

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075736.D
 Acq On : 13 Dec 2022 03:15
 Operator : JC\MD
 Sample : VN1212WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 05:34:44 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

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	201518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	329689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116819	54.635	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.280%			
35) Dibromofluoromethane	8.171	113	107882	53.633	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.260%			
50) Toluene-d8	10.571	98	406956	53.873	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.740%			
62) 4-Bromofluorobenzene	12.853	95	136777	52.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	26685	18.004	ug/l	97
3) Chloromethane	2.377	50	33353	18.888	ug/l	97
4) Vinyl Chloride	2.524	62	39063	18.009	ug/l	99
5) Bromomethane	2.959	94	34886	18.884	ug/l	98
6) Chloroethane	3.130	64	29856	18.447	ug/l	99
7) Trichlorofluoromethane	3.512	101	58577	18.613	ug/l	98
8) Diethyl Ether	3.977	74	22908	19.910	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	34318	18.581	ug/l	99
10) Methyl Iodide	4.606	142	57526	19.060	ug/l	99
11) Tert butyl alcohol	5.541	59	30463	96.306	ug/l	98
12) 1,1-Dichloroethene	4.353	96	34259	19.845	ug/l	99
13) Acrolein	4.194	56	50283	138.025	ug/l	97
14) Allyl chloride	5.042	41	39612	18.426	ug/l	97
15) Acrylonitrile	5.730	53	80547	98.583	ug/l	97
16) Acetone	4.447	43	62213	85.918	ug/l	93
17) Carbon Disulfide	4.724	76	82822	18.131	ug/l	99
18) Methyl Acetate	5.042	43	43269	18.596	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	118084	20.334	ug/l	99
20) Methylene Chloride	5.289	84	40647	18.830	ug/l	99
21) trans-1,2-Dichloroethene	5.806	96	36692	19.019	ug/l	95
22) Diisopropyl ether	6.683	45	103884	21.238	ug/l	99
23) Vinyl Acetate	6.612	43	382590m	102.573	ug/l	
24) 1,1-Dichloroethane	6.583	63	65481	20.337	ug/l	96
25) 2-Butanone	7.494	43	101686	96.063	ug/l	94
26) 2,2-Dichloropropane	7.500	77	48052	17.498	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	46119	19.691	ug/l	97
28) Bromochloromethane	7.824	49	27136	21.079	ug/l	98
29) Tetrahydrofuran	7.847	42	65938	101.063	ug/l	98
30) Chloroform	7.971	83	73918	20.726	ug/l	96
31) Cyclohexane	8.259	56	58062	18.341	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	67164	20.413	ug/l	95
36) 1,1-Dichloropropene	8.377	75	51462	19.267	ug/l	99
37) Ethyl Acetate	7.571	43	43583	20.324	ug/l	97
38) Carbon Tetrachloride	8.365	117	57240	18.572	ug/l	99
39) Methylcyclohexane	9.606	83	63619	18.784	ug/l	97
40) Benzene	8.612	78	163506	19.947	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	21738	19.769	ug/l	99
42) 1,2-Dichloroethane	8.677	62	54182	19.760	ug/l	100
43) Isopropyl Acetate	8.694	43	71688	20.024	ug/l	99
44) Trichloroethene	9.353	130	44143	19.089	ug/l	93
45) 1,2-Dichloropropane	9.624	63	39001	20.005	ug/l	99
46) Dibromomethane	9.712	93	29709	20.298	ug/l	98
47) Bromodichloromethane	9.888	83	57472	20.027	ug/l	93
48) Methyl methacrylate	9.682	41	32365	19.629	ug/l	99
49) 1,4-Dioxane	9.700	88	15252	380.528	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	217417	98.488	ug/l	100
52) Toluene	10.635	92	108760	20.074	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	56778	20.033	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	62968	19.969	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	41862	19.651	ug/l	94
56) Ethyl methacrylate	10.876	69	58280	20.191	ug/l	99
57) 1,3-Dichloropropane	11.165	76	70876	20.585	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.165	63	70614	82.856	ug/l	100
59) 2-Hexanone	11.194	43	156976	97.876	ug/l	99
60) Dibromochloromethane	11.359	129	47849	20.413	ug/l	98
61) 1,2-Dibromoethane	11.470	107	43549	19.513	ug/l	98
64) Tetrachloroethene	11.106	164	39451	17.982	ug/l	94
65) Chlorobenzene	11.894	112	117397	18.944	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	44623	19.791	ug/l	98
67) Ethyl Benzene	11.965	91	206904	19.736	ug/l	98
68) m/p-Xylenes	12.076	106	164804	38.905	ug/l	99
69) o-Xylene	12.400	106	83517	20.317	ug/l	99
70) Styrene	12.412	104	131744	19.983	ug/l	100
71) Bromoform	12.582	173	33015	19.318	ug/l #	96
73) Isopropylbenzene	12.700	105	208512	19.803	ug/l	99
74) N-amyl acetate	12.494	43	61306	20.039	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	60335	19.076	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	50478m	17.141	ug/l	
77) Bromobenzene	12.982	156	52178	19.705	ug/l	98
78) n-propylbenzene	13.035	91	232901	19.934	ug/l	99
79) 2-Chlorotoluene	13.129	91	143159	19.847	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	178577	20.286	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	14701	18.077	ug/l	98
82) 4-Chlorotoluene	13.129	91	143159	19.847	ug/l	100
83) tert-Butylbenzene	13.441	119	159606	19.993	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	177145	20.022	ug/l	99
85) sec-Butylbenzene	13.617	105	212832	19.393	ug/l	99
86) p-Isopropyltoluene	13.729	119	182288	19.851	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	97278	19.644	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	95531	18.966	ug/l	98
89) n-Butylbenzene	14.059	91	139384	18.938	ug/l	99
90) Hexachloroethane	14.335	117	31671	20.136	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	96103	19.503	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9558	18.390	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	44991	19.018	ug/l	98
94) Hexachlorobutadiene	15.506	225	23663	17.629	ug/l	96
95) Naphthalene	15.641	128	131859	18.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	44312	19.062	ug/l	99

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VN1212WBSD02

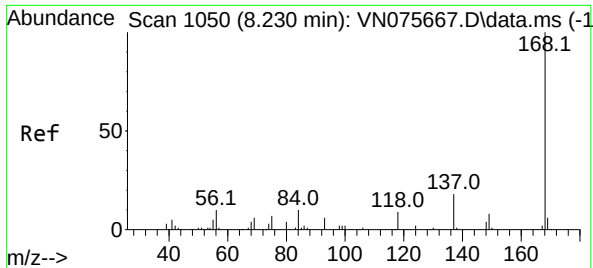
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration

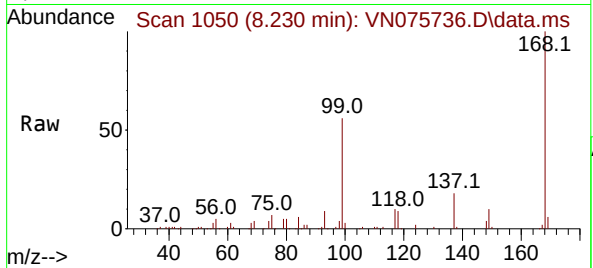
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
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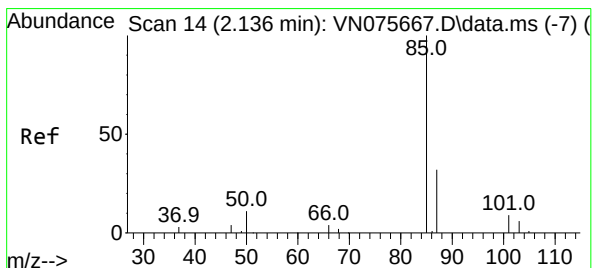
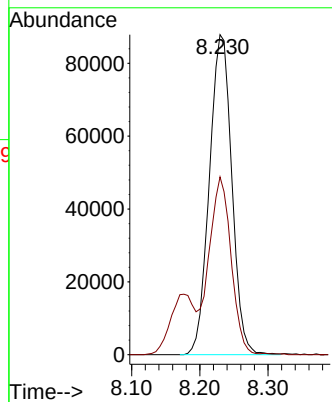
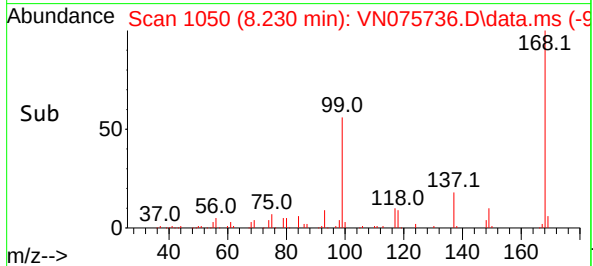
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 201518
Ion Ratio Lower Upper
168 100
99 55.3 41.2 61.8

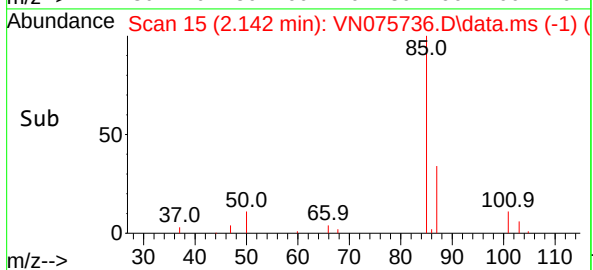
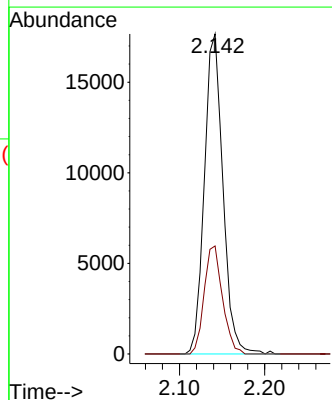
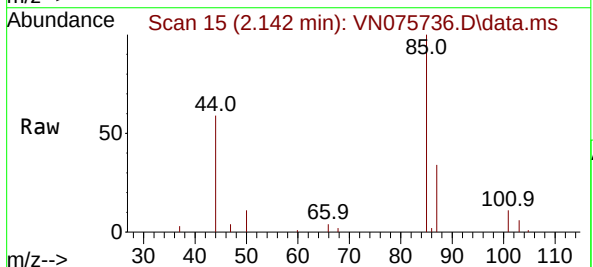
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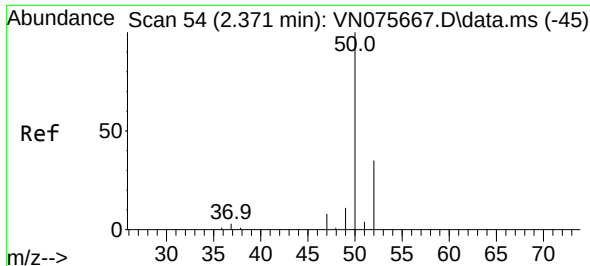
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#2
Dichlorodifluoromethane
Concen: 18.004 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 85 Resp: 26685
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2





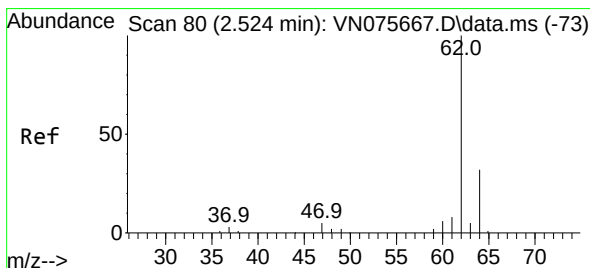
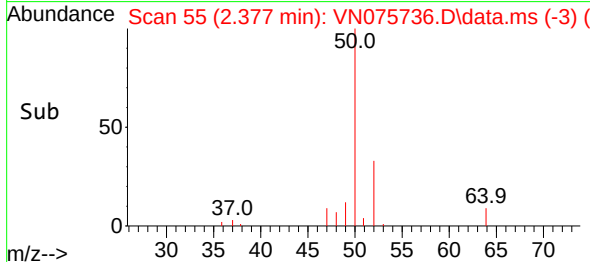
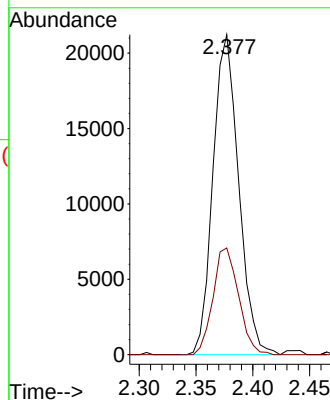
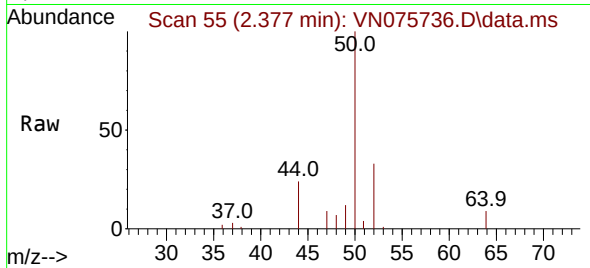
#3
Chloromethane
Concen: 18.888 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
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Tgt Ion: 50 Resp: 3335
Ion Ratio Lower Upper
50 100
52 33.3 27.9 41.9

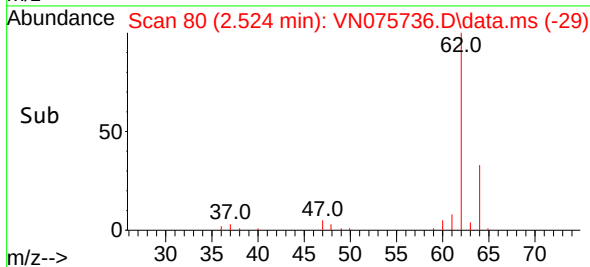
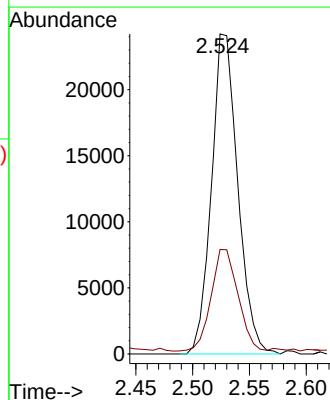
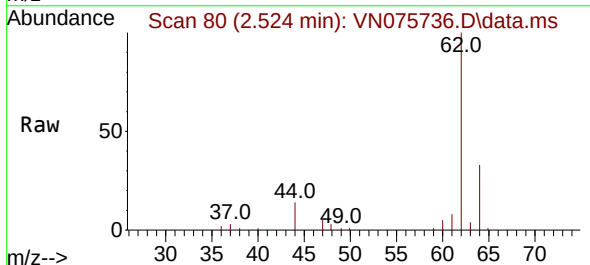
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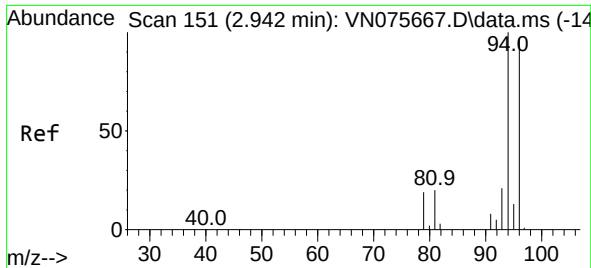
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#4
Vinyl Chloride
Concen: 18.009 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 62 Resp: 39063
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9





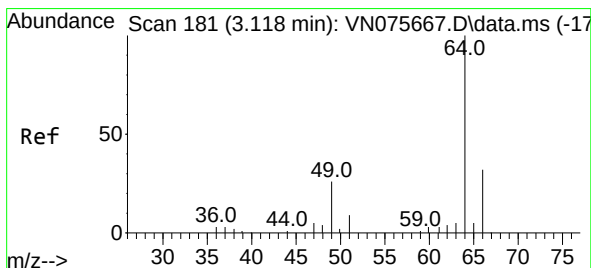
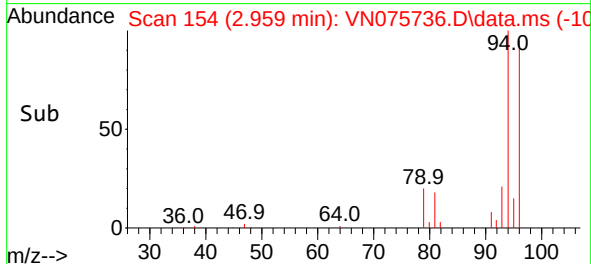
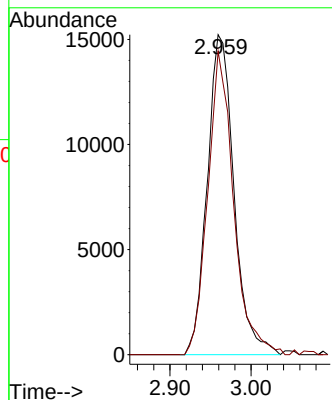
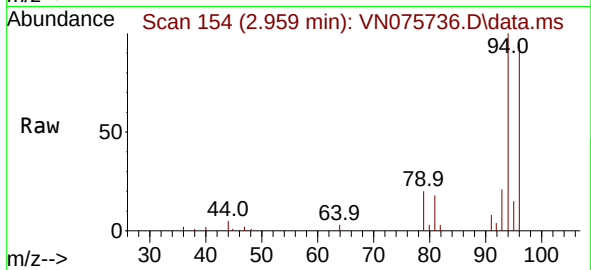
#5
Bromomethane
Concen: 18.884 ug/l
RT: 2.959 min Scan# 154
Delta R.T. 0.018 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
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Tgt Ion: 94 Resp: 3488
Ion Ratio Lower Upper
94 100
96 94.9 77.6 116.4

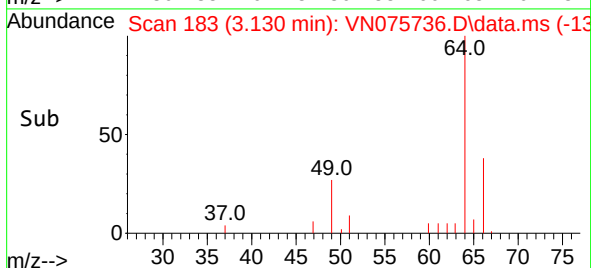
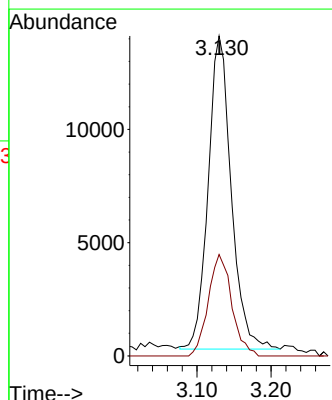
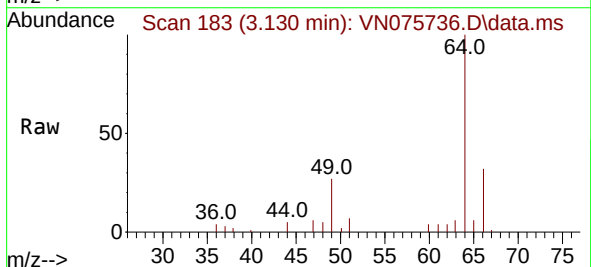
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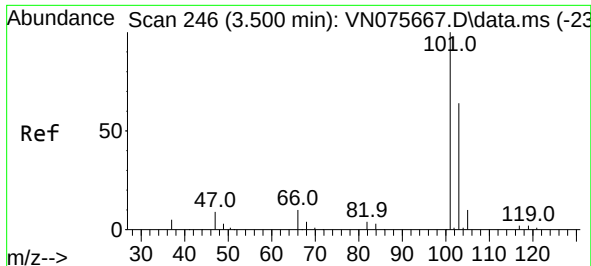
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 18.447 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075736.D
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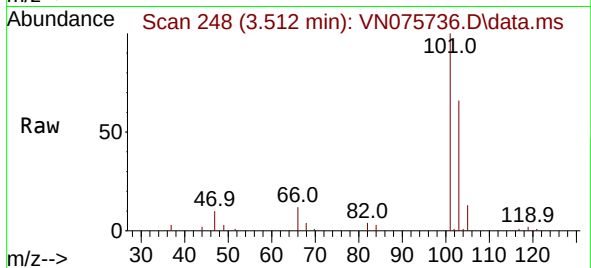
Tgt Ion: 64 Resp: 29856
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5





#7
Trichlorofluoromethane
Concen: 18.613 ug/l
RT: 3.512 min Scan# 246
Delta R.T. 0.012 min
Lab File: VN075736.D
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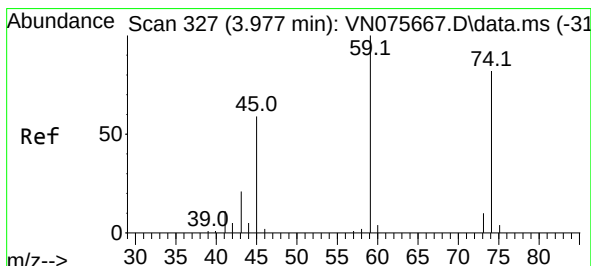
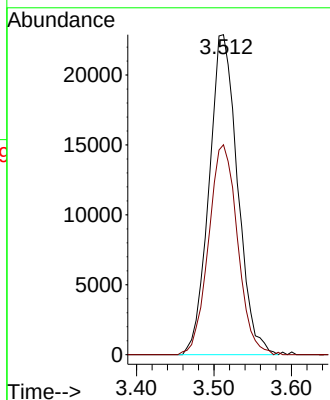
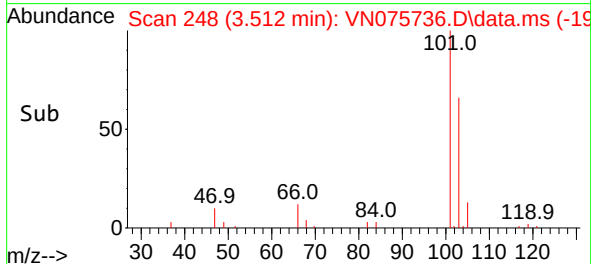
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion:101 Resp: 5857
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

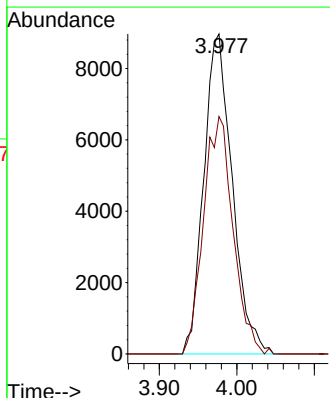
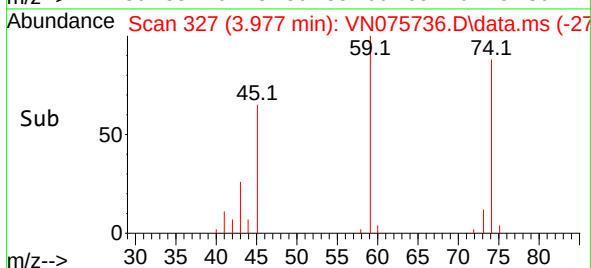
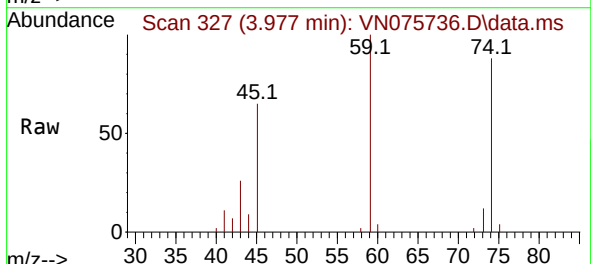
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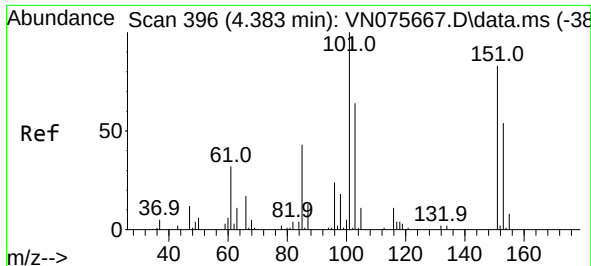
Reviewed By :John Carlone 12/13/2022
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#8
Diethyl Ether
Concen: 19.910 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 74 Resp: 22908
Ion Ratio Lower Upper
74 100
45 76.8 36.8 110.4





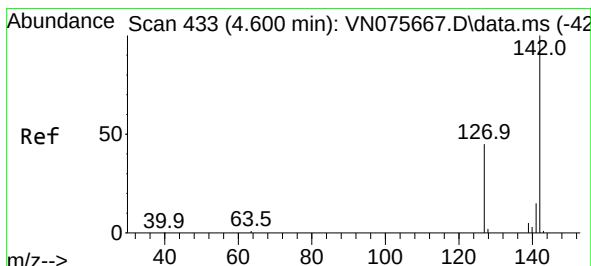
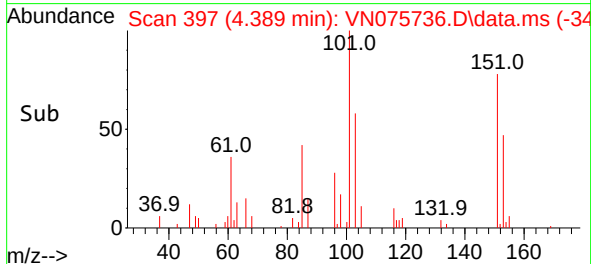
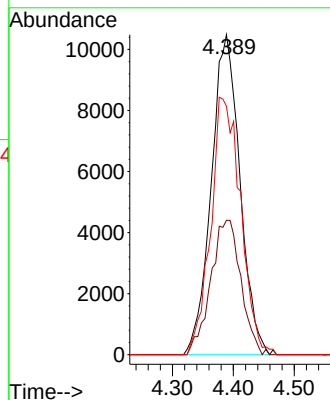
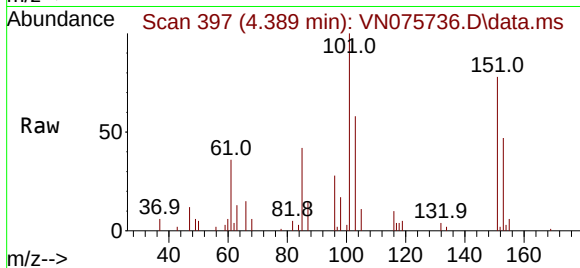
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.581 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion:101 Resp: 34318
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 83.6 65.6 98.4

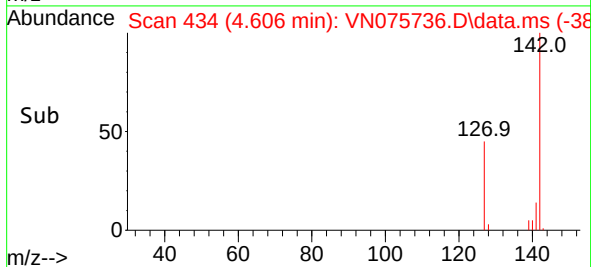
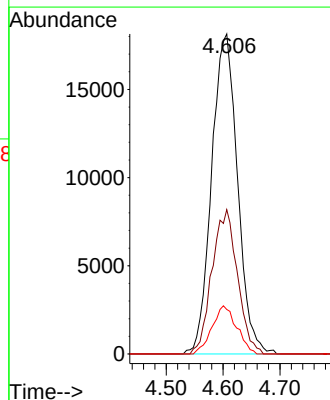
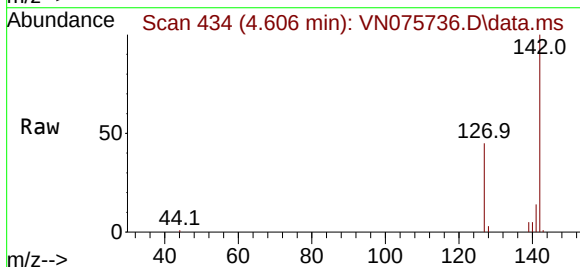
Manual Integrations
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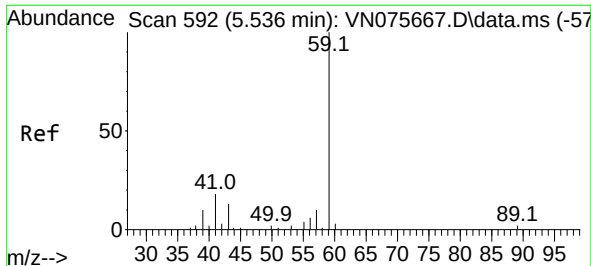
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 19.060 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion:142 Resp: 57526
Ion Ratio Lower Upper
142 100
127 44.2 35.0 52.4
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 96.306 ug/l

RT: 5.541 min Scan# 59

Delta R.T. 0.006 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion: 59 Resp: 3046

Ion Ratio Lower Upper

59 100

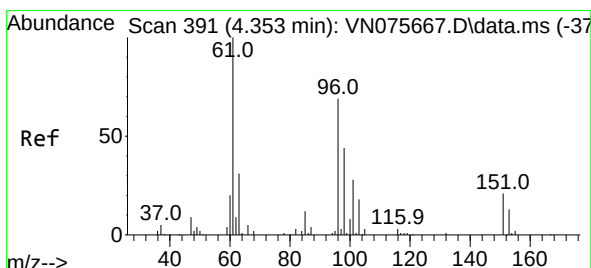
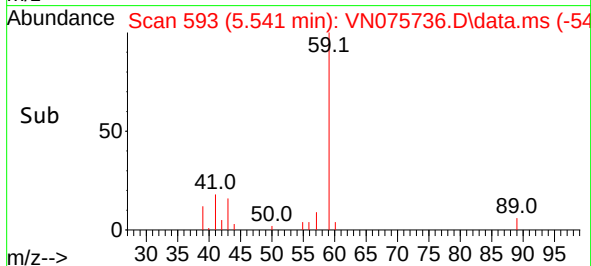
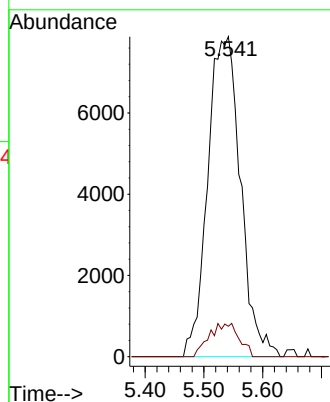
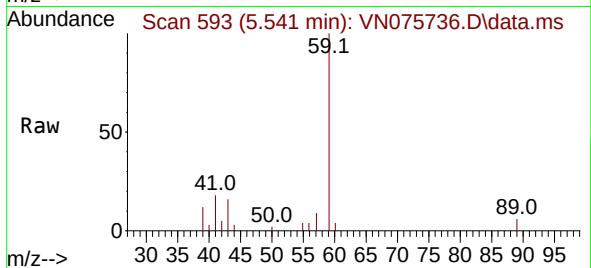
57 9.5 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#12

1,1-Dichloroethene

Concen: 19.845 ug/l

RT: 4.353 min Scan# 391

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

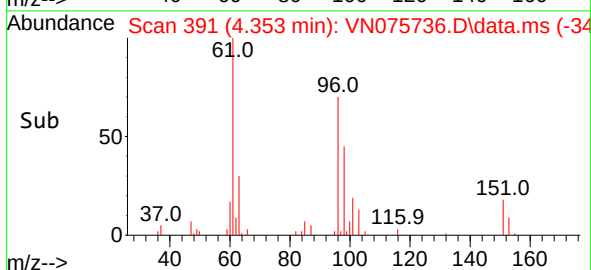
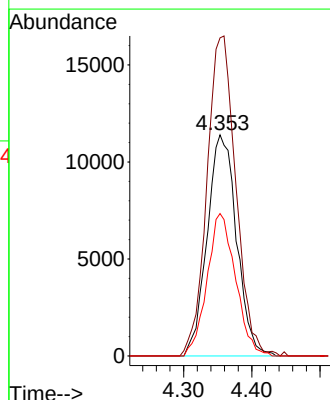
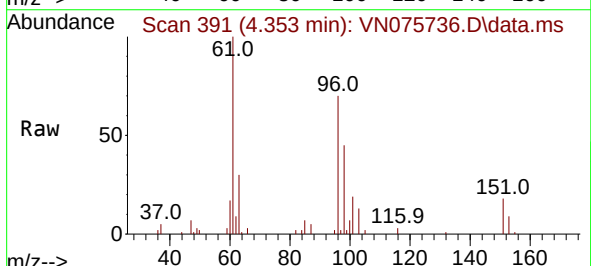
Tgt Ion: 96 Resp: 34259

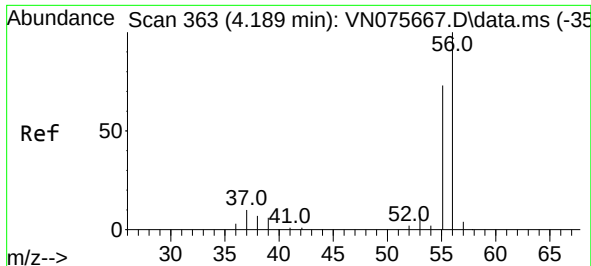
Ion Ratio Lower Upper

96 100

61 143.8 116.8 175.2

98 64.4 51.6 77.4





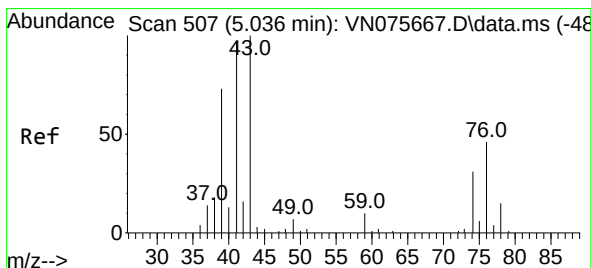
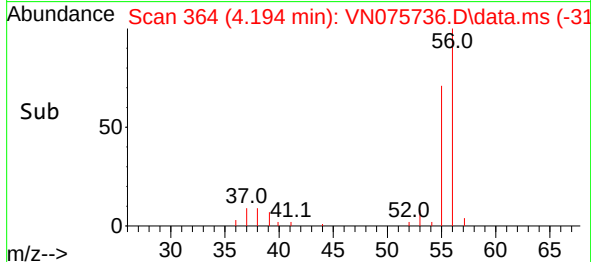
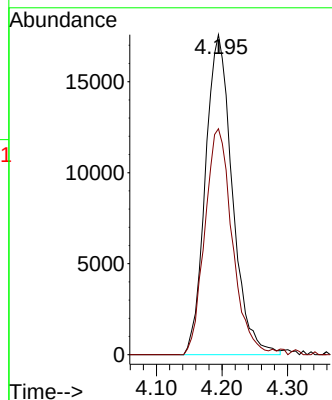
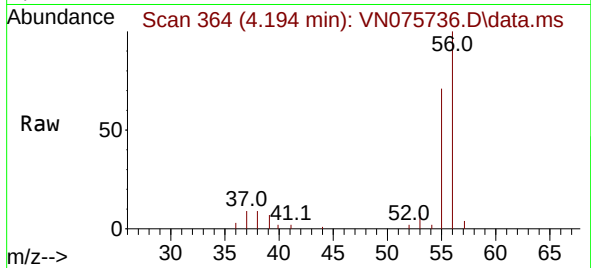
#13
Acrolein
Concen: 138.025 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion: 56 Resp: 5028
Ion Ratio Lower Upper
56 100
55 71.7 55.7 83.5

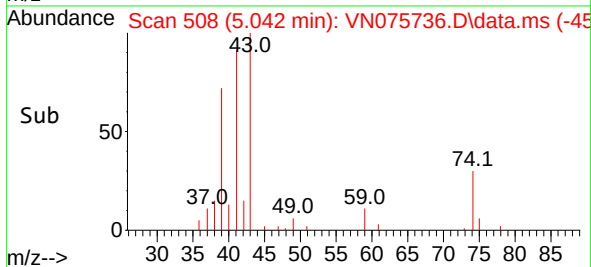
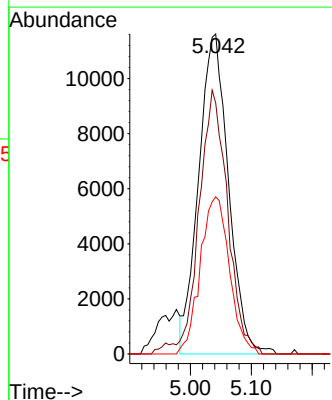
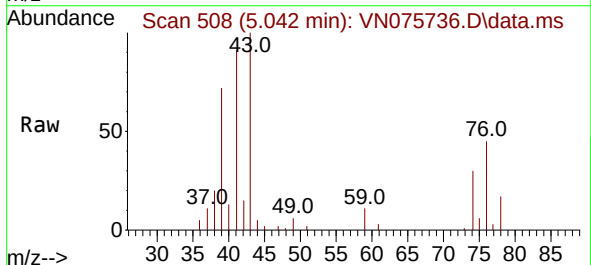
Manual Integrations
APPROVED

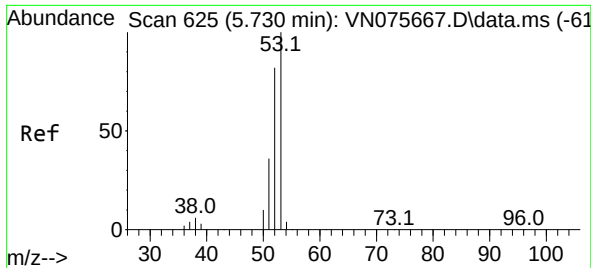
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#14
Allyl chloride
Concen: 18.426 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

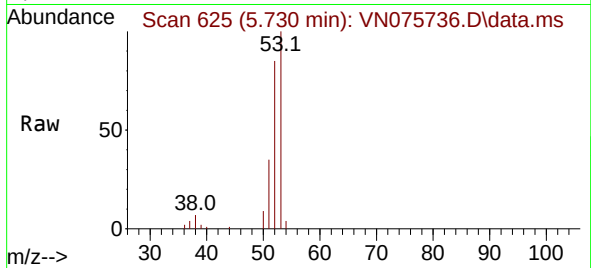
Tgt Ion: 41 Resp: 39612
Ion Ratio Lower Upper
41 100
39 79.3 64.6 96.8
76 48.0 40.9 61.3





#15
Acrylonitrile
Concen: 98.583 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

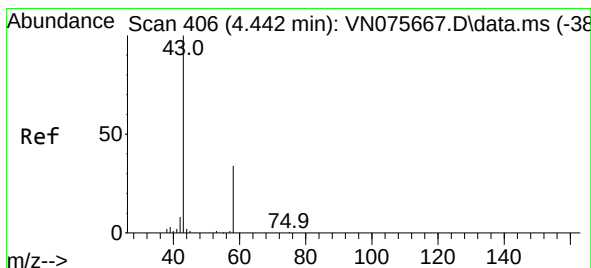
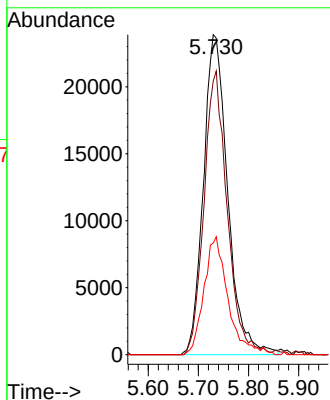
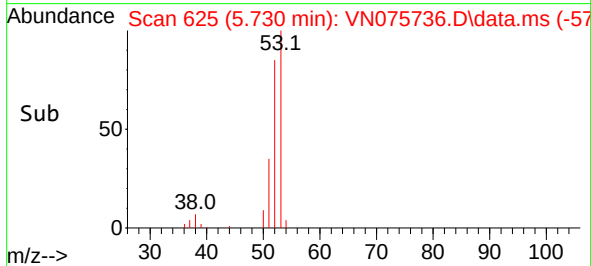
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion: 53 Resp: 8054
Ion Ratio Lower Upper
53 100
52 84.5 65.0 97.4
51 36.5 28.9 43.3

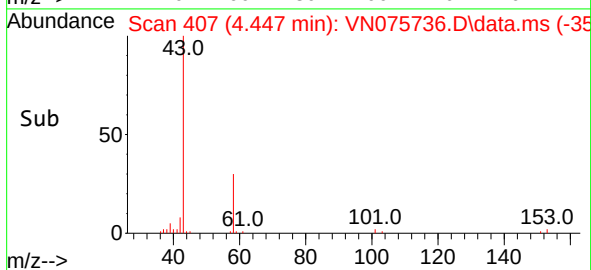
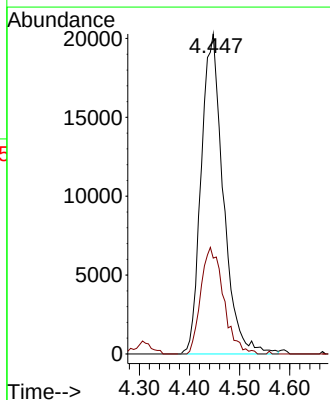
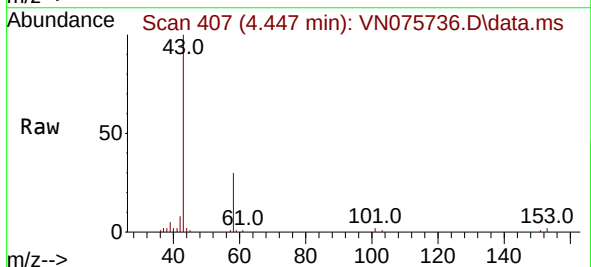
Manual Integrations
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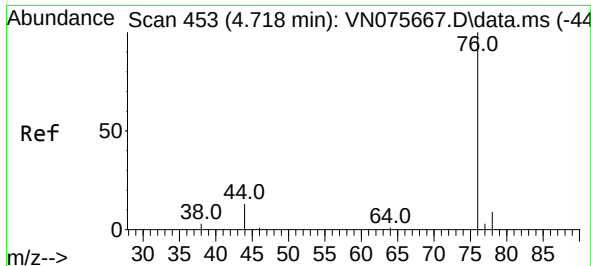
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#16
Acetone
Concen: 85.918 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

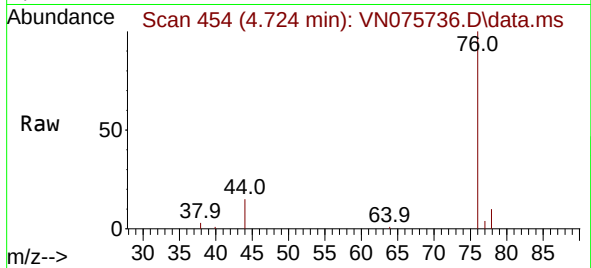
Tgt Ion: 43 Resp: 62213
Ion Ratio Lower Upper
43 100
58 29.9 27.0 40.4





#17
Carbon Disulfide
Concen: 18.131 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

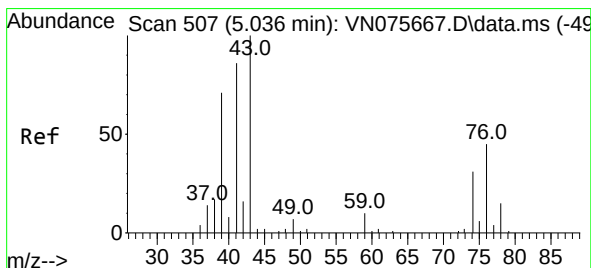
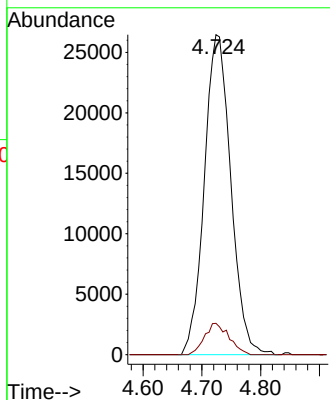
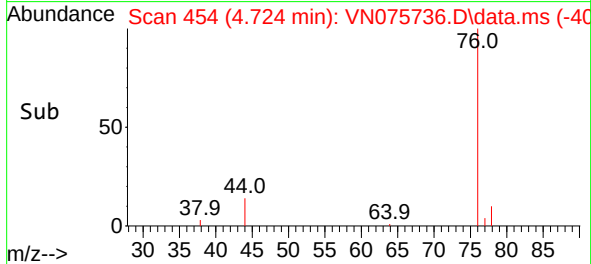
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion: 76 Resp: 8282
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.2

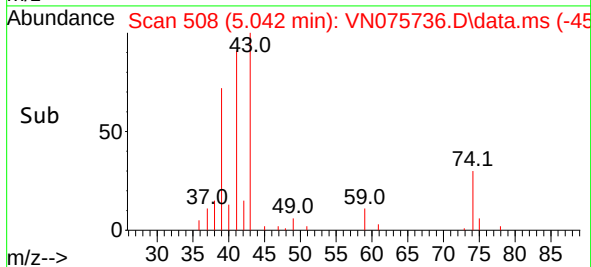
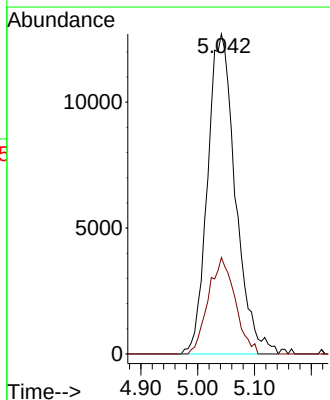
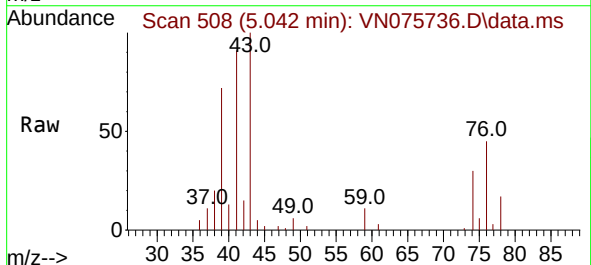
Manual Integrations
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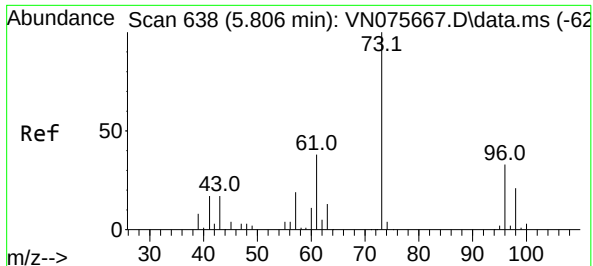
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 18.596 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 43 Resp: 43269
Ion Ratio Lower Upper
43 100
74 29.0 24.5 36.7





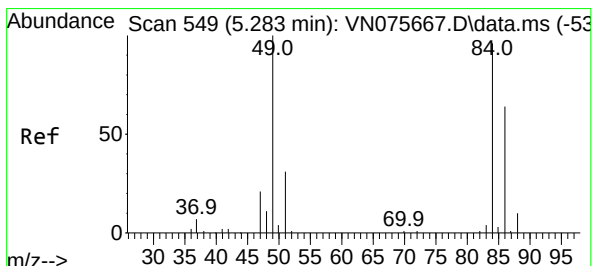
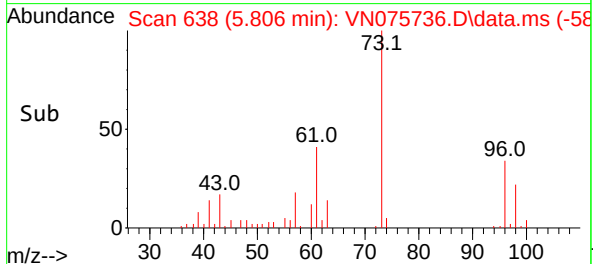
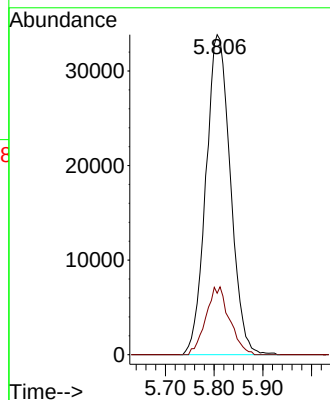
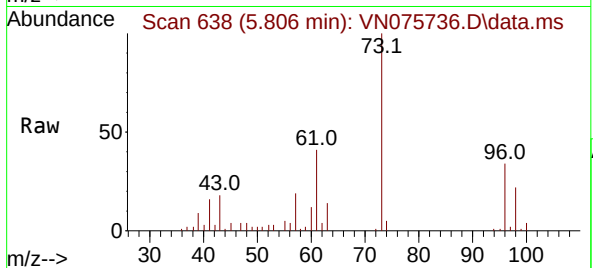
#19
Methyl tert-butyl Ether
Concen: 20.334 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion: 73 Resp: 118084
Ion Ratio Lower Upper
73 100
57 19.2 15.1 22.7

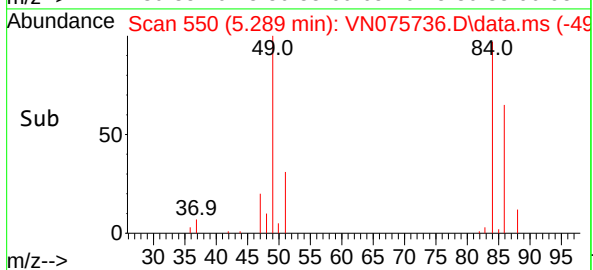
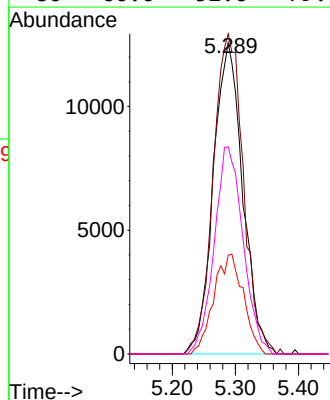
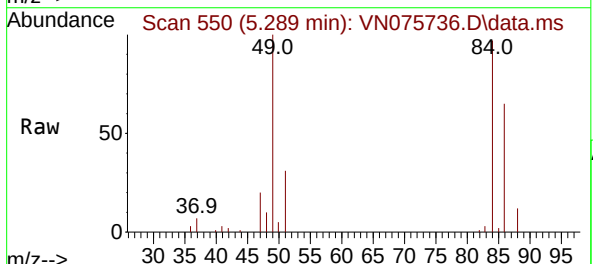
Manual Integrations
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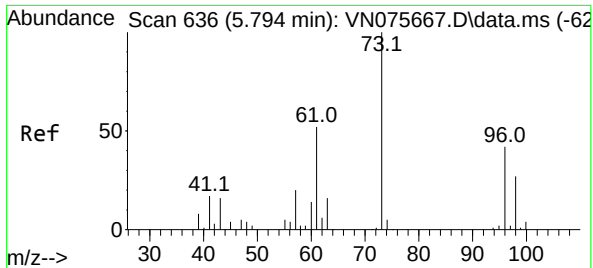
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#20
Methylene Chloride
Concen: 18.830 ug/l
RT: 5.289 min Scan# 550
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 84 Resp: 40647
Ion Ratio Lower Upper
84 100
49 102.9 83.0 124.4
51 31.8 26.0 39.0
86 66.6 52.6 79.0





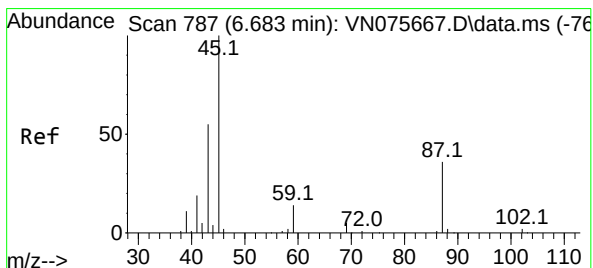
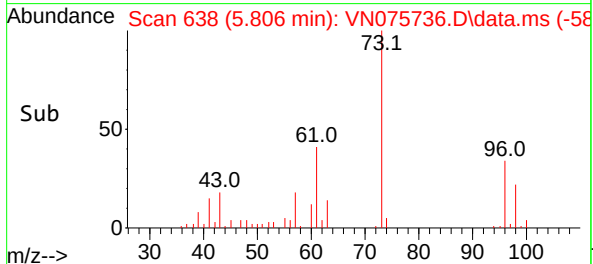
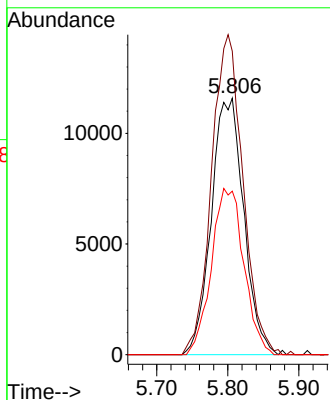
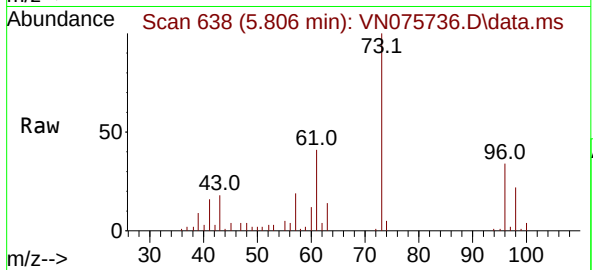
#21
trans-1,2-Dichloroethene
Concen: 19.019 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion: 96 Resp: 36692
Ion Ratio Lower Upper
96 100
61 118.3 100.5 150.7
98 63.8 52.7 79.1

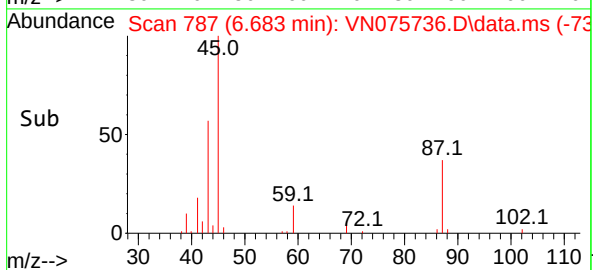
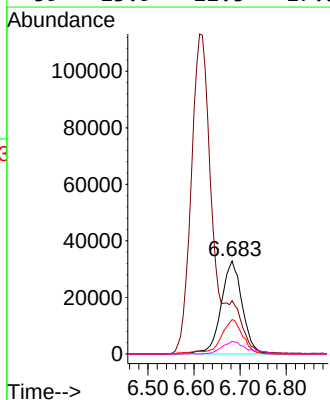
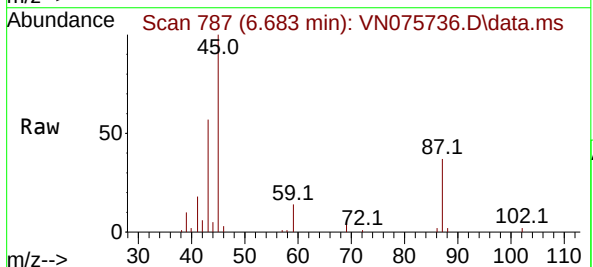
Manual Integrations
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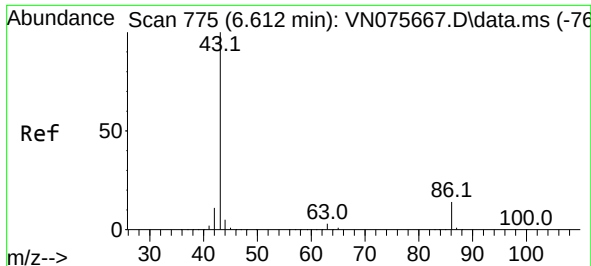
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#22
Diisopropyl ether
Concen: 21.238 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

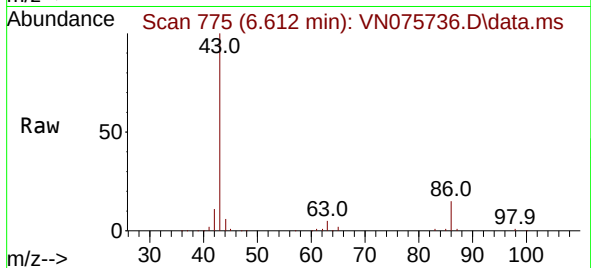
Tgt Ion: 45 Resp: 103884
Ion Ratio Lower Upper
45 100
43 56.2 44.9 67.3
87 37.1 28.8 43.2
59 13.9 11.5 17.3





#23
 Vinyl Acetate
 Concen: 102.573 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075736.D
 Acq: 13 Dec 2022 03:15

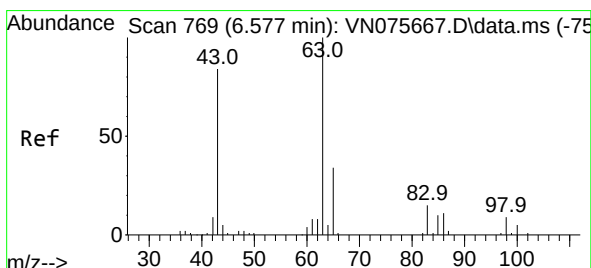
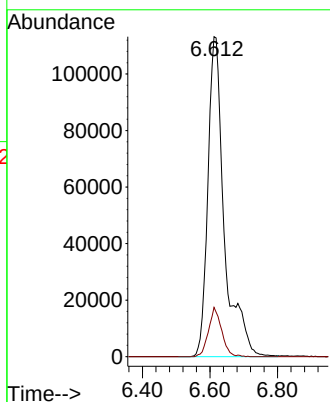
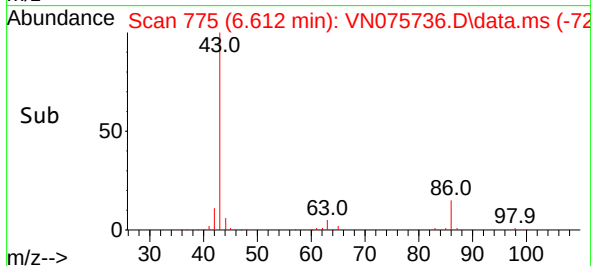
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD02



Tgt Ion: 43 Resp: 382590
 Ion Ratio Lower Upper
 43 100
 86 15.4 11.5 17.3

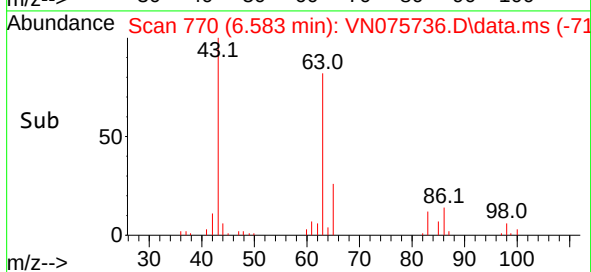
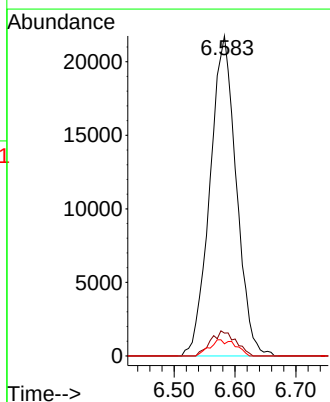
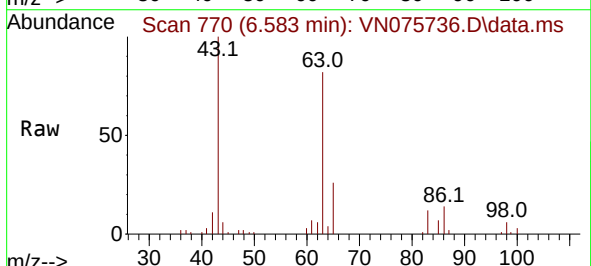
Manual Integrations
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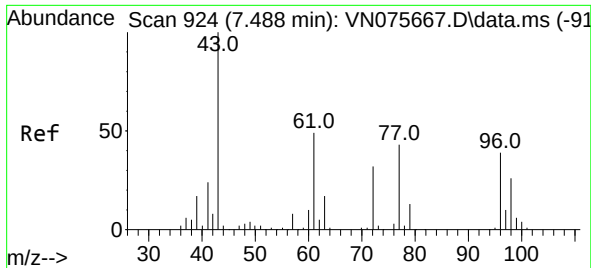
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 20.337 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075736.D
 Acq: 13 Dec 2022 03:15

Tgt Ion: 63 Resp: 65481
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.3 12.9
 100 3.8 2.6 7.8





#25

2-Butanone

Concen: 96.063 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion: 43 Resp: 101680

Ion Ratio Lower Upper

43 100

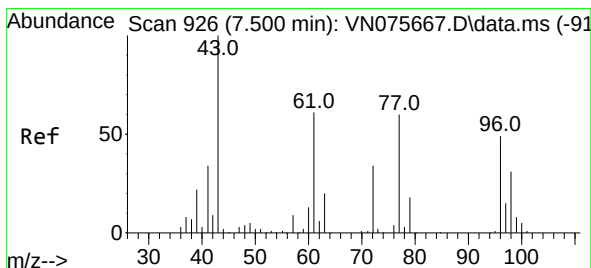
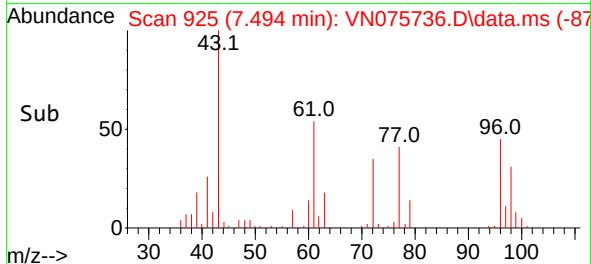
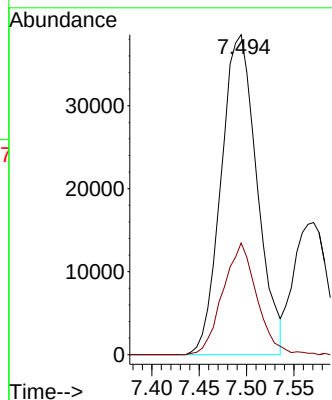
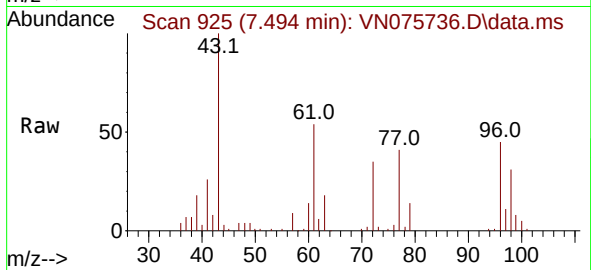
72 34.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 17.498 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075736.D

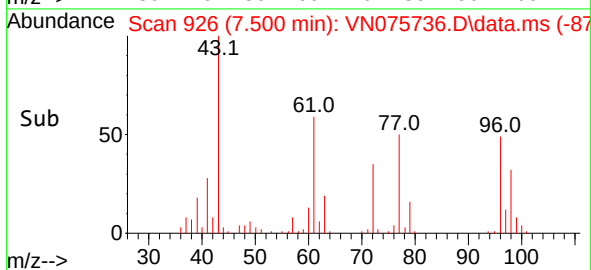
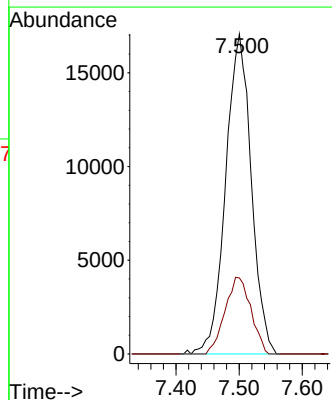
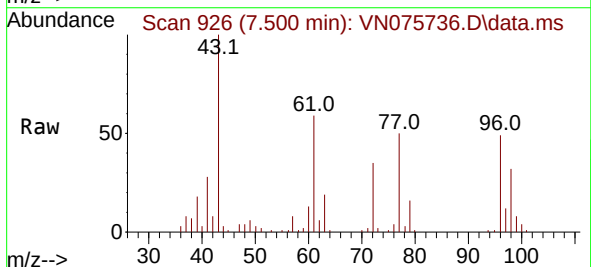
Acq: 13 Dec 2022 03:15

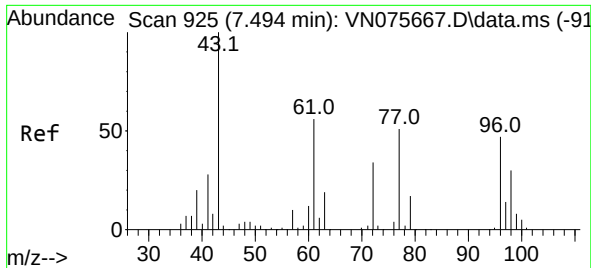
Tgt Ion: 77 Resp: 48052

Ion Ratio Lower Upper

77 100

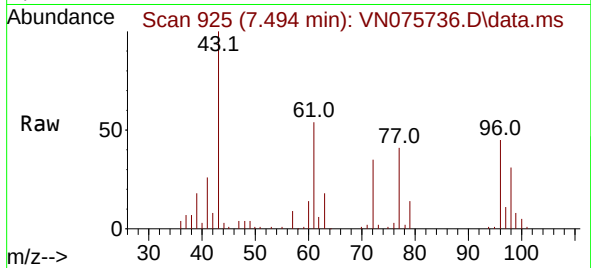
97 24.2 12.2 36.4





#27
 cis-1,2-Dichloroethene
 Concen: 19.691 ug/l
 RT: 7.494 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN075736.D
 Acq: 13 Dec 2022 03:15

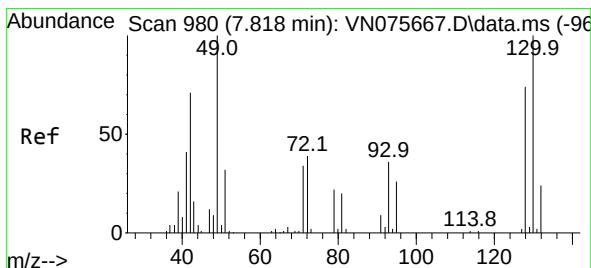
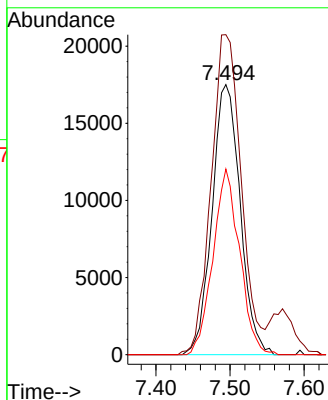
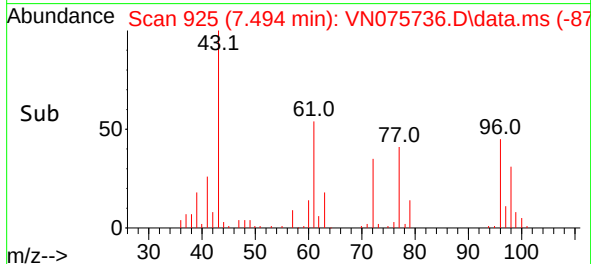
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD02



Tgt Ion: 96 Resp: 46119
 Ion Ratio Lower Upper
 96 100
 61 127.2 0.0 247.8
 98 65.2 0.0 126.0

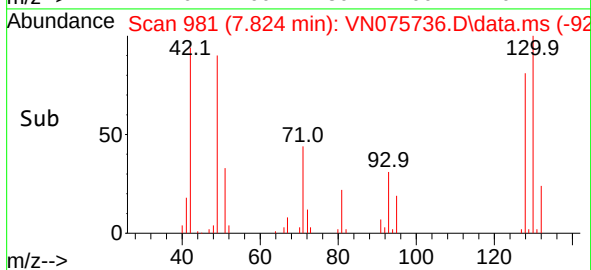
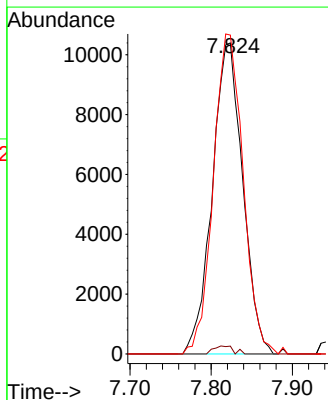
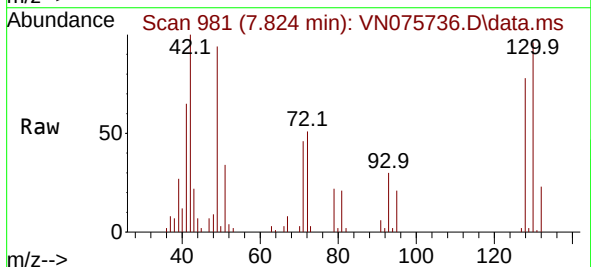
Manual Integrations
 APPROVED

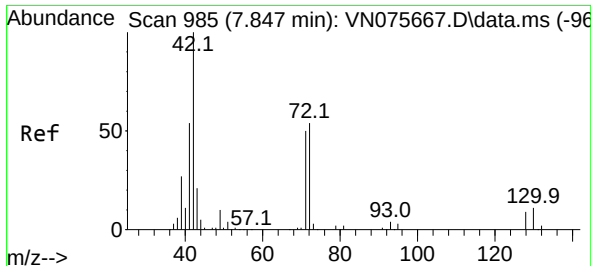
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#28
 Bromochloromethane
 Concen: 21.079 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.006 min
 Lab File: VN075736.D
 Acq: 13 Dec 2022 03:15

Tgt Ion: 49 Resp: 27136
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 5.4
 130 100.2 78.5 117.7





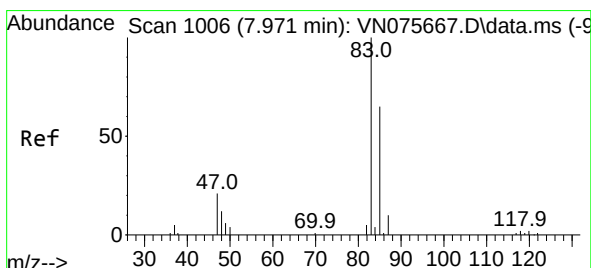
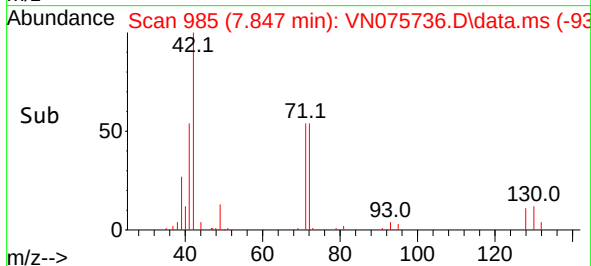
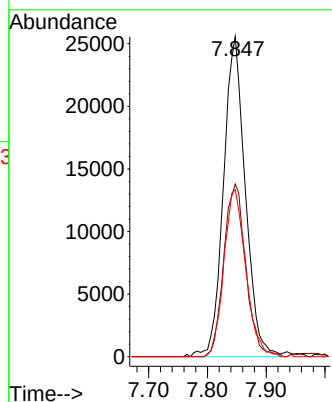
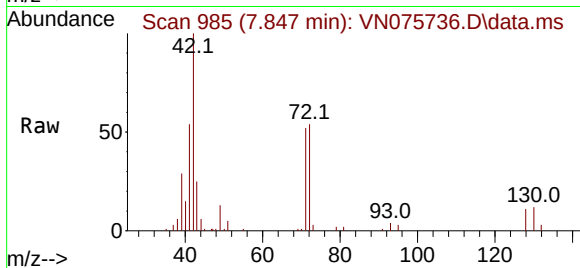
#29
Tetrahydrofuran
Concen: 101.063 ug/l
RT: 7.847 min Scan# 985
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion: 42 Resp: 65938
Ion Ratio Lower Upper
42 100
72 54.3 44.6 67.0
71 52.3 41.2 61.8

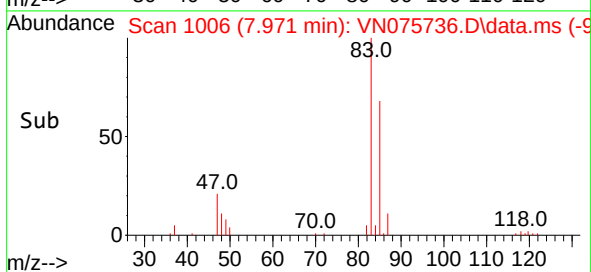
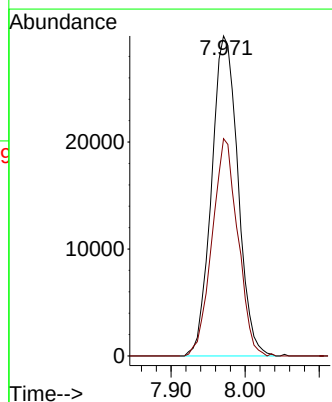
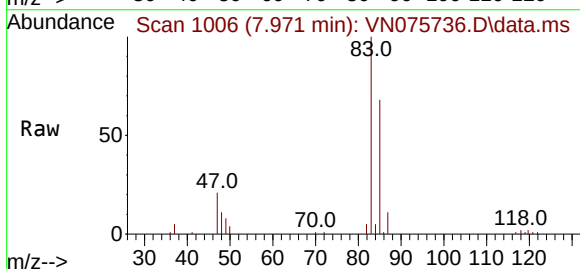
Manual Integrations
APPROVED

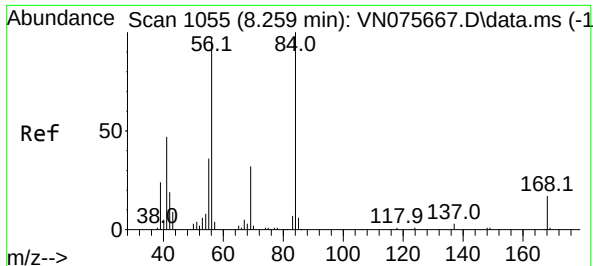
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#30
Chloroform
Concen: 20.726 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

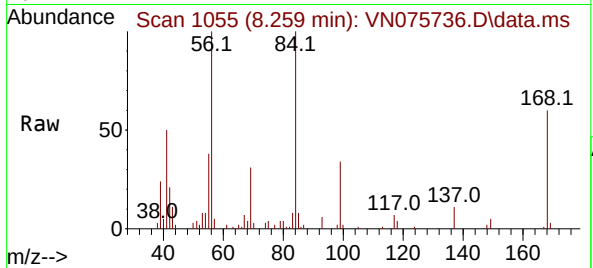
Tgt Ion: 83 Resp: 73918
Ion Ratio Lower Upper
83 100
85 67.9 51.8 77.6





#31
Cyclohexane
Concen: 18.341 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

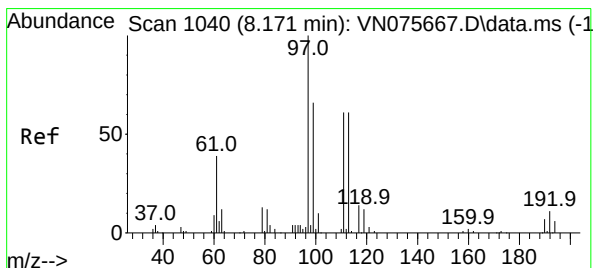
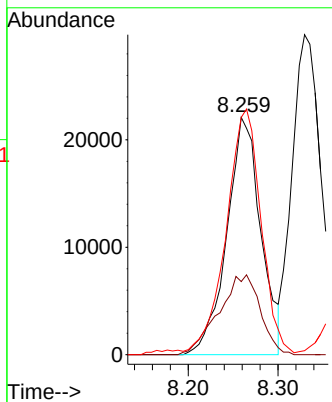
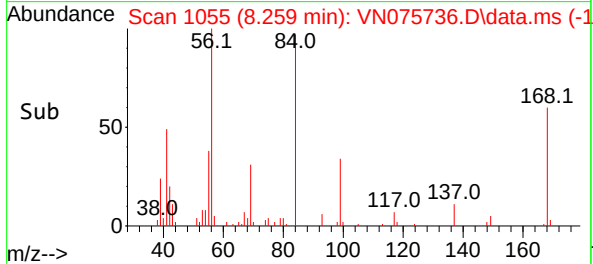
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



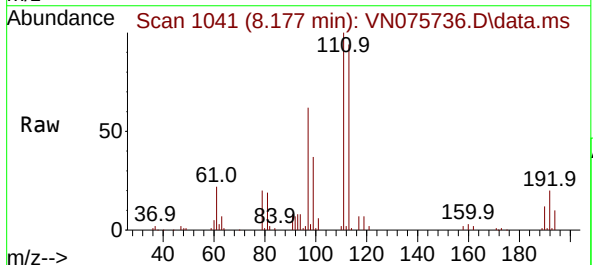
Tgt Ion: 56 Resp: 58062
Ion Ratio Lower Upper
56 100
69 30.8 26.2 39.2
84 98.1 82.8 124.2

Manual Integrations
APPROVED

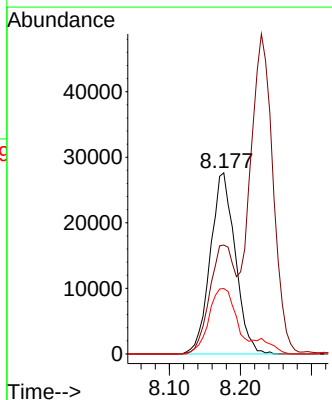
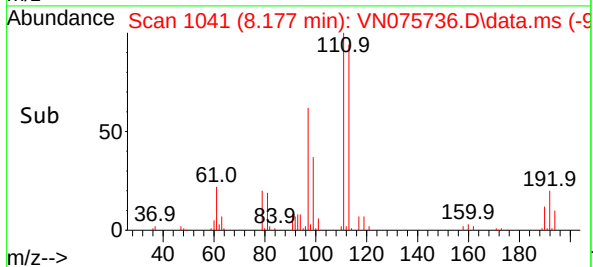
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

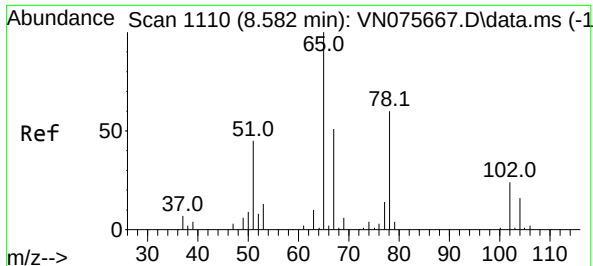


#32
1,1,1-Trichloroethane
Concen: 20.413 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion: 97 Resp: 67164
Ion Ratio Lower Upper
97 100
99 60.1 51.2 76.8
61 39.6 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 54.635 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion: 65 Resp: 116819

Ion Ratio Lower Upper

65 100

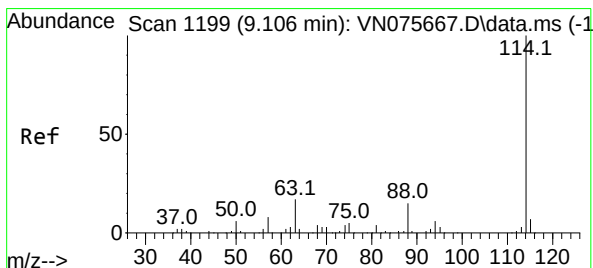
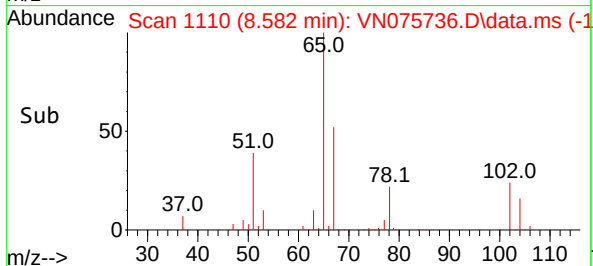
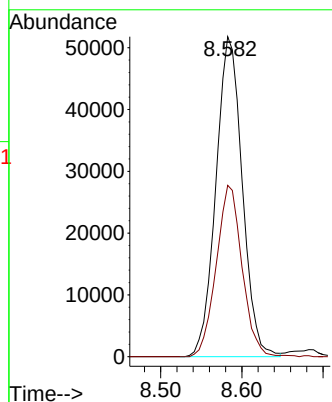
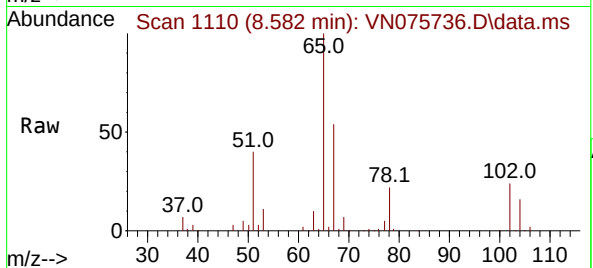
67 52.5 0.0 104.2

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: VN075736.D

Acq: 13 Dec 2022 03:15

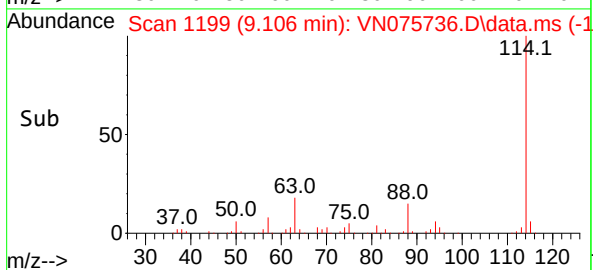
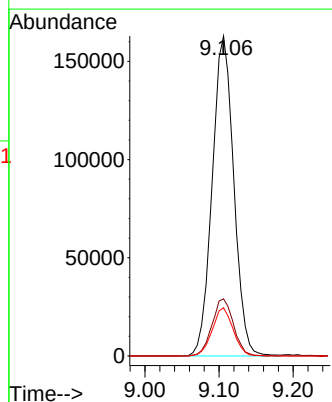
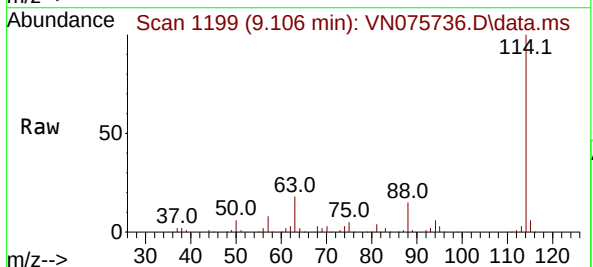
Tgt Ion:114 Resp: 329689

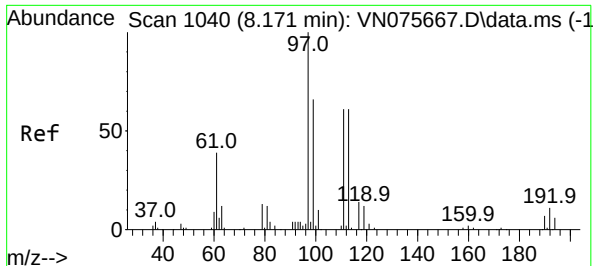
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

88 15.1 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.633 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion:113 Resp: 10788

Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.6

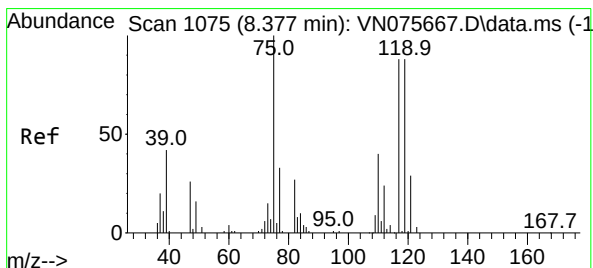
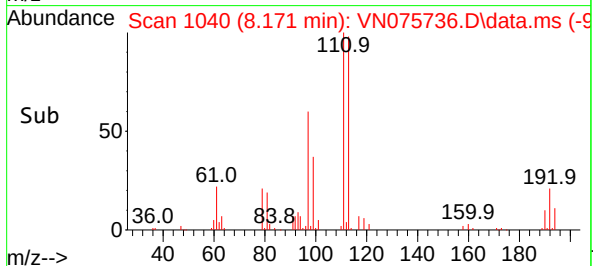
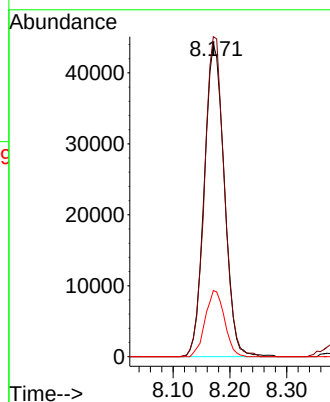
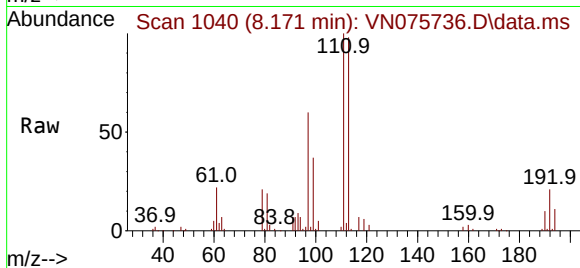
192 20.3 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 19.267 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

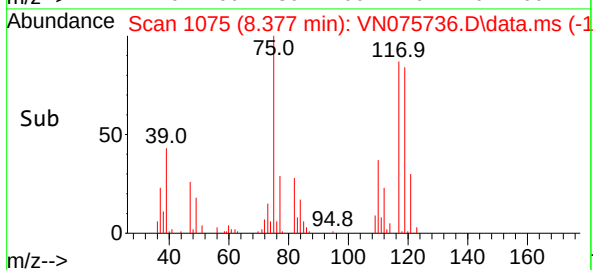
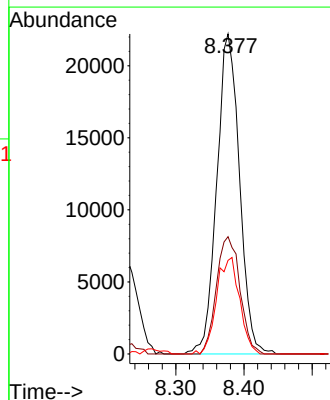
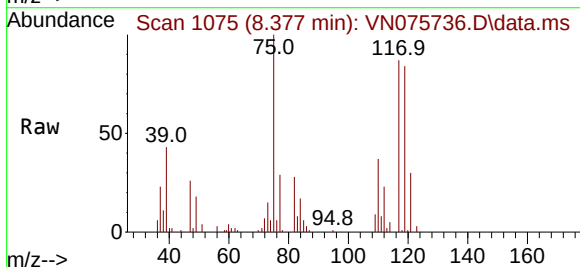
Tgt Ion: 75 Resp: 51462

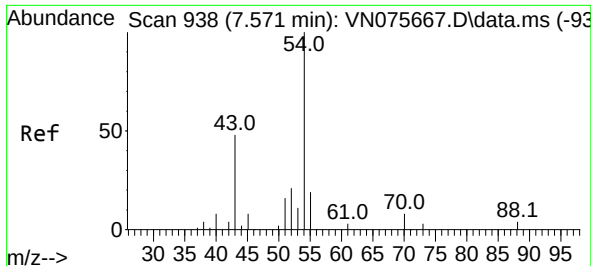
Ion Ratio Lower Upper

75 100

110 37.9 18.9 56.9

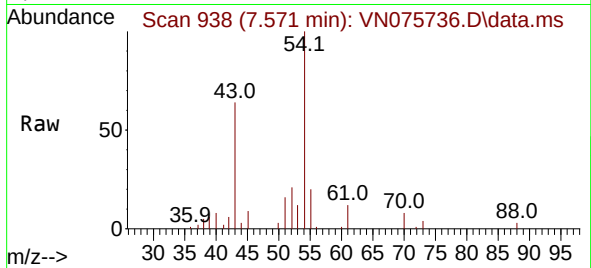
77 30.6 25.4 38.2





#37
Ethyl Acetate
Concen: 20.324 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

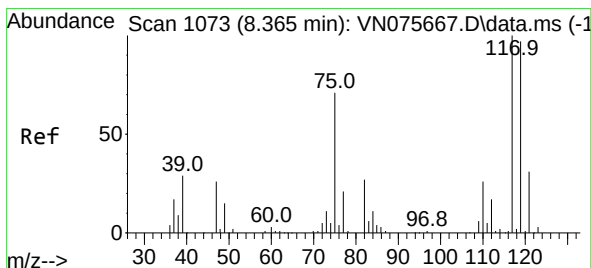
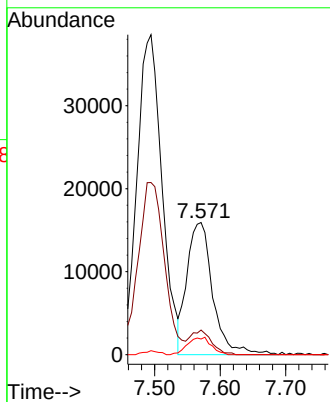
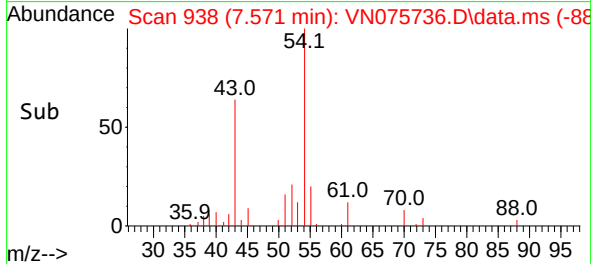
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



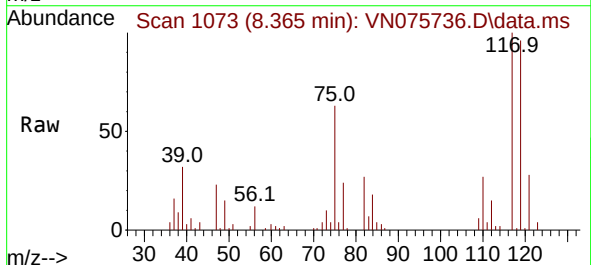
Tgt Ion: 43 Resp: 4358
Ion Ratio Lower Upper
43 100
61 14.9 13.3 19.9
70 11.9 9.9 14.9

Manual Integrations
APPROVED

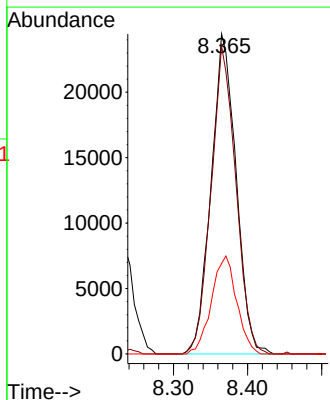
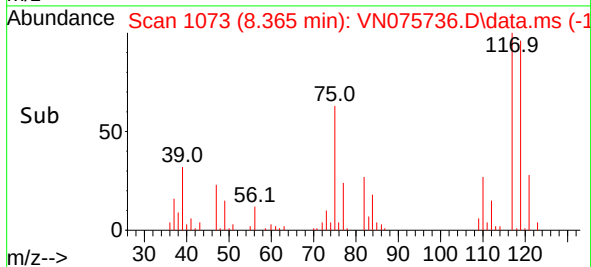
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

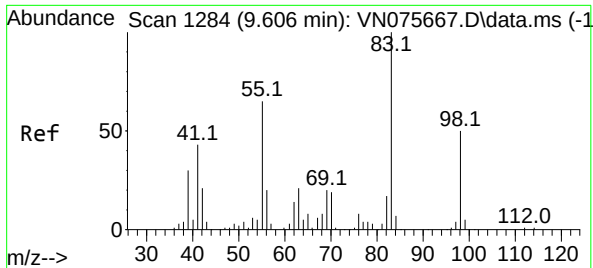


#38
Carbon Tetrachloride
Concen: 18.572 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion: 117 Resp: 57240
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8
121 28.3 24.6 37.0





#39
Methylcyclohexane
Concen: 18.784 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

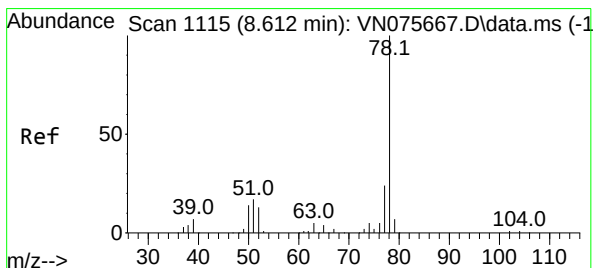
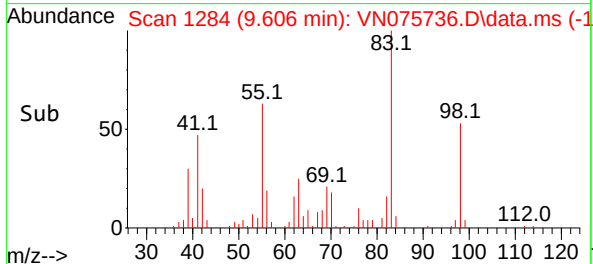
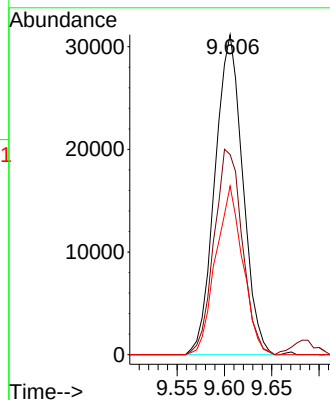
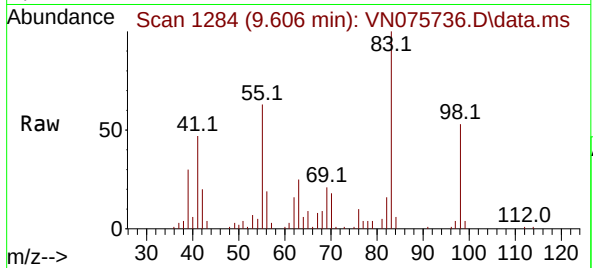
VN1212WBSD02

Tgt Ion: 83 Resp: 63619
Ion Ratio Lower Upper
83 100
55 62.5 51.6 77.4
98 52.7 39.8 59.8

Manual Integrations

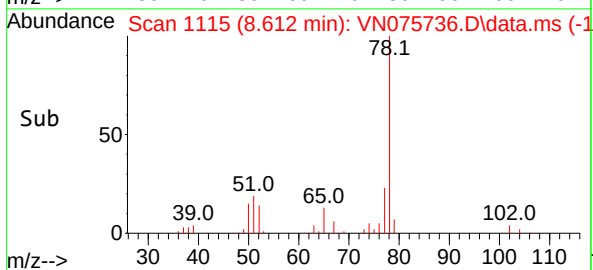
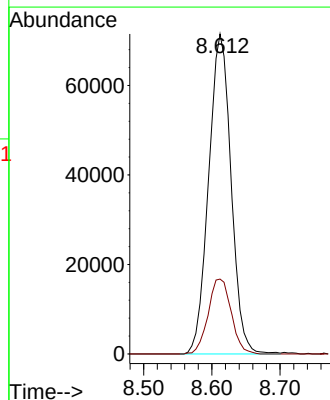
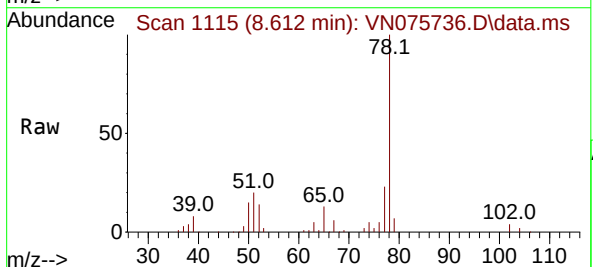
APPROVED

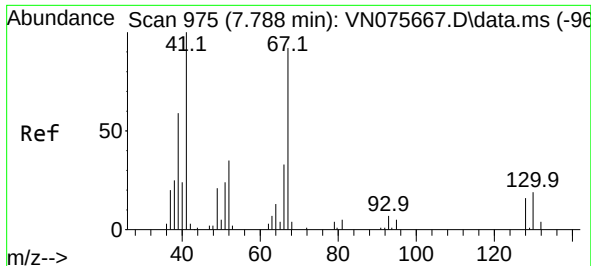
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#40
Benzene
Concen: 19.947 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 78 Resp: 163506
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7





#41
Methacrylonitrile
Concen: 19.769 ug/l
RT: 7.788 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

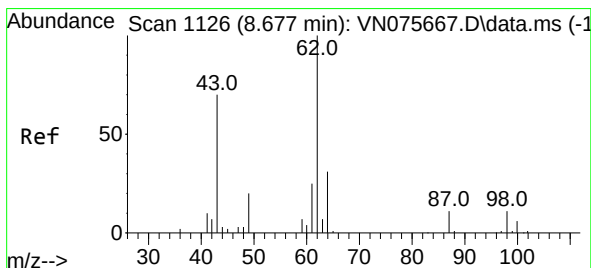
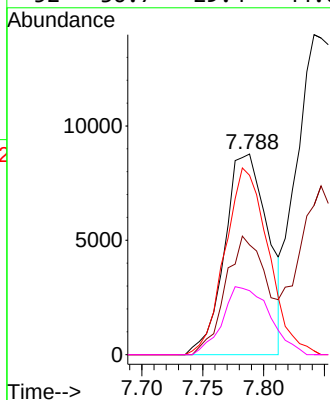
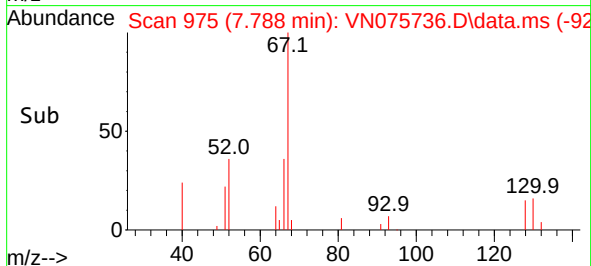
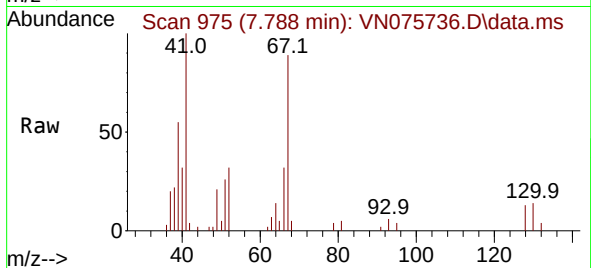
VN1212WBSD02

Tgt Ion: 41 Resp: 21738
Ion Ratio Lower Upper
41 100
39 56.8 46.3 69.5
67 93.3 74.0 111.0
52 36.7 29.4 44.0

Manual Integrations

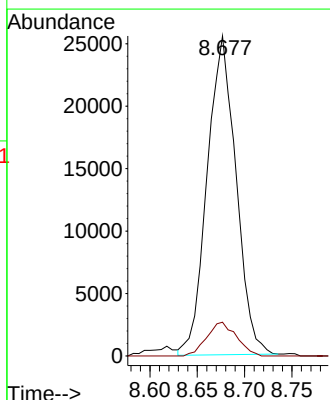
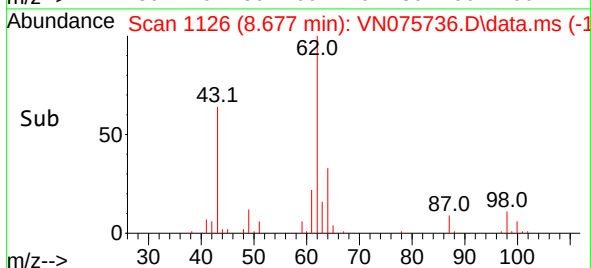
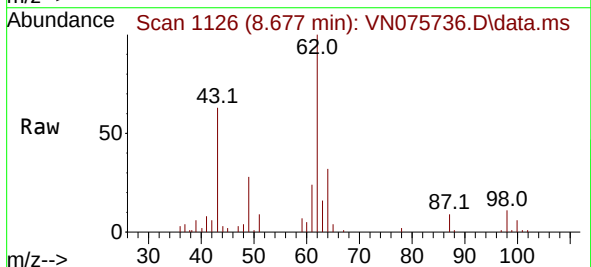
APPROVED

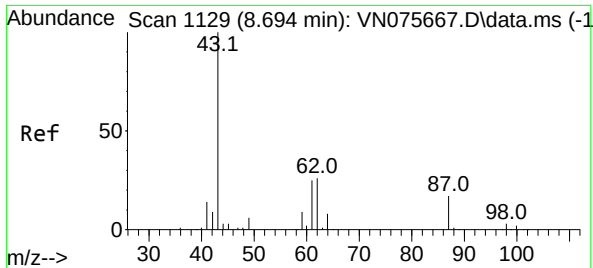
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 19.760 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

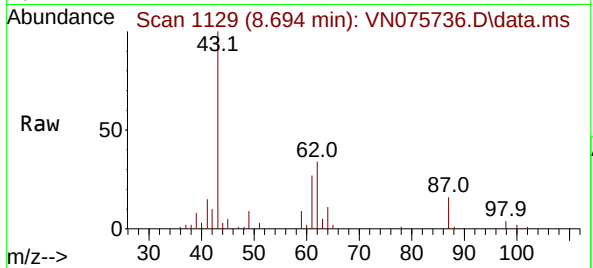
Tgt Ion: 62 Resp: 54182
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.8





#43
Isopropyl Acetate
Concen: 20.024 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

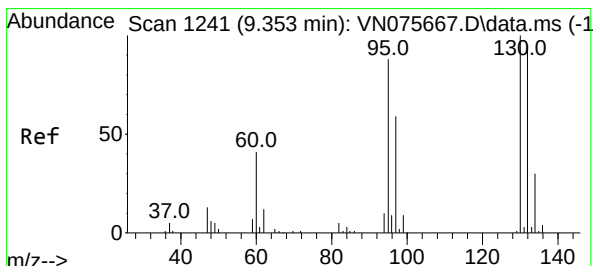
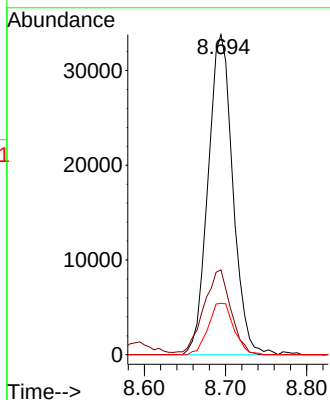
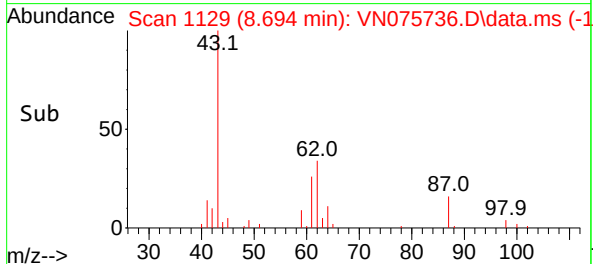
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



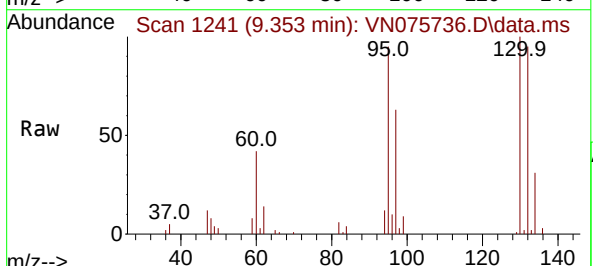
Tgt Ion: 43 Resp: 71688
Ion Ratio Lower Upper
43 100
61 29.1 23.8 35.8
87 16.6 13.7 20.5

Manual Integrations
APPROVED

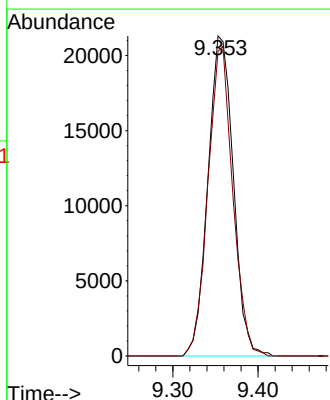
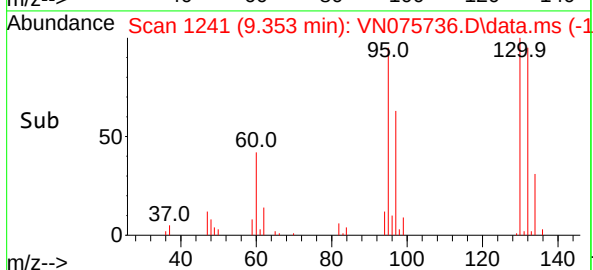
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

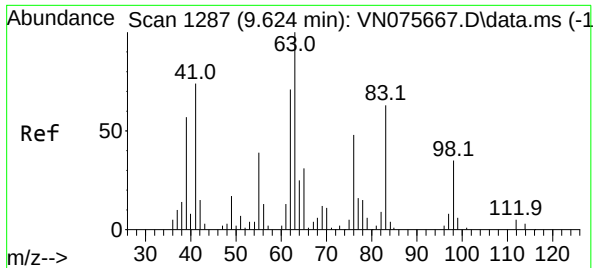


#44
Trichloroethene
Concen: 19.089 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion:130 Resp: 44143
Ion Ratio Lower Upper
130 100
95 95.2 0.0 176.8





#45

1,2-Dichloropropane

Concen: 20.005 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion: 63 Resp: 3900

Ion Ratio Lower Upper

63 100

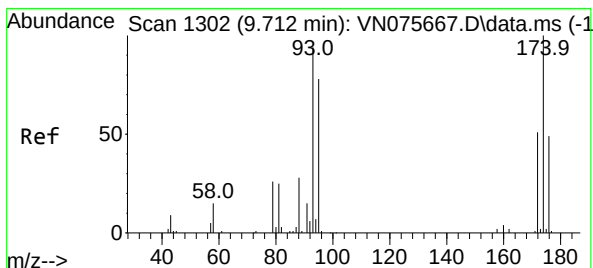
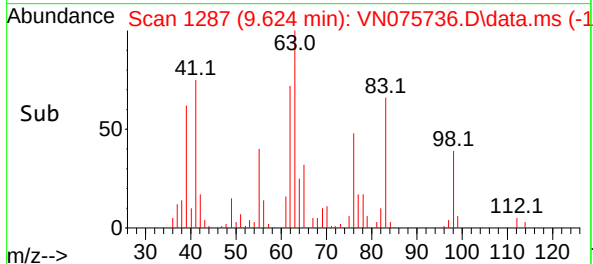
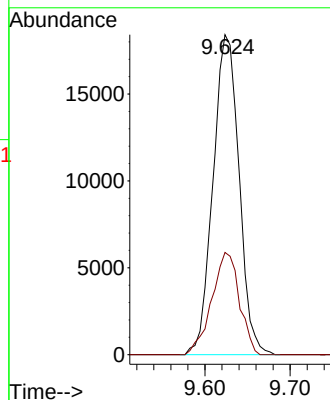
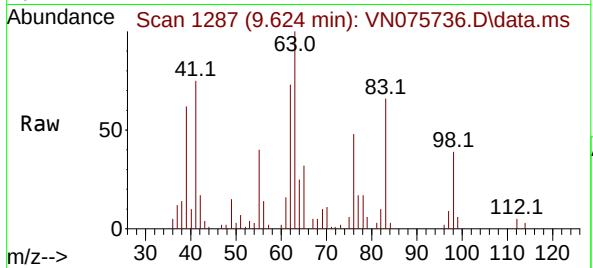
65 32.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 20.298 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

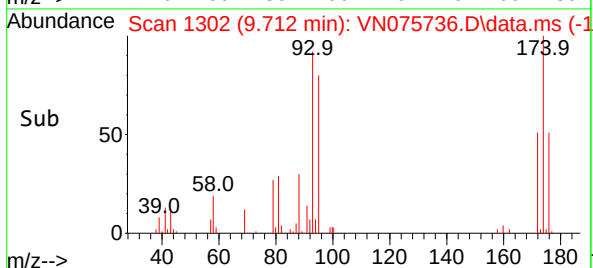
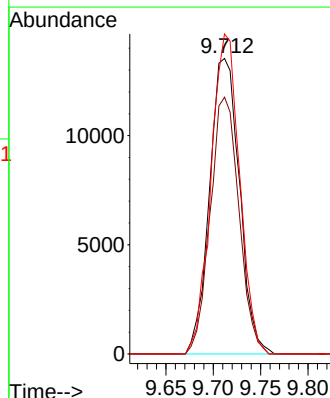
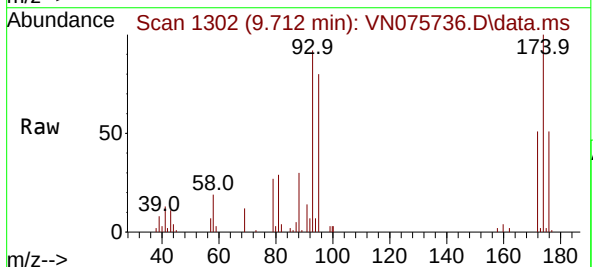
Tgt Ion: 93 Resp: 29709

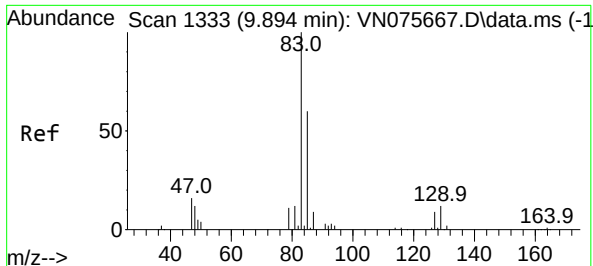
Ion Ratio Lower Upper

93 100

95 83.6 67.3 100.9

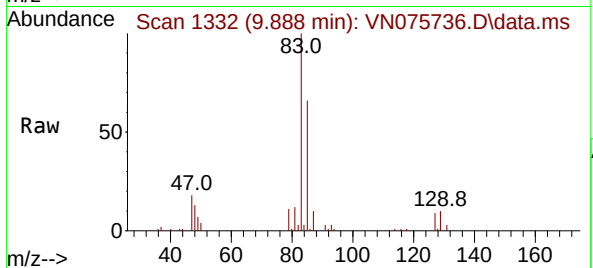
174 103.5 85.0 127.6





#47
Bromodichloromethane
Concen: 20.027 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

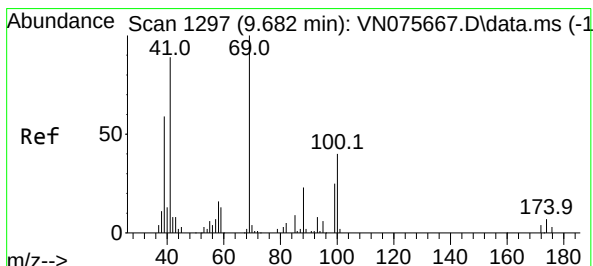
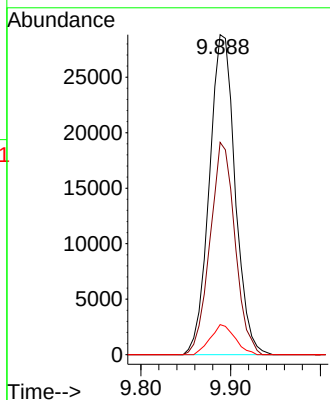
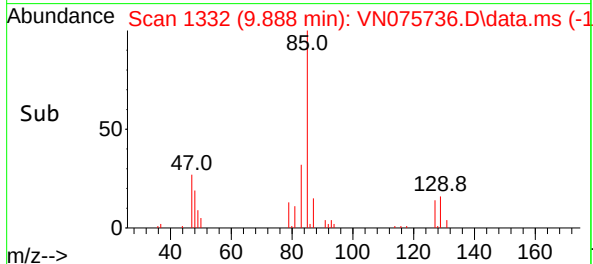
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



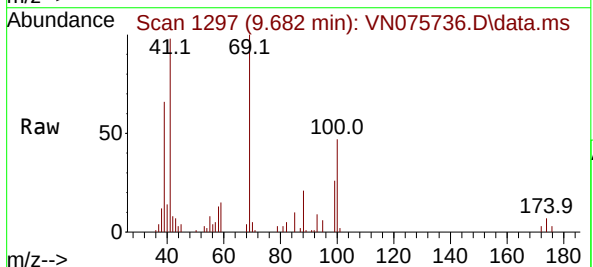
Tgt Ion: 83 Resp: 57472
Ion Ratio Lower Upper
83 100
85 66.4 48.0 72.0
127 9.4 7.4 11.2

Manual Integrations
APPROVED

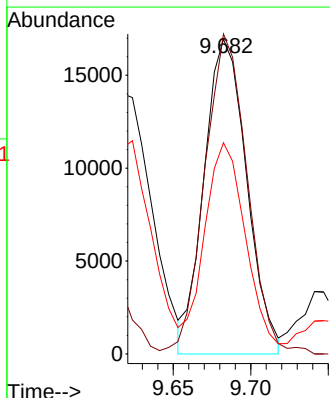
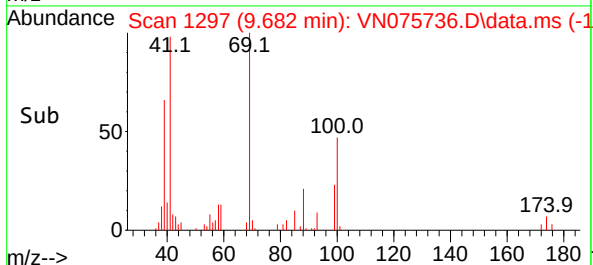
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

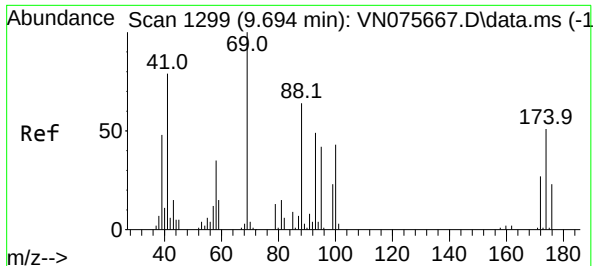


#48
Methyl methacrylate
Concen: 19.629 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion: 41 Resp: 32365
Ion Ratio Lower Upper
41 100
69 101.5 82.5 123.7
39 65.5 53.2 79.8





#49

1,4-Dioxane

Concen: 380.528 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion: 88 Resp: 1525

Ion Ratio Lower Upper

88 100

43 22.4 17.4 26.0

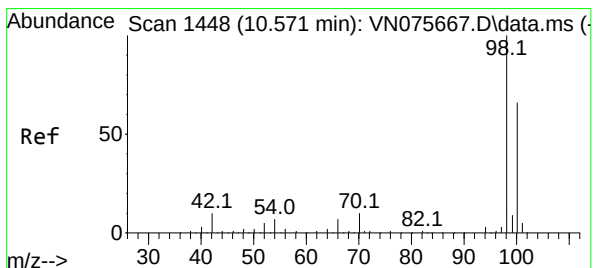
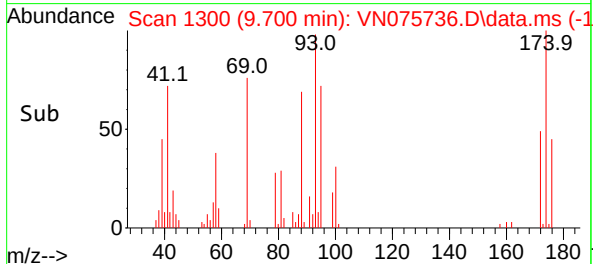
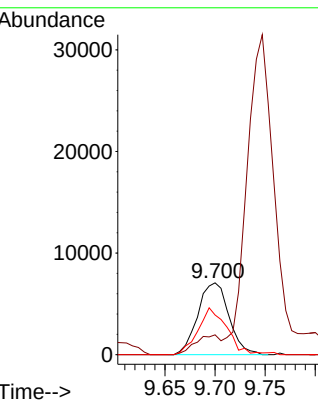
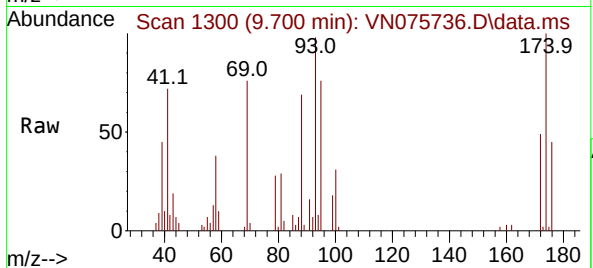
58 61.5 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#50

Toluene-d8

Concen: 53.873 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075736.D

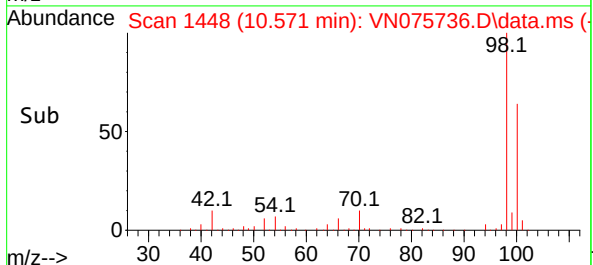
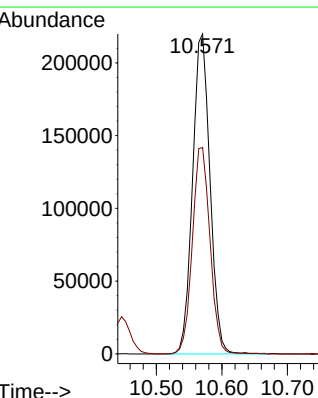
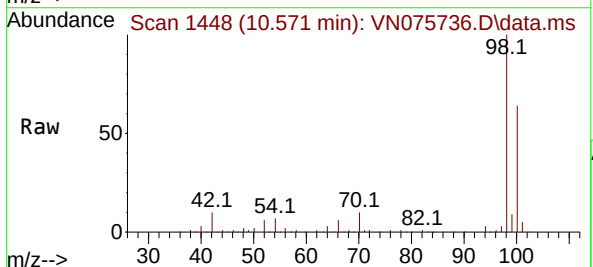
Acq: 13 Dec 2022 03:15

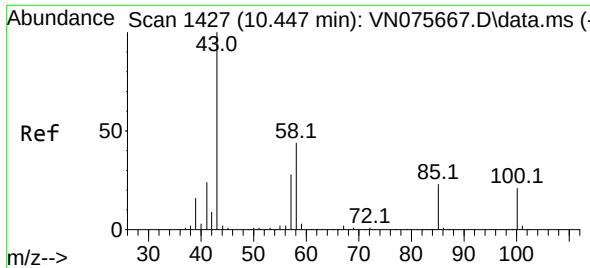
Tgt Ion: 98 Resp: 406956

Ion Ratio Lower Upper

98 100

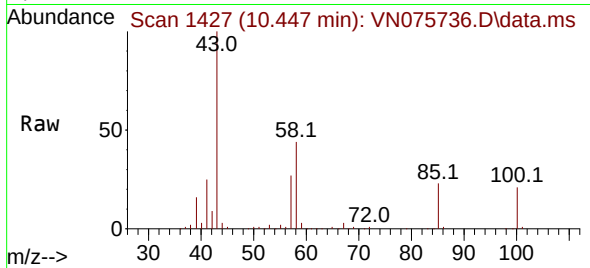
100 65.5 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 98.488 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

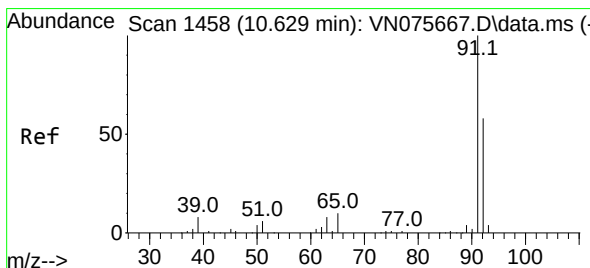
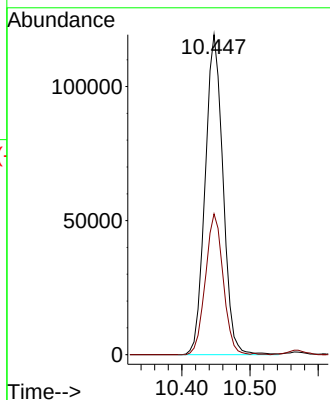
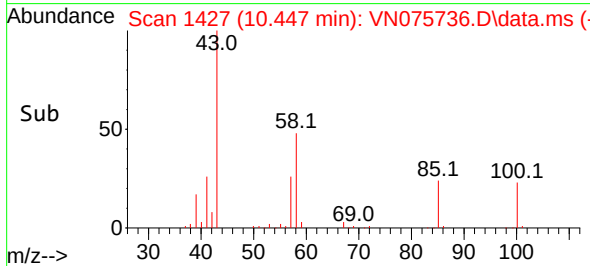
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



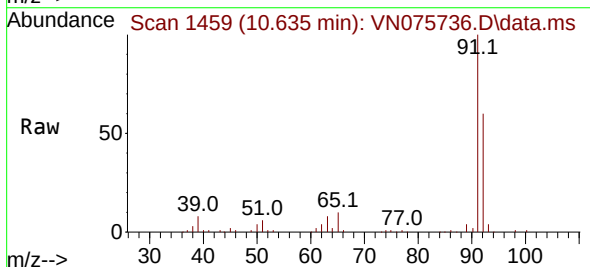
Tgt Ion: 43 Resp: 21741
Ion Ratio Lower Upper
43 100
58 43.8 35.0 52.6

Manual Integrations
APPROVED

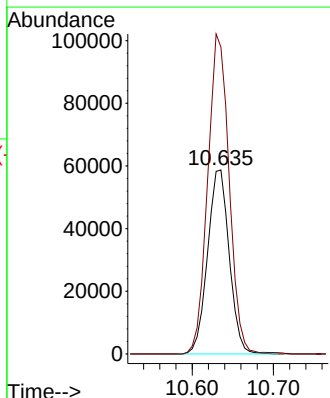
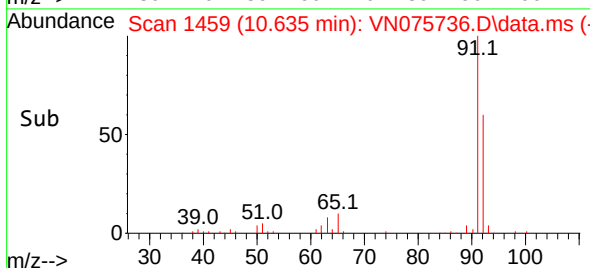
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

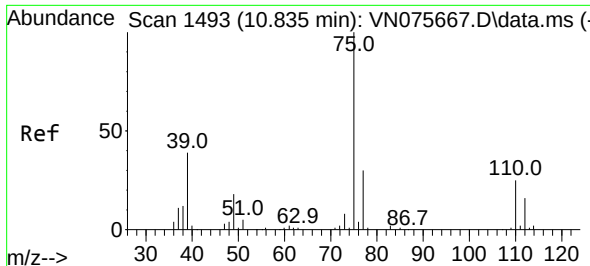


#52
Toluene
Concen: 20.074 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



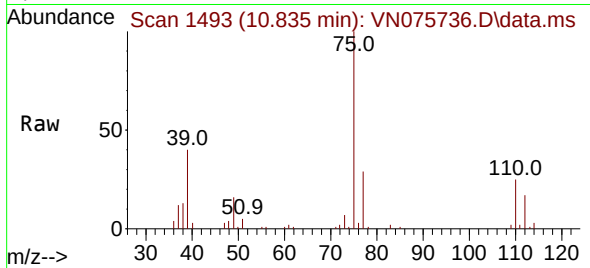
Tgt Ion: 92 Resp: 108760
Ion Ratio Lower Upper
92 100
91 172.0 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 20.033 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

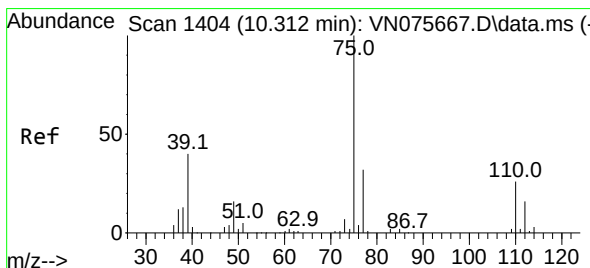
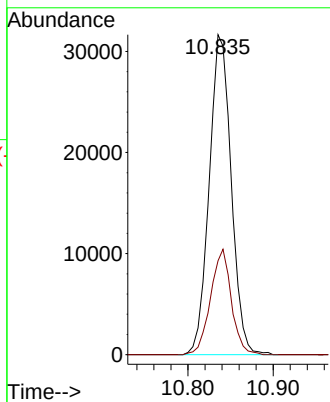
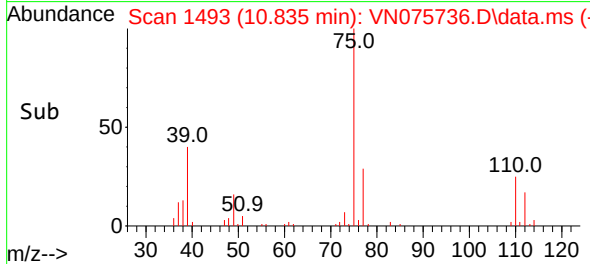
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



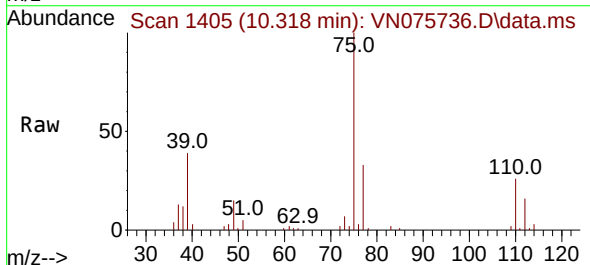
Tgt Ion: 75 Resp: 56778
Ion Ratio Lower Upper
75 100
77 29.4 24.3 36.5

Manual Integrations
APPROVED

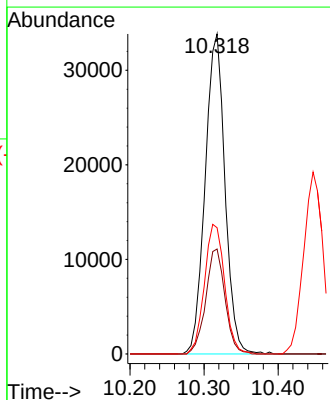
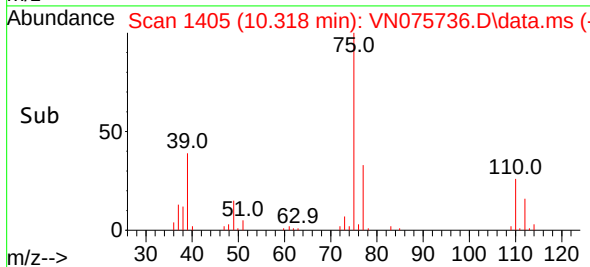
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

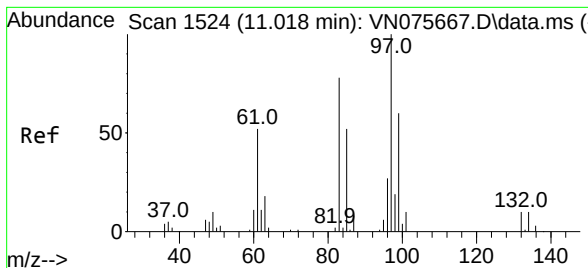


#54
cis-1,3-Dichloropropene
Concen: 19.969 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



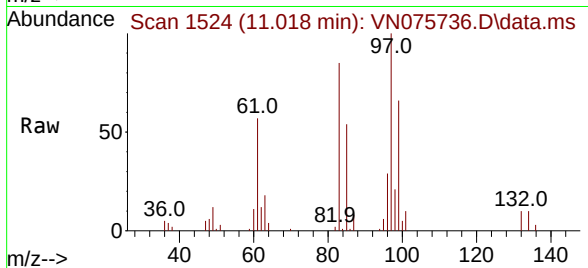
Tgt Ion: 75 Resp: 62968
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9
39 39.4 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 19.651 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

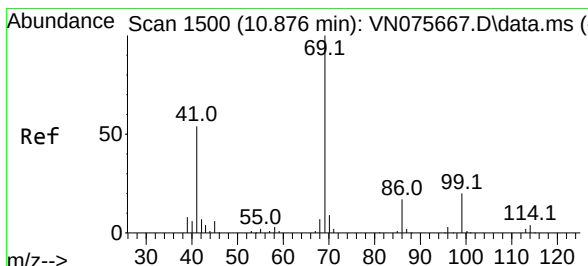
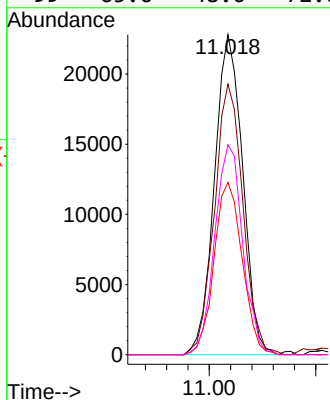
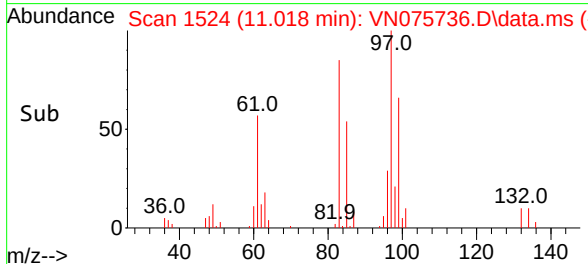
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion: 97 Resp: 41862
Ion Ratio Lower Upper
97 100
83 84.6 62.7 94.1
85 53.8 41.8 62.6
99 65.6 48.0 72.0

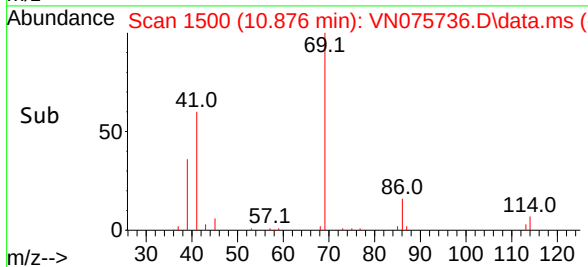
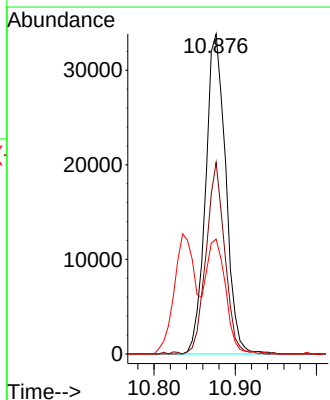
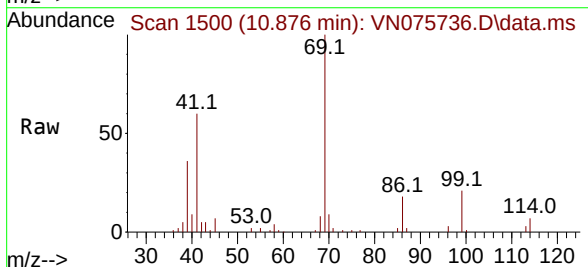
Manual Integrations
APPROVED

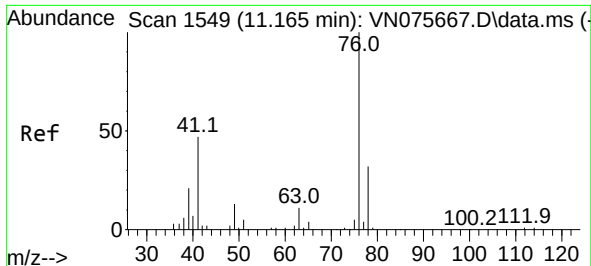
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#56
Ethyl methacrylate
Concen: 20.191 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Tgt Ion: 69 Resp: 58280
Ion Ratio Lower Upper
69 100
41 55.4 44.1 66.1
39 33.7 27.7 41.5





#57

1,3-Dichloropropane

Concen: 20.585 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion: 76 Resp: 70870

Ion Ratio Lower Upper

76 100

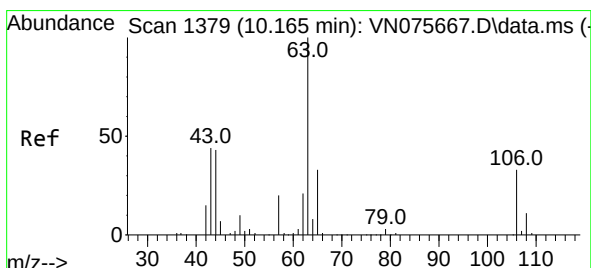
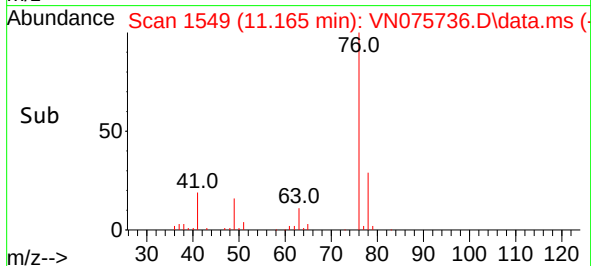
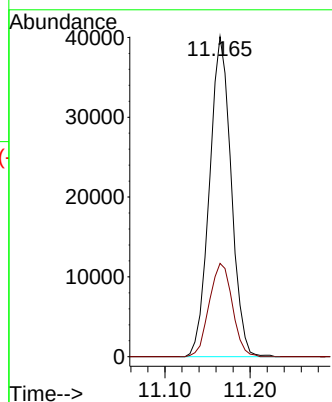
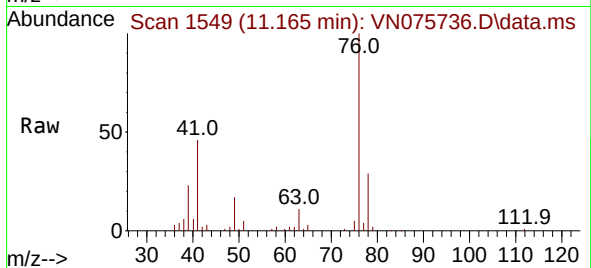
78 31.1 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 82.856 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. 0.000 min

Lab File: VN075736.D

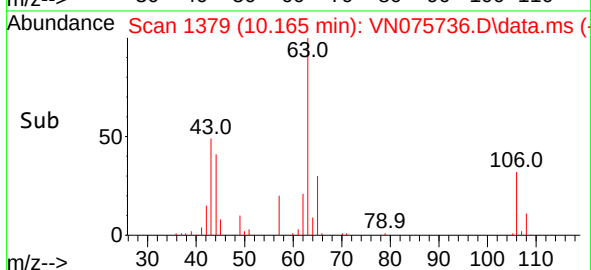
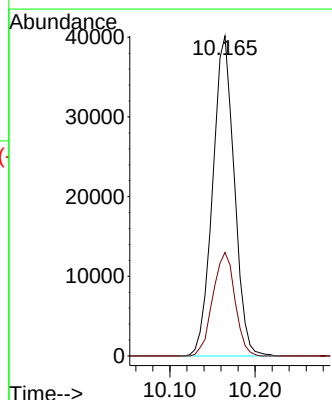
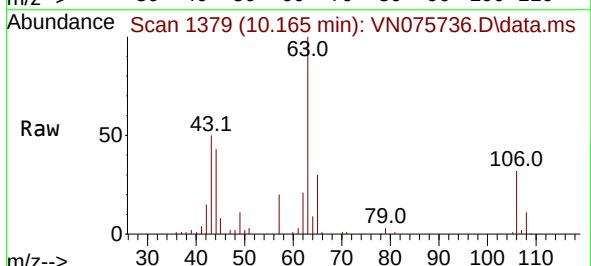
Acq: 13 Dec 2022 03:15

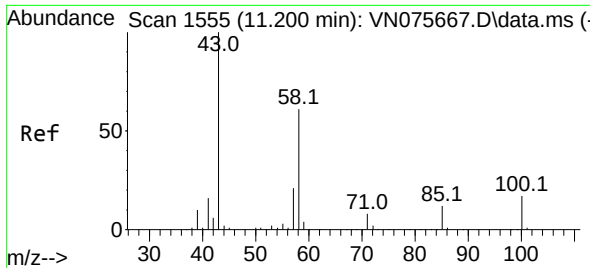
Tgt Ion: 63 Resp: 70614

Ion Ratio Lower Upper

63 100

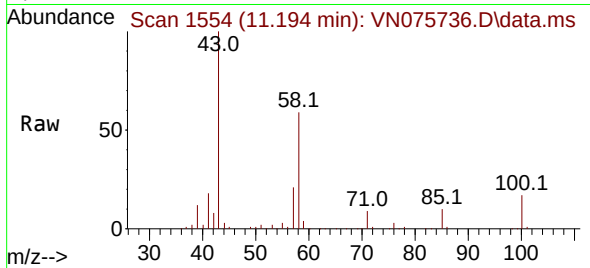
106 33.1 26.6 40.0





#59
2-Hexanone
Concen: 97.876 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

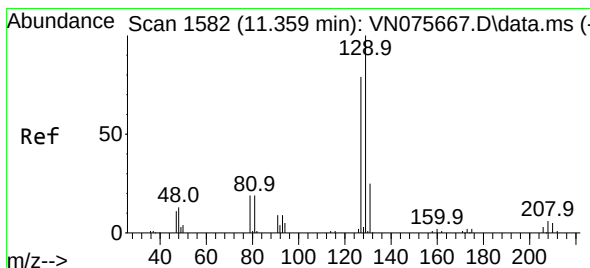
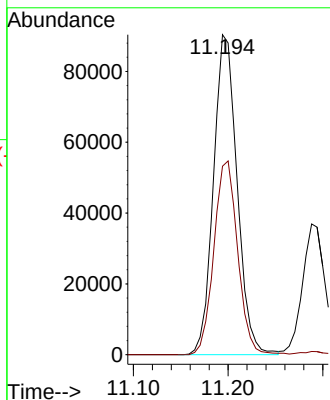
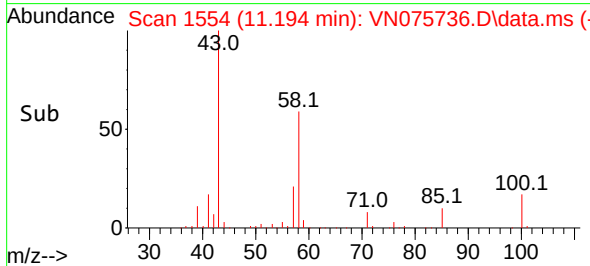
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion: 43 Resp: 156970
Ion Ratio Lower Upper
43 100
58 60.8 30.9 92.5

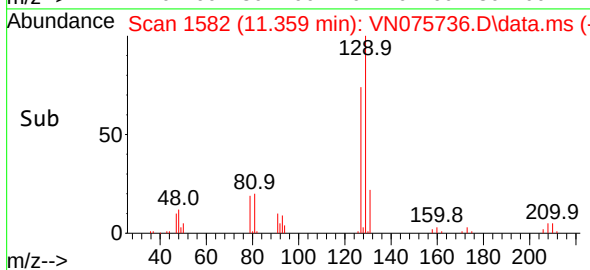
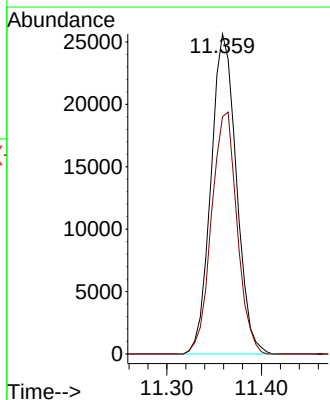
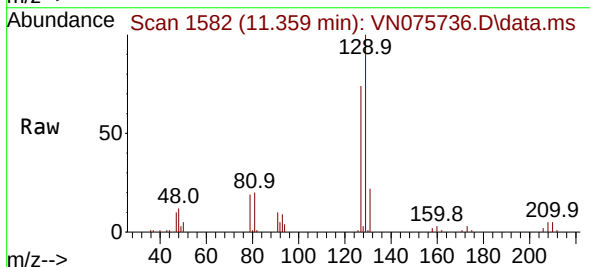
Manual Integrations
APPROVED

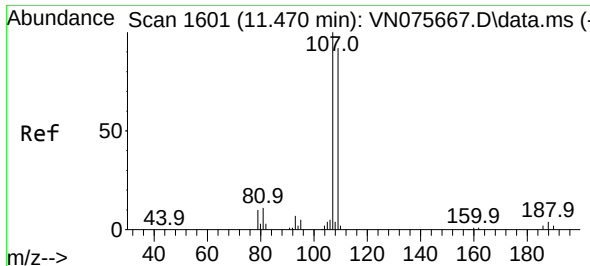
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#60
Dibromochloromethane
Concen: 20.413 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

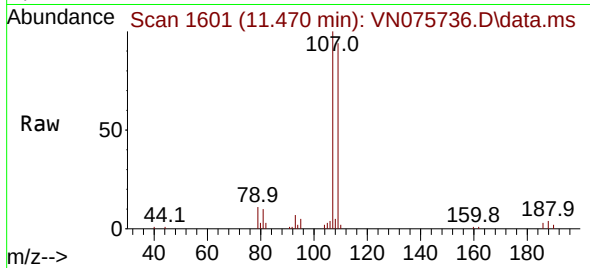
Tgt Ion:129 Resp: 47849
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.513 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

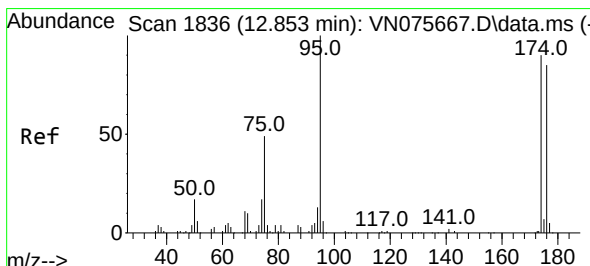
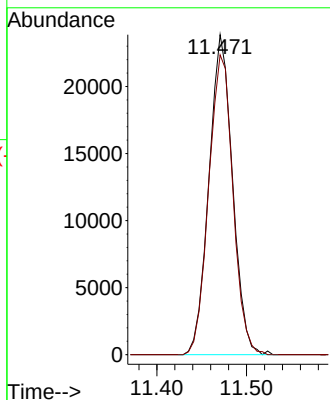
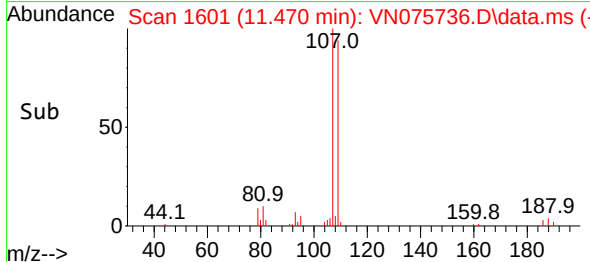
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



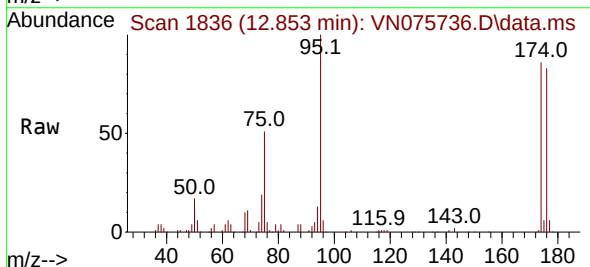
Tgt Ion:107 Resp: 43549
Ion Ratio Lower Upper
107 100
109 96.0 75.4 113.2

Manual Integrations
APPROVED

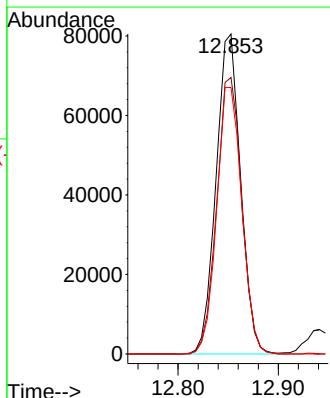
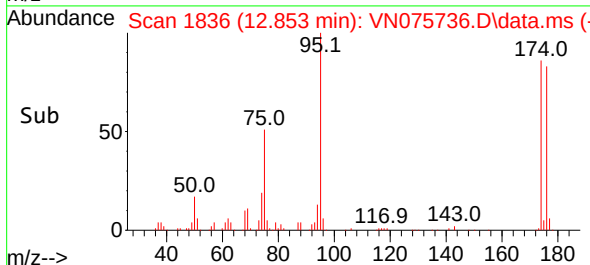
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

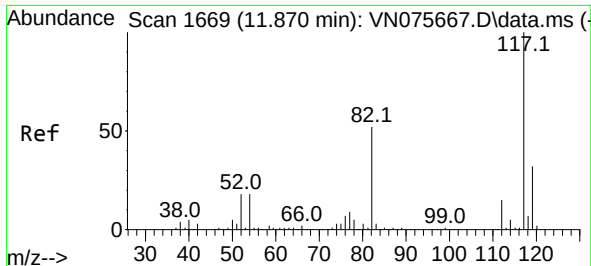


#62
4-Bromofluorobenzene
Concen: 52.958 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



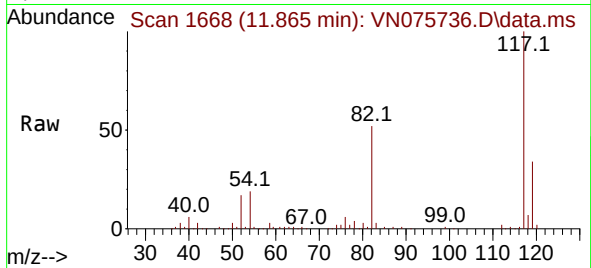
Tgt Ion: 95 Resp: 136777
Ion Ratio Lower Upper
95 100
174 88.0 0.0 178.6
176 85.1 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

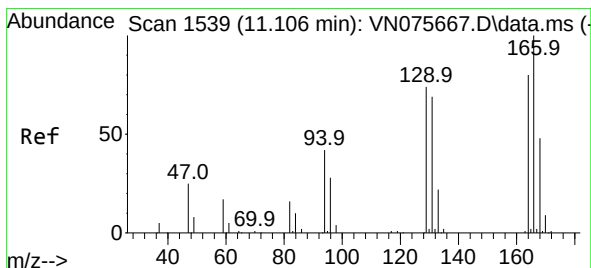
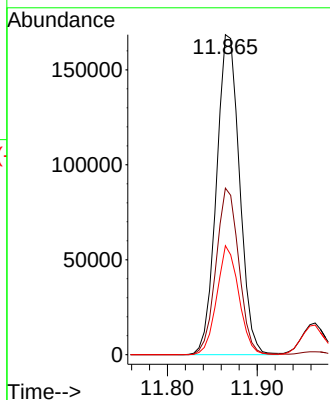
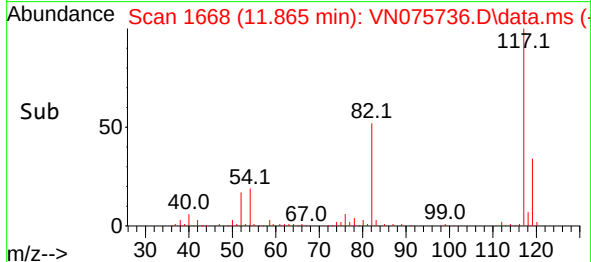
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion:117 Resp: 30119
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 34.1 25.8 38.6

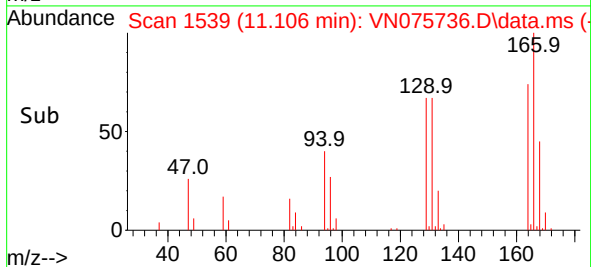
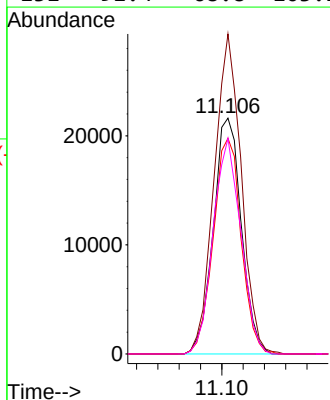
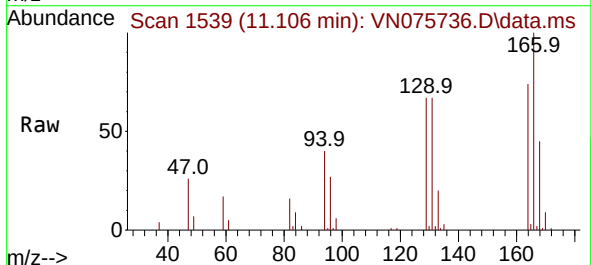
Manual Integrations
APPROVED

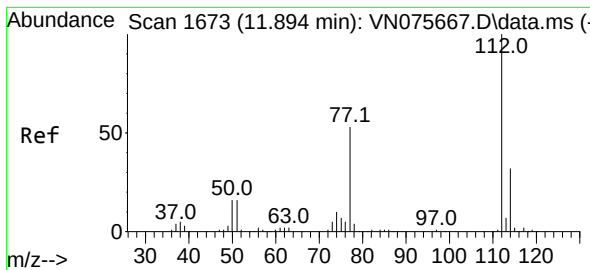
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Tetrachloroethene
Concen: 17.982 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

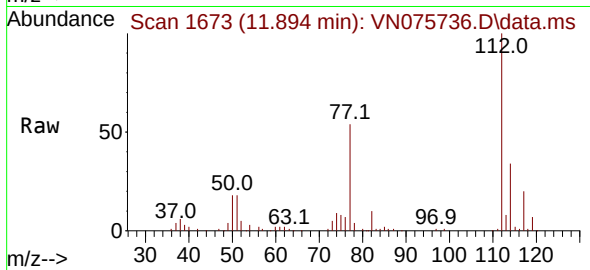
Tgt Ion:164 Resp: 39451
Ion Ratio Lower Upper
164 100
166 135.7 100.3 150.5
129 91.5 73.9 110.9
131 91.4 68.8 103.2





#65
Chlorobenzene
Concen: 18.944 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

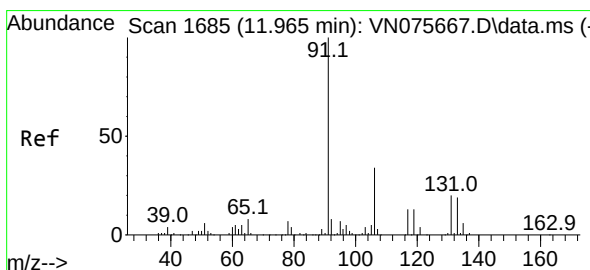
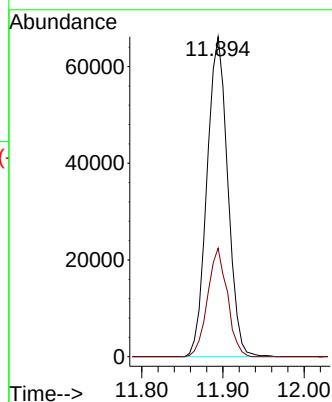
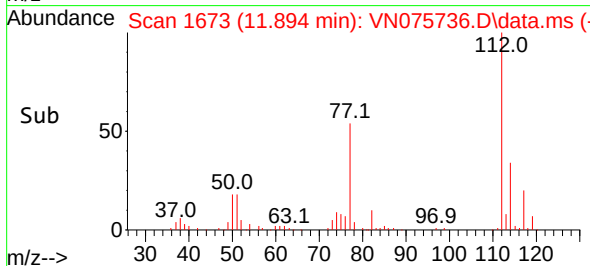
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



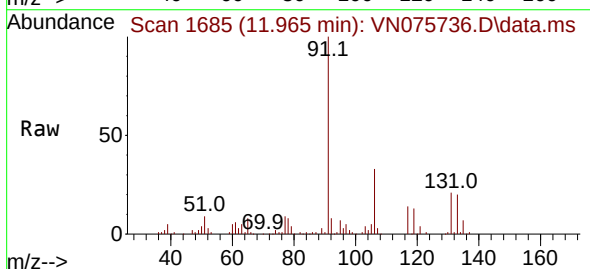
Tgt Ion:112 Resp: 11739
Ion Ratio Lower Upper
112 100
114 33.9 25.5 38.3

Manual Integrations
APPROVED

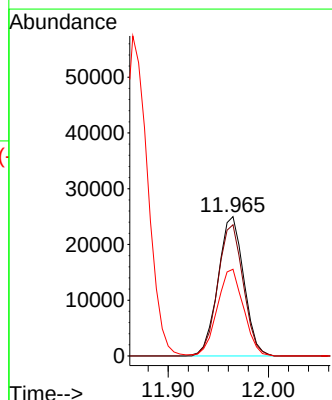
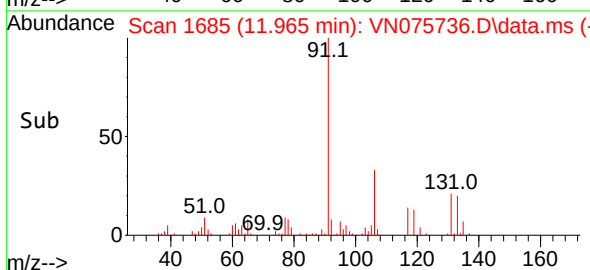
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

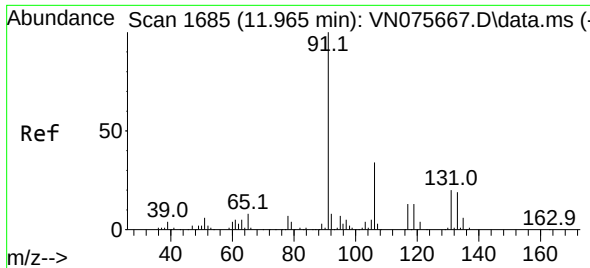


#66
1,1,1,2-Tetrachloroethane
Concen: 19.791 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



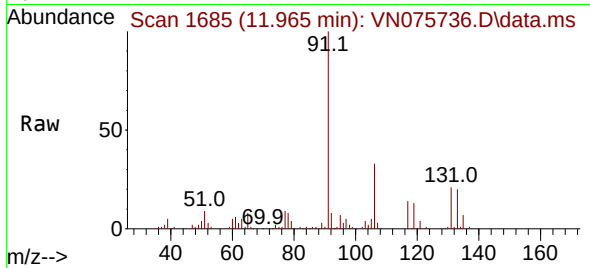
Tgt Ion:131 Resp: 44623
Ion Ratio Lower Upper
131 100
133 93.2 47.5 142.6
119 63.6 32.5 97.4





#67
Ethyl Benzene
Concen: 19.736 ug/l
RT: 11.965 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

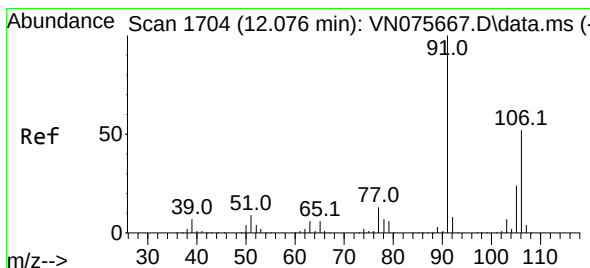
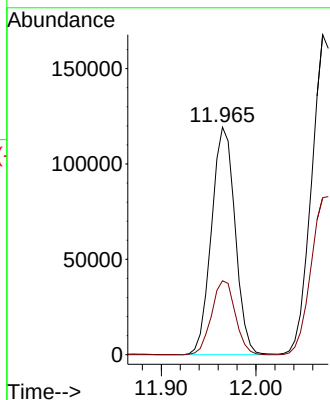
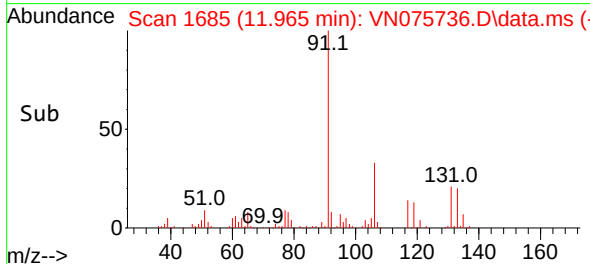
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



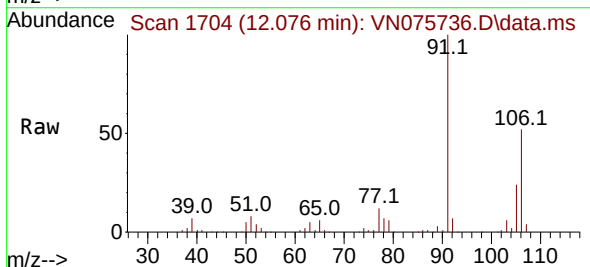
Tgt Ion: 91 Resp: 206904
Ion Ratio Lower Upper
91 100
106 32.5 26.9 40.3

Manual Integrations
APPROVED

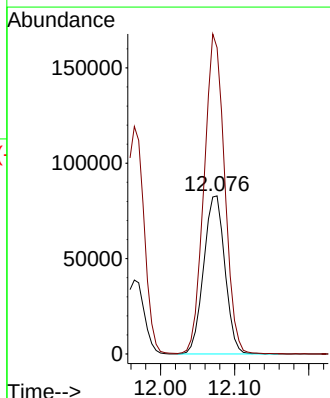
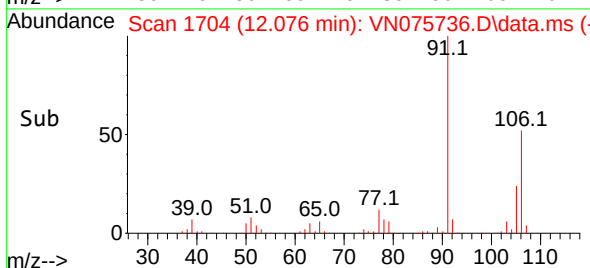
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

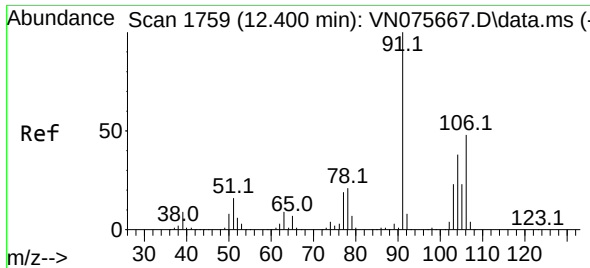


#68
m/p-Xylenes
Concen: 38.905 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion:106 Resp: 164804
Ion Ratio Lower Upper
106 100
91 196.1 156.2 234.4





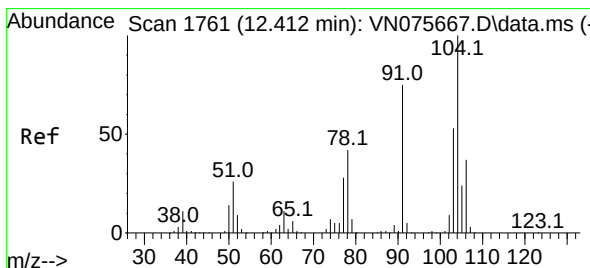
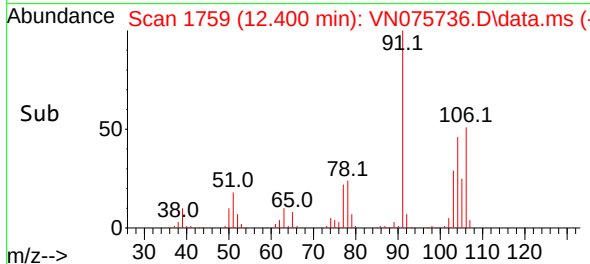
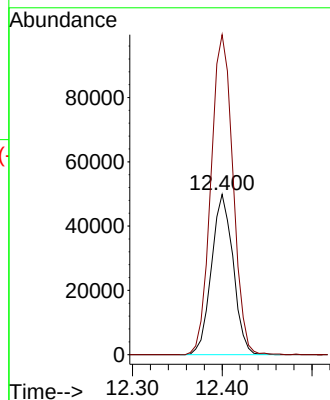
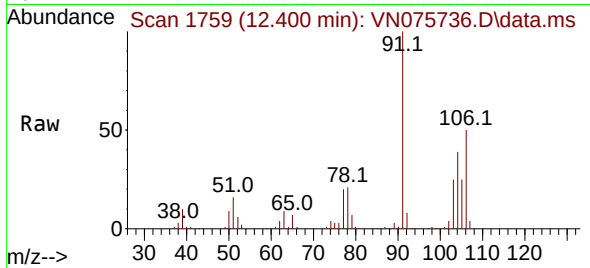
#69
o-Xylene
Concen: 20.317 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion:106 Resp: 8351
Ion Ratio Lower Upper
106 100
91 203.5 102.8 308.5

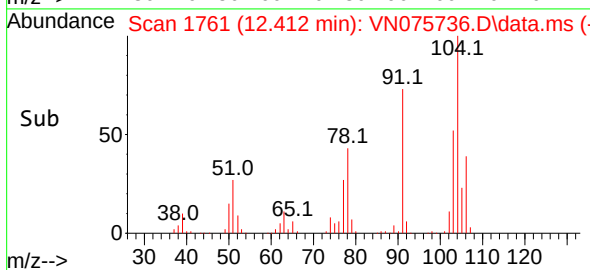
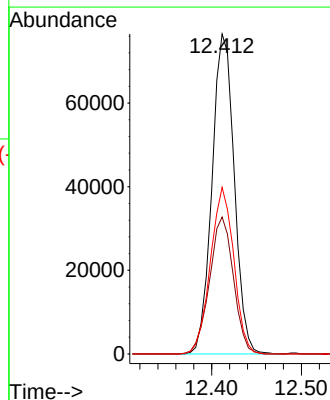
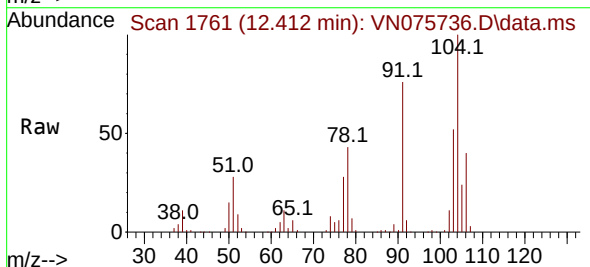
Manual Integrations
APPROVED

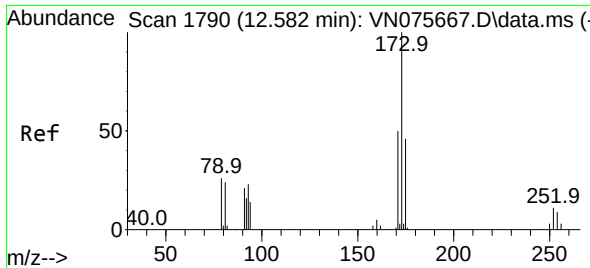
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 19.983 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

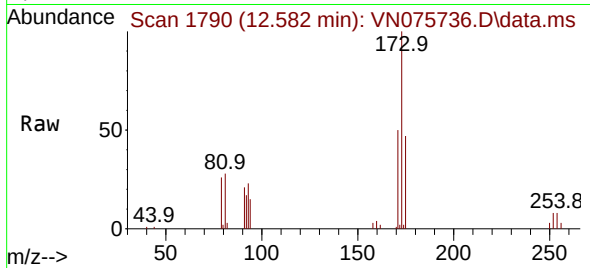
Tgt Ion:104 Resp: 131744
Ion Ratio Lower Upper
104 100
78 46.0 36.7 55.1
103 54.6 44.0 66.0





#71
Bromoform
Concen: 19.318 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

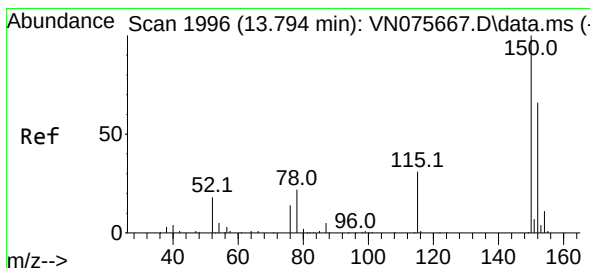
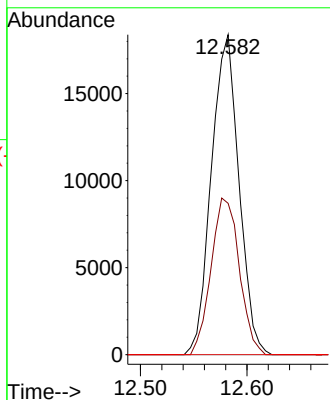
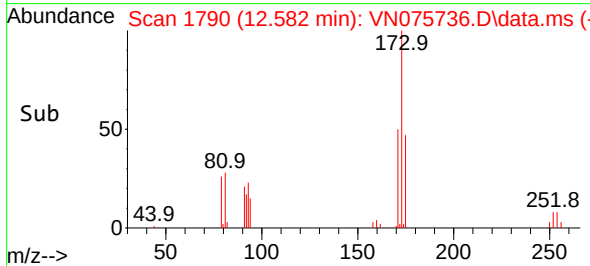
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



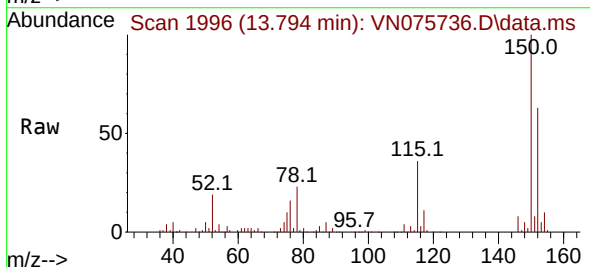
Tgt Ion:173 Resp: 33015
Ion Ratio Lower Upper
173 100
175 50.2 23.8 71.2
254 0.0 0.0 0.0

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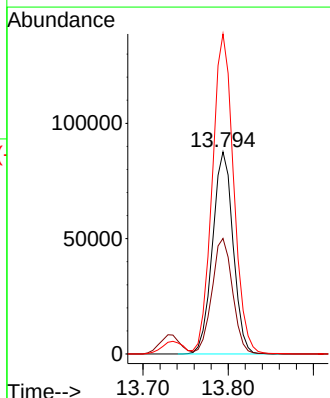
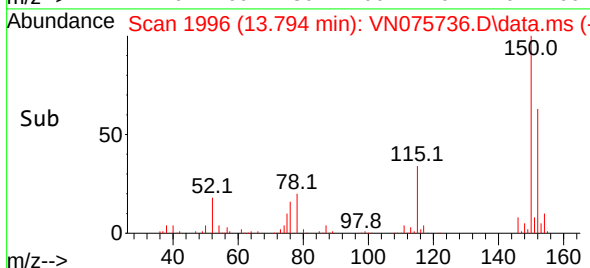
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

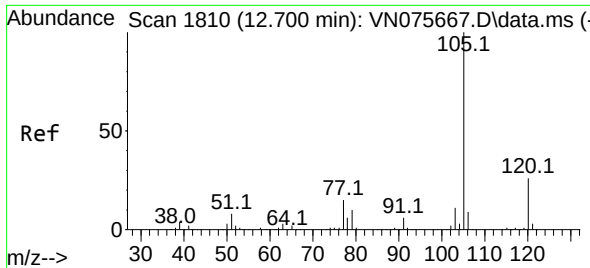


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion:152 Resp: 146643
Ion Ratio Lower Upper
152 100
115 57.4 28.4 85.2
150 165.1 0.0 347.6





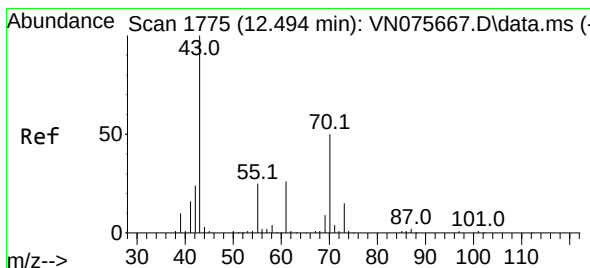
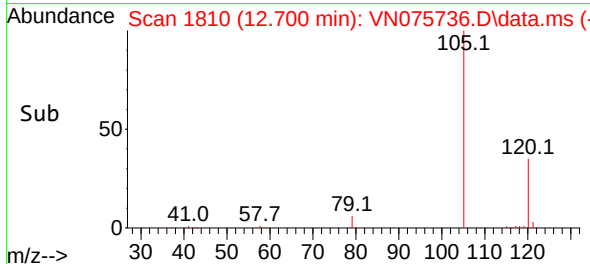
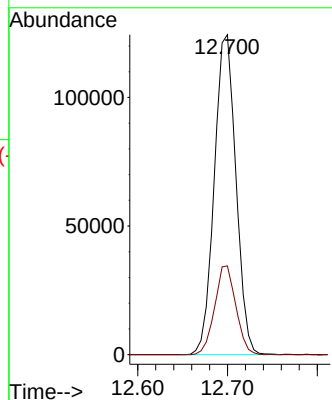
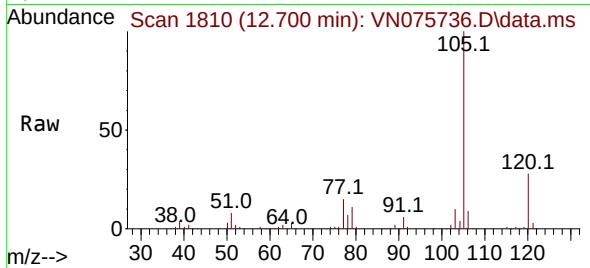
#73
Isopropylbenzene
Concen: 19.803 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion:105 Resp: 20851
Ion Ratio Lower Upper
105 100
120 27.2 13.4 40.2

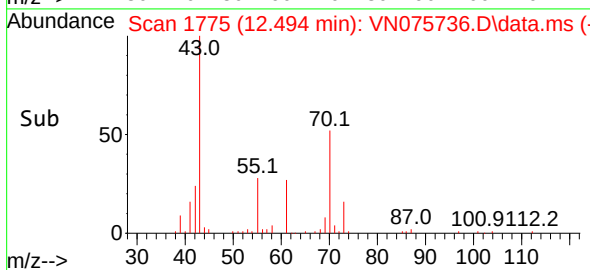
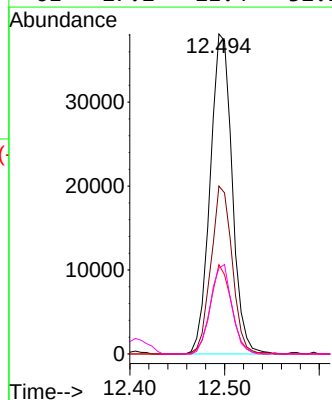
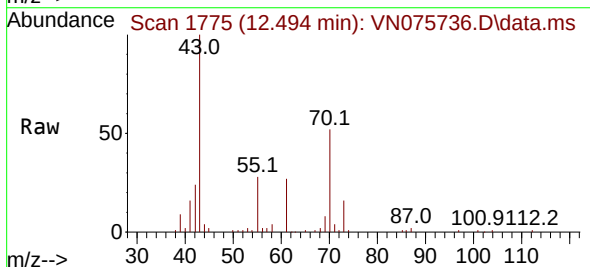
Manual Integrations
APPROVED

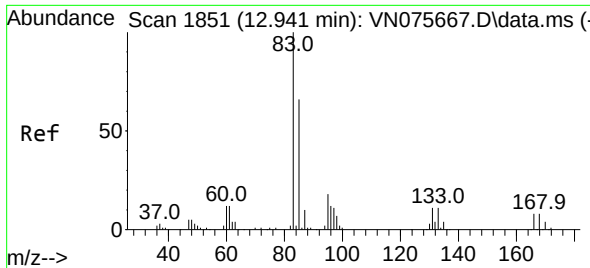
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#74
N-ethyl acetate
Concen: 20.039 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

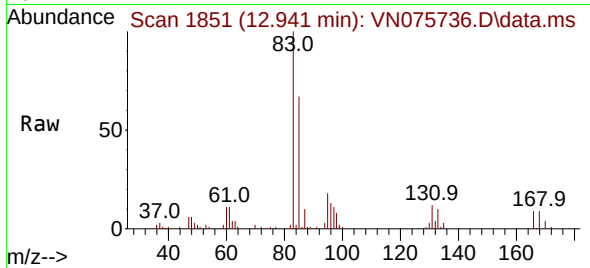
Tgt Ion: 43 Resp: 61306
Ion Ratio Lower Upper
43 100
70 50.9 41.0 61.6
55 26.9 20.7 31.1
61 27.2 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 19.076 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

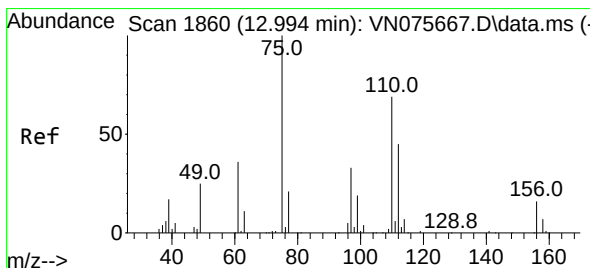
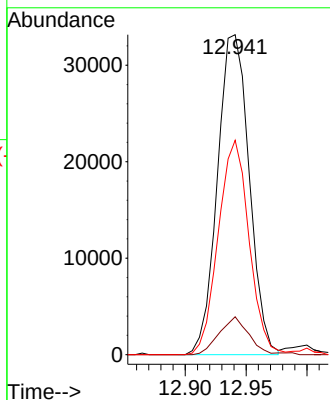
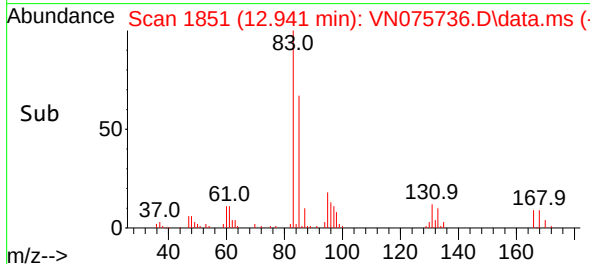
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



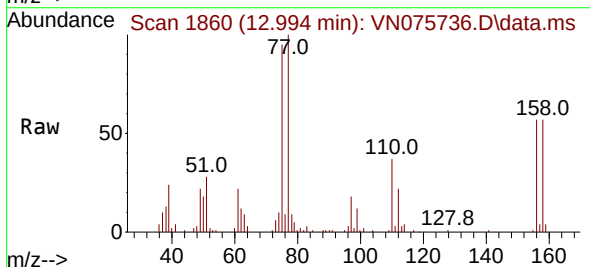
Tgt Ion: 83 Resp: 60335
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 64.9 32.6 97.7

Manual Integrations
APPROVED

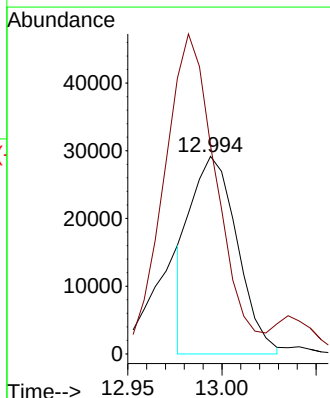
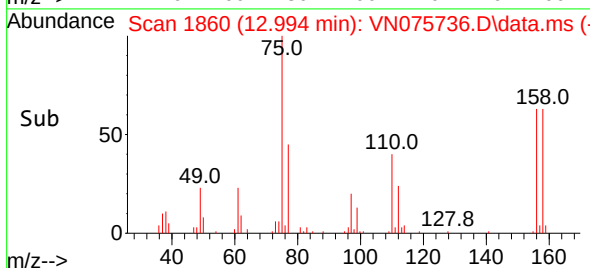
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

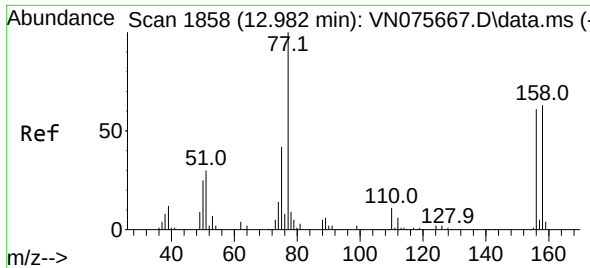


#76
1,2,3-Trichloropropane
Concen: 17.141 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



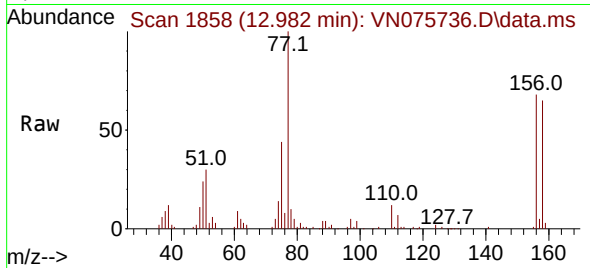
Tgt Ion: 75 Resp: 50478
Ion Ratio Lower Upper
75 100
77 183.7 81.8 245.4





#77
Bromobenzene
Concen: 19.705 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

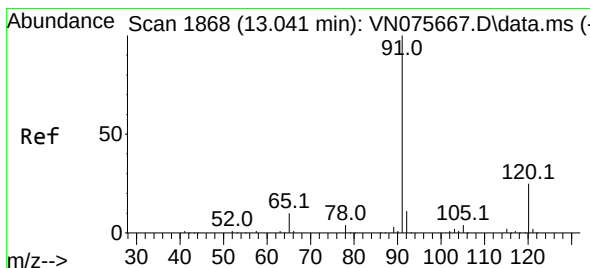
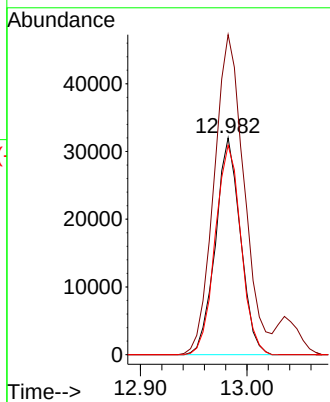
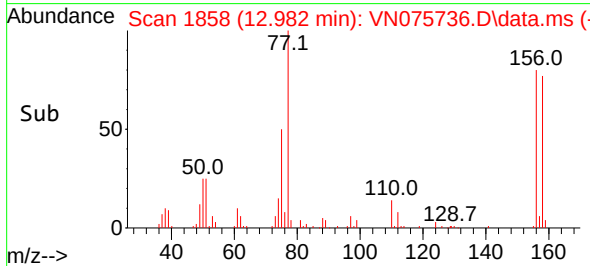
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



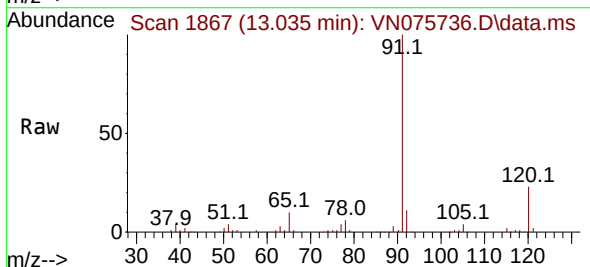
Tgt Ion:156 Resp: 52178
Ion Ratio Lower Upper
156 100
77 177.7 90.8 272.5
158 99.3 49.3 147.8

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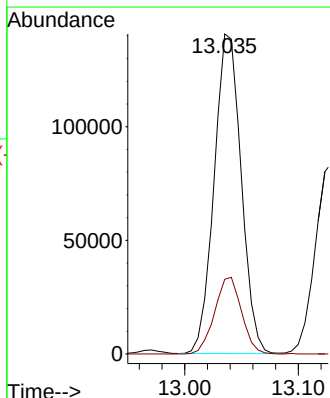
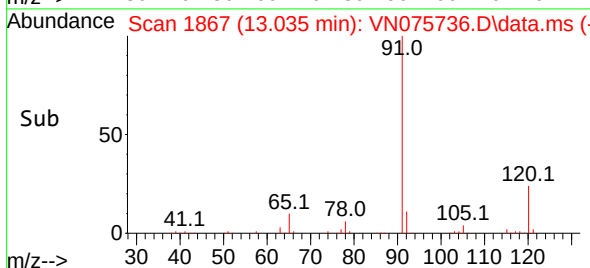
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

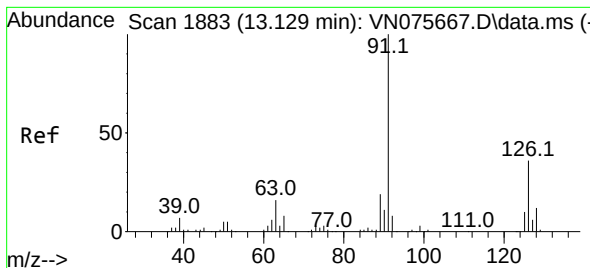


#78
n-propylbenzene
Concen: 19.934 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion: 91 Resp: 232901
Ion Ratio Lower Upper
91 100
120 23.8 12.1 36.3





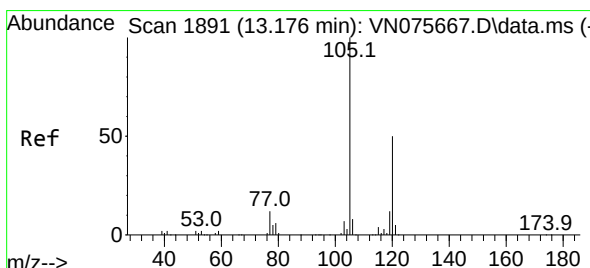
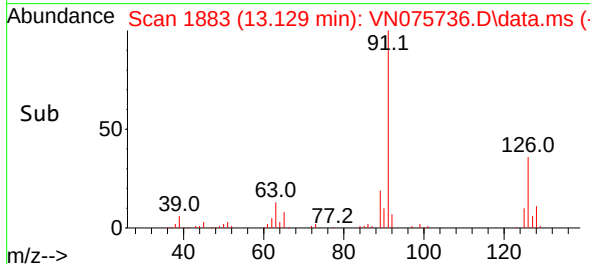
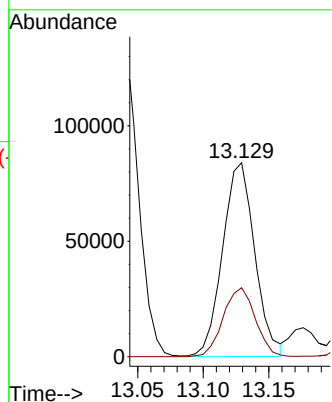
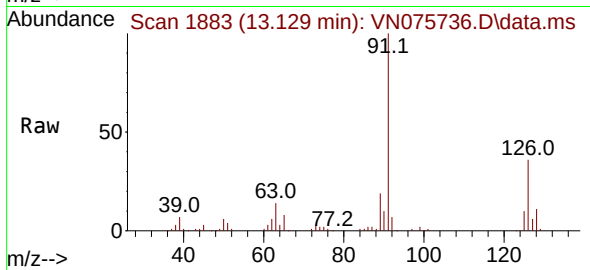
#79
2-Chlorotoluene
Concen: 19.847 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02

Tgt Ion: 91 Resp: 143159
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.4

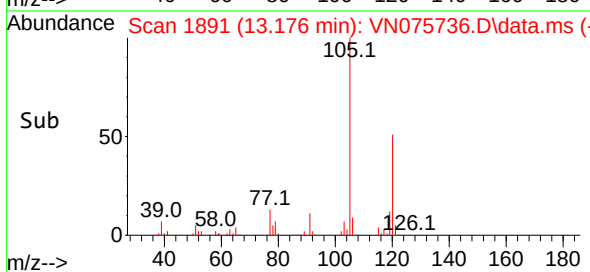
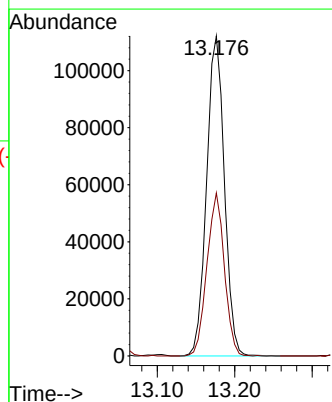
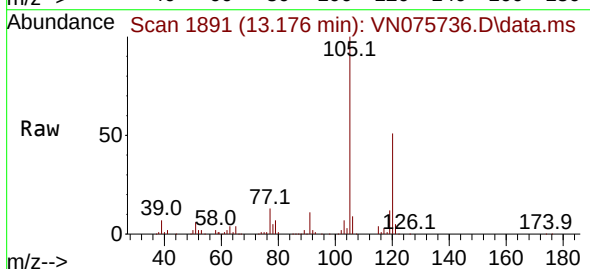
Manual Integrations
APPROVED

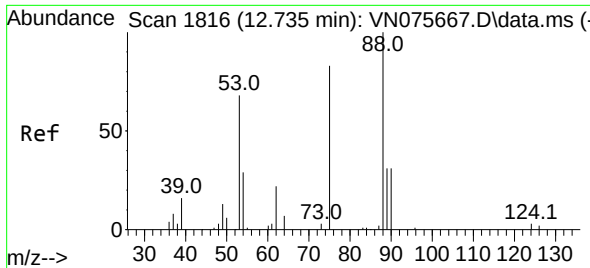
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.286 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

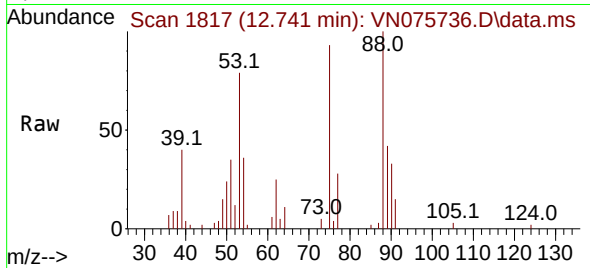
Tgt Ion:105 Resp: 178577
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.077 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

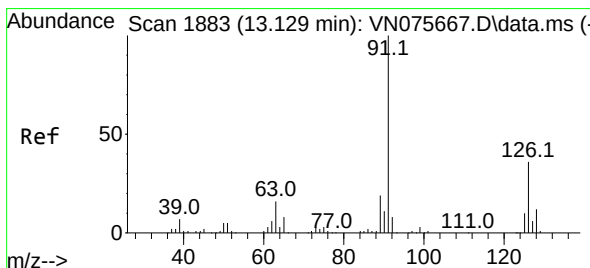
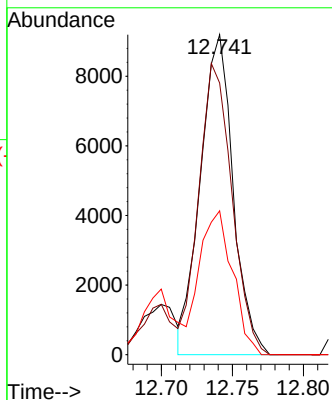
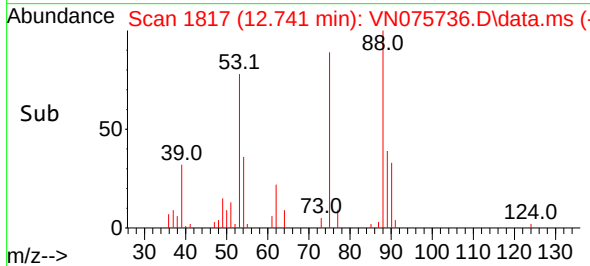
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
53 92.6 72.4 108.6
89 45.1 36.6 55.0

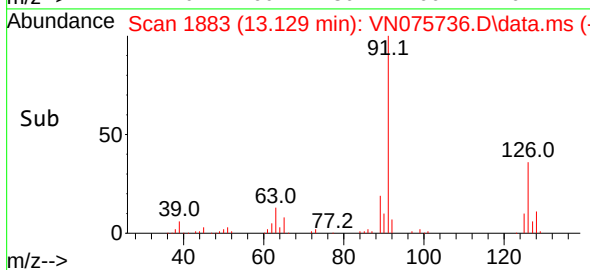
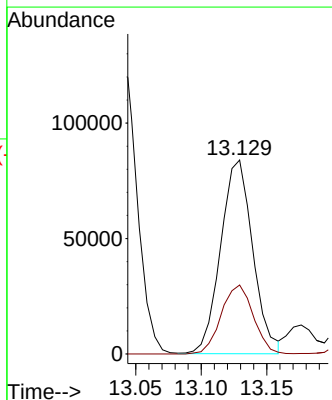
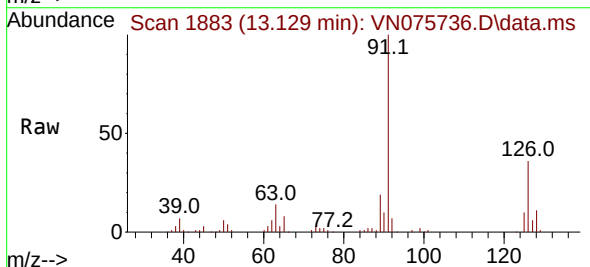
Manual Integrations
APPROVED

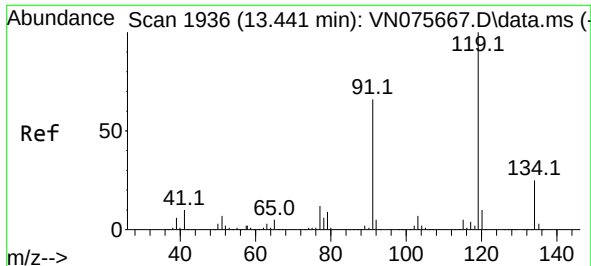
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#82
4-Chlorotoluene
Concen: 19.847 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

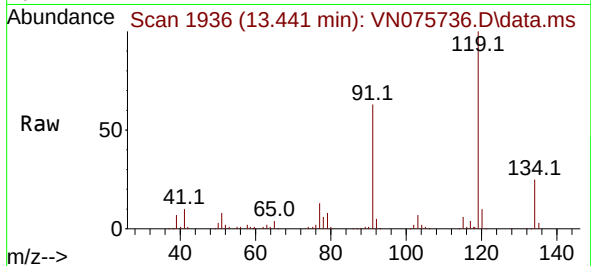
Tgt Ion: 91 Resp: 143159
Ion Ratio Lower Upper
91 100
126 35.5 17.8 53.4





#83
tert-Butylbenzene
Concen: 19.993 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

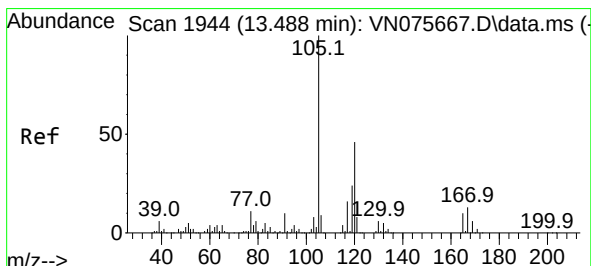
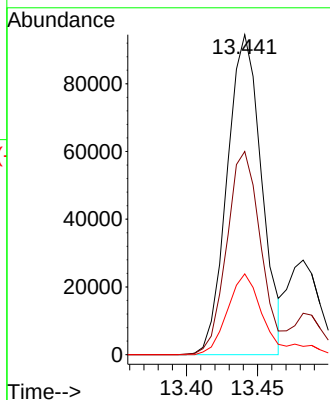
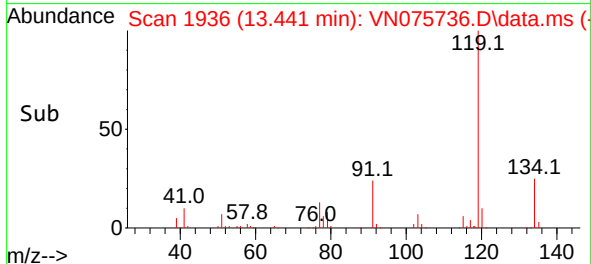
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



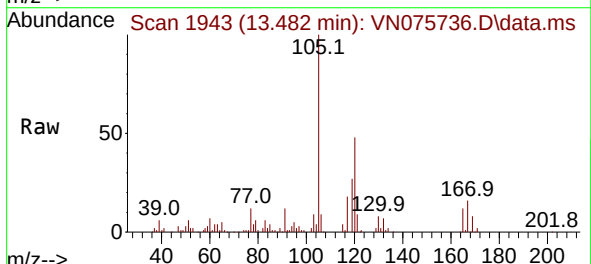
Tgt Ion:119 Resp: 159600
Ion Ratio Lower Upper
119 100
91 63.6 31.9 95.9
134 24.8 13.9 41.7

Manual Integrations
APPROVED

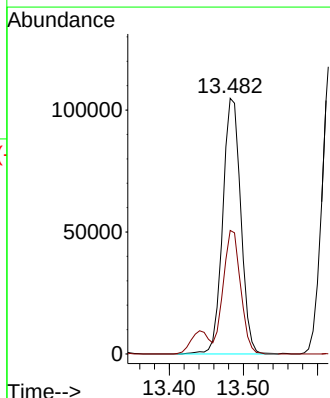
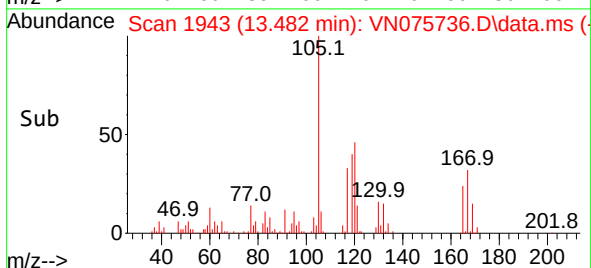
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

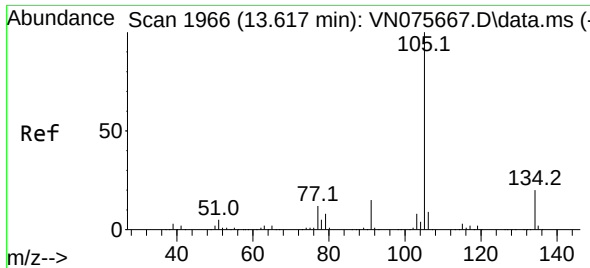


#84
1,2,4-Trimethylbenzene
Concen: 20.022 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



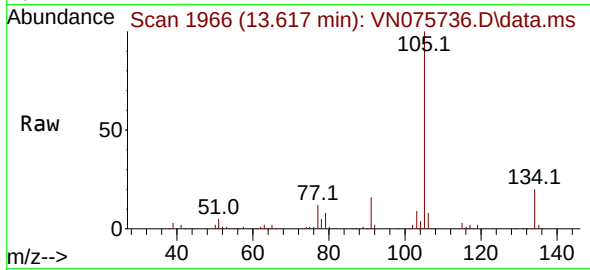
Tgt Ion:105 Resp: 177145
Ion Ratio Lower Upper
105 100
120 46.5 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 19.393 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075736.D
 Acq: 13 Dec 2022 03:15

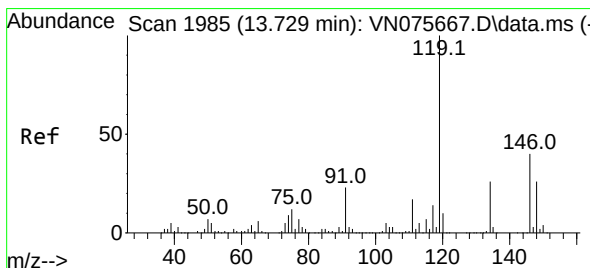
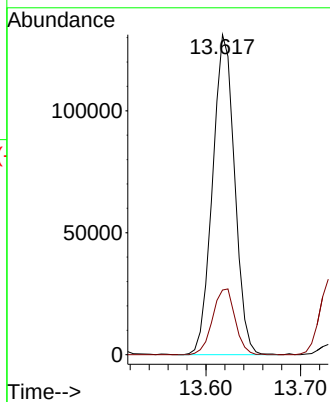
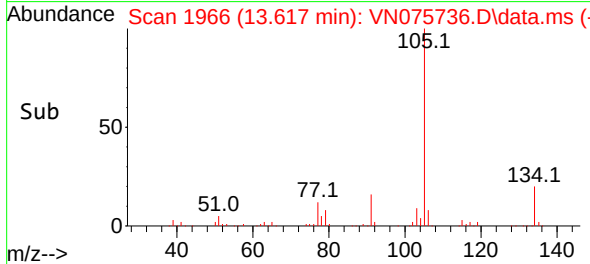
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBSD02



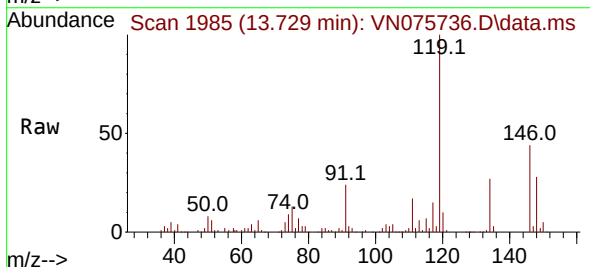
Tgt Ion:105 Resp: 21283
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.2 30.6

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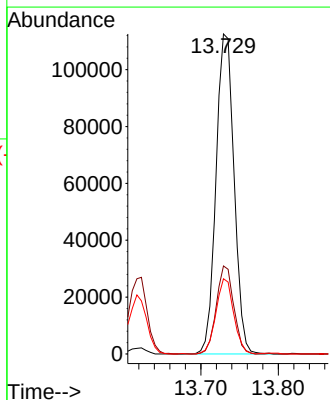
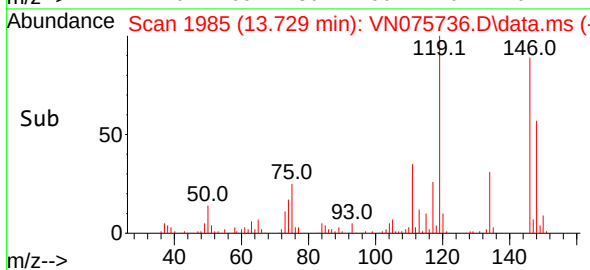
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022

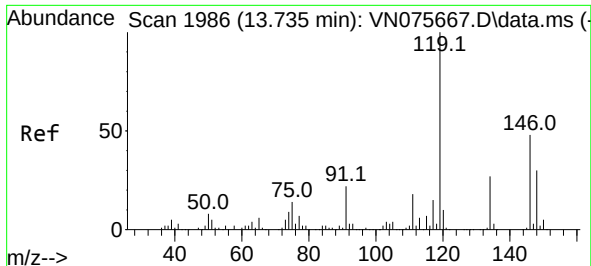


#86
 p-Isopropyltoluene
 Concen: 19.851 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075736.D
 Acq: 13 Dec 2022 03:15



Tgt Ion:119 Resp: 182288
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 23.1 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.644 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

Tgt Ion:146 Resp: 97278

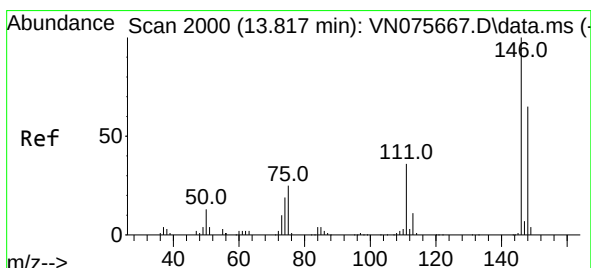
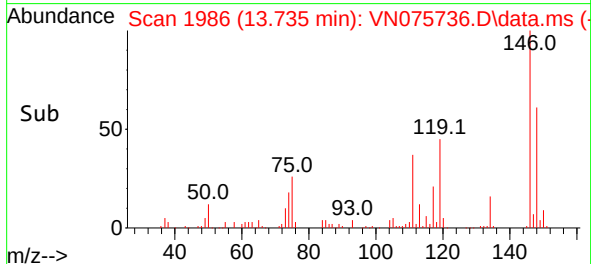
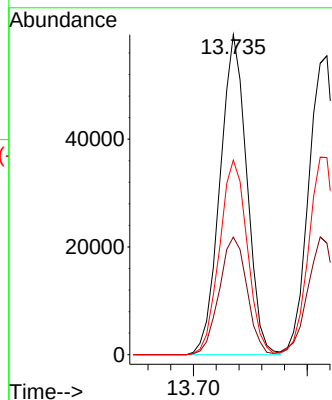
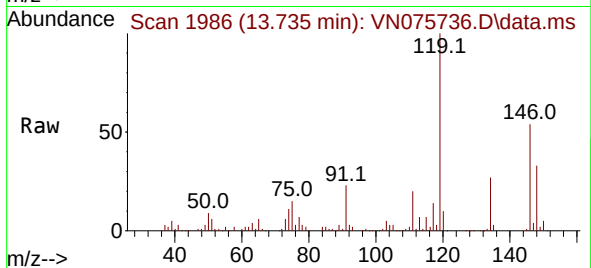
Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.8	59.3
148	62.9	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#88

1,4-Dichlorobenzene

Concen: 18.966 ug/l

RT: 13.817 min Scan# 2000

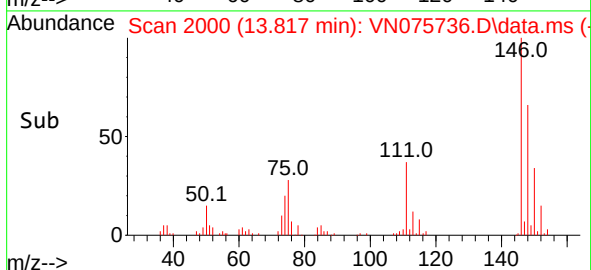
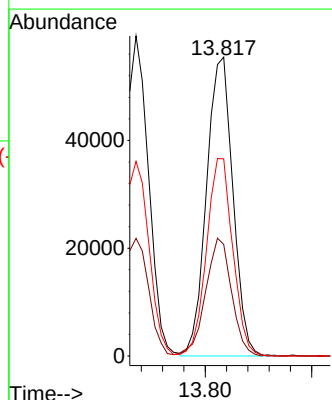
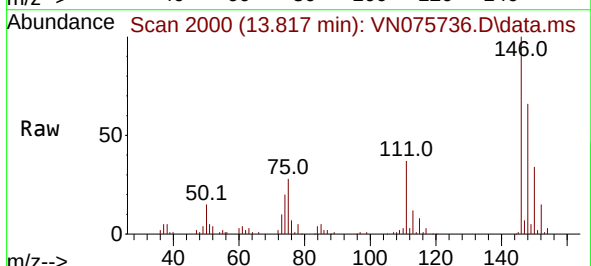
Delta R.T. 0.000 min

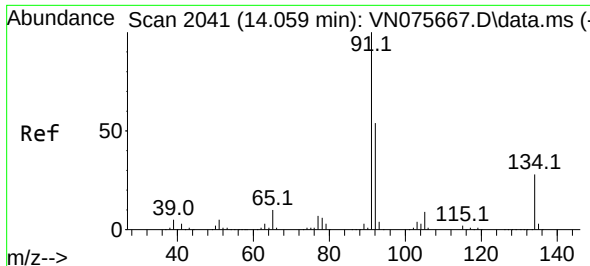
Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Tgt Ion:146 Resp: 95531

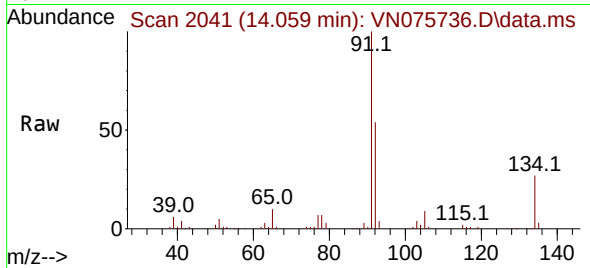
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	65.8	32.1	96.3





#89
n-Butylbenzene
Concen: 18.938 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

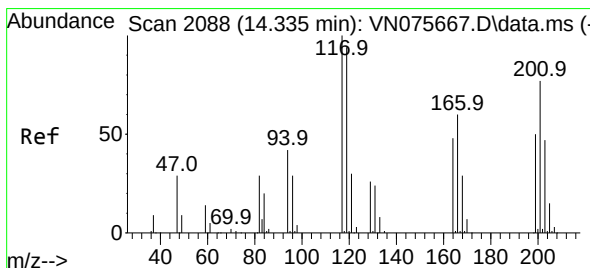
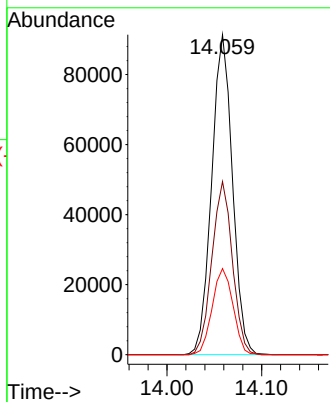
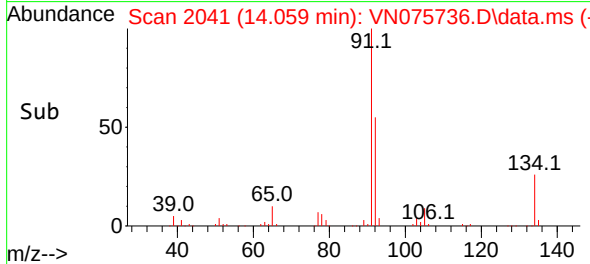
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



Tgt Ion: 91 Resp: 139384
Ion Ratio Lower Upper
91 100
92 53.4 26.7 80.1
134 26.9 13.9 41.7

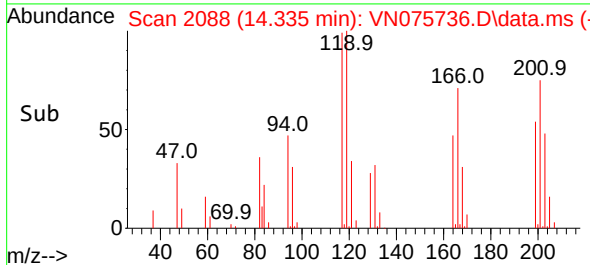
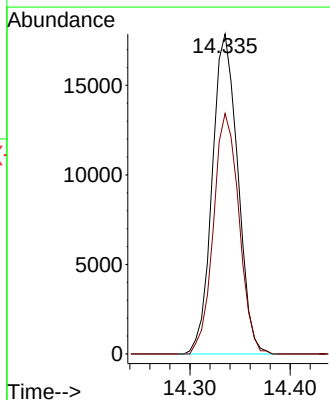
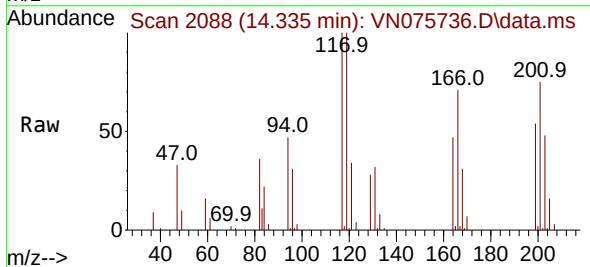
Manual Integrations
APPROVED

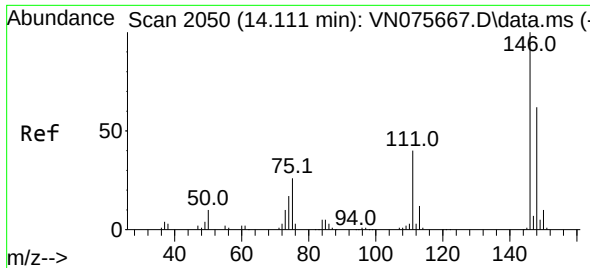
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#90
Hexachloroethane
Concen: 20.136 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

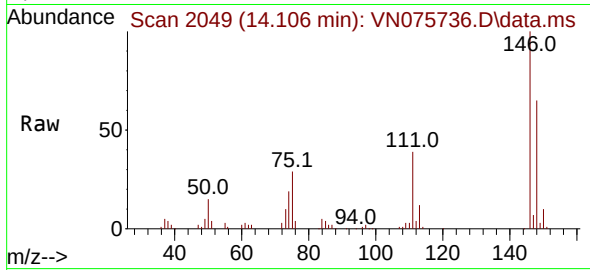
Tgt Ion:117 Resp: 31671
Ion Ratio Lower Upper
117 100
201 75.2 39.2 117.6





#91
1,2-Dichlorobenzene
Concen: 19.503 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

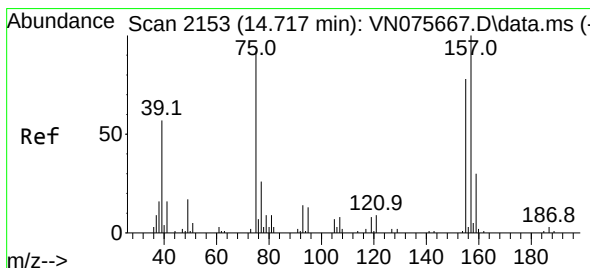
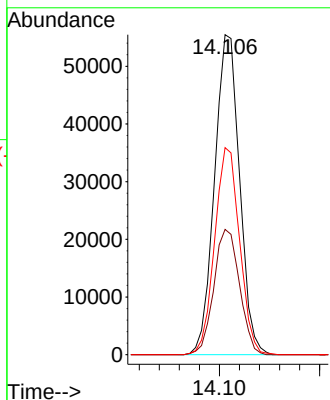
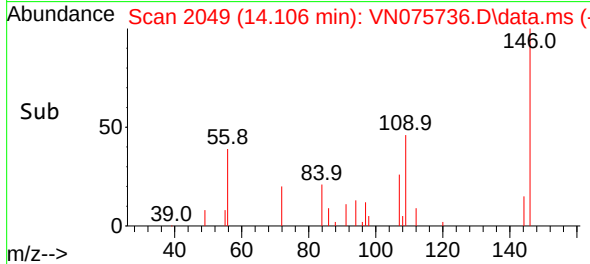
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



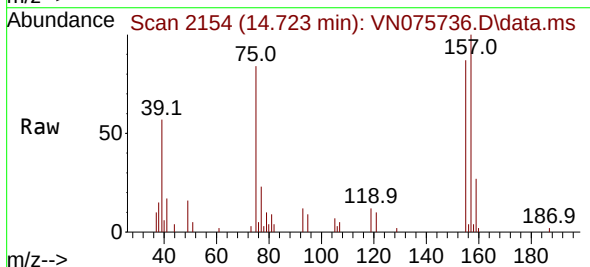
Tgt Ion:146 Resp: 9610
Ion Ratio Lower Upper
146 100
111 40.2 20.1 60.3
148 64.5 31.9 95.5

Manual Integrations
APPROVED

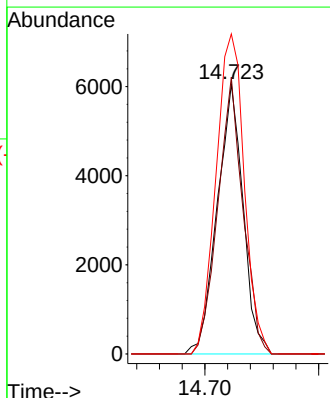
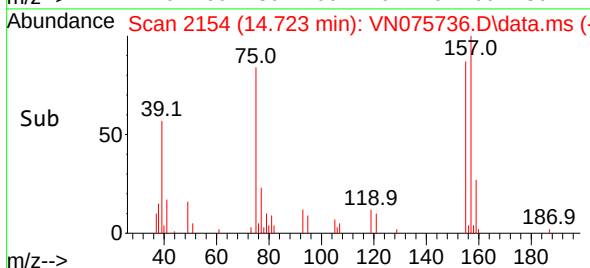
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

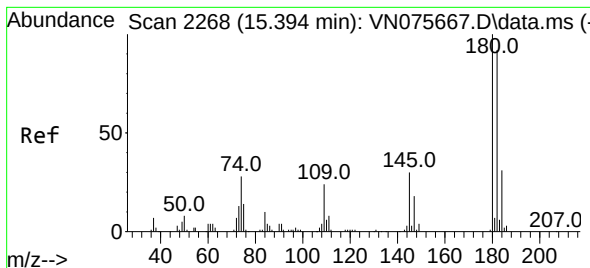


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.390 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion: 75 Resp: 9558
Ion Ratio Lower Upper
75 100
155 99.9 48.4 145.2
157 130.0 63.5 190.6





#93

1,2,4-Trichlorobenzene

Concen: 19.018 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBSD02

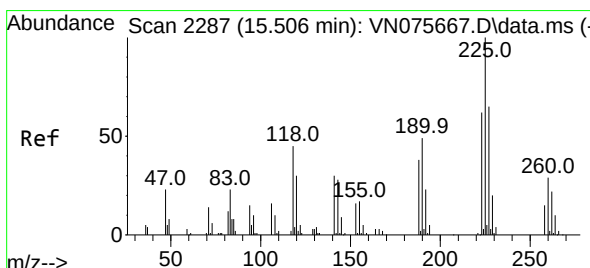
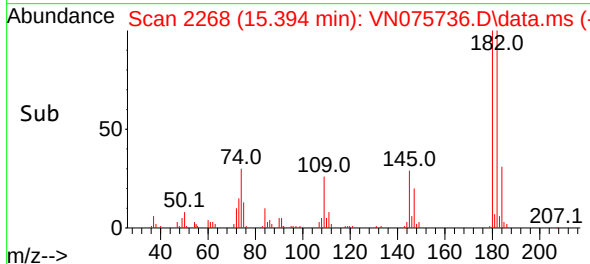
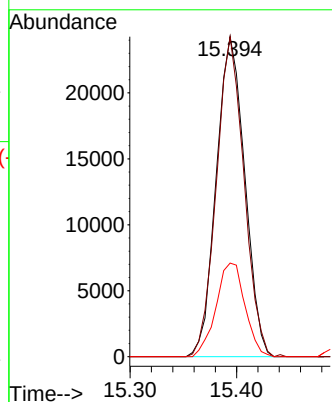
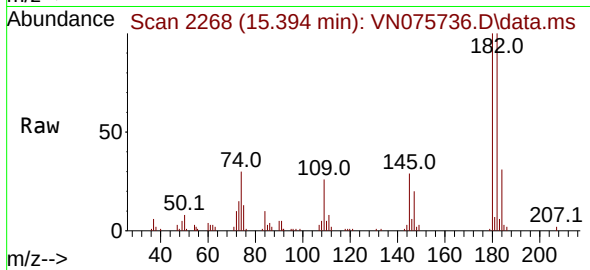
Tgt Ion:	180	Resp:	4499
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.1	141.3
145	29.8	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#94

Hexachlorobutadiene

Concen: 17.629 ug/l

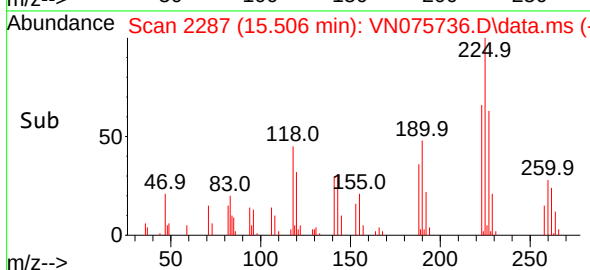
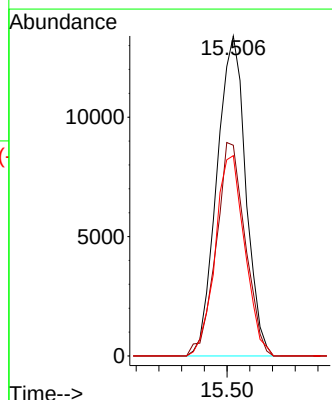
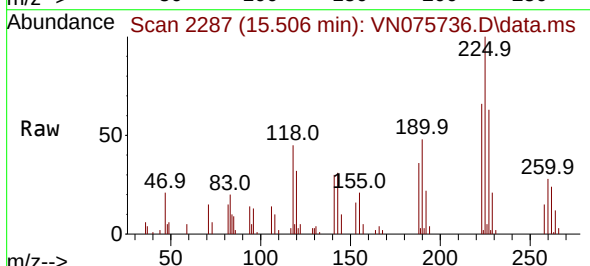
RT: 15.506 min Scan# 2287

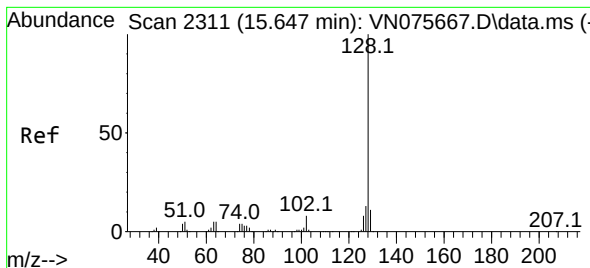
Delta R.T. 0.000 min

Lab File: VN075736.D

Acq: 13 Dec 2022 03:15

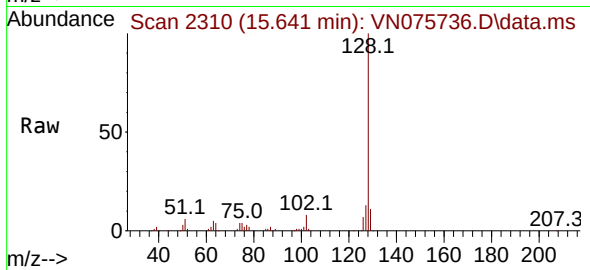
Tgt Ion:	225	Resp:	23663
Ion Ratio	Lower	Upper	
225	100		
223	67.0	31.4	94.2
227	63.9	31.3	93.9





#95
Naphthalene
Concen: 18.858 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15

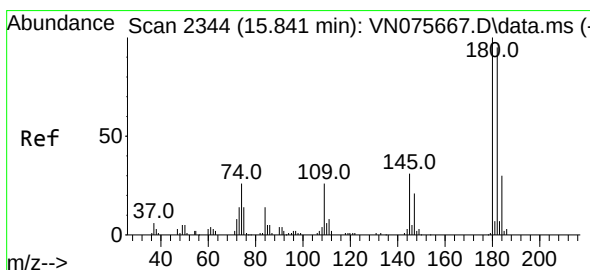
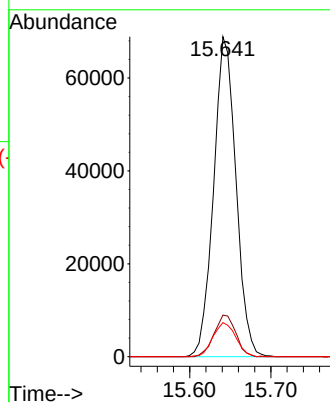
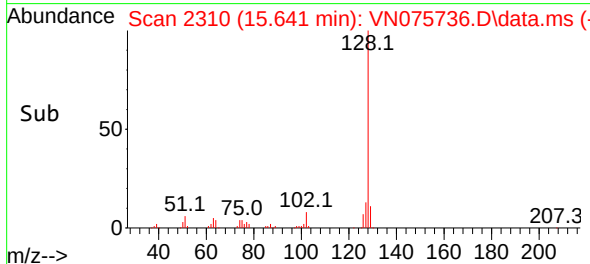
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBSD02



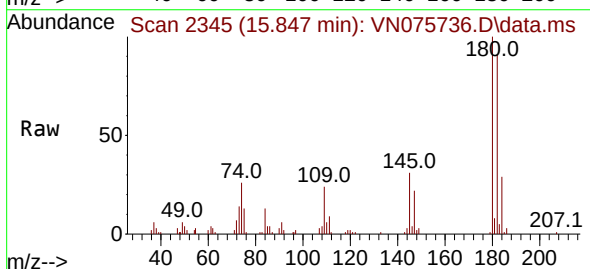
Tgt Ion:128 Resp: 131859
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.4
129 10.9 8.4 12.6

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 19.062 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN075736.D
Acq: 13 Dec 2022 03:15



Tgt Ion:180 Resp: 44312
Ion Ratio Lower Upper
180 100
182 95.0 46.8 140.4
145 31.9 15.6 46.8

