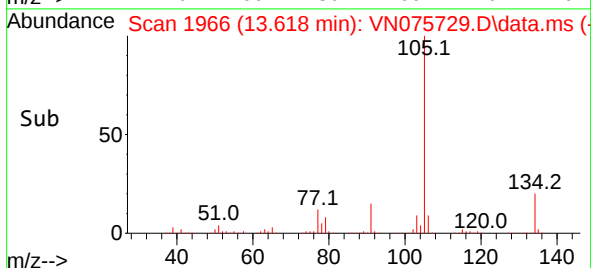
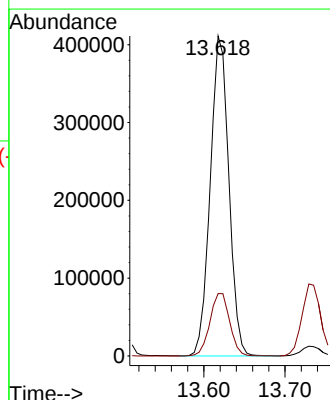
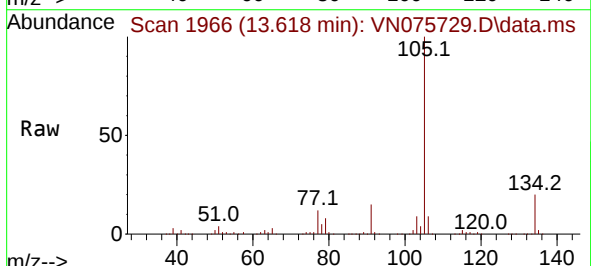
Acq: 12 Dec 2022 21:40

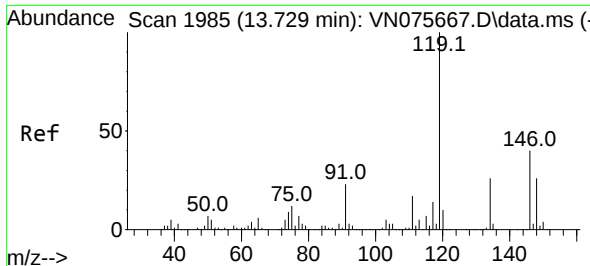
Tgt Ion:105 Resp: 654002

Ion Ratio Lower Upper

105 100

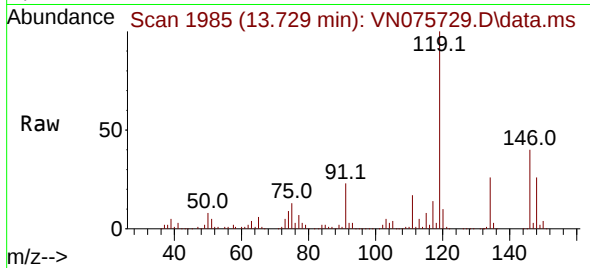
134 20.7 10.2 30.6





#86
p-Isopropyltoluene
Concen: 54.789 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

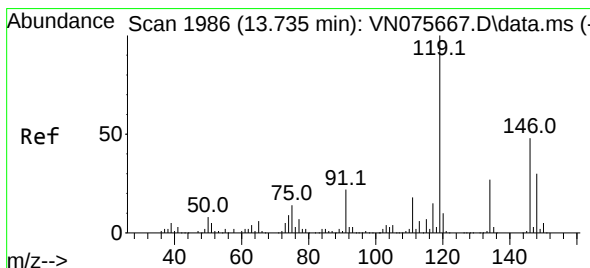
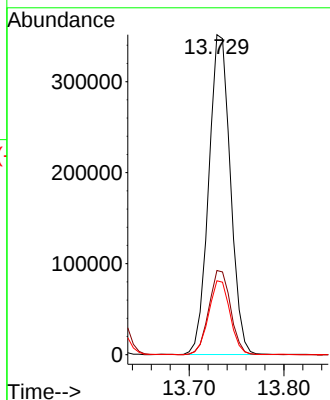
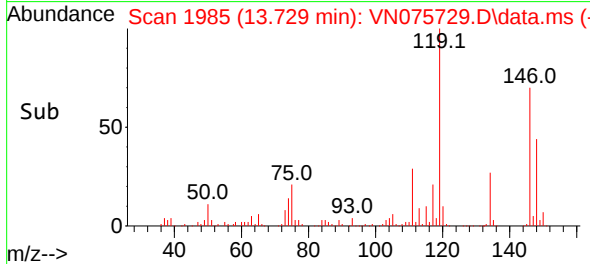
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



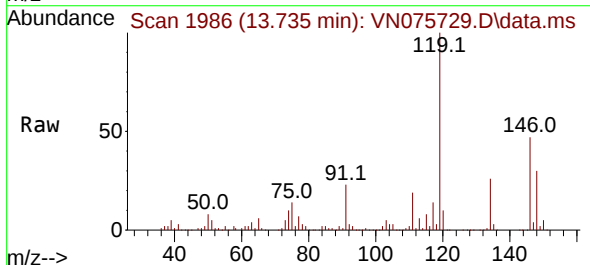
Tgt Ion:119 Resp: 556700
Ion Ratio Lower Upper
119 100
134 26.4 13.3 39.9
91 23.0 11.4 34.1

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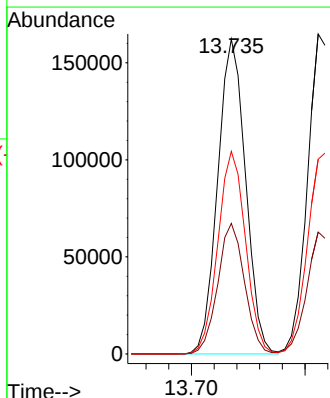
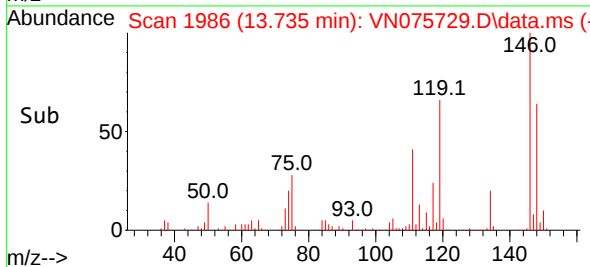
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

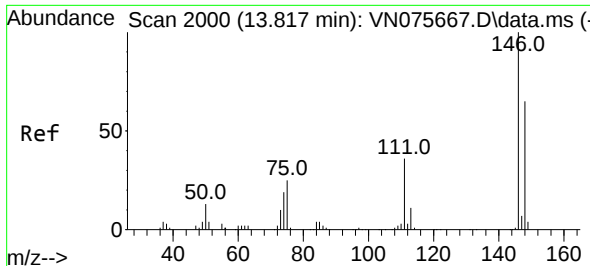


#87
1,3-Dichlorobenzene
Concen: 50.442 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



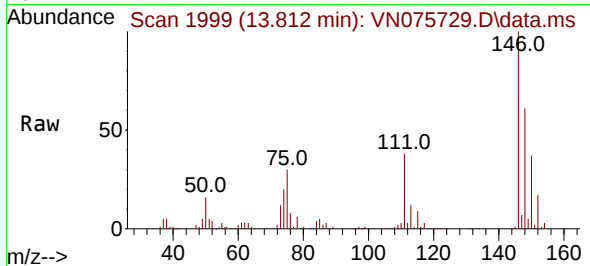
Tgt Ion:146 Resp: 276395
Ion Ratio Lower Upper
146 100
111 39.9 19.8 59.3
148 63.9 32.1 96.3





#88
1,4-Dichlorobenzene
Concen: 49.657 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

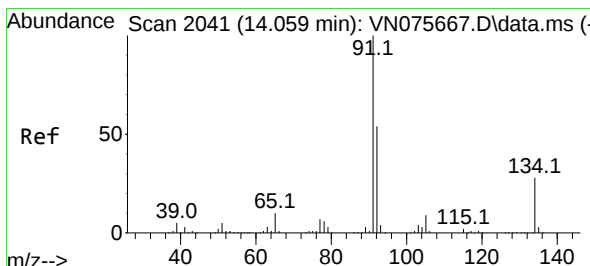
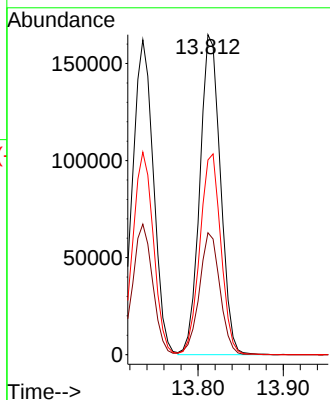
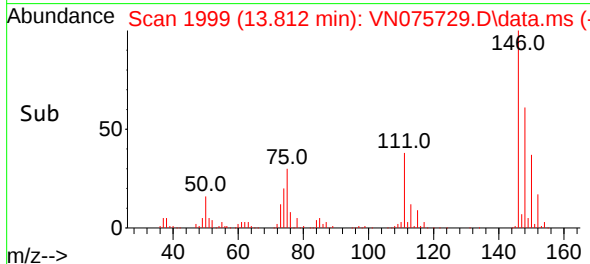
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



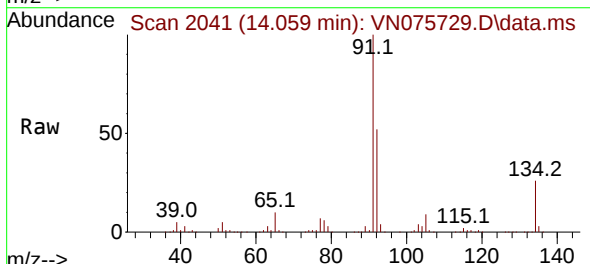
Tgt Ion:146 Resp: 276764
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.1 32.1 96.3

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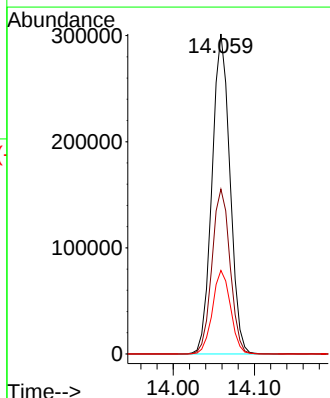
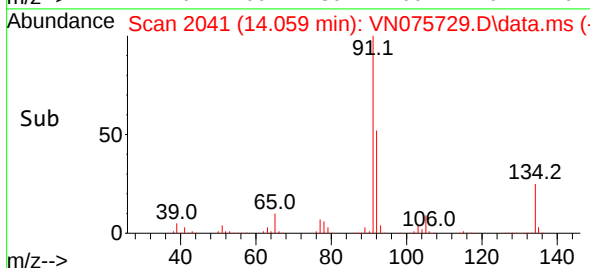
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

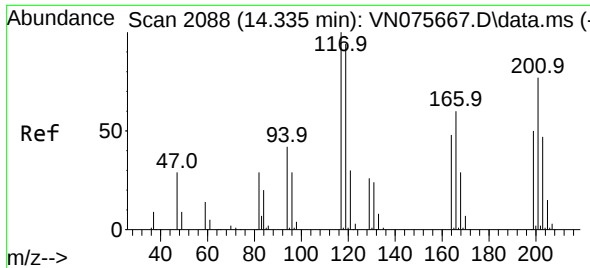


#89
n-Butylbenzene
Concen: 56.812 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



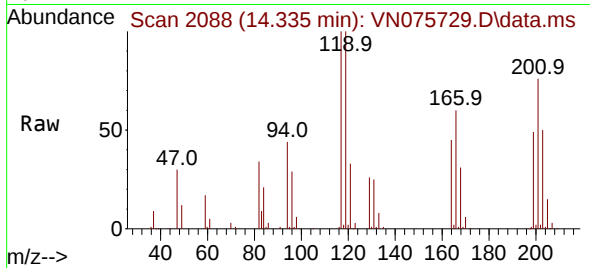
Tgt Ion: 91 Resp: 462673
Ion Ratio Lower Upper
91 100
92 52.0 26.7 80.1
134 26.3 13.9 41.7





#90
Hexachloroethane
Concen: 54.265 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

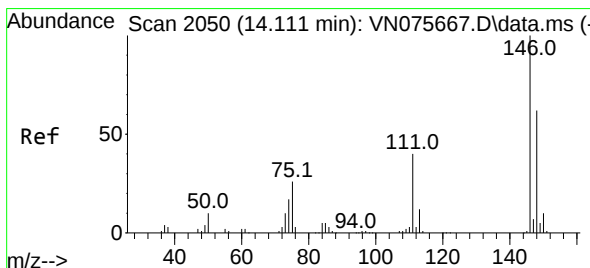
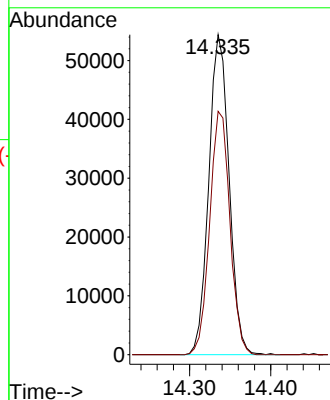
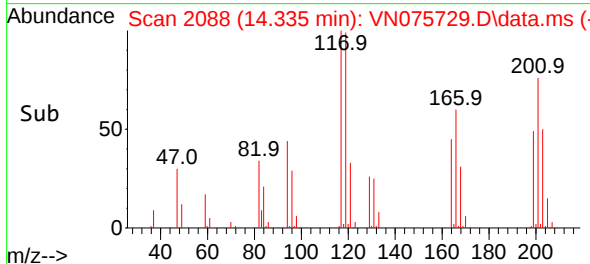
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



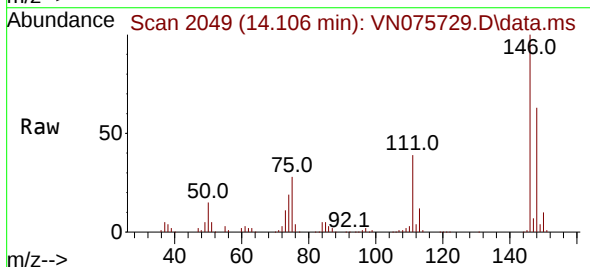
Tgt Ion:117 Resp: 9444
Ion Ratio Lower Upper
117 100
201 75.8 39.2 117.6

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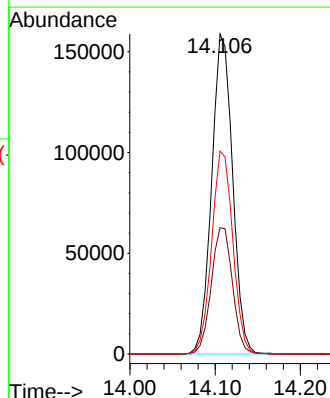
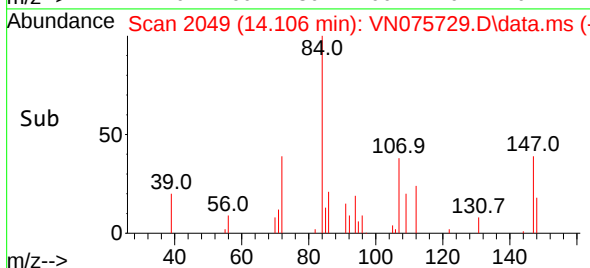
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

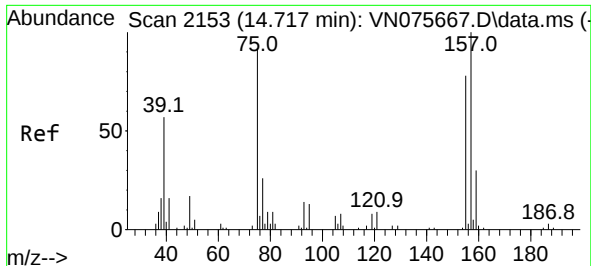


#91
1,2-Dichlorobenzene
Concen: 49.715 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



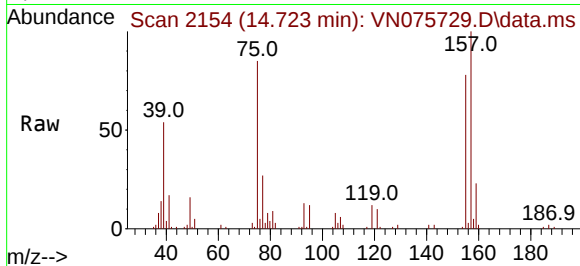
Tgt Ion:146 Resp: 271070
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.3
148 64.2 31.9 95.5





#92
1,2-Dibromo-3-Chloropropane
Concen: 49.351 ug/l
RT: 14.723 min Scan# 2153
Delta R.T. 0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

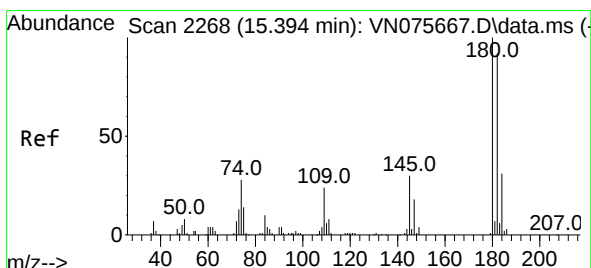
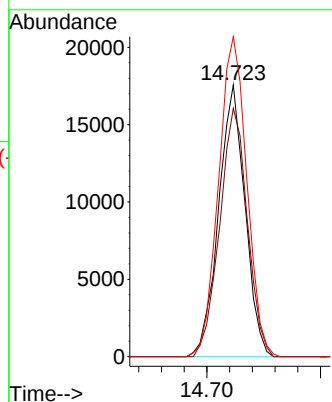
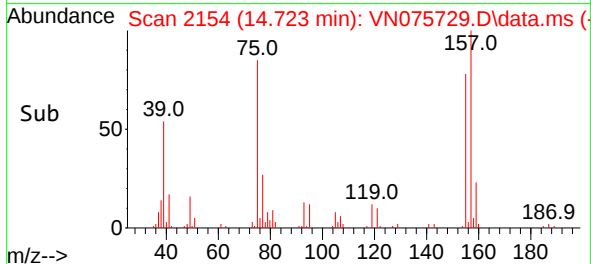
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



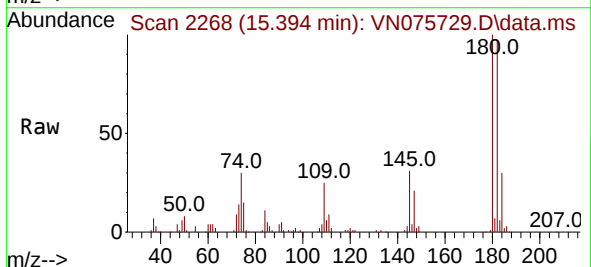
Tgt Ion: 75 Resp: 2838
Ion Ratio Lower Upper
75 100
155 95.5 48.4 145.2
157 125.4 63.5 190.6

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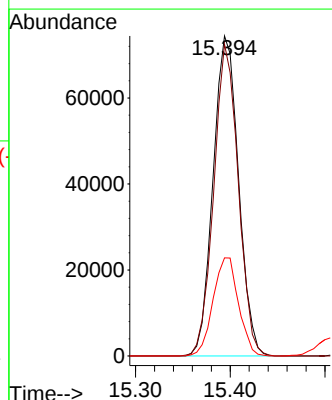
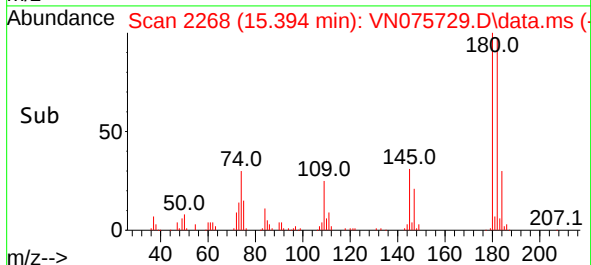
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

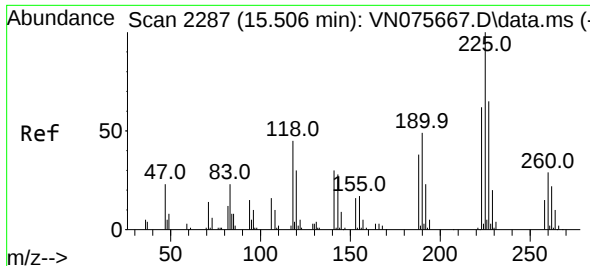


#93
1,2,4-Trichlorobenzene
Concen: 53.019 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



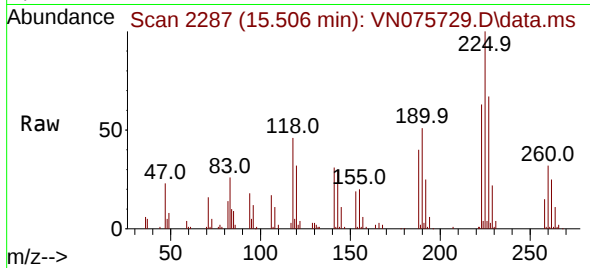
Tgt Ion:180 Resp: 138791
Ion Ratio Lower Upper
180 100
182 93.8 47.1 141.3
145 30.7 15.2 45.5





#94
Hexachlorobutadiene
Concen: 49.388 ug/l
RT: 15.506 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40

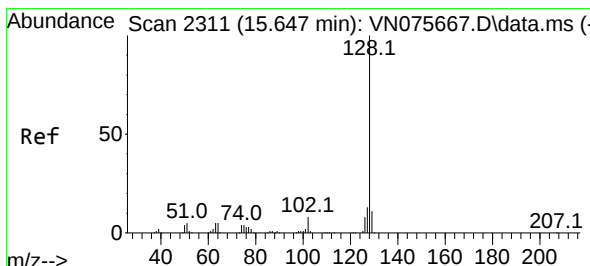
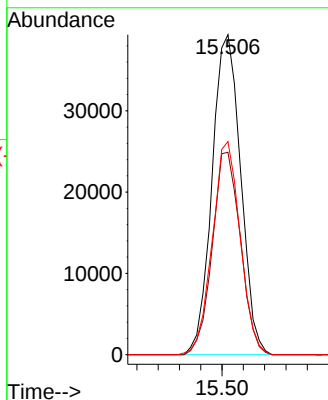
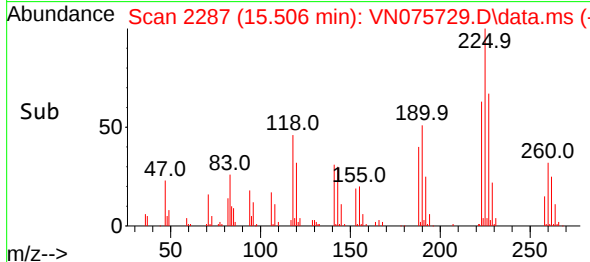
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07MSD



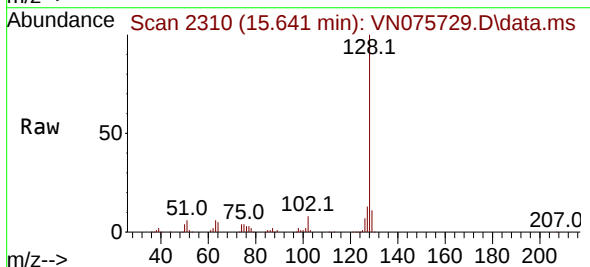
Tgt Ion:225 Resp: 7335
Ion Ratio Lower Upper
225 100
223 62.1 31.4 94.2
227 64.9 31.3 93.9

Manual Integrations
APPROVED

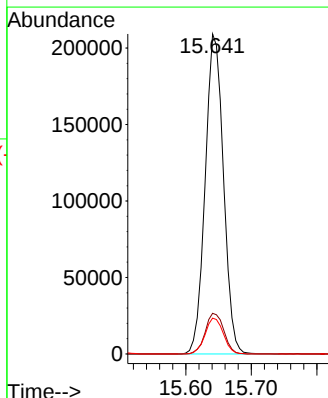
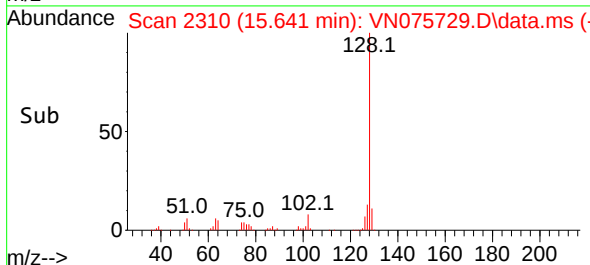
Reviewed By :John Carlone 12/13/2022
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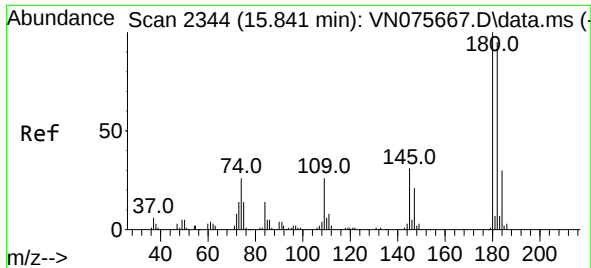


#95
Naphthalene
Concen: 52.359 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075729.D
Acq: 12 Dec 2022 21:40



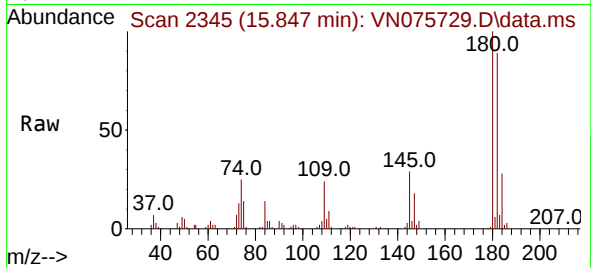
Tgt Ion:128 Resp: 405100
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 51.960 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075729.D
 Acq: 12 Dec 2022 21:40

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07MSD



Tgt Ion:180 Resp: 13365
 Ion Ratio Lower Upper
 180 100
 182 94.8 46.8 140.4
 145 32.2 15.6 46.8

Manual Integrations
 APPROVED

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

