

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121922\
 Data File : VN075866.D
 Acq On : 19 Dec 2022 13:10
 Operator : JC\MD
 Sample : VN1219WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 01:28:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	319783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	505712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	445217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171194	49.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.420%		
35) Dibromofluoromethane	8.171	113	155801	49.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	10.571	98	586561	50.093	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.180%		
62) 4-Bromofluorobenzene	12.853	95	192814	49.716	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	39157	17.245	ug/l	99
3) Chloromethane	2.371	50	45666	16.174	ug/l	100
4) Vinyl Chloride	2.530	62	58469	17.361	ug/l	99
5) Bromomethane	2.954	94	49712	17.368	ug/l	98
6) Chloroethane	3.130	64	44317	17.769	ug/l	94
7) Trichlorofluoromethane	3.512	101	94440	18.480	ug/l	92
8) Diethyl Ether	3.977	74	34859	18.676	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	55074	18.873	ug/l	99
10) Methyl Iodide	4.601	142	81954	17.305	ug/l	99
11) Tert butyl alcohol	5.536	59	42825	86.996	ug/l	99
12) 1,1-Dichloroethene	4.353	96	50334	17.760	ug/l	95
13) Acrolein	4.195	56	71823	119.010	ug/l	98
14) Allyl chloride	5.042	41	58919	17.783	ug/l	94
15) Acrylonitrile	5.736	53	123195	91.706	ug/l	99
16) Acetone	4.436	43	118833	99.089	ug/l	96
17) Carbon Disulfide	4.724	76	115364	16.812	ug/l	96
18) Methyl Acetate	5.042	43	63681	17.964	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	177780	19.048	ug/l	98
20) Methylene Chloride	5.289	84	59107	18.015	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	54973	17.711	ug/l	98
22) Diisopropyl ether	6.683	45	153175	19.031	ug/l	99
23) Vinyl Acetate	6.612	43	498970	92.108	ug/l	98
24) 1,1-Dichloroethane	6.583	63	96987	18.069	ug/l	97
25) 2-Butanone	7.489	43	162572	96.816	ug/l	97
26) 2,2-Dichloropropane	7.494	77	85641	18.840	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	67840	18.275	ug/l	96
28) Bromochloromethane	7.824	49	39398	16.746	ug/l	96
29) Tetrahydrofuran	7.847	42	101656	96.604	ug/l	98
30) Chloroform	7.971	83	109820	18.171	ug/l	96
31) Cyclohexane	8.265	56	88520	17.766	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	99082	18.493	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78282	18.817	ug/l	100
37) Ethyl Acetate	7.571	43	64815	19.396	ug/l	97
38) Carbon Tetrachloride	8.371	117	87722	18.839	ug/l	99
39) Methylcyclohexane	9.600	83	98974	19.720	ug/l	97
40) Benzene	8.612	78	241287	18.798	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	33324	19.185	ug/l	96
42) 1,2-Dichloroethane	8.677	62	80629	18.894	ug/l	99
43) Isopropyl Acetate	8.694	43	106449	19.311	ug/l	99
44) Trichloroethene	9.353	130	65180	18.025	ug/l	89
45) 1,2-Dichloropropane	9.624	63	59109	18.924	ug/l	96
46) Dibromomethane	9.712	93	42189	18.210	ug/l	98
47) Bromodichloromethane	9.888	83	85372	18.791	ug/l	97
48) Methyl methacrylate	9.683	41	48081	19.366	ug/l	97
49) 1,4-Dioxane	9.700	88	24687	404.460	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	329641	98.882	ug/l	98
52) Toluene	10.635	92	159495	19.079	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	84913	19.093	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	94132	19.278	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	63347	19.306	ug/l	99
56) Ethyl methacrylate	10.877	69	85005	19.504	ug/l	97
57) 1,3-Dichloropropane	11.165	76	102581	19.059	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	140244	101.068	ug/l	98
59) 2-Hexanone	11.200	43	243560	100.183	ug/l	98
60) Dibromochloromethane	11.365	129	68773	18.847	ug/l	98
61) 1,2-Dibromoethane	11.471	107	64449	19.409	ug/l	99
64) Tetrachloroethene	11.106	164	57667	18.407	ug/l	96
65) Chlorobenzene	11.894	112	170244	18.630	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	65281	19.287	ug/l	98
67) Ethyl Benzene	11.965	91	298940	19.383	ug/l	99
68) m/p-Xylenes	12.076	106	240059	39.327	ug/l	100
69) o-Xylene	12.400	106	116162	19.230	ug/l	97
70) Styrene	12.412	104	189601	19.740	ug/l	99
71) Bromoform	12.582	173	47307	19.208	ug/l #	98
73) Isopropylbenzene	12.700	105	306629	20.049	ug/l	100
74) N-amyl acetate	12.494	43	88507	19.726	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	88780	18.778	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	75468m	17.690	ug/l	
77) Bromobenzene	12.982	156	74670	19.292	ug/l	98
78) n-propylbenzene	13.041	91	341638	20.253	ug/l	100
79) 2-Chlorotoluene	13.129	91	205625	19.528	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	259881	20.303	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27079	22.848	ug/l	88
82) 4-Chlorotoluene	13.129	91	205625	19.528	ug/l	99
83) tert-Butylbenzene	13.441	119	239427	21.215	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	257388	20.269	ug/l	99
85) sec-Butylbenzene	13.618	105	318508	20.447	ug/l	98
86) p-Isopropyltoluene	13.735	119	271184	20.923	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	135124	18.900	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	134393	18.400	ug/l	99
89) n-Butylbenzene	14.059	91	207433	19.755	ug/l	100
90) Hexachloroethane	14.335	117	47170	20.345	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	134493	19.098	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	14991	17.869	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	64043	18.369	ug/l	99
94) Hexachlorobutadiene	15.506	225	36386	19.128	ug/l	98
95) Naphthalene	15.641	128	185848	17.610	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	62121	19.063	ug/l	99

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

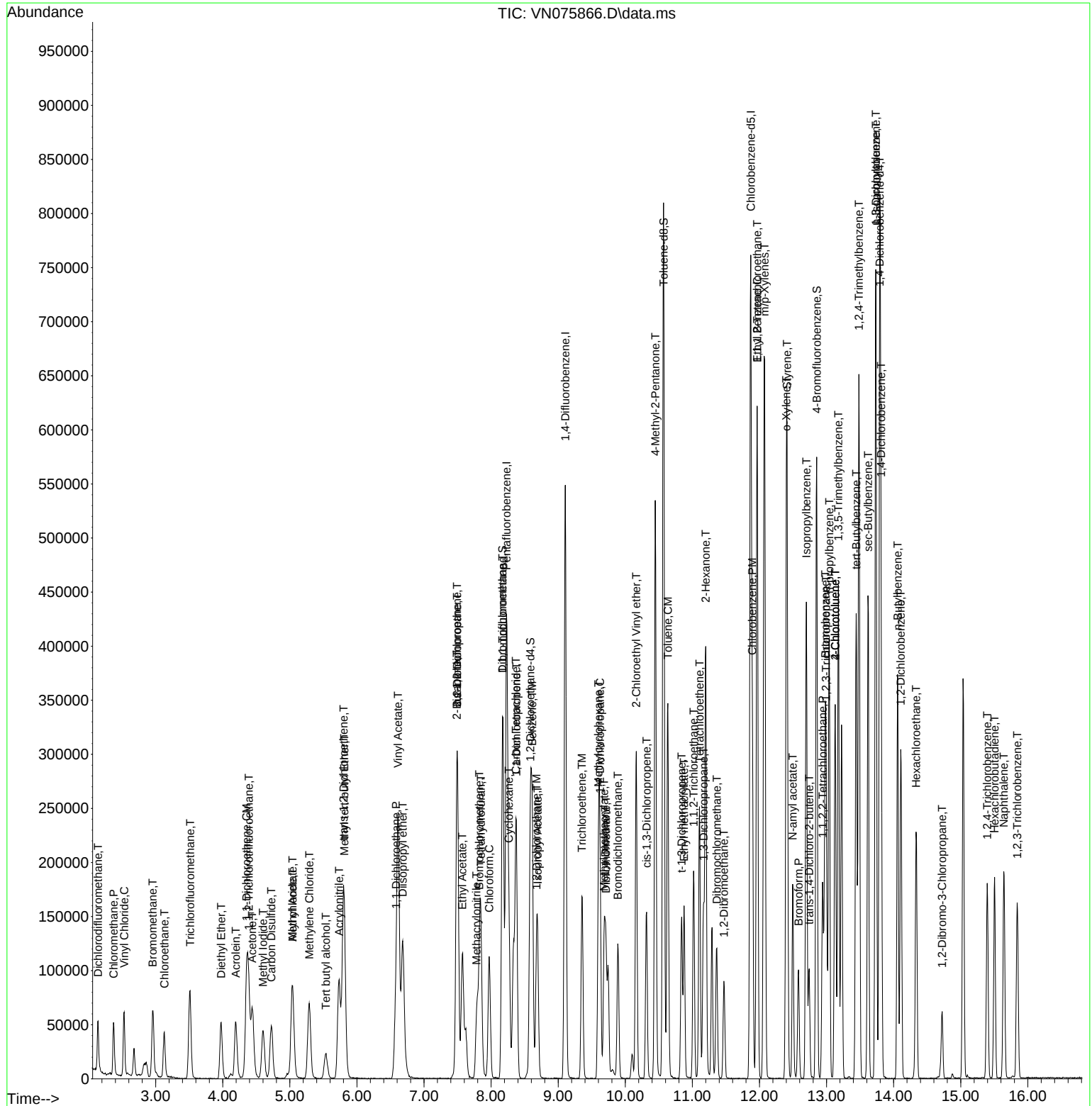
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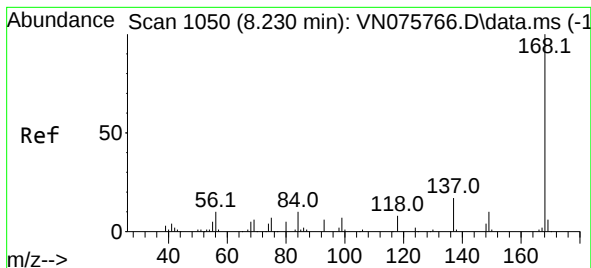
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN075866.D

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Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion:168 Resp: 31978

Ion Ratio Lower Upper

168 100

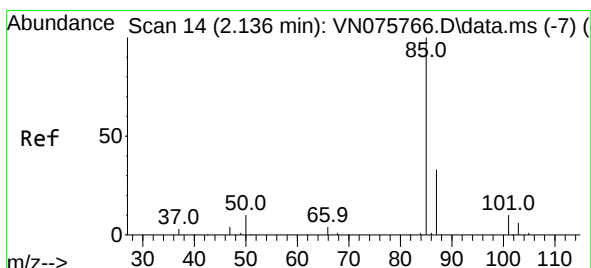
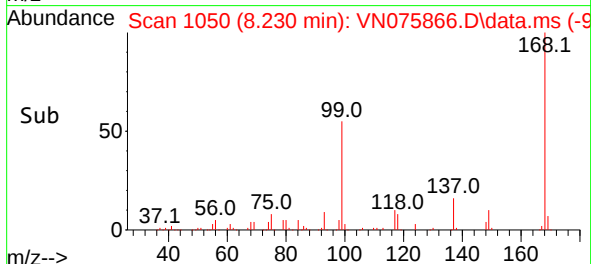
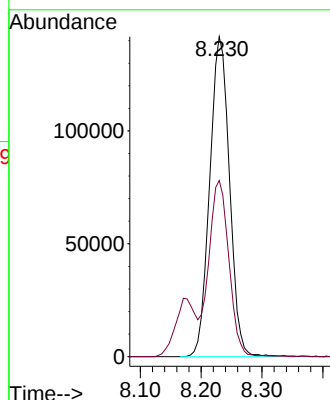
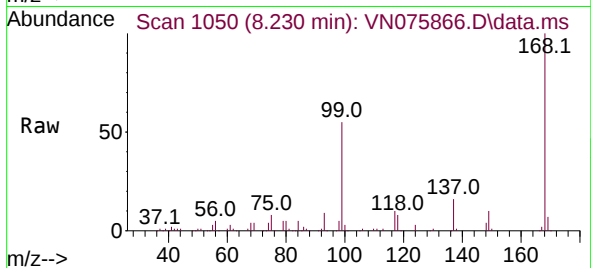
99 54.9 44.2 66.4

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#2

Dichlorodifluoromethane

Concen: 17.245 ug/l

RT: 2.142 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN075866.D

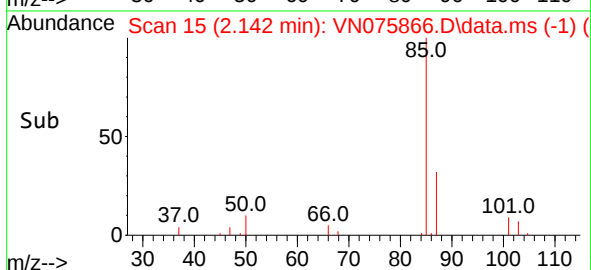
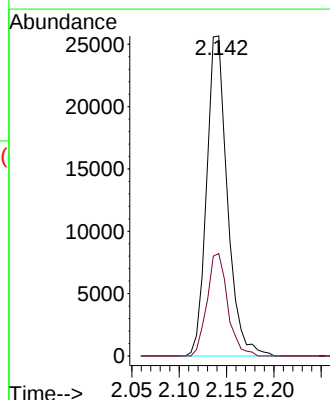
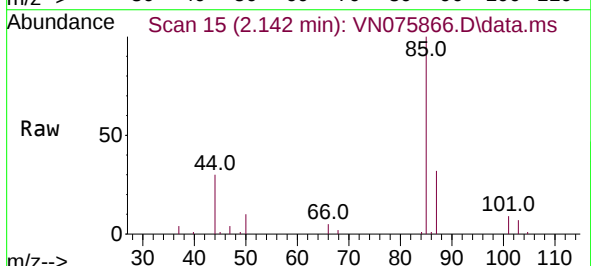
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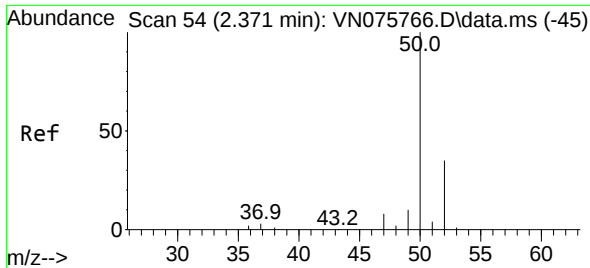
Tgt Ion: 85 Resp: 39157

Ion Ratio Lower Upper

85 100

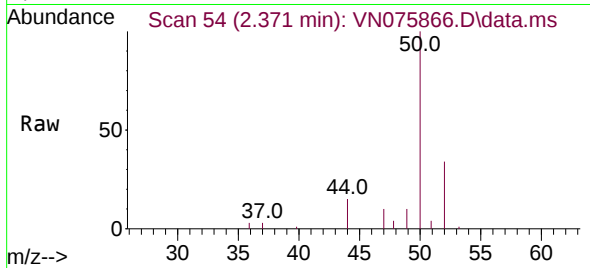
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 16.174 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

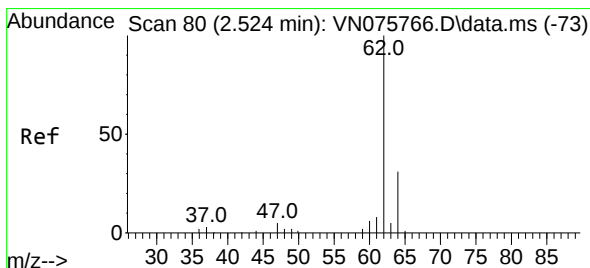
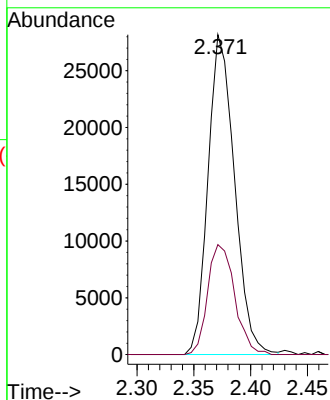
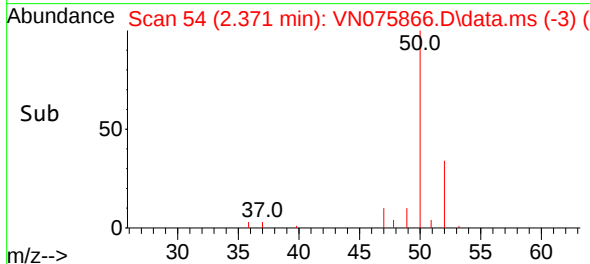
Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 45666
Ion Ratio Lower Upper
50 100
52 34.4 27.7 41.5

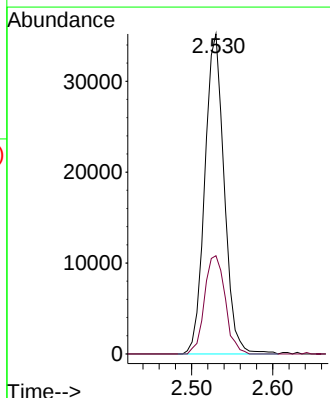
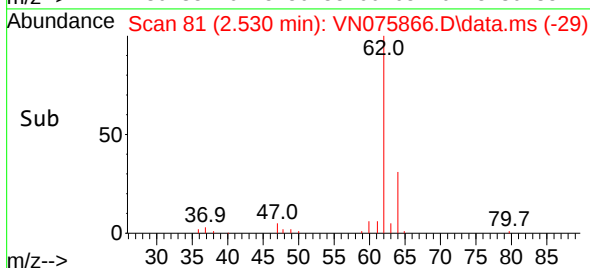
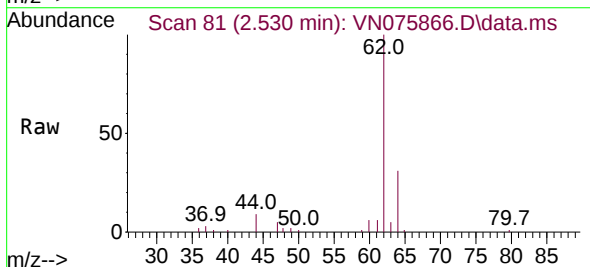
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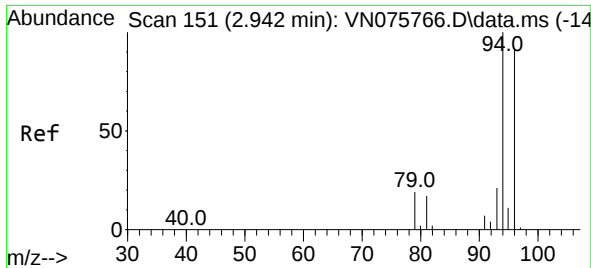
Reviewed By :John Carlone 12/20/2022
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#4
Vinyl Chloride
Concen: 17.361 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 62 Resp: 58469
Ion Ratio Lower Upper
62 100
64 30.7 24.9 37.3





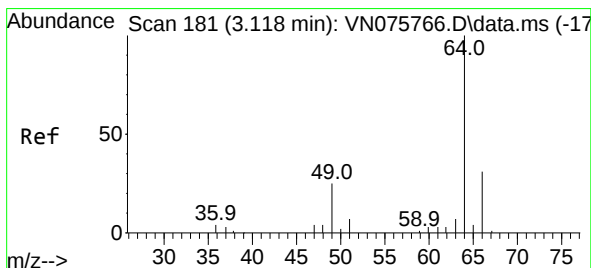
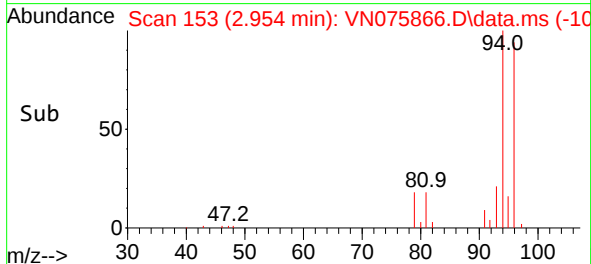
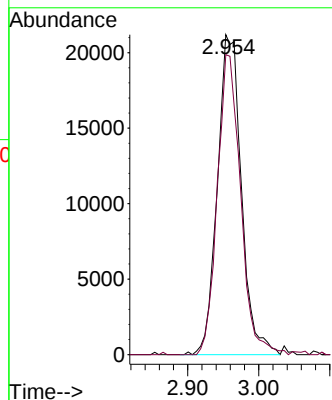
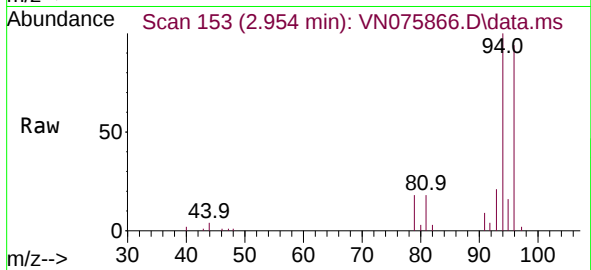
#5
Bromomethane
Concen: 17.368 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
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Tgt Ion: 94 Resp: 49712
Ion Ratio Lower Upper
94 100
96 93.7 73.8 110.6

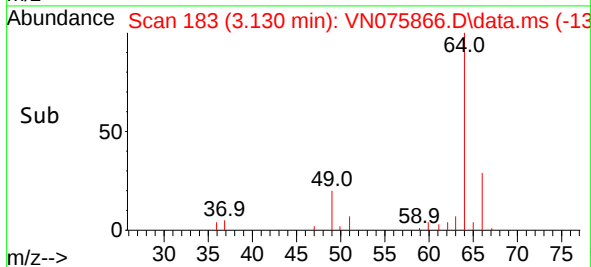
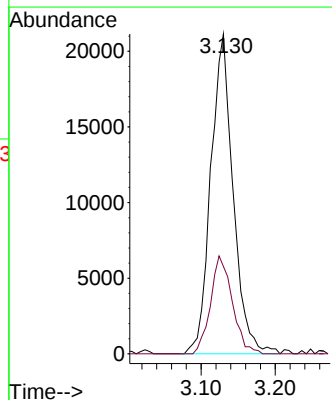
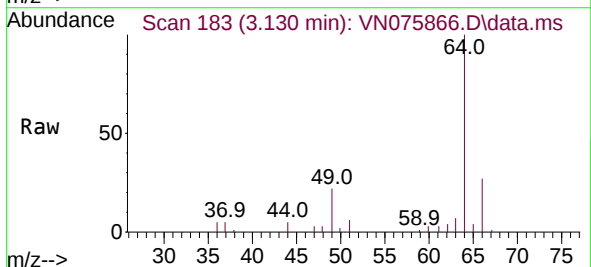
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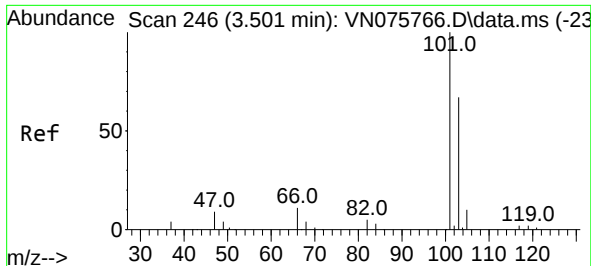
Reviewed By :John Carlone 12/20/2022
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#6
Chloroethane
Concen: 17.769 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

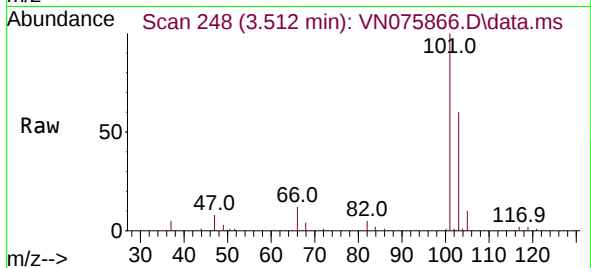
Tgt Ion: 64 Resp: 44317
Ion Ratio Lower Upper
64 100
66 27.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.480 ug/l
 RT: 3.512 min Scan# 246
 Delta R.T. 0.012 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

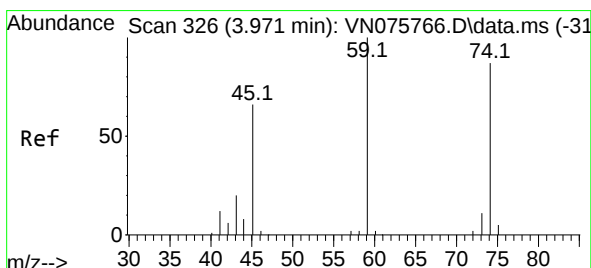
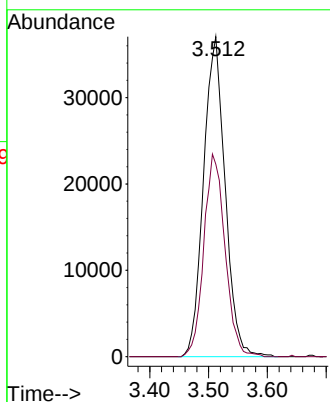
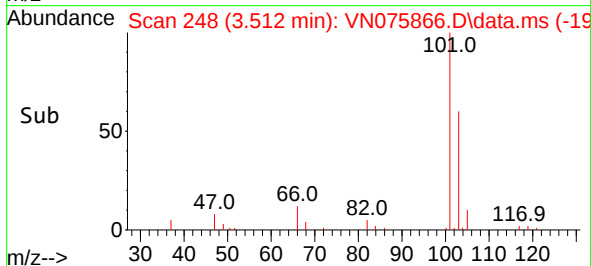
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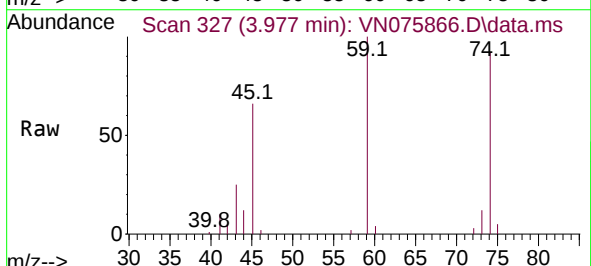
Tgt Ion:101 Resp: 94440
 Ion Ratio Lower Upper
 101 100
 103 60.1 53.4 80.2

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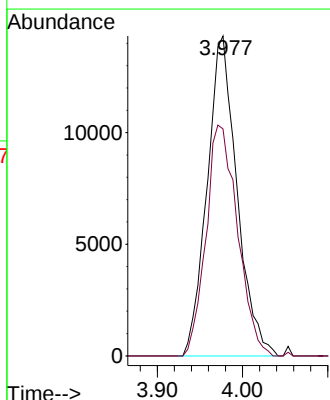
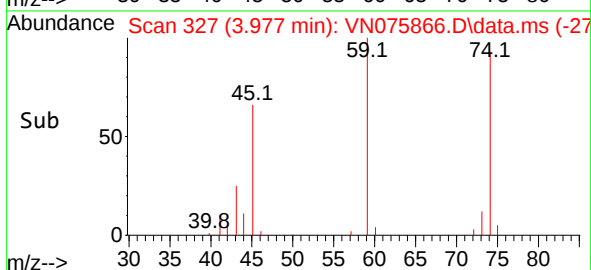
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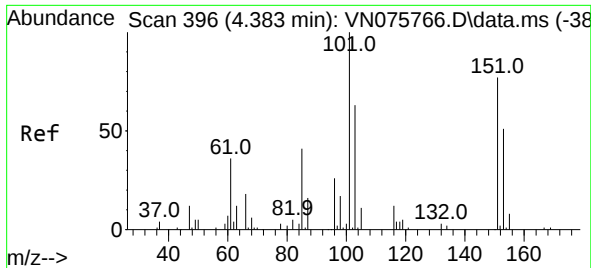


#8
 Diethyl Ether
 Concen: 18.676 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.006 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10



Tgt Ion: 74 Resp: 34859
 Ion Ratio Lower Upper
 74 100
 45 76.0 37.8 113.4





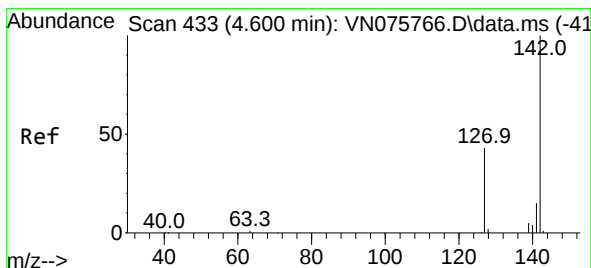
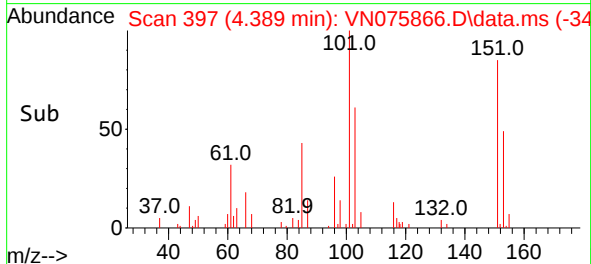
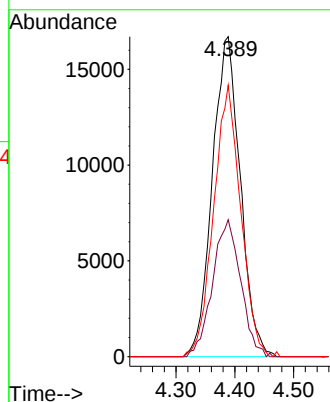
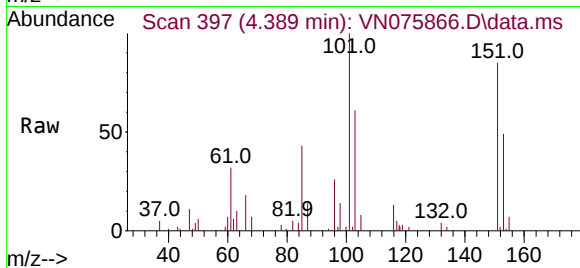
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.873 ug/l
RT: 4.389 min Scan# 396
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:101 Resp: 55074
Ion Ratio Lower Upper
101 100
85 43.1 35.3 52.9
151 82.0 65.6 98.4

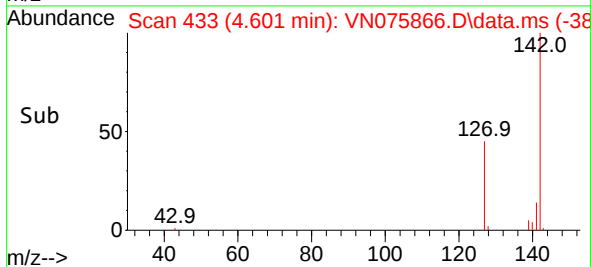
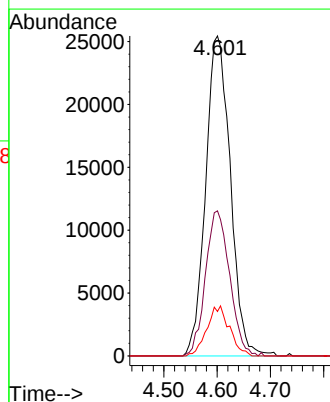
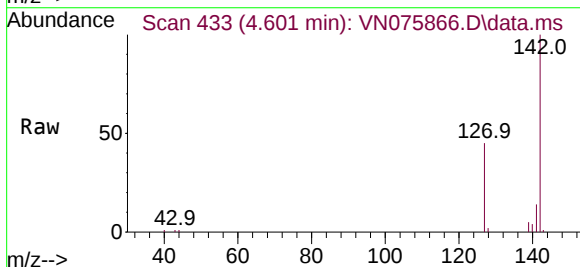
Manual Integrations
APPROVED

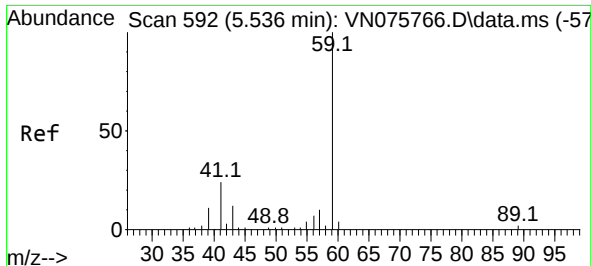
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#10
Methyl Iodide
Concen: 17.305 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

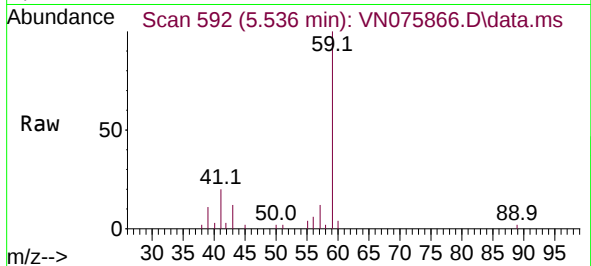
Tgt Ion:142 Resp: 81954
Ion Ratio Lower Upper
142 100
127 44.2 34.7 52.1
141 14.3 11.4 17.2





#11
Tert butyl alcohol
Concen: 86.996 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

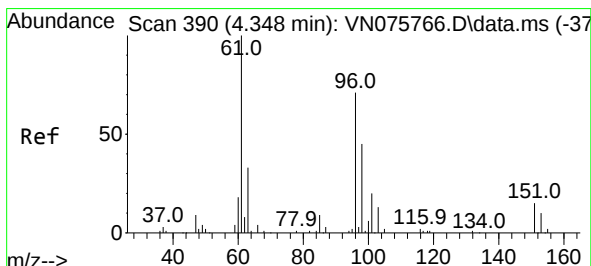
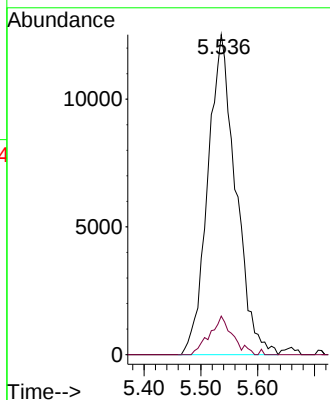
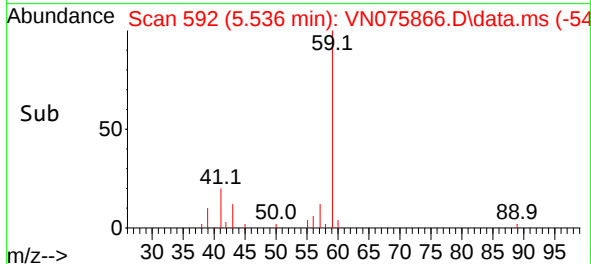
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



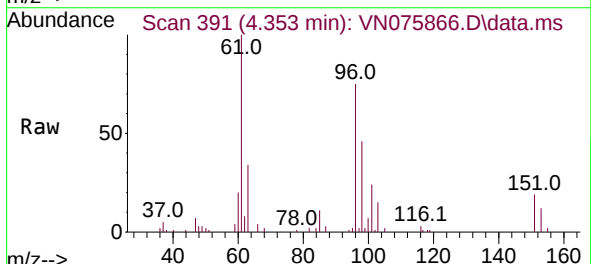
Tgt Ion: 59 Resp: 42825
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

Manual Integrations
APPROVED

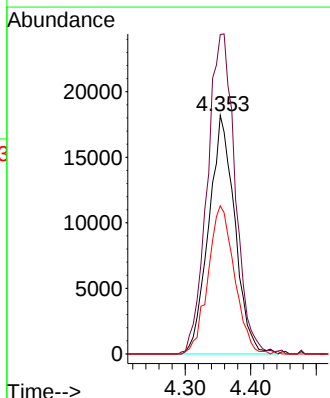
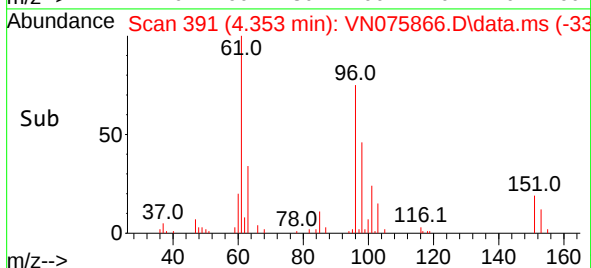
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

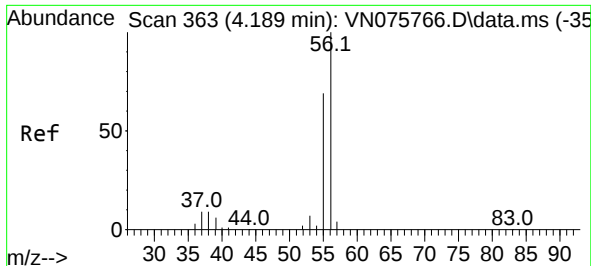


#12
1,1-Dichloroethene
Concen: 17.760 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion: 96 Resp: 50334
Ion Ratio Lower Upper
96 100
61 133.9 113.3 169.9
98 62.1 50.9 76.3





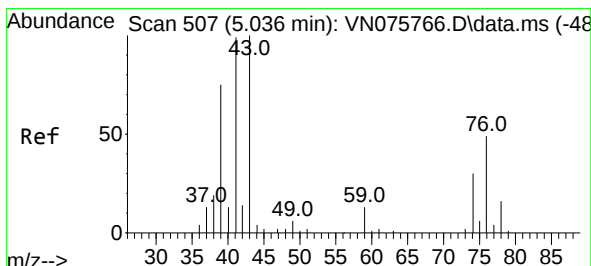
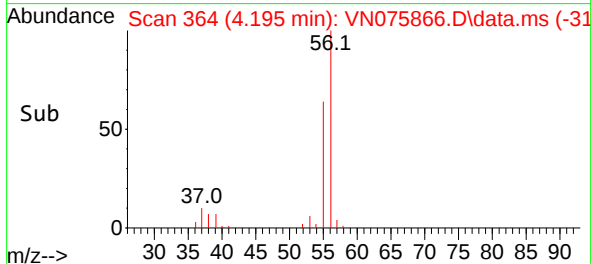
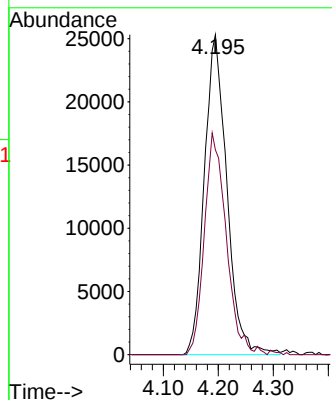
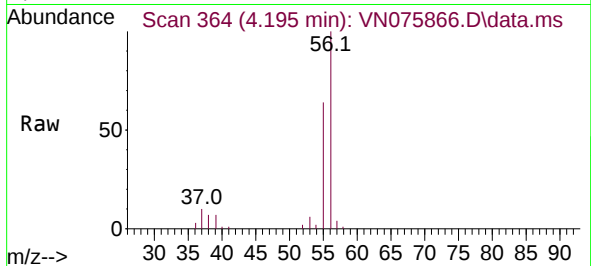
#13
Acrolein
Concen: 119.010 ug/l
RT: 4.195 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 56 Resp: 71823
Ion Ratio Lower Upper
56 100
55 66.9 54.8 82.2

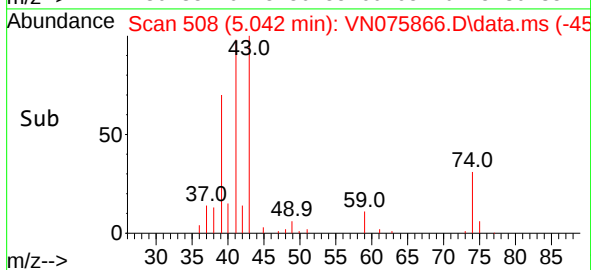
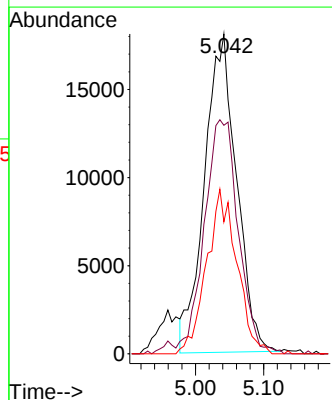
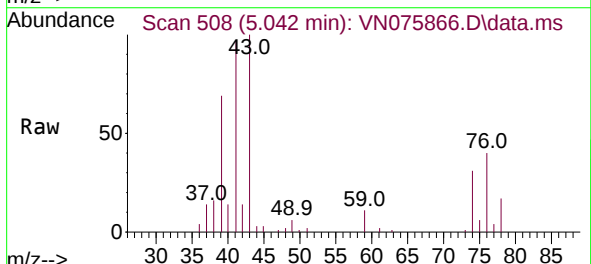
Manual Integrations
APPROVED

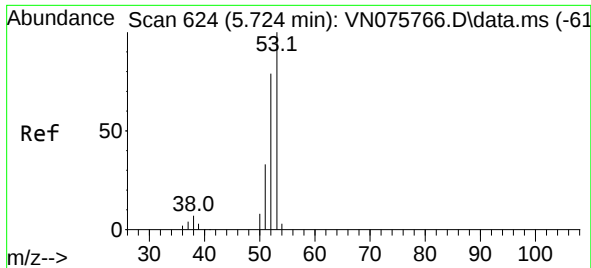
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#14
Allyl chloride
Concen: 17.783 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

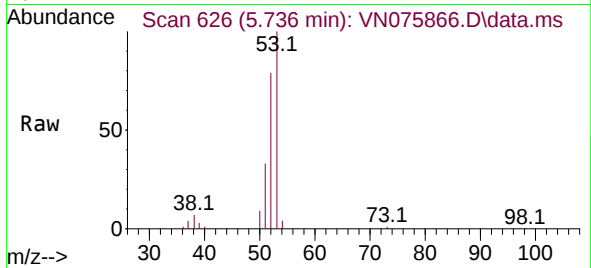
Tgt Ion: 41 Resp: 58919
Ion Ratio Lower Upper
41 100
39 78.0 58.3 87.5
76 48.7 35.8 53.6





#15
Acrylonitrile
Concen: 91.706 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

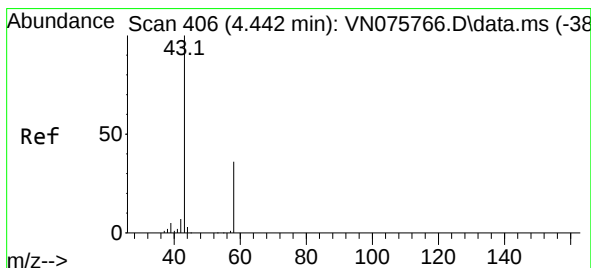
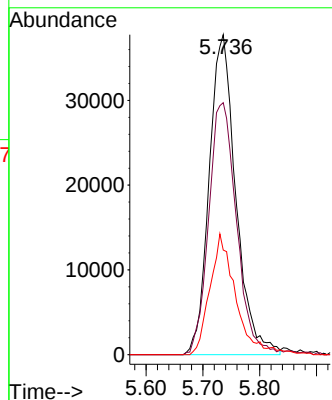
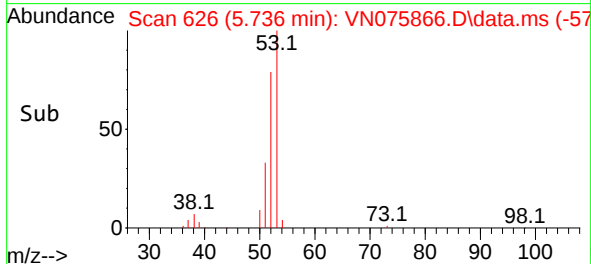
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 53 Resp: 123195
Ion Ratio Lower Upper
53 100
52 82.1 65.4 98.0
51 35.4 28.9 43.3

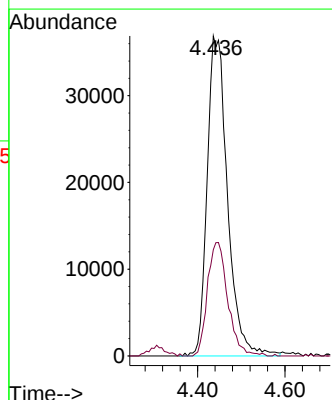
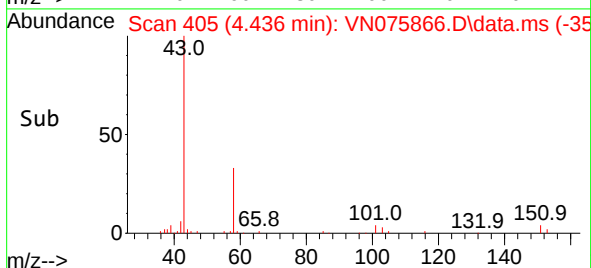
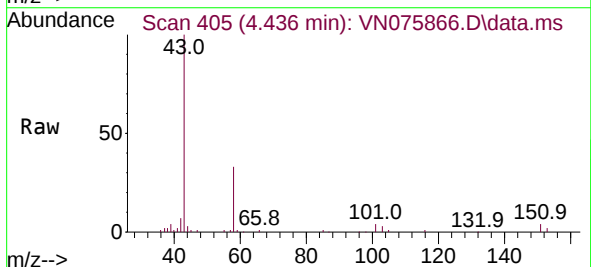
Manual Integrations
APPROVED

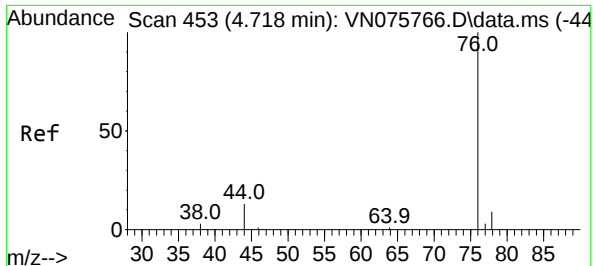
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
Acetone
Concen: 99.089 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 43 Resp: 118833
Ion Ratio Lower Upper
43 100
58 33.2 28.6 43.0





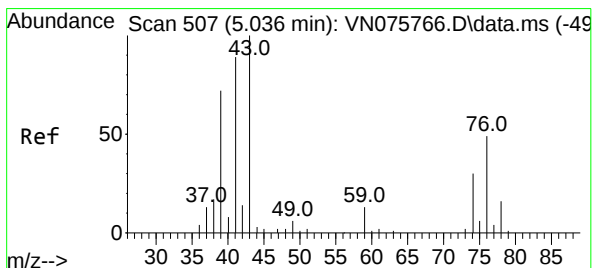
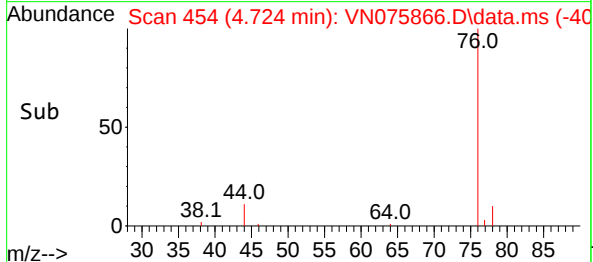
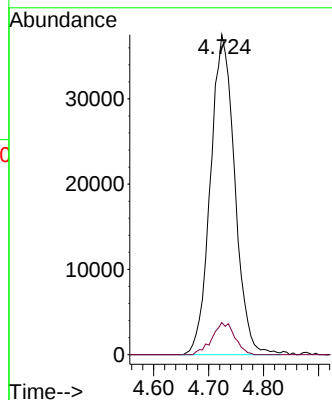
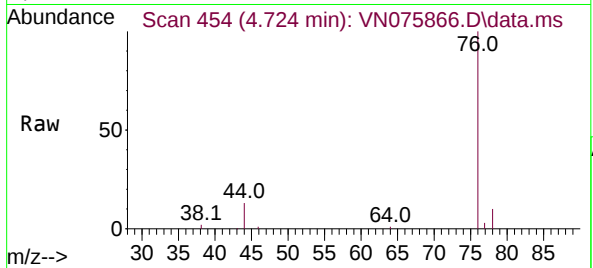
#17
Carbon Disulfide
Concen: 16.812 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 76 Resp: 115364
Ion Ratio Lower Upper
76 100
78 10.0 6.8 10.2

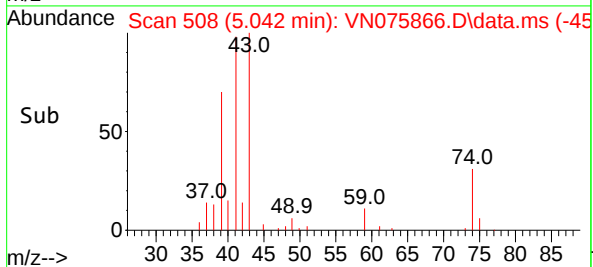
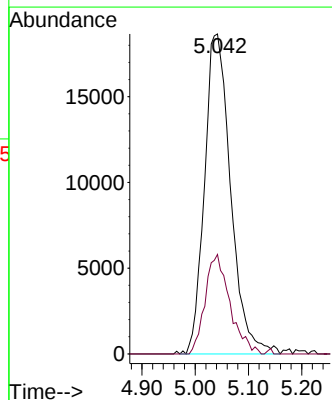
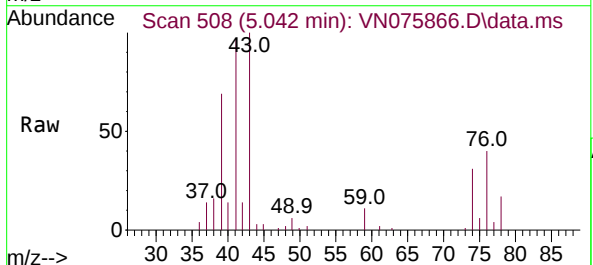
Manual Integrations
APPROVED

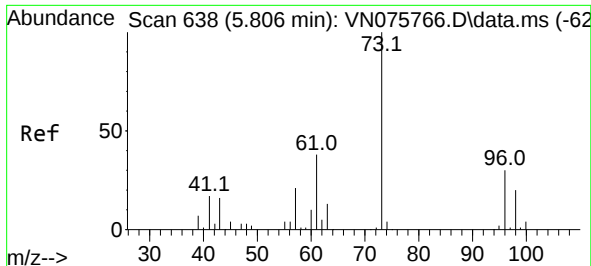
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#18
Methyl Acetate
Concen: 17.964 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 43 Resp: 63681
Ion Ratio Lower Upper
43 100
74 29.3 23.6 35.4





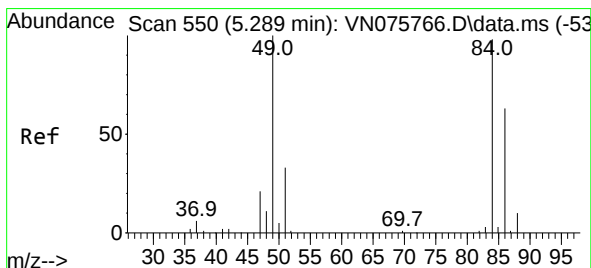
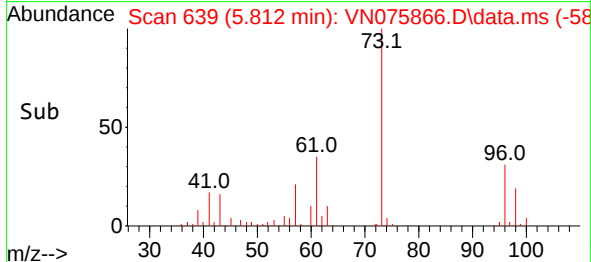
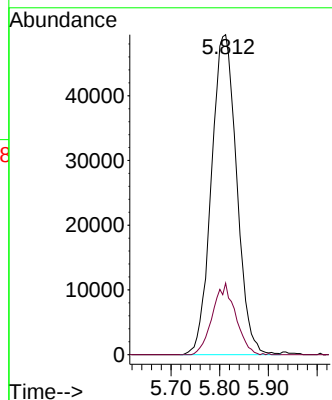
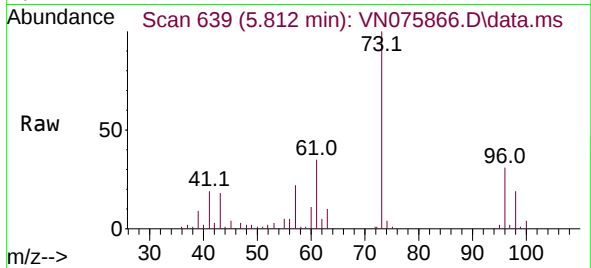
#19
Methyl tert-butyl Ether
Concen: 19.048 ug/l
RT: 5.812 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 73 Resp: 177780
Ion Ratio Lower Upper
73 100
57 22.3 17.1 25.7

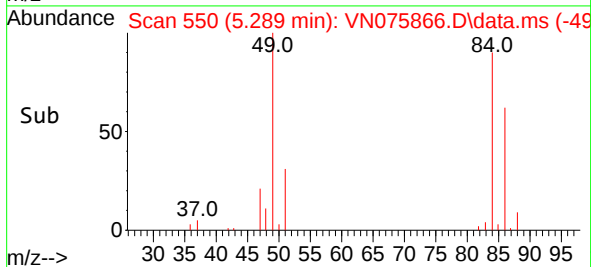
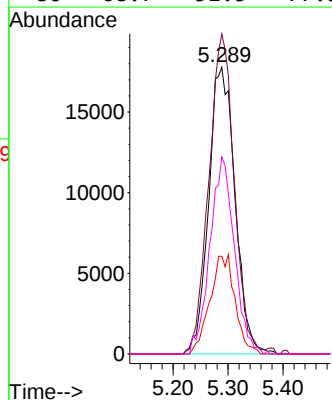
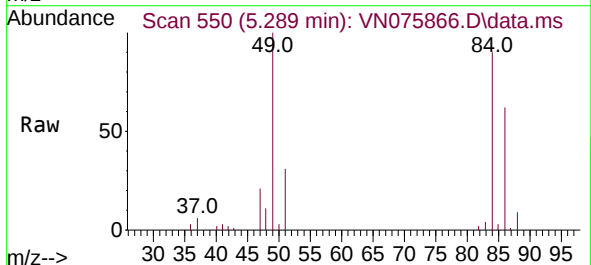
Manual Integrations
APPROVED

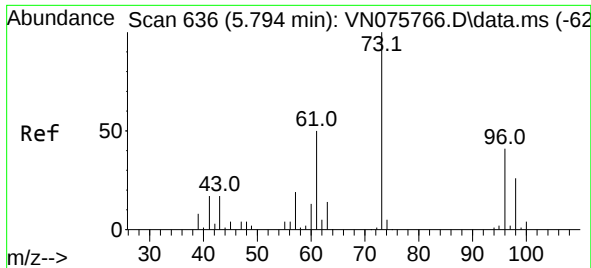
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 18.015 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 84 Resp: 59107
Ion Ratio Lower Upper
84 100
49 111.7 81.8 122.6
51 34.1 26.7 40.1
86 68.7 51.5 77.3





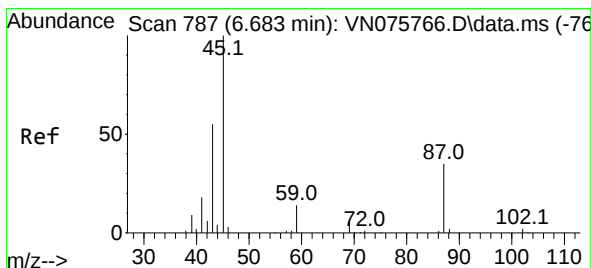
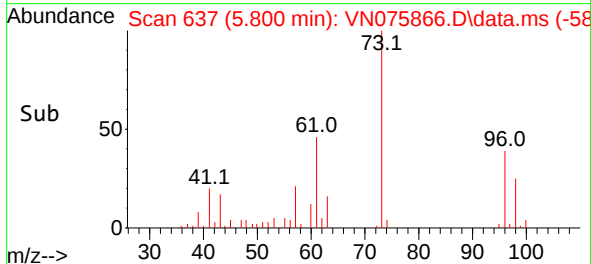
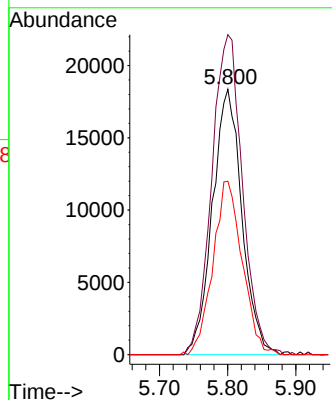
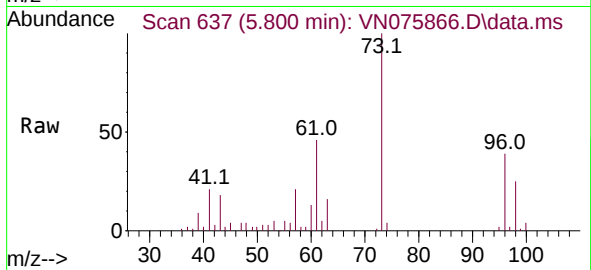
#21
trans-1,2-Dichloroethene
Concen: 17.711 ug/l
RT: 5.800 min Scan# 636
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 96 Resp: 54973
Ion Ratio Lower Upper
96 100
61 120.6 98.1 147.1
98 65.3 51.4 77.2

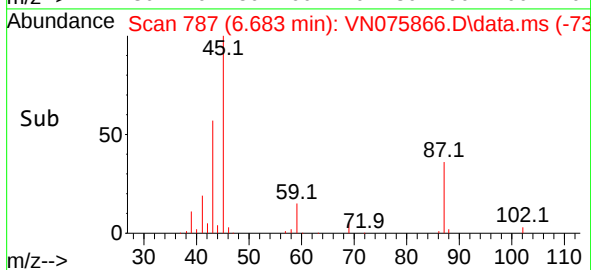
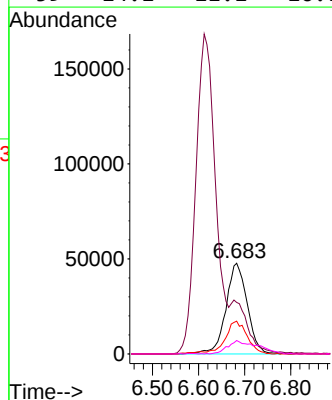
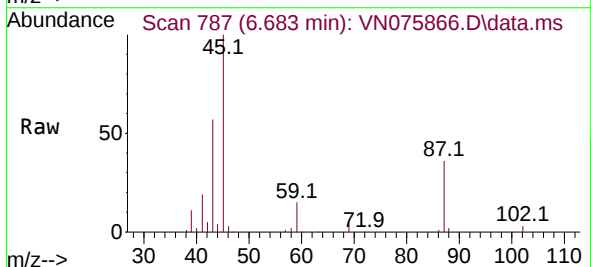
Manual Integrations
APPROVED

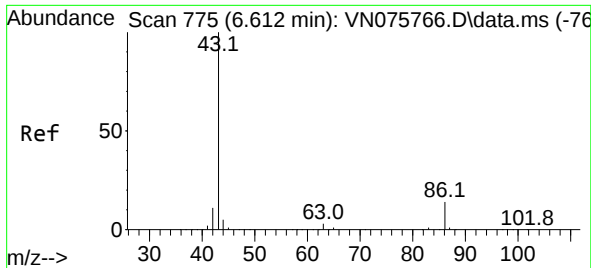
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#22
Diisopropyl ether
Concen: 19.031 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 45 Resp: 153175
Ion Ratio Lower Upper
45 100
43 54.7 44.2 66.4
87 36.1 28.3 42.5
59 14.1 11.1 16.7





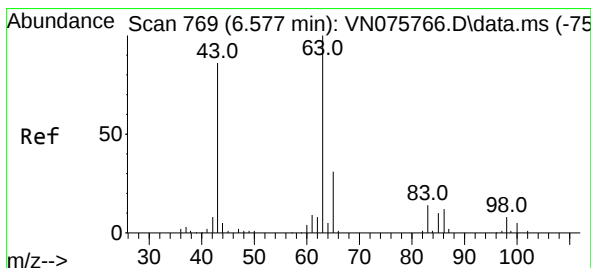
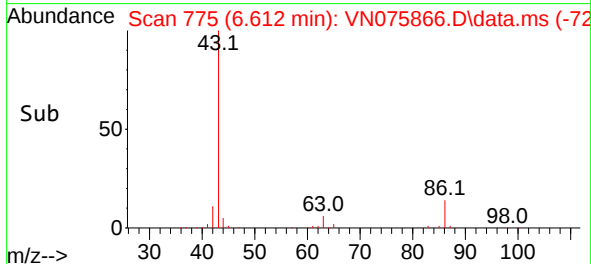
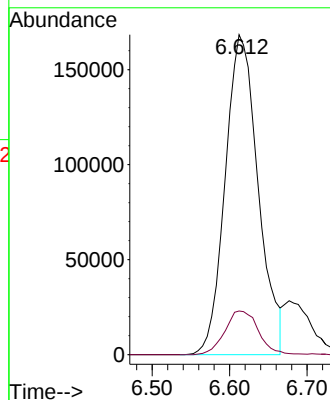
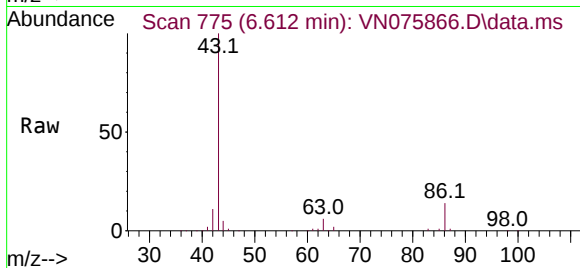
#23
 Vinyl Acetate
 Concen: 92.108 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Tgt Ion: 43 Resp: 498976
 Ion Ratio Lower Upper
 43 100
 86 13.6 11.4 17.2

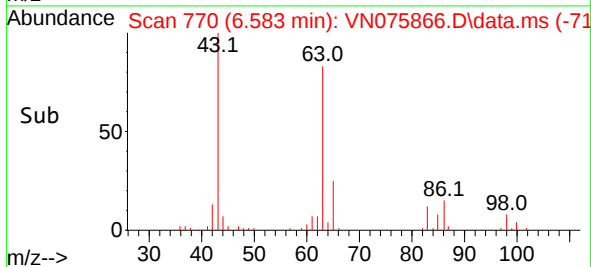
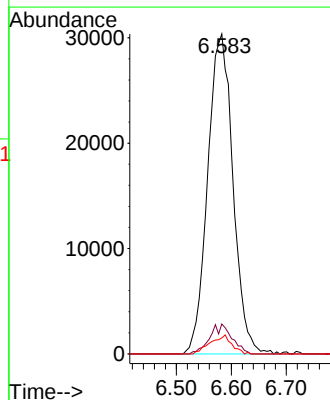
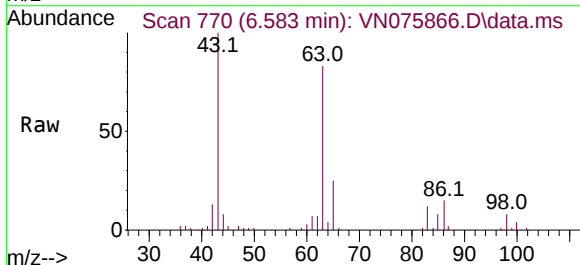
Manual Integrations
 APPROVED

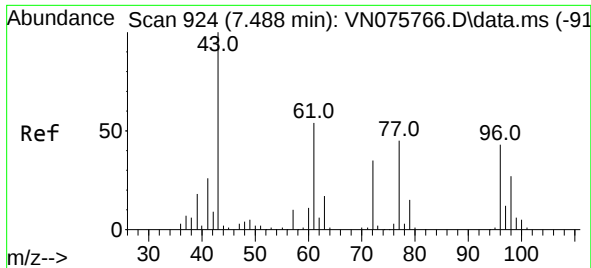
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 18.069 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

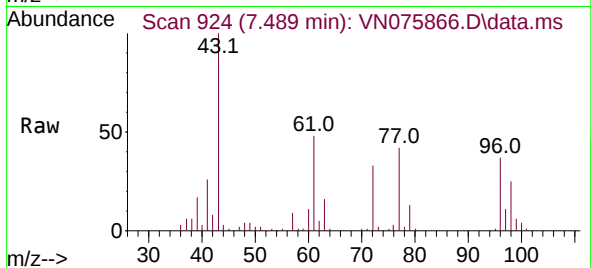
Tgt Ion: 63 Resp: 96987
 Ion Ratio Lower Upper
 63 100
 98 9.3 3.9 11.5
 100 5.0 2.5 7.6





#25
2-Butanone
Concen: 96.816 ug/l
RT: 7.489 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

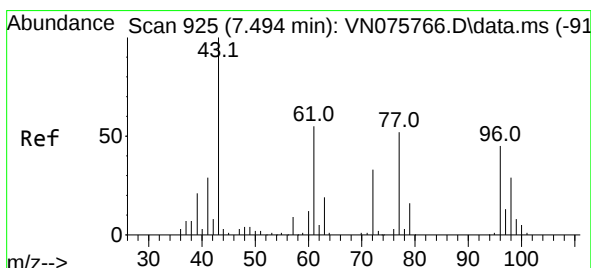
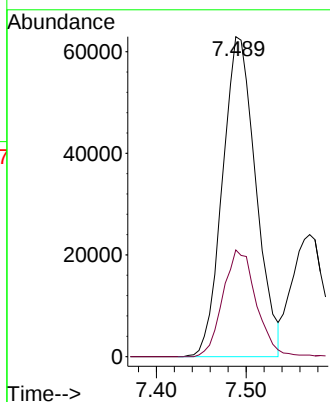
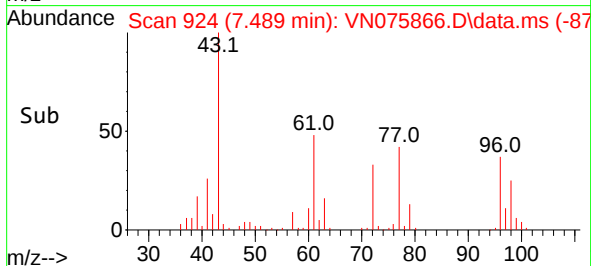
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 43 Resp: 162572
Ion Ratio Lower Upper
43 100
72 33.3 28.0 42.0

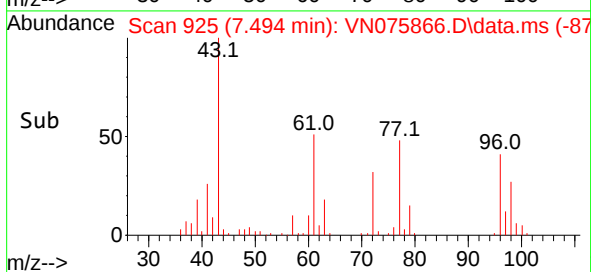
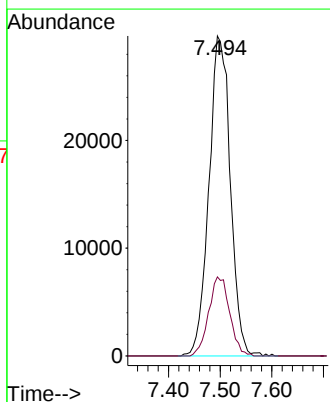
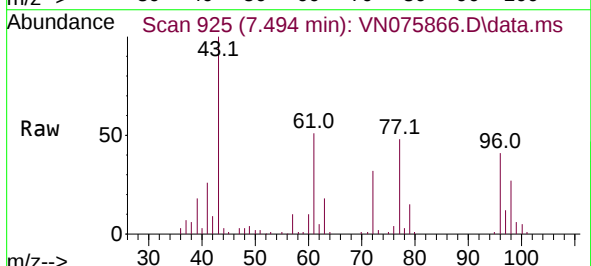
Manual Integrations
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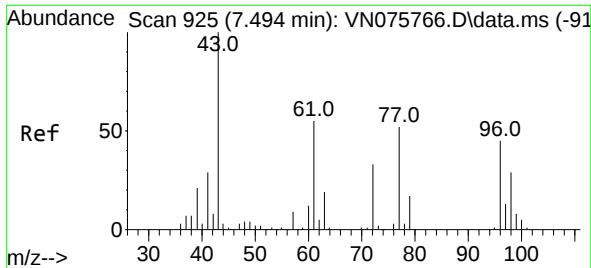
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#26
2,2-Dichloropropane
Concen: 18.840 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

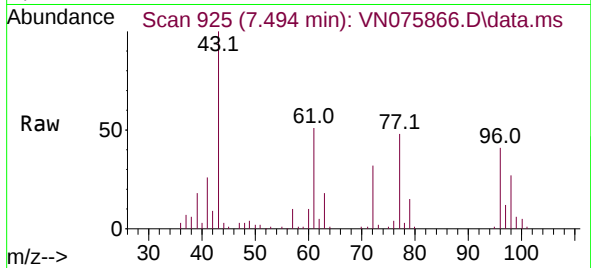
Tgt Ion: 77 Resp: 85641
Ion Ratio Lower Upper
77 100
97 24.2 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.275 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

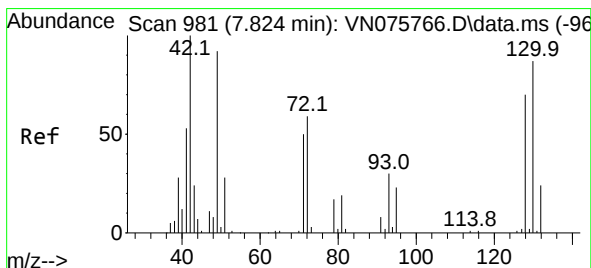
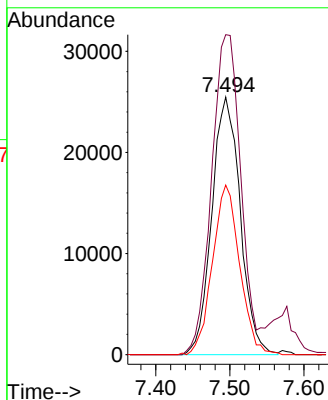
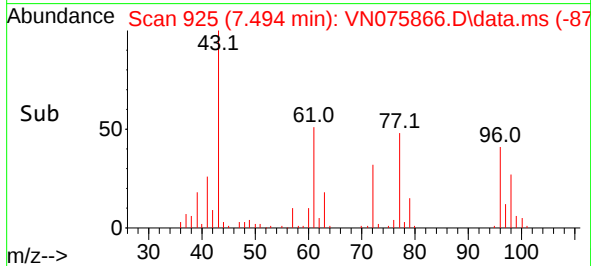
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01



Tgt Ion: 96 Resp: 67840
 Ion Ratio Lower Upper
 96 100
 61 129.5 0.0 247.8
 98 63.1 0.0 128.4

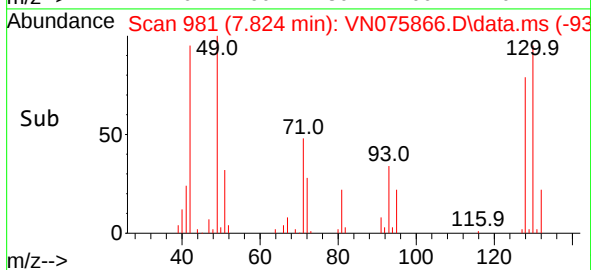
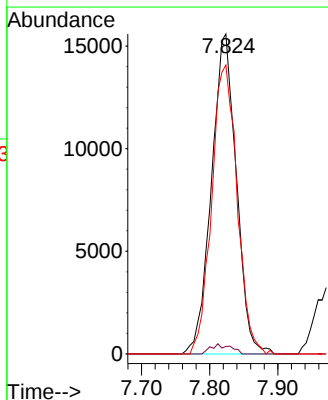
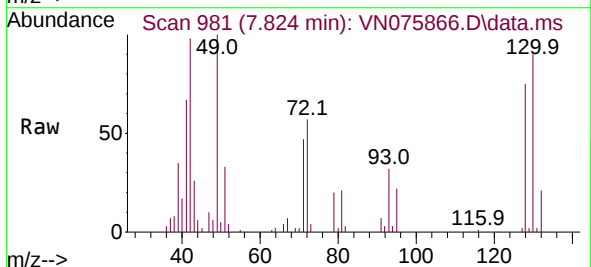
Manual Integrations
 APPROVED

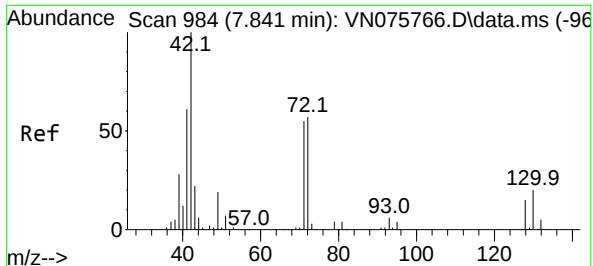
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#28
 Bromochloromethane
 Concen: 16.746 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

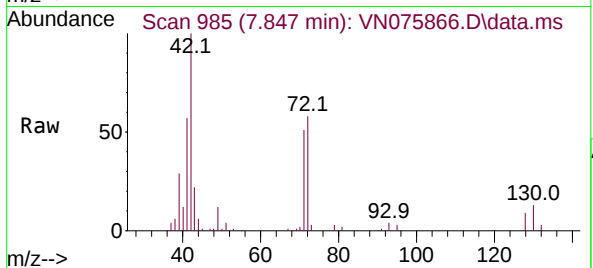
Tgt Ion: 49 Resp: 39398
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 5.0
 130 92.4 77.0 115.4





#29
Tetrahydrofuran
Concen: 96.604 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

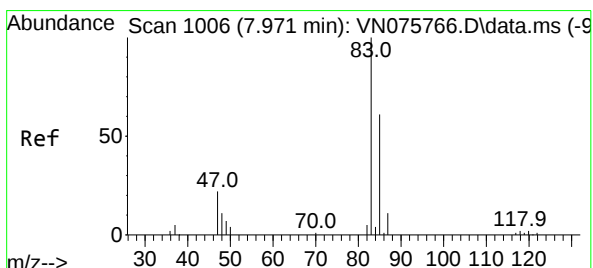
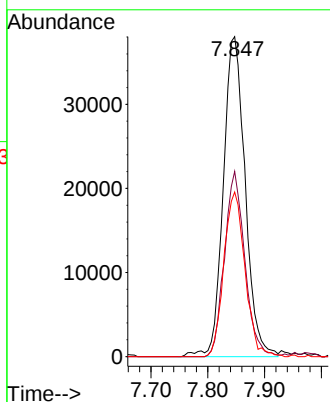
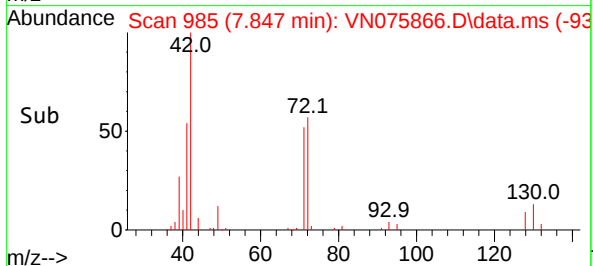
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 42 Resp: 101656
Ion Ratio Lower Upper
42 100
72 53.8 44.5 66.7
71 49.8 41.0 61.6

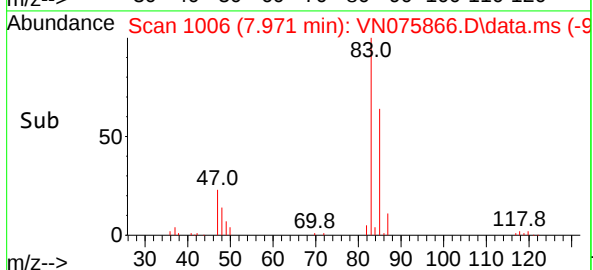
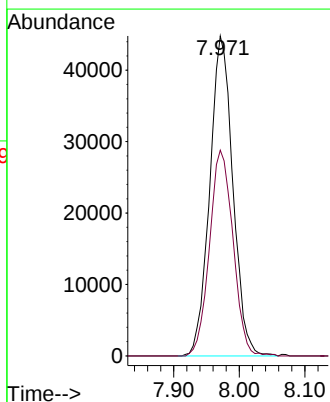
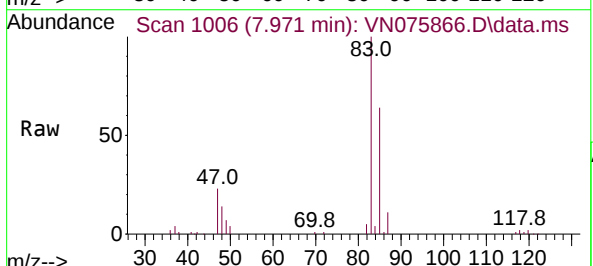
Manual Integrations
APPROVED

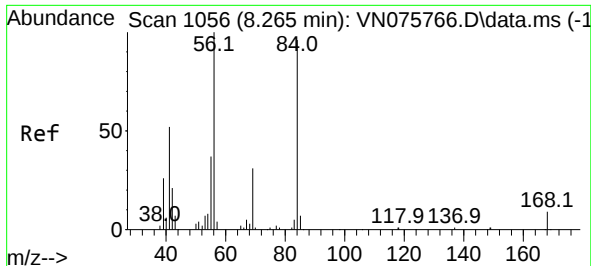
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#30
Chloroform
Concen: 18.171 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

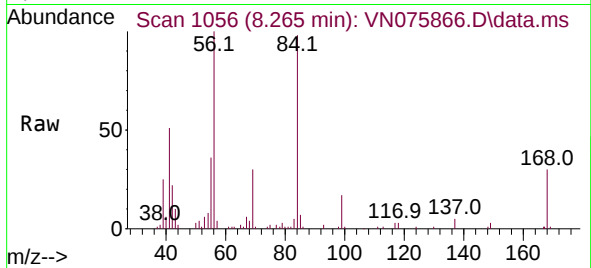
Tgt Ion: 83 Resp: 109820
Ion Ratio Lower Upper
83 100
85 64.3 49.1 73.7





#31
Cyclohexane
Concen: 17.766 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

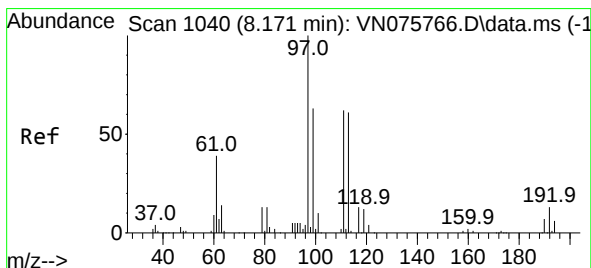
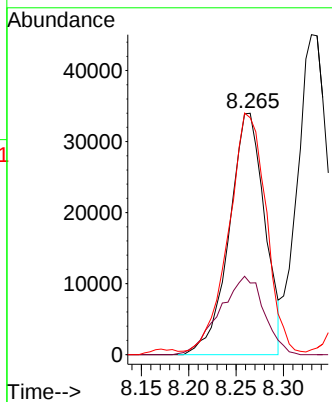
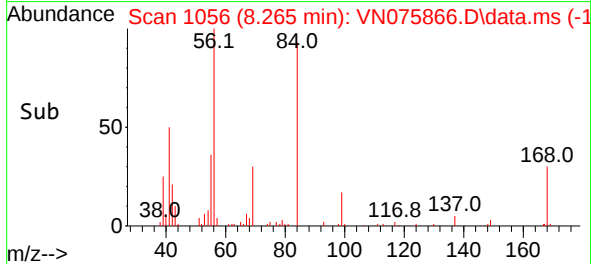
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



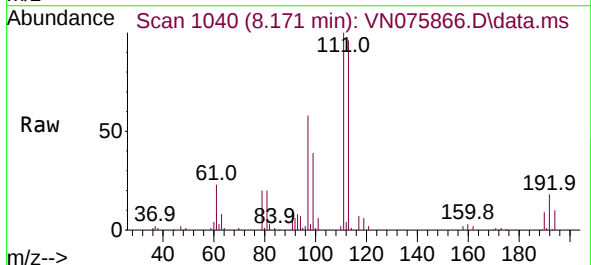
Tgt Ion: 56 Resp: 88520
Ion Ratio Lower Upper
56 100
69 29.2 24.7 37.1
84 96.8 76.5 114.7

Manual Integrations
APPROVED

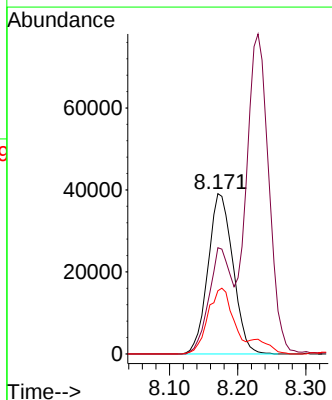
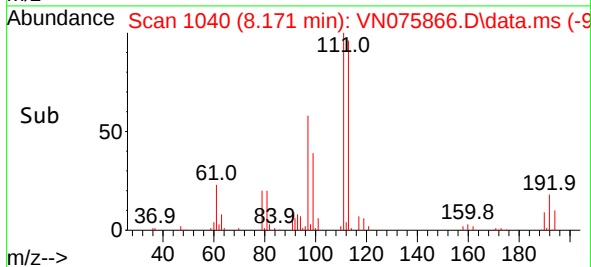
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

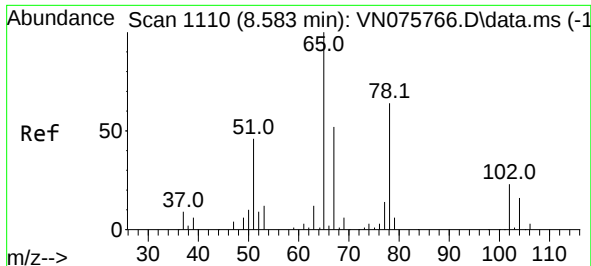


#32
1,1,1-Trichloroethane
Concen: 18.493 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion: 97 Resp: 99082
Ion Ratio Lower Upper
97 100
99 59.2 50.2 75.2
61 41.6 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.209 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 65 Resp: 171194

Ion Ratio Lower Upper

65 100

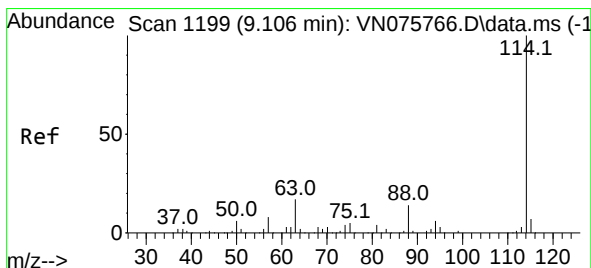
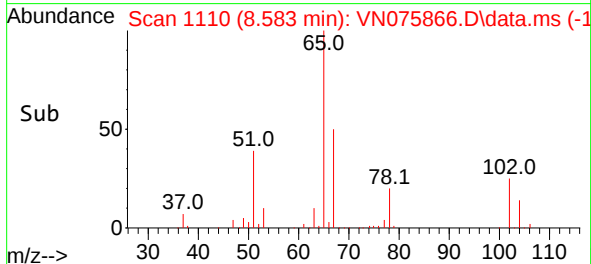
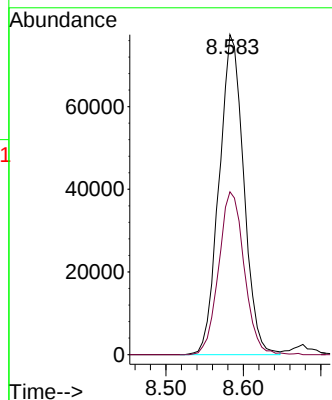
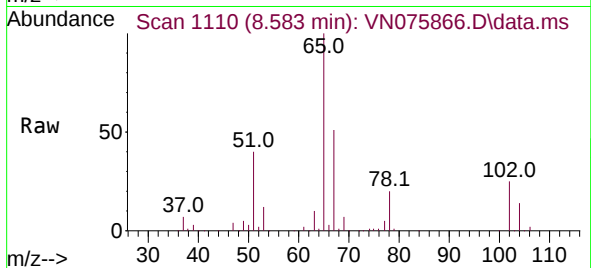
67 52.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

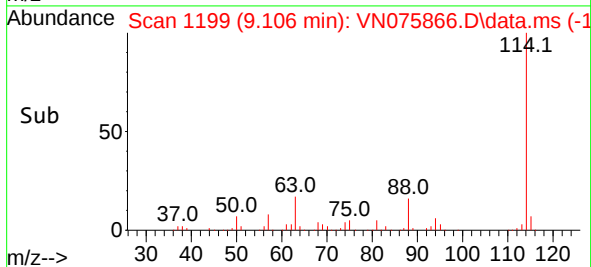
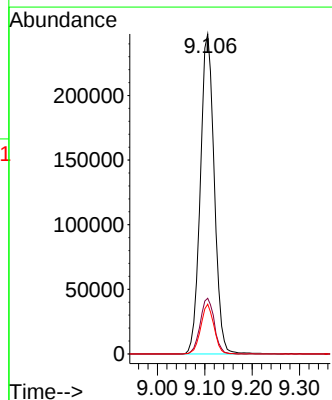
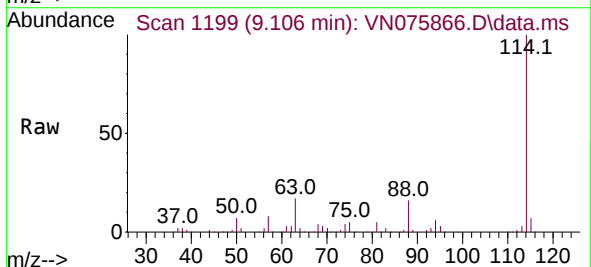
Tgt Ion:114 Resp: 505712

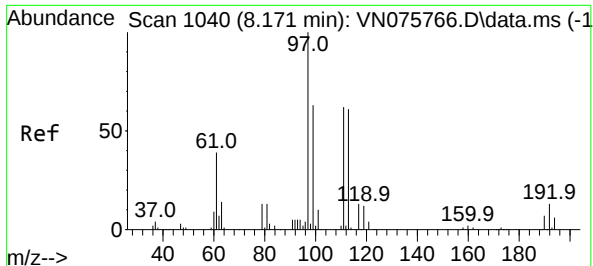
Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 15.5 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.748 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion:113 Resp: 15580

Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

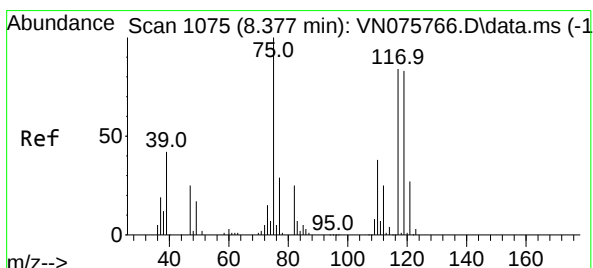
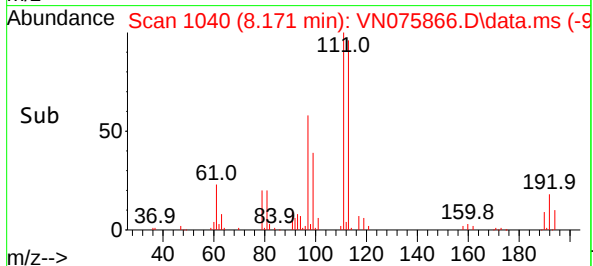
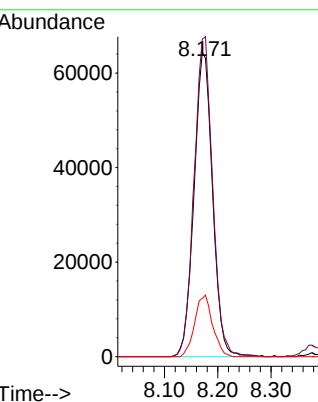
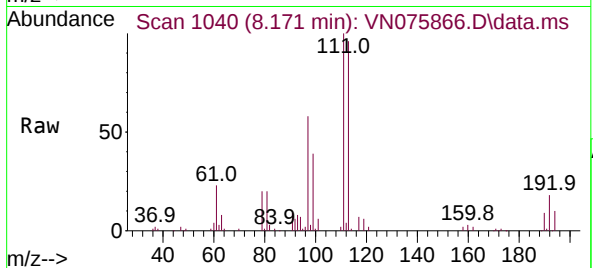
192 19.5 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#36

1,1-Dichloropropene

Concen: 18.817 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

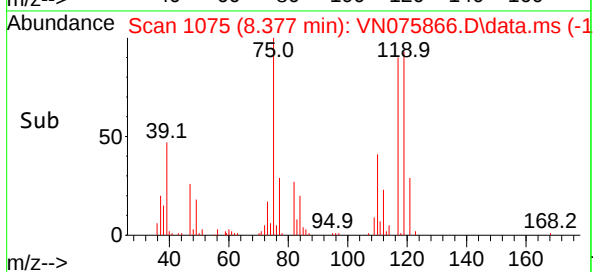
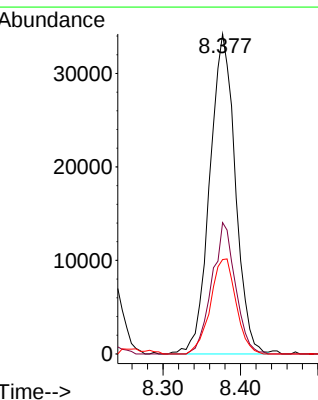
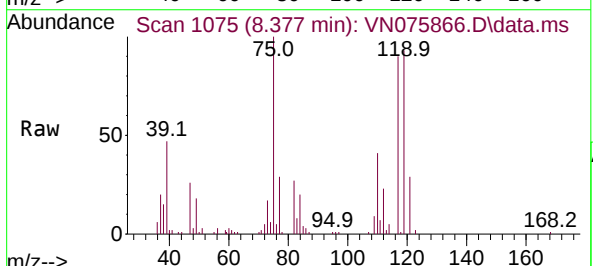
Tgt Ion: 75 Resp: 78282

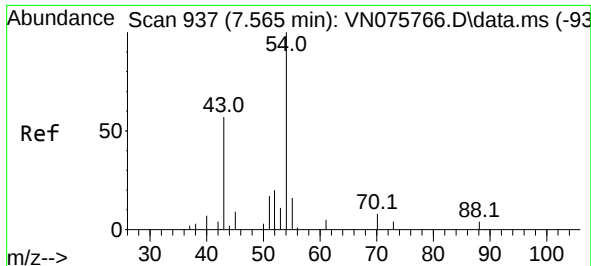
Ion Ratio Lower Upper

75 100

110 37.7 18.8 56.4

77 29.8 24.1 36.1





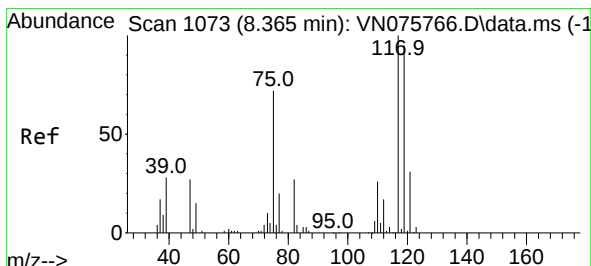
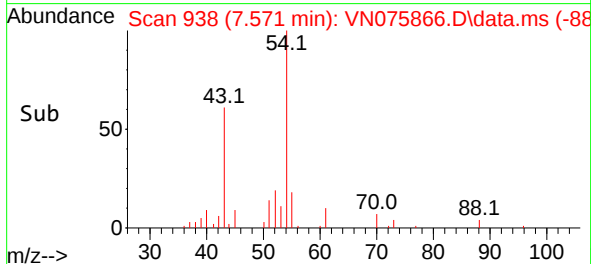
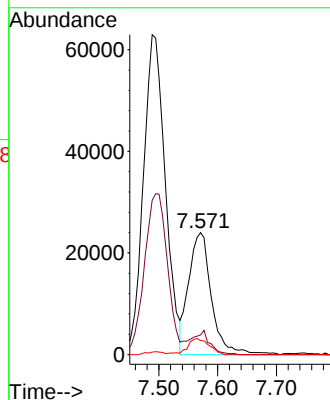
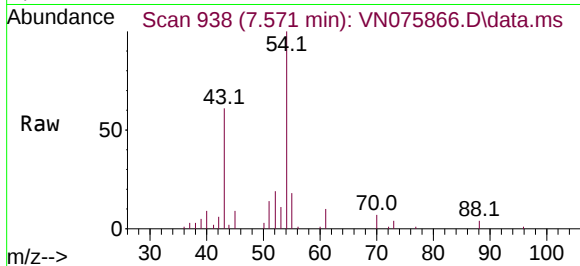
#37
Ethyl Acetate
Concen: 19.396 ug/l
RT: 7.571 min Scan# 937
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 43 Resp: 64815
Ion Ratio Lower Upper
43 100
61 14.6 13.0 19.4
70 12.3 9.4 14.0

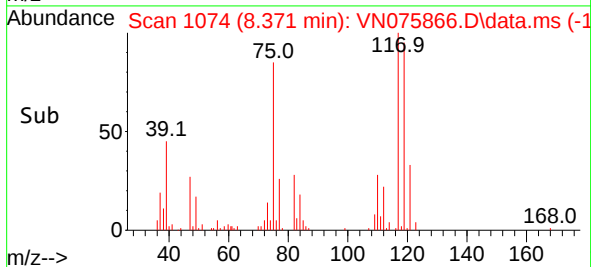
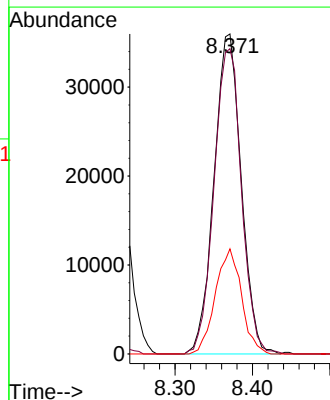
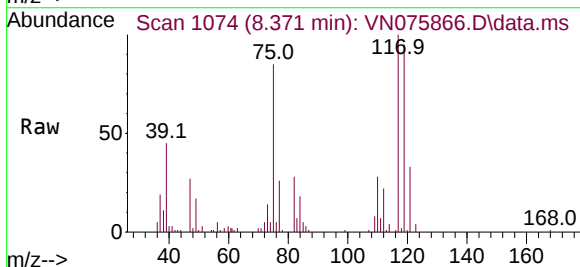
Manual Integrations
APPROVED

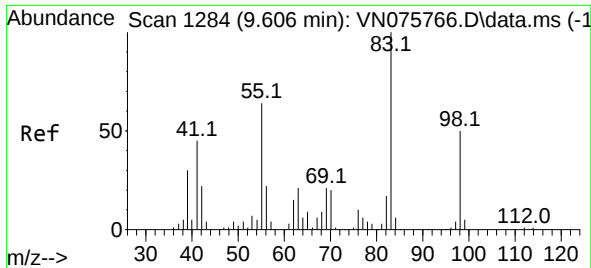
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#38
Carbon Tetrachloride
Concen: 18.839 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

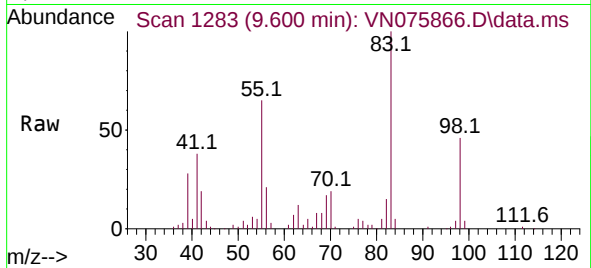
Tgt Ion:117 Resp: 87722
Ion Ratio Lower Upper
117 100
119 95.4 76.1 114.1
121 32.8 24.5 36.7





#39
Methylcyclohexane
Concen: 19.720 ug/l
RT: 9.600 min Scan# 11283
Delta R.T. -0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

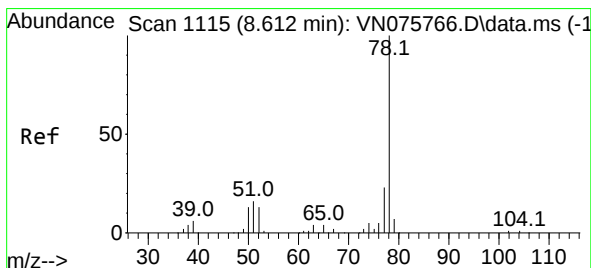
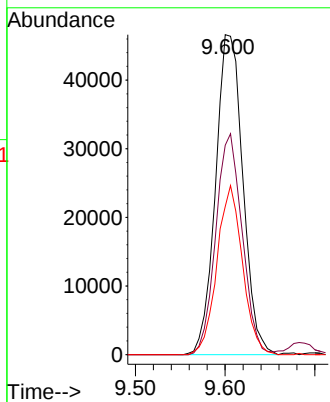
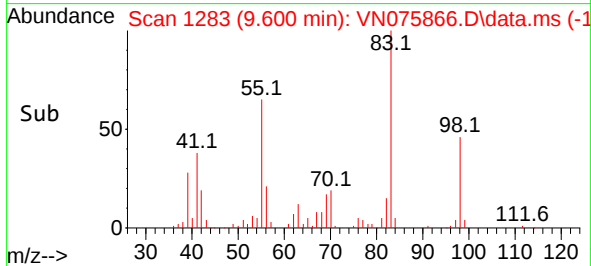
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 83 Resp: 98974
Ion Ratio Lower Upper
83 100
55 65.4 51.4 77.0
98 46.3 39.8 59.8

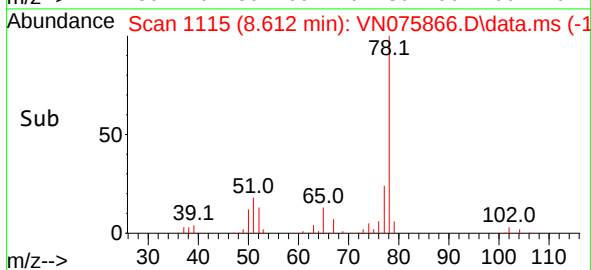
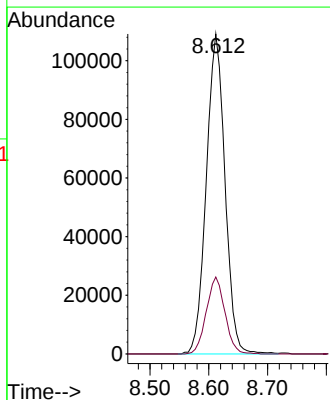
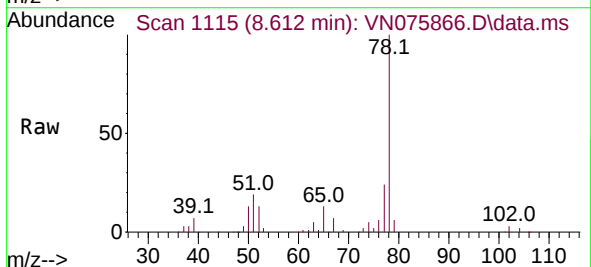
Manual Integrations
APPROVED

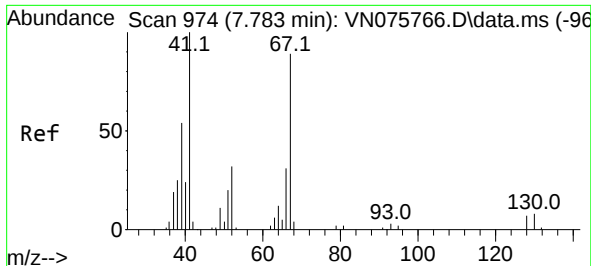
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40
Benzene
Concen: 18.798 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

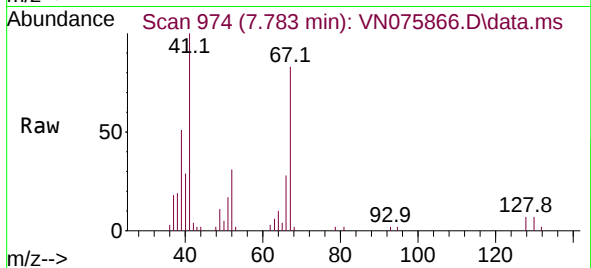
Tgt Ion: 78 Resp: 241287
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7





#41
Methacrylonitrile
Concen: 19.185 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

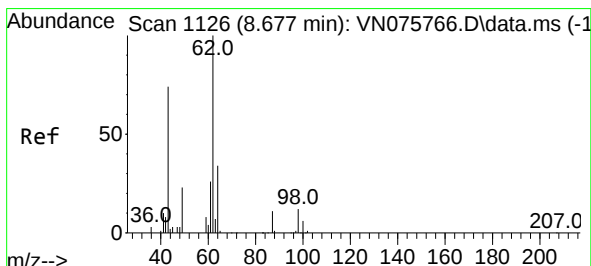
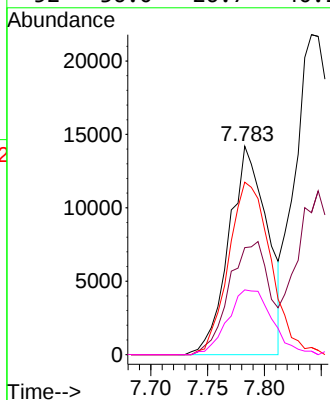
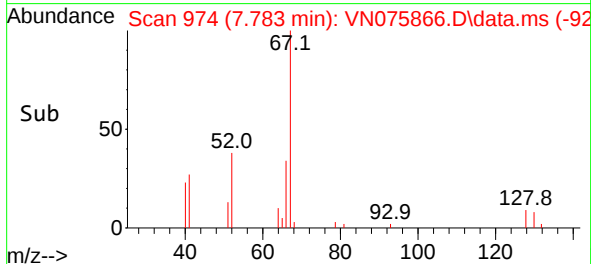
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 41 Resp: 33324
Ion Ratio Lower Upper
41 100
39 57.0 43.1 64.7
67 91.2 70.7 106.1
52 36.0 26.7 40.1

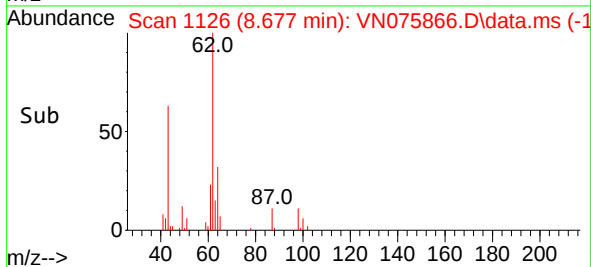
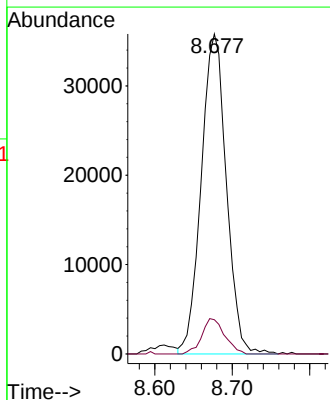
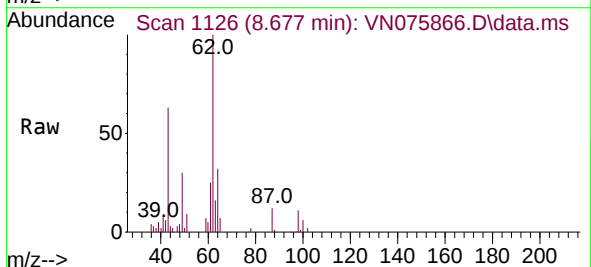
Manual Integrations
APPROVED

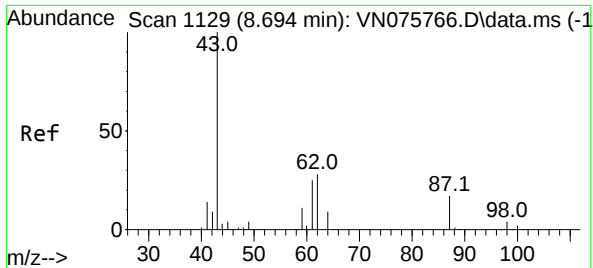
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
1,2-Dichloroethane
Concen: 18.894 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

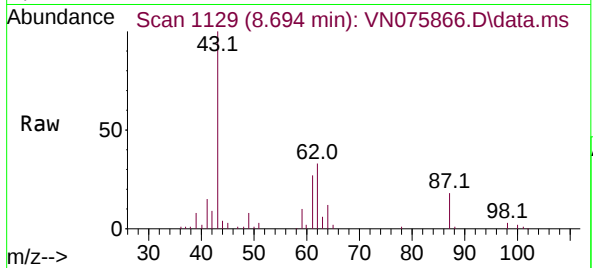
Tgt Ion: 62 Resp: 80629
Ion Ratio Lower Upper
62 100
98 10.0 0.0 20.8





#43
Isopropyl Acetate
Concen: 19.311 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

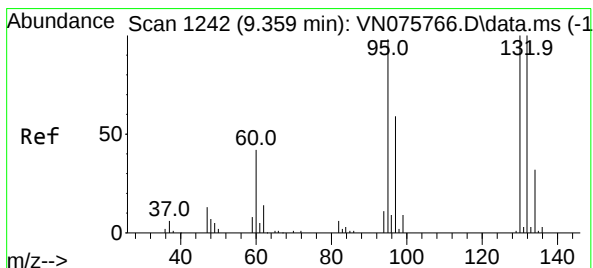
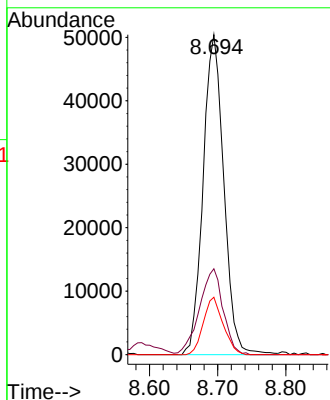
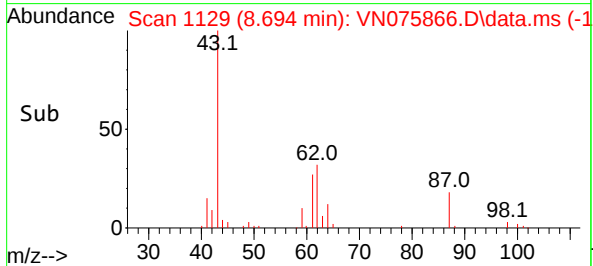
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



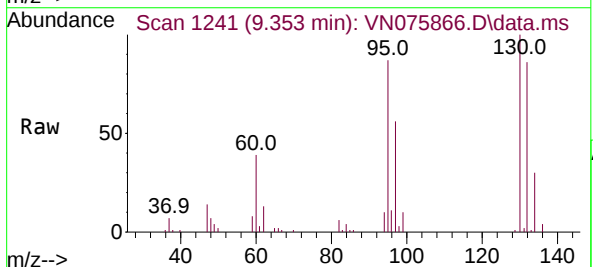
Tgt Ion: 43 Resp: 106449
Ion Ratio Lower Upper
43 100
61 30.6 24.2 36.4
87 17.1 13.3 19.9

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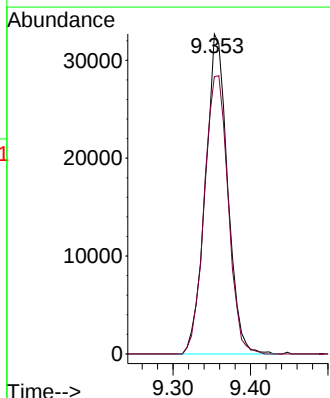
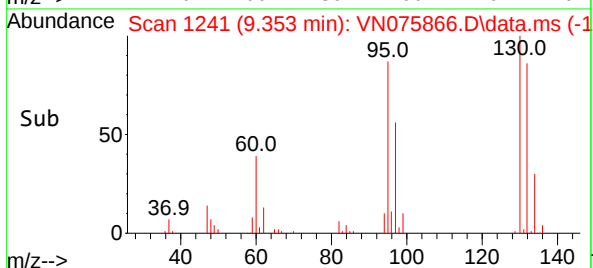
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

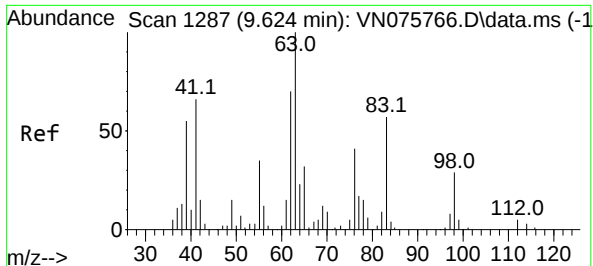


#44
Trichloroethene
Concen: 18.025 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion:130 Resp: 65180
Ion Ratio Lower Upper
130 100
95 86.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 18.924 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 63 Resp: 59109

Ion Ratio Lower Upper

63 100

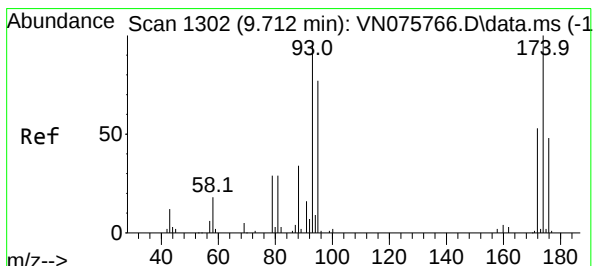
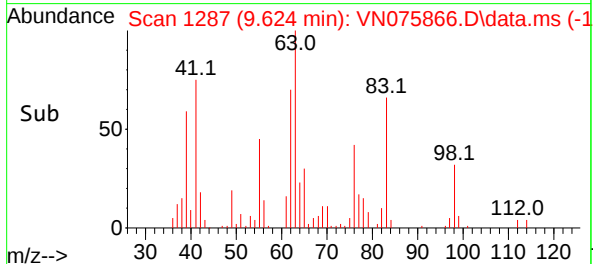
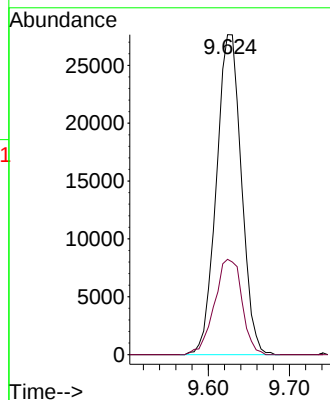
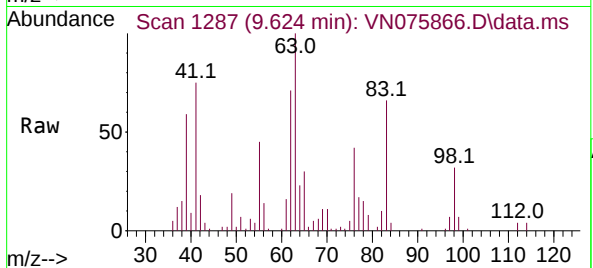
65 29.8 25.7 38.5

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

Dibromomethane

Concen: 18.210 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

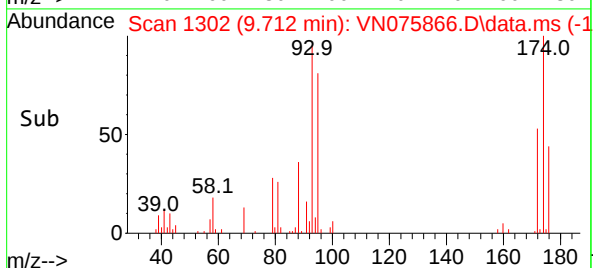
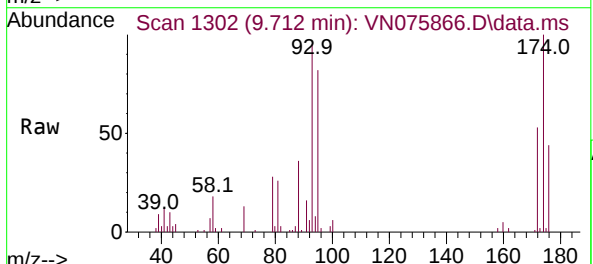
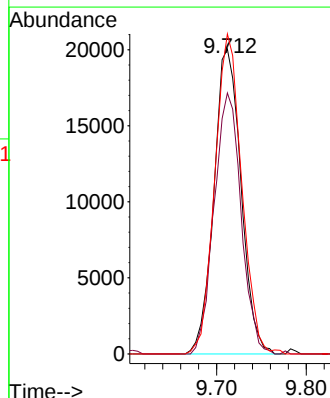
Tgt Ion: 93 Resp: 42189

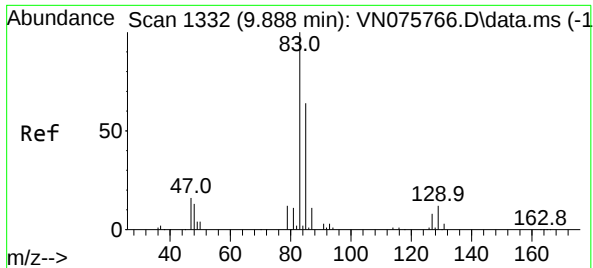
Ion Ratio Lower Upper

93 100

95 85.1 65.2 97.8

174 104.0 82.4 123.6





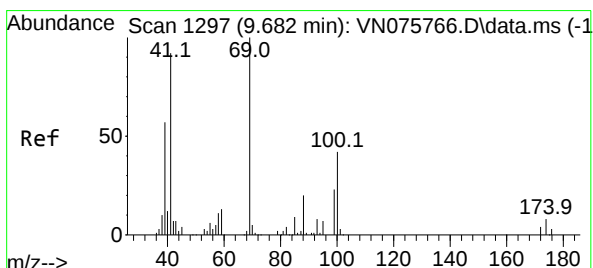
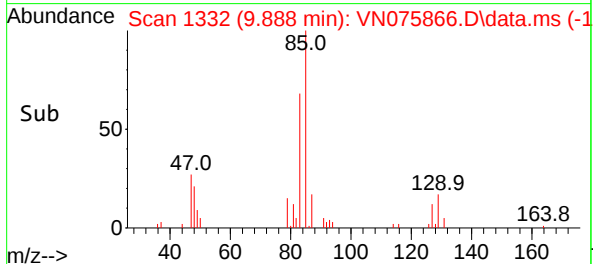
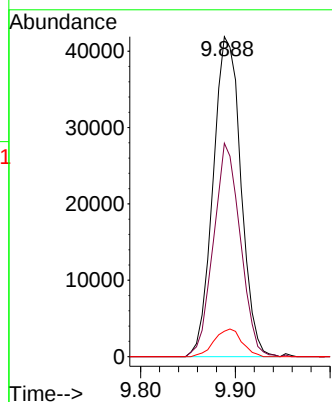
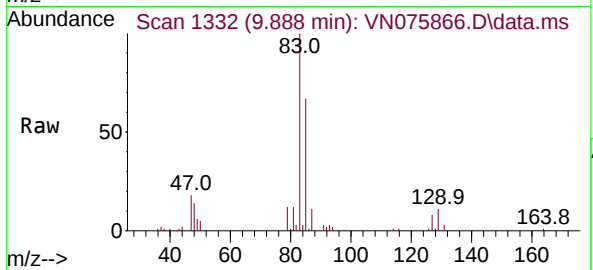
#47
Bromodichloromethane
Concen: 18.791 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 83 Resp: 85372
Ion Ratio Lower Upper
83 100
85 66.7 51.5 77.3
127 7.9 6.6 10.0

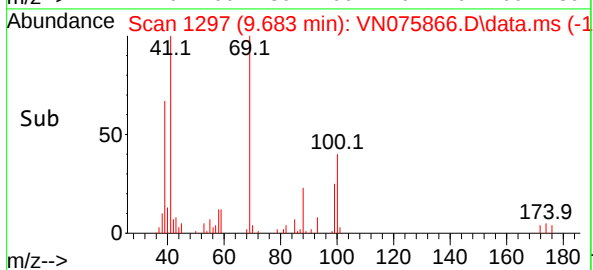
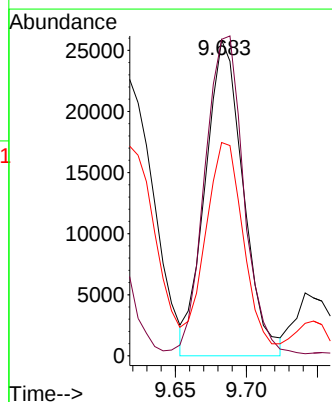
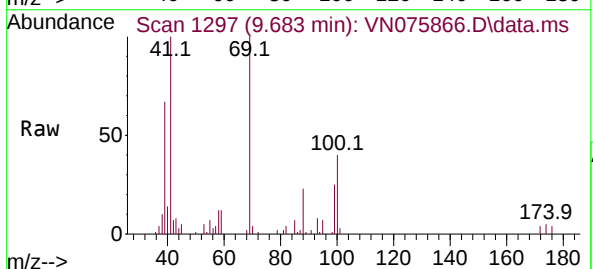
Manual Integrations
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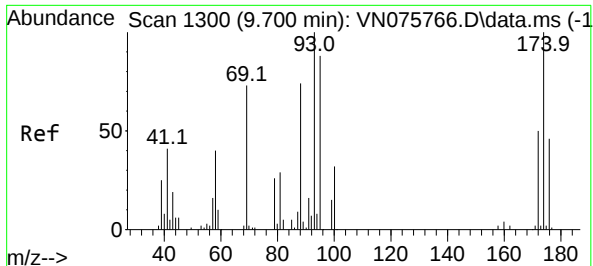
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Methyl methacrylate
Concen: 19.366 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 41 Resp: 48081
Ion Ratio Lower Upper
41 100
69 103.1 81.9 122.9
39 69.6 51.6 77.4





#49

1,4-Dioxane

Concen: 404.460 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion: 88 Resp: 2468

Ion Ratio Lower Upper

88 100

43 19.7 17.1 25.7

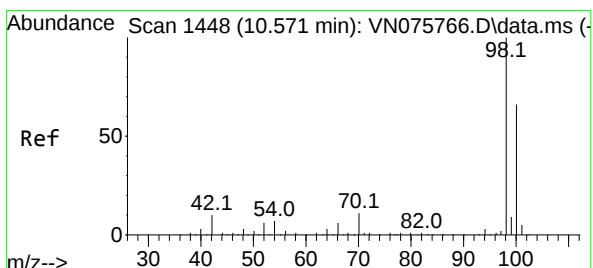
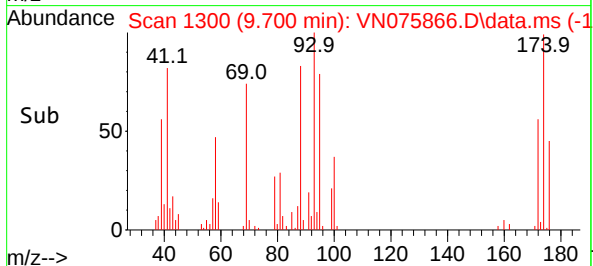
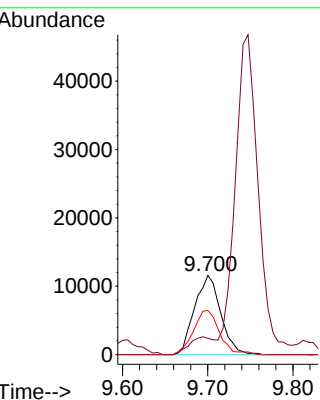
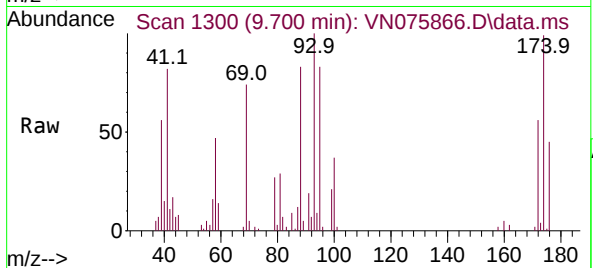
58 55.6 47.8 71.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#50

Toluene-d8

Concen: 50.093 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075866.D

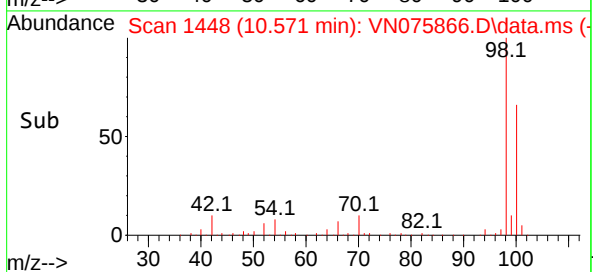
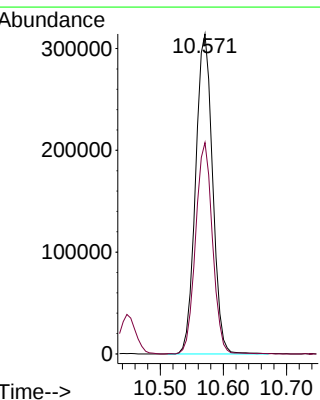
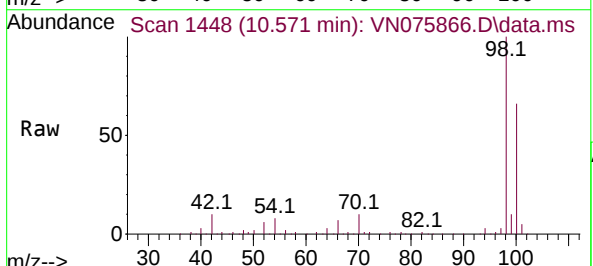
Acq: 19 Dec 2022 13:10

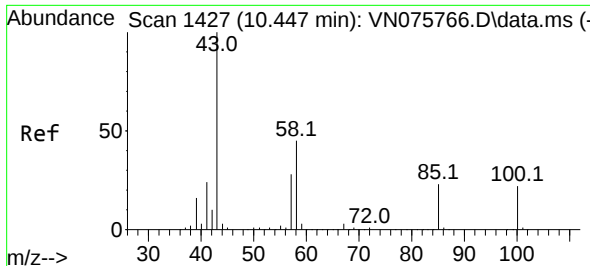
Tgt Ion: 98 Resp: 586561

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





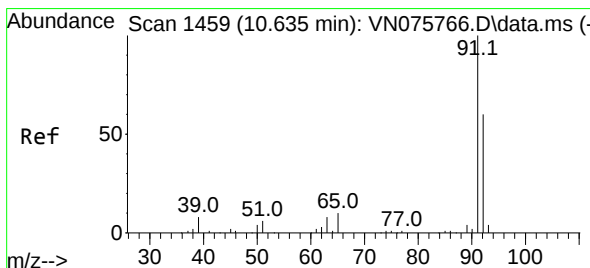
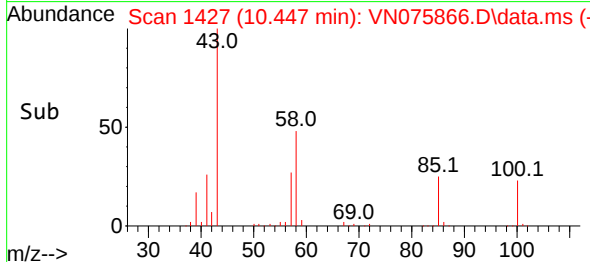
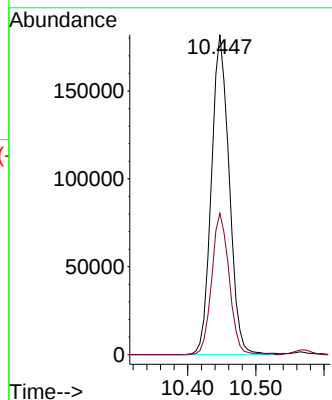
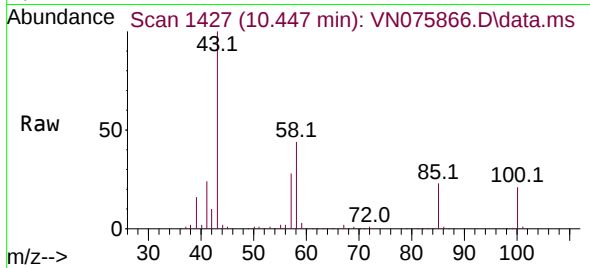
#51
4-Methyl-2-Pentanone
Concen: 98.882 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 43 Resp: 32964
Ion Ratio Lower Upper
43 100
58 43.2 35.5 53.3

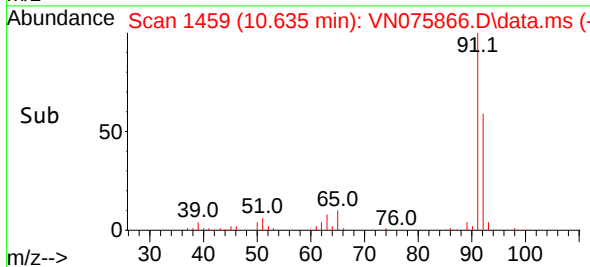
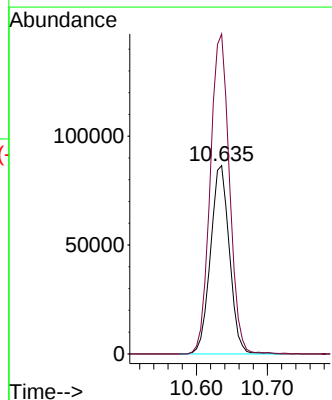
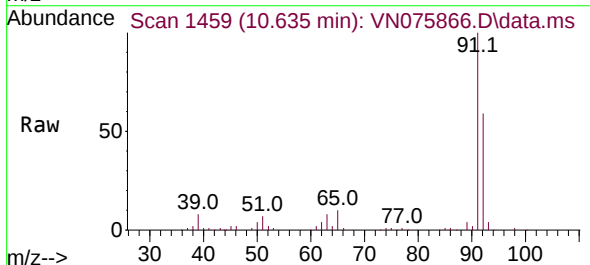
Manual Integrations
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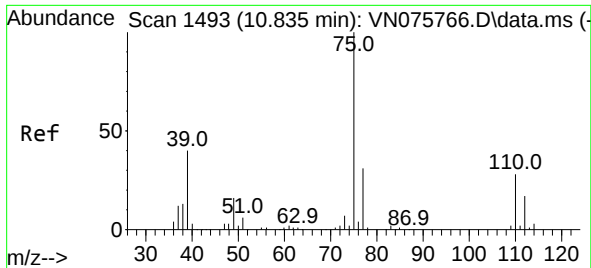
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Toluene
Concen: 19.079 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 92 Resp: 159495
Ion Ratio Lower Upper
92 100
91 173.0 137.3 205.9





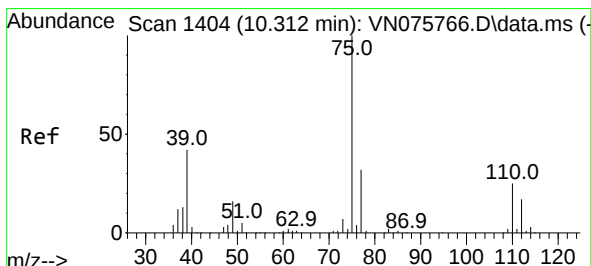
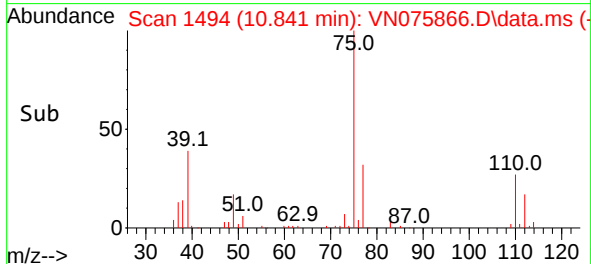
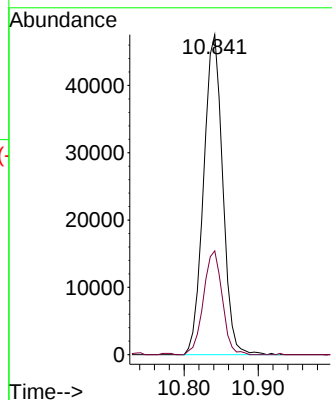
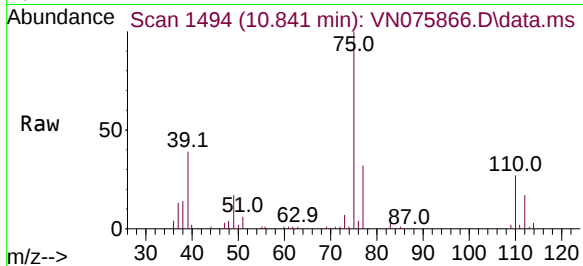
#53
t-1,3-Dichloropropene
Concen: 19.093 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 75 Resp: 84913
Ion Ratio Lower Upper
75 100
77 32.4 24.9 37.3

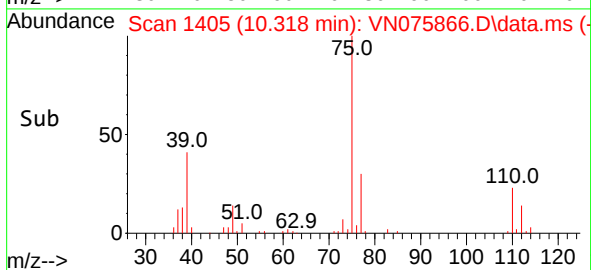
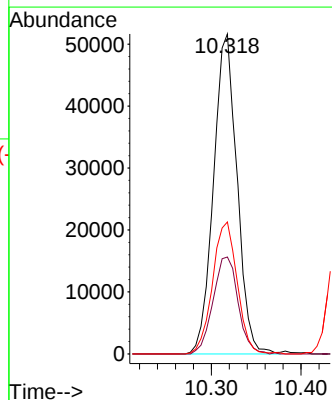
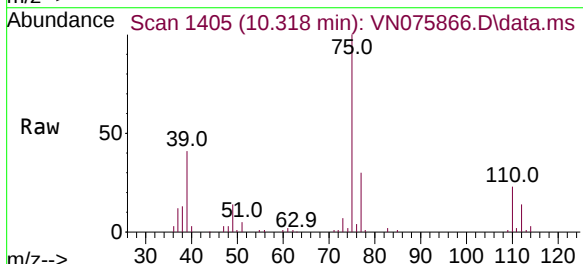
Manual Integrations
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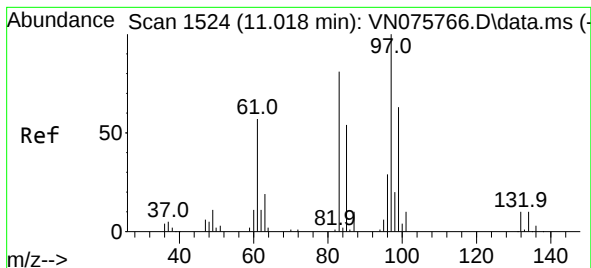
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#54
cis-1,3-Dichloropropene
Concen: 19.278 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 75 Resp: 94132
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8
39 41.2 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 19.306 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

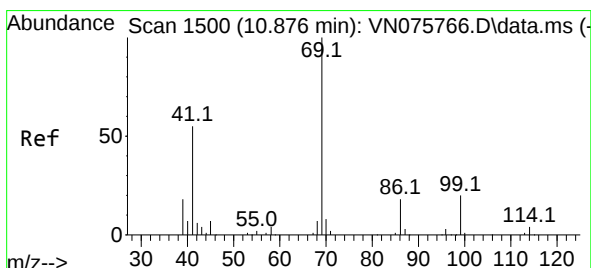
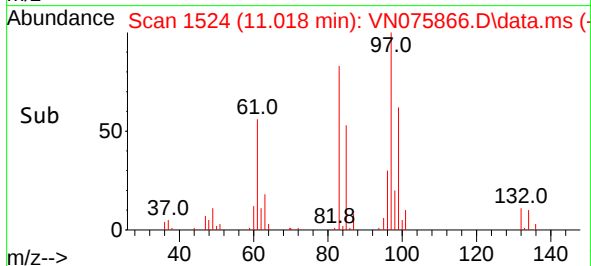
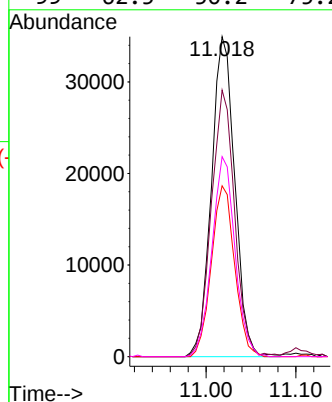
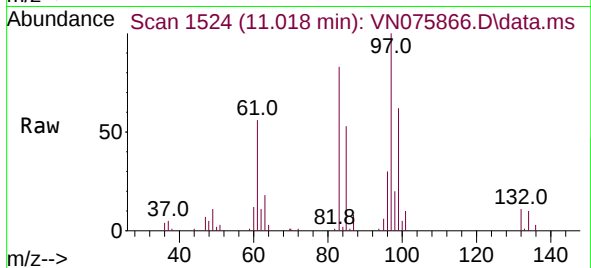
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 97 Resp: 6334

Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.0	97.4
85	53.4	43.0	64.6
99	62.5	50.2	75.2

Manual Integrations
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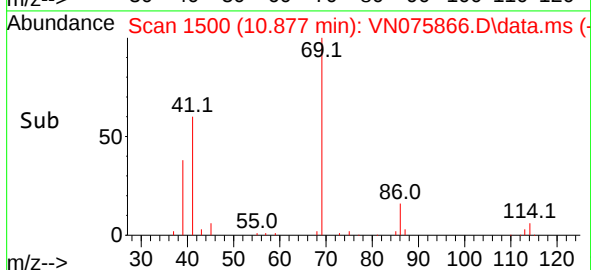
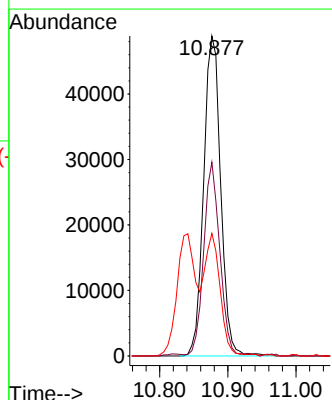
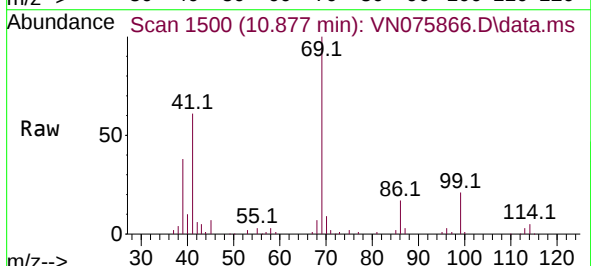
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

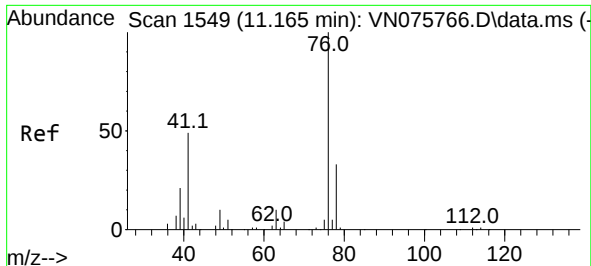


#56
Ethyl methacrylate
Concen: 19.504 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 69 Resp: 85005

Ion	Ratio	Lower	Upper
69	100		
41	57.5	44.2	66.4
39	34.0	26.4	39.6





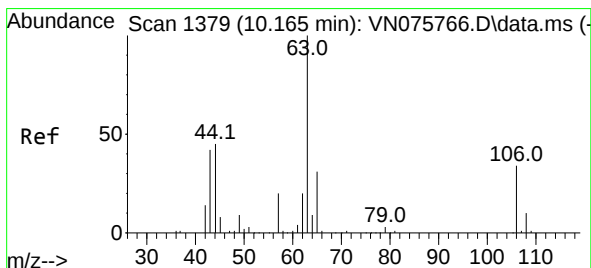
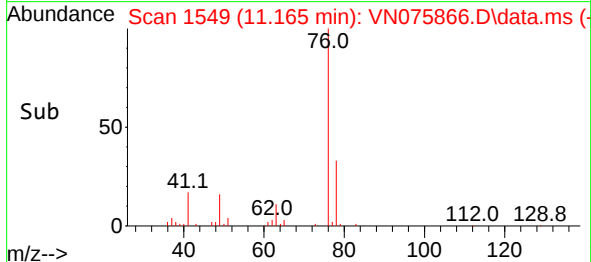
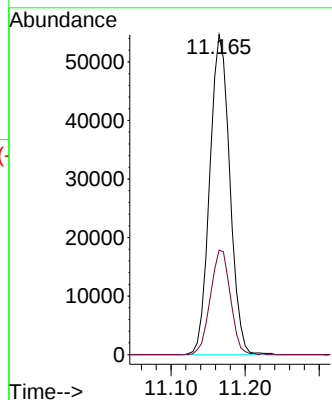
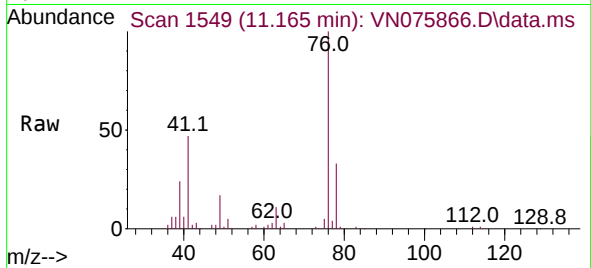
#57
1,3-Dichloropropane
Concen: 19.059 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 76 Resp: 102581
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.2

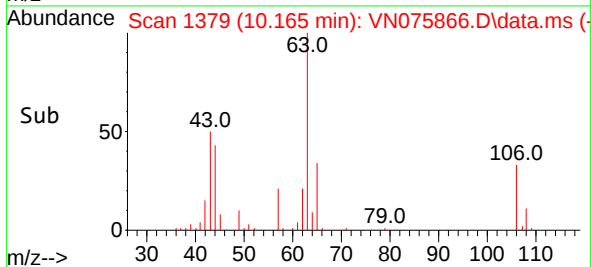
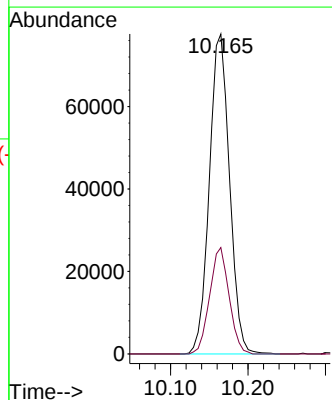
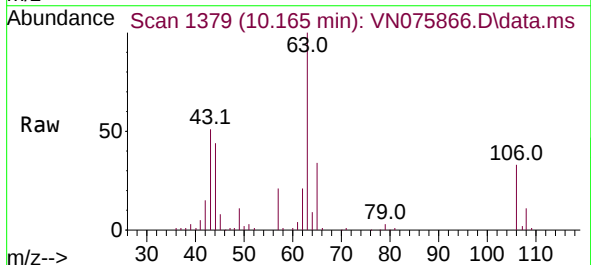
Manual Integrations
APPROVED

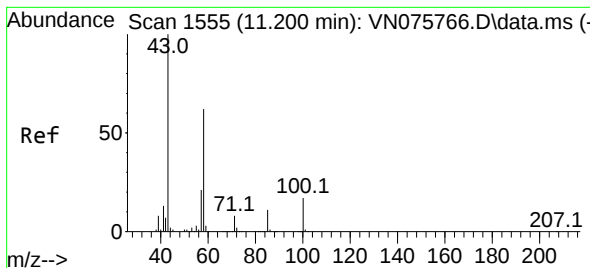
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#58
2-Chloroethyl Vinyl ether
Concen: 101.068 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

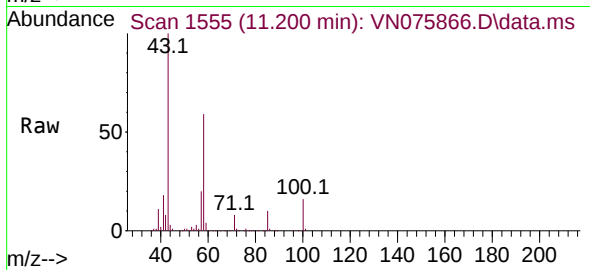
Tgt Ion: 63 Resp: 140244
Ion Ratio Lower Upper
63 100
106 32.0 26.4 39.6





#59
2-Hexanone
Concen: 100.183 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

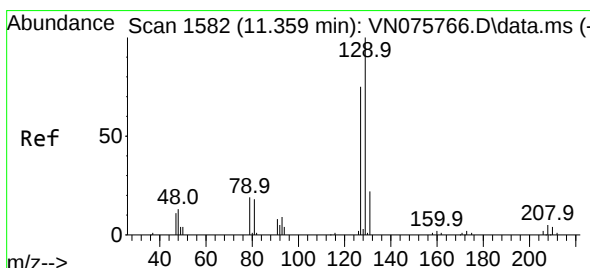
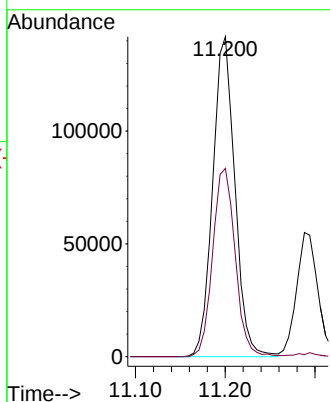
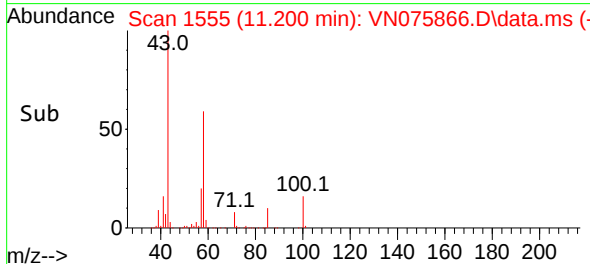
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion: 43 Resp: 243566
Ion Ratio Lower Upper
43 100
58 59.8 30.6 92.0

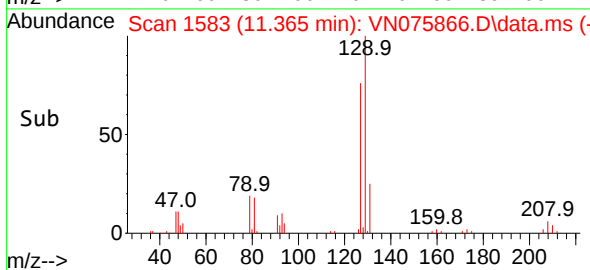
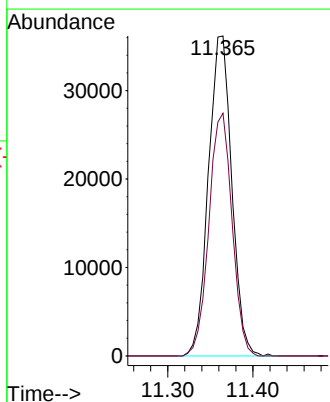
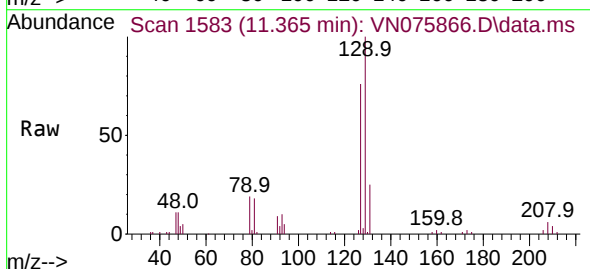
Manual Integrations
APPROVED

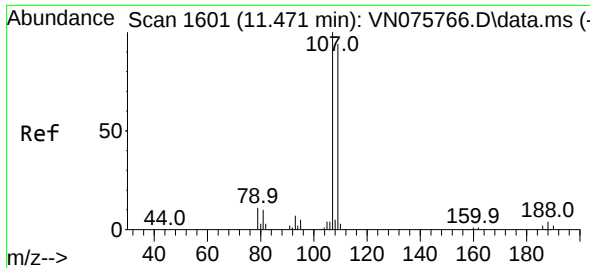
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
Dibromochloromethane
Concen: 18.847 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion:129 Resp: 68773
Ion Ratio Lower Upper
129 100
127 75.2 38.3 114.9





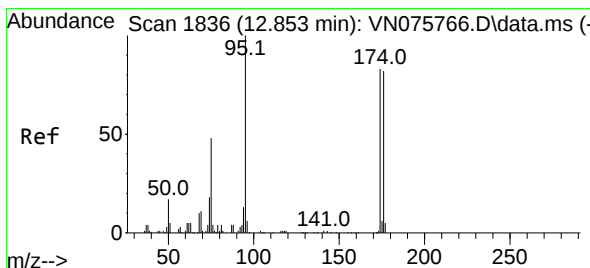
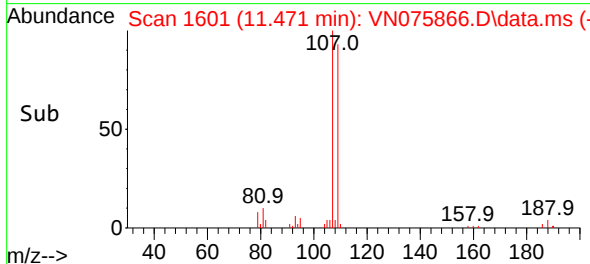
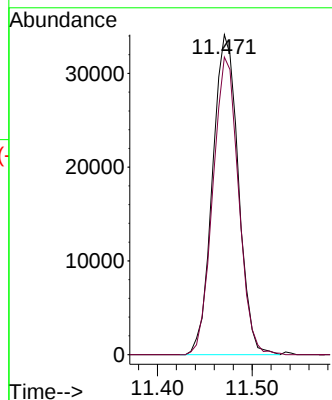
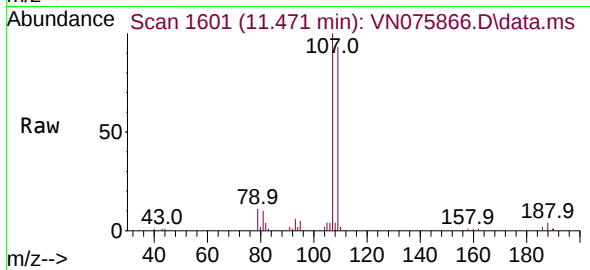
#61
1,2-Dibromoethane
Concen: 19.409 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:107 Resp: 64449
Ion Ratio Lower Upper
107 100
109 92.5 74.8 112.2

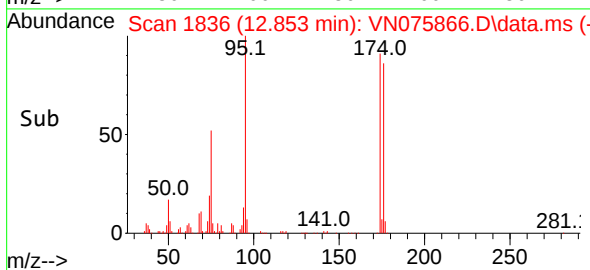
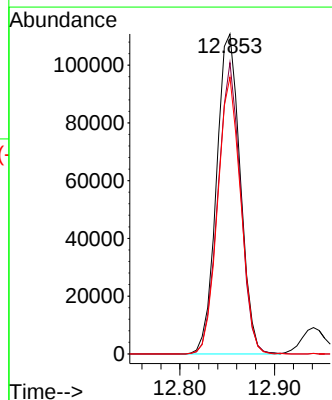
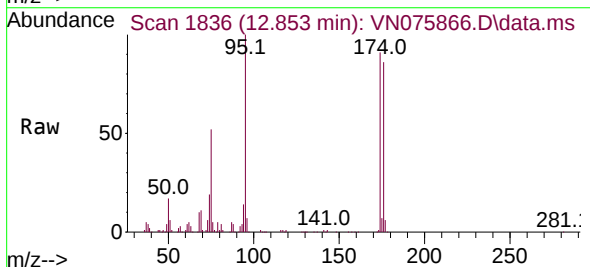
Manual Integrations
APPROVED

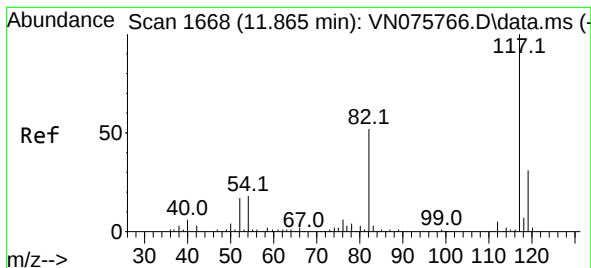
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#62
4-Bromofluorobenzene
Concen: 49.716 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

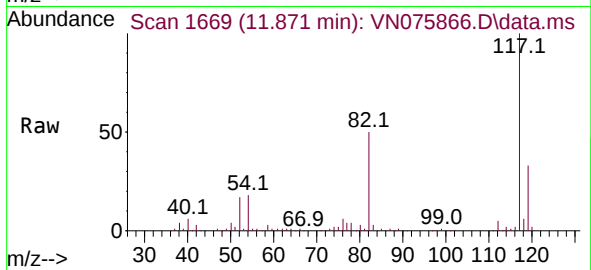
Tgt Ion: 95 Resp: 192814
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 83.7 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

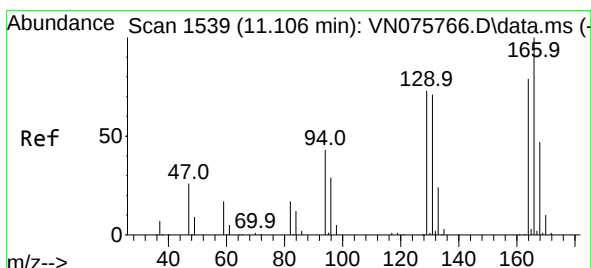
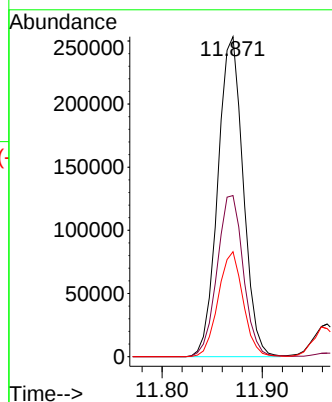
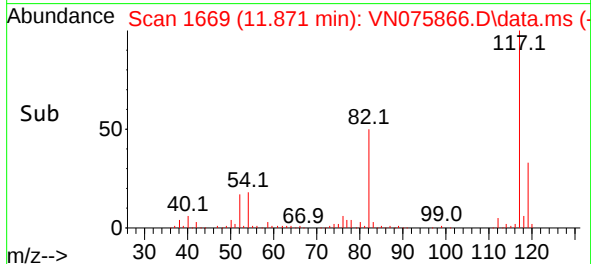
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



Tgt Ion:117 Resp: 445217
Ion Ratio Lower Upper
117 100
82 50.3 41.3 61.9
119 32.8 24.6 37.0

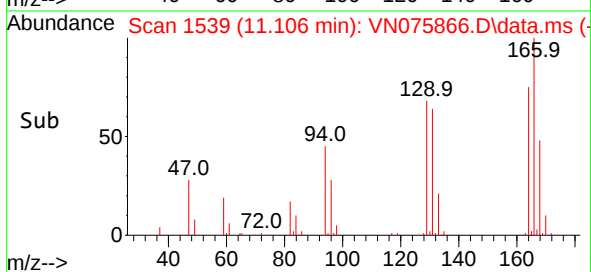
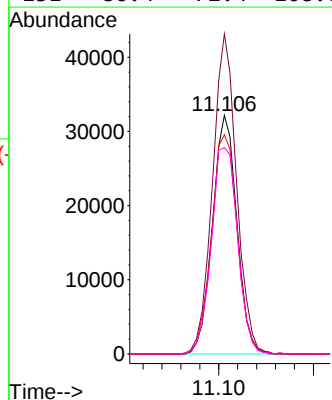
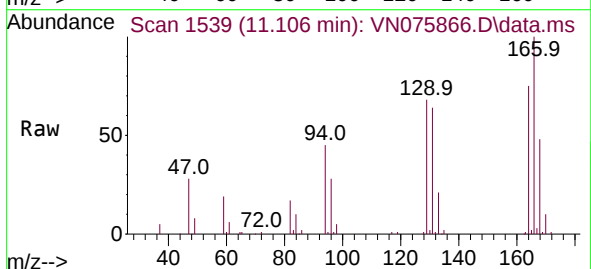
Manual Integrations
APPROVED

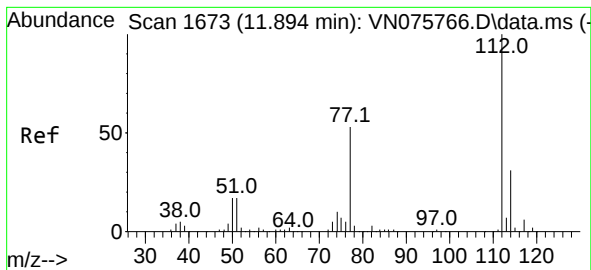
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#64
Tetrachloroethene
Concen: 18.407 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion:164 Resp: 57667
Ion Ratio Lower Upper
164 100
166 134.2 101.9 152.9
129 91.8 74.2 111.2
131 86.4 72.4 108.6





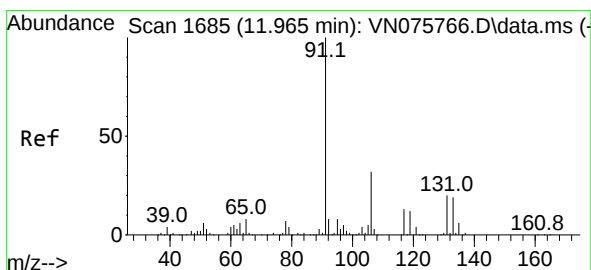
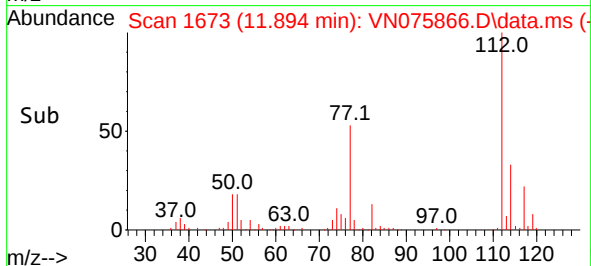
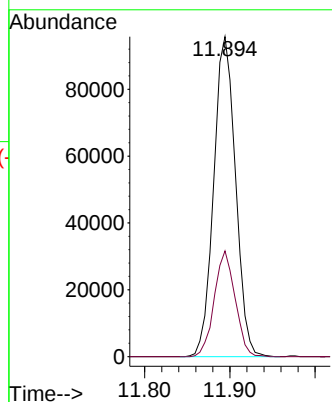
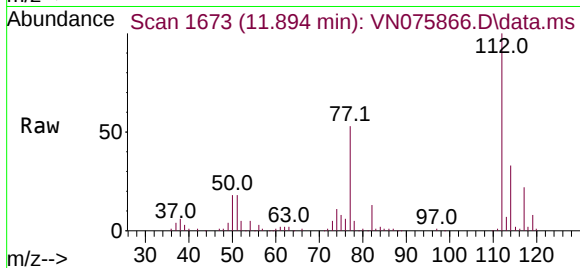
#65
Chlorobenzene
Concen: 18.630 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:112 Resp: 170244
Ion Ratio Lower Upper
112 100
114 33.0 24.7 37.1

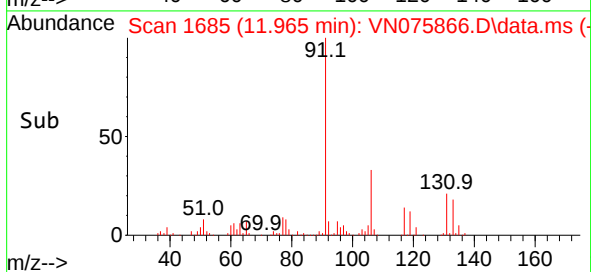
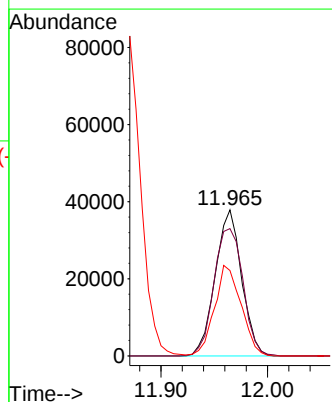
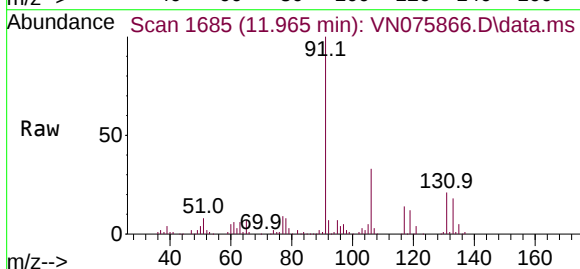
Manual Integrations
APPROVED

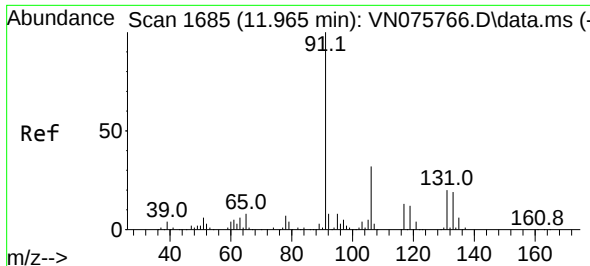
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.287 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion:131 Resp: 65281
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.5
119 62.4 31.9 95.7





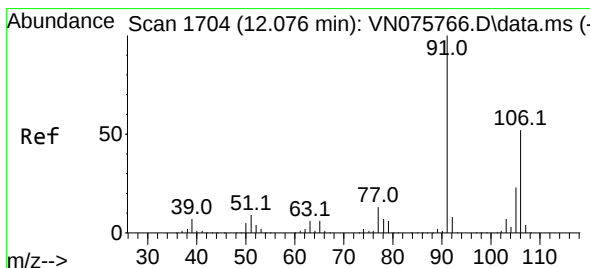
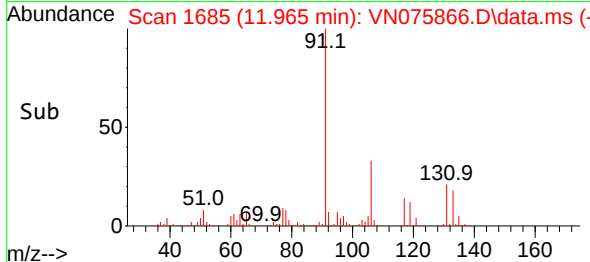
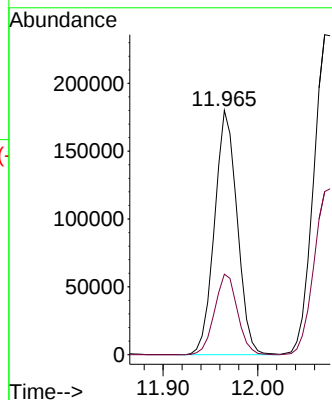
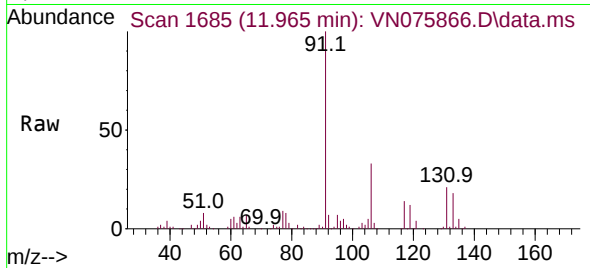
#67
Ethyl Benzene
Concen: 19.383 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 298940
Ion Ratio Lower Upper
91 100
106 32.9 25.7 38.5

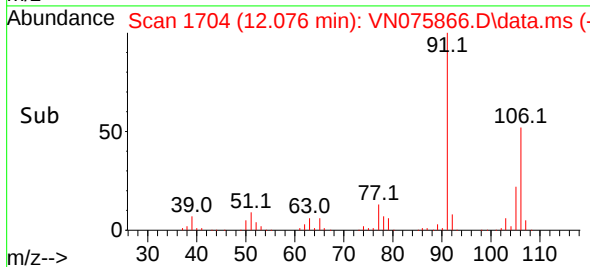
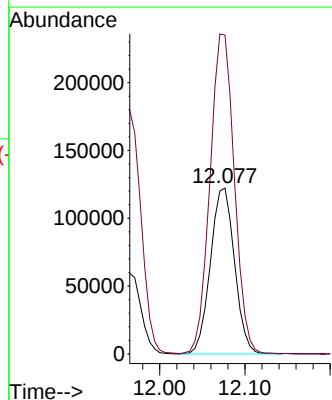
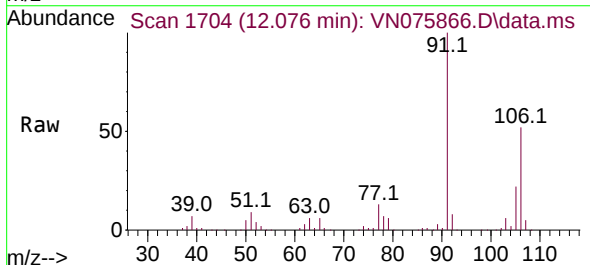
Manual Integrations
APPROVED

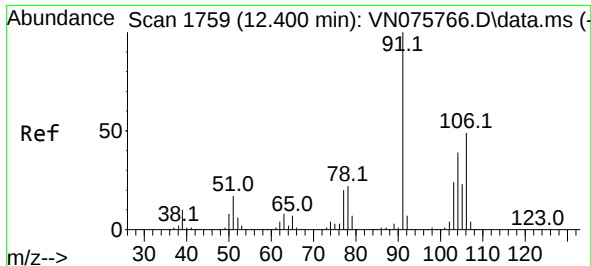
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#68
m/p-Xylenes
Concen: 39.327 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion:106 Resp: 240059
Ion Ratio Lower Upper
106 100
91 195.2 156.6 235.0





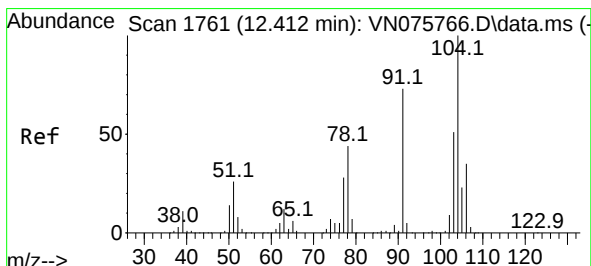
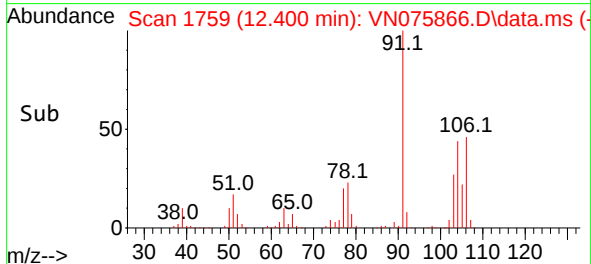
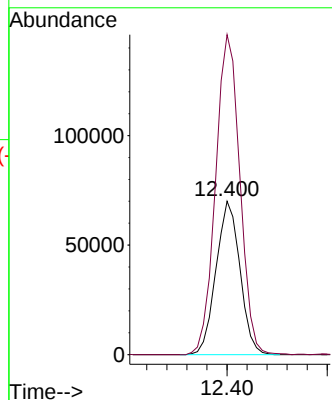
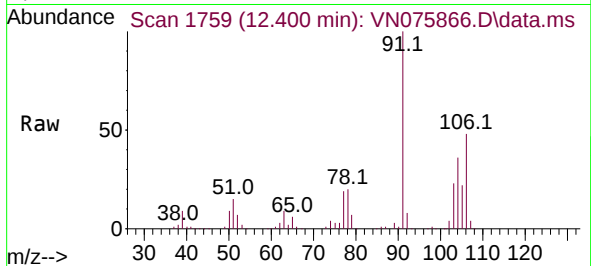
#69
o-Xylene
Concen: 19.230 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:106 Resp: 116162
Ion Ratio Lower Upper
106 100
91 212.0 103.8 311.6

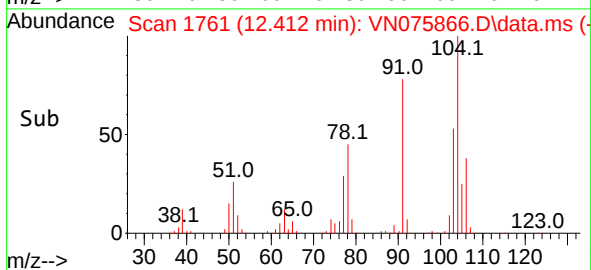
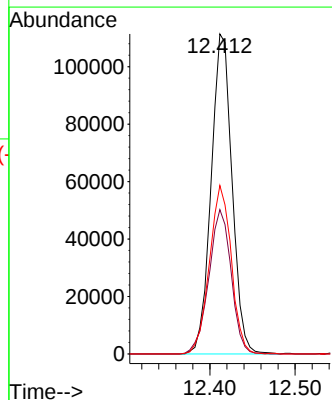
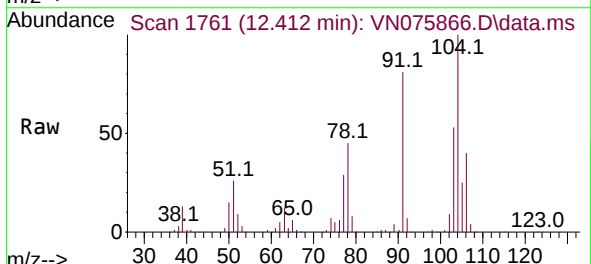
Manual Integrations
APPROVED

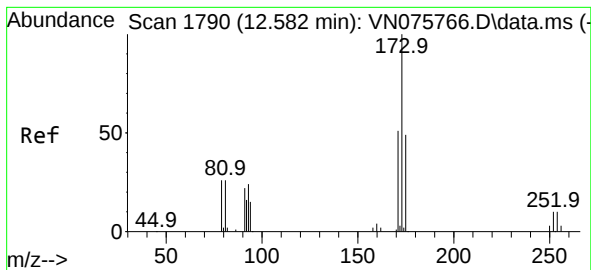
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70
Styrene
Concen: 19.740 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion:104 Resp: 189601
Ion Ratio Lower Upper
104 100
78 48.1 37.5 56.3
103 54.9 43.5 65.3





#71

Bromoform

Concen: 19.208 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

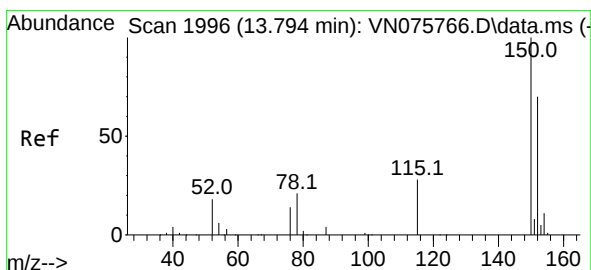
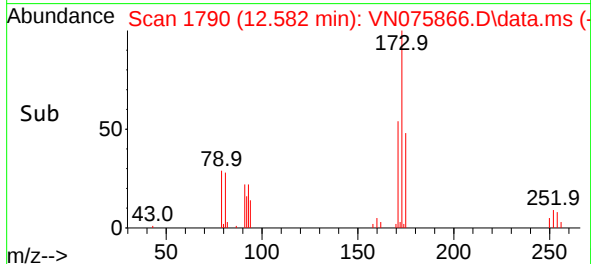
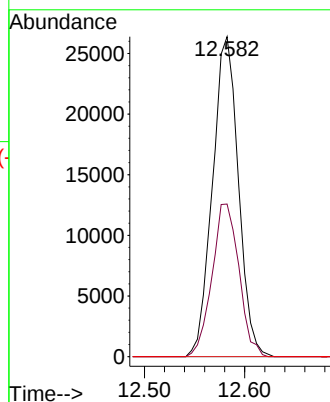
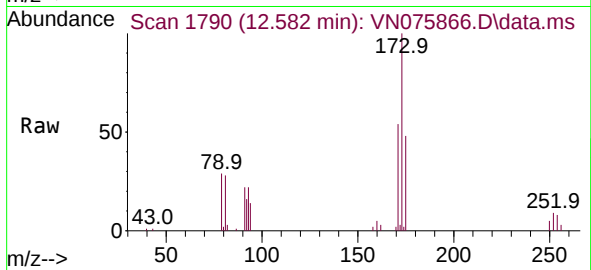
Tgt Ion:	173	Resp:	4730
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.3	72.8
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

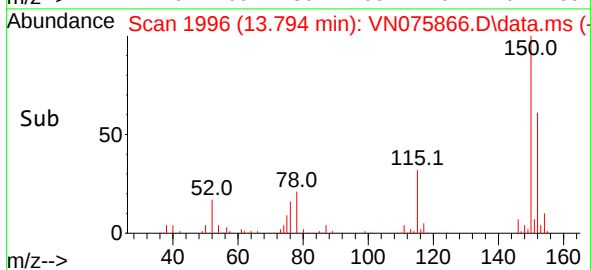
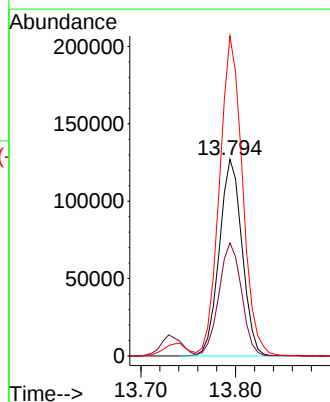
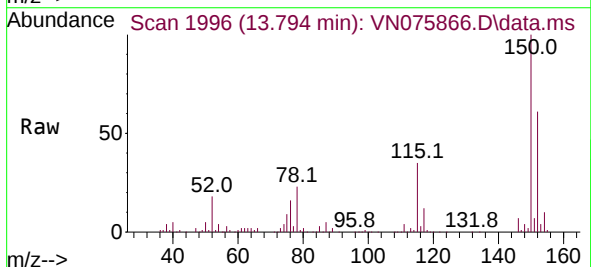
RT: 13.794 min Scan# 1996

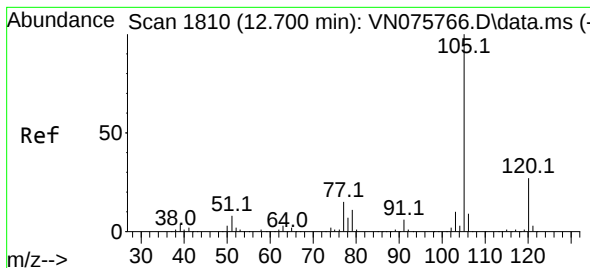
Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Tgt Ion:	152	Resp:	211638
Ion Ratio	Lower	Upper	
152	100		
115	57.3	29.1	87.4
150	164.6	0.0	347.0





#73

Isopropylbenzene

Concen: 20.049 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

Tgt Ion:105 Resp: 306629

Ion Ratio Lower Upper

105 100

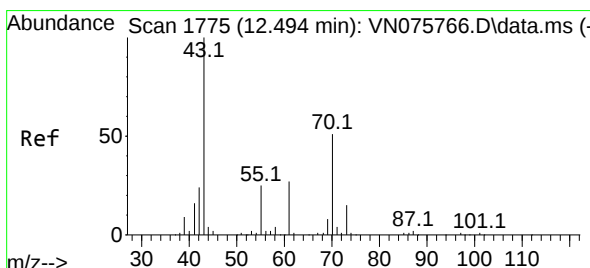
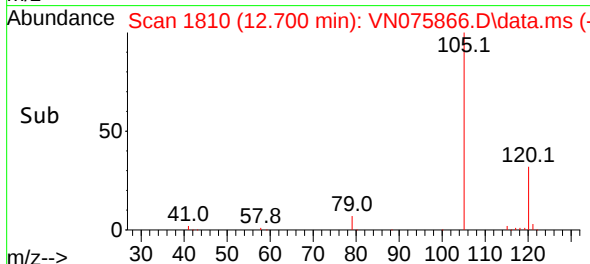
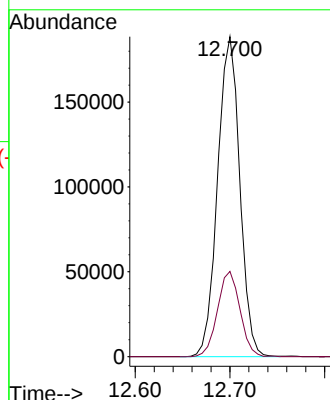
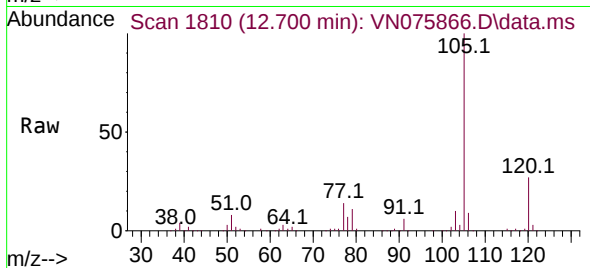
120 26.9 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#74

N-ethyl acetate

Concen: 19.726 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Tgt Ion: 43 Resp: 88507

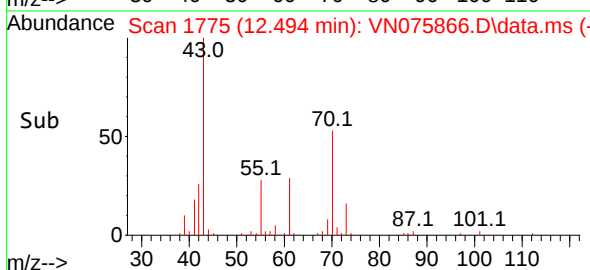
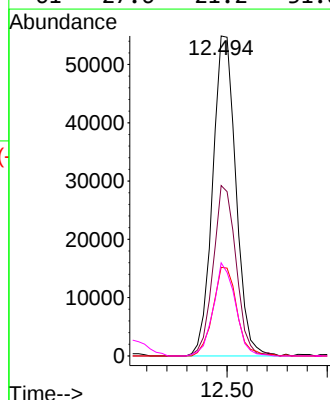
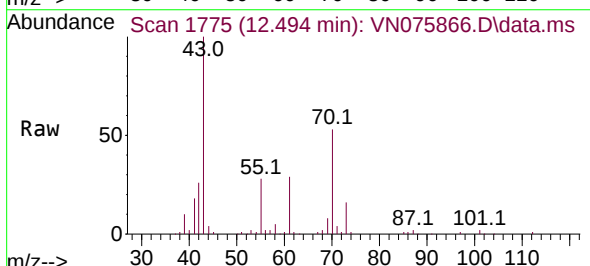
Ion Ratio Lower Upper

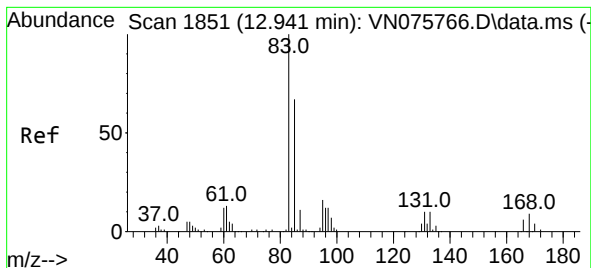
43 100

70 52.5 41.4 62.0

55 28.4 21.3 31.9

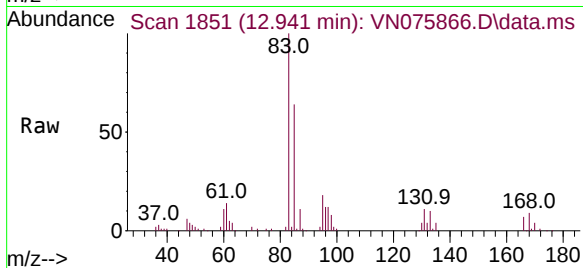
61 27.6 21.2 31.8





#75
1,1,2,2-Tetrachloroethane
Concen: 18.778 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

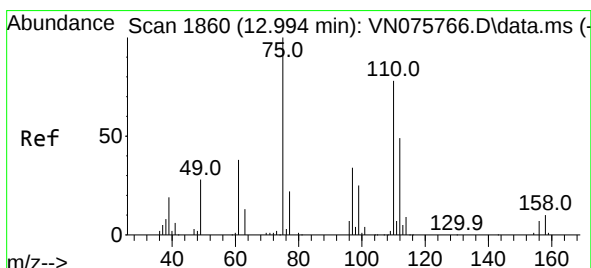
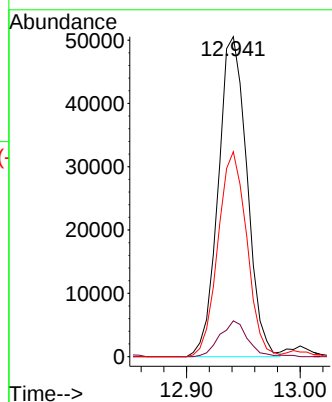
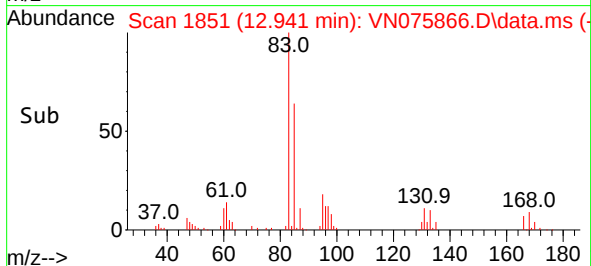
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



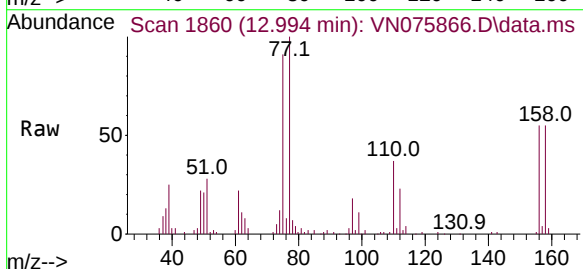
Tgt Ion: 83 Resp: 88780
Ion Ratio Lower Upper
83 100
131 10.9 5.6 16.8
85 64.1 32.6 98.0

Manual Integrations
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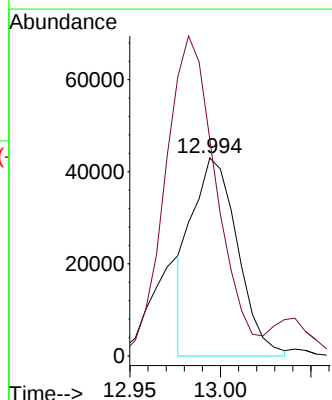
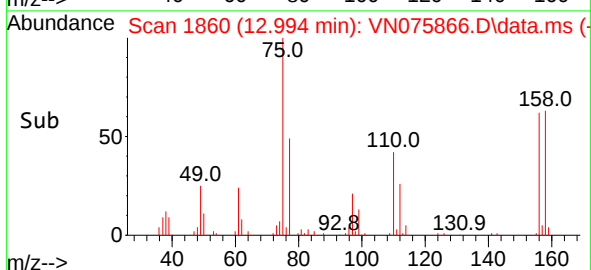
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

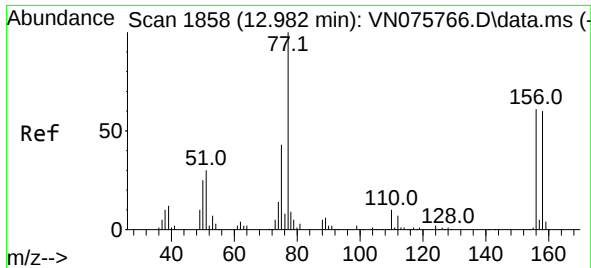


#76
1,2,3-Trichloropropane
Concen: 17.690 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion: 75 Resp: 75468
Ion Ratio Lower Upper
75 100
77 182.2 82.6 247.8





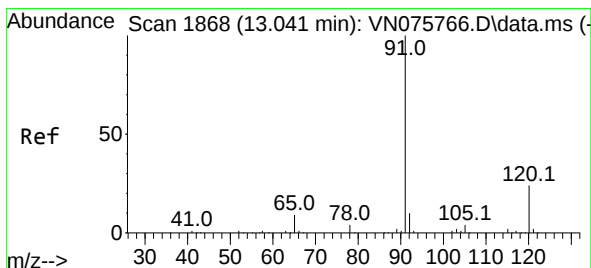
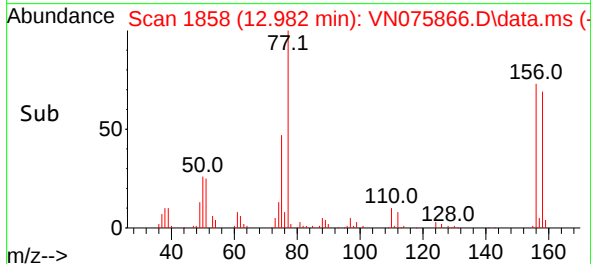
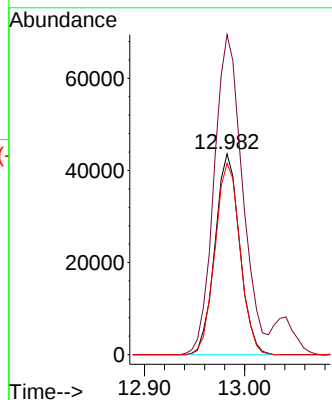
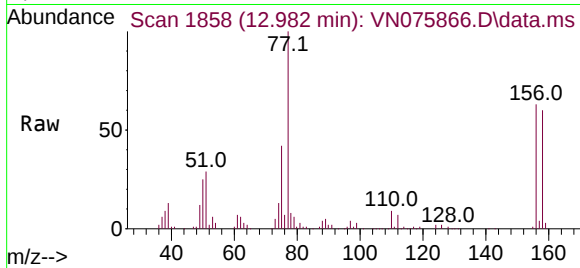
#77
Bromobenzene
Concen: 19.292 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:156 Resp: 74670
Ion Ratio Lower Upper
156 100
77 184.1 93.8 281.3
158 97.0 48.9 146.6

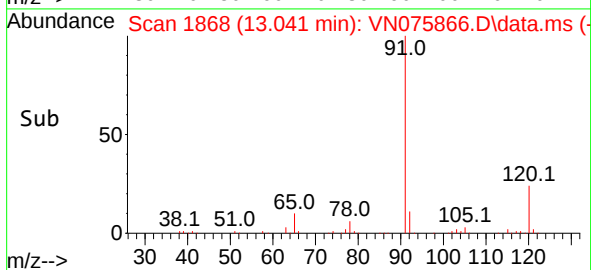
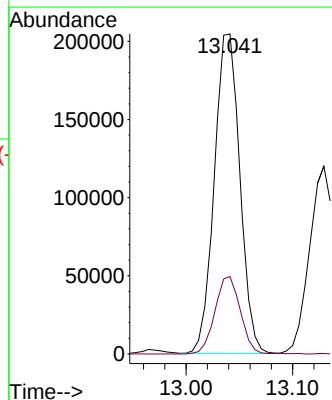
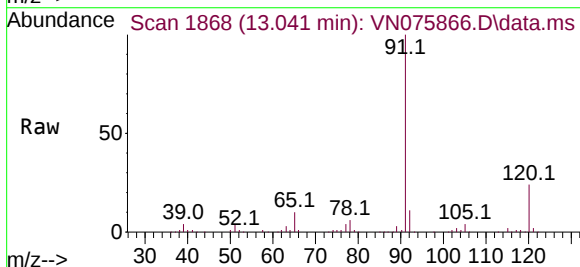
Manual Integrations
APPROVED

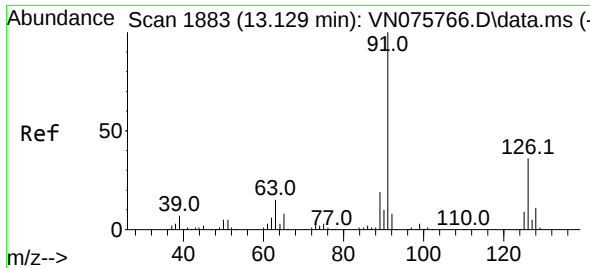
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#78
n-propylbenzene
Concen: 20.253 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion: 91 Resp: 341638
Ion Ratio Lower Upper
91 100
120 24.0 12.0 36.1





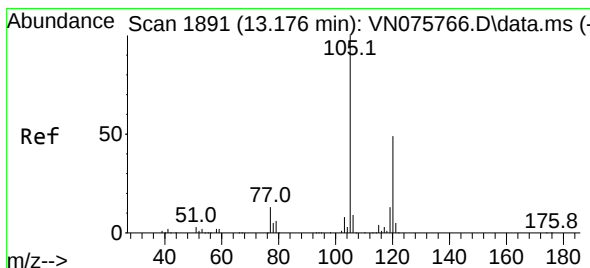
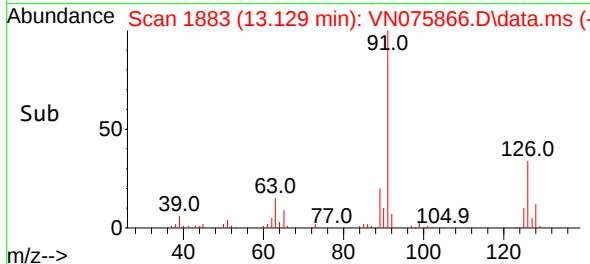
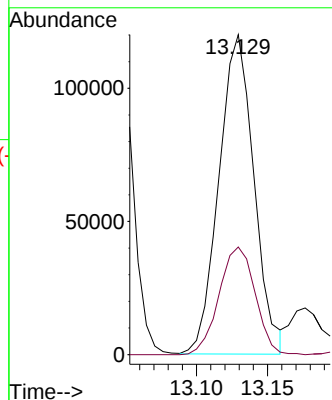
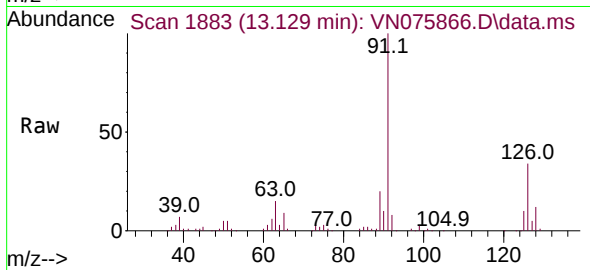
#79
2-Chlorotoluene
Concen: 19.528 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 205625
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5

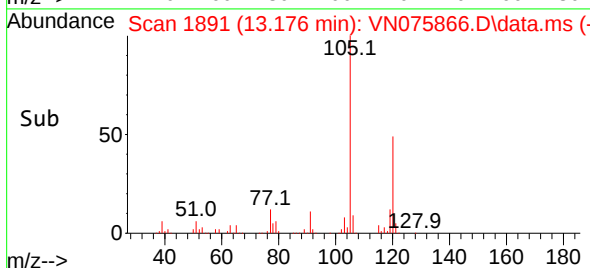
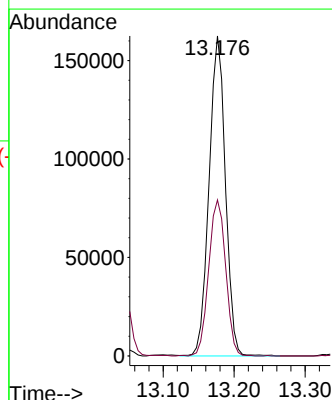
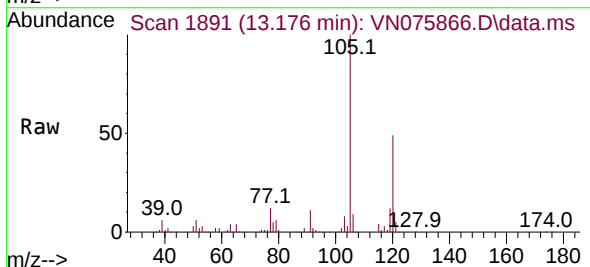
Manual Integrations
APPROVED

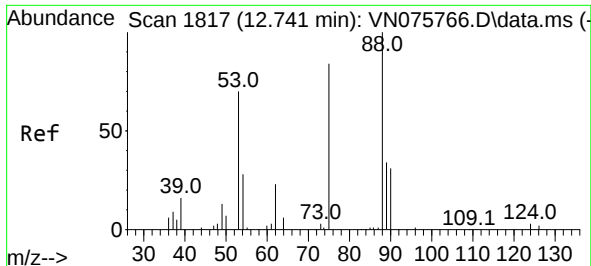
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.303 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

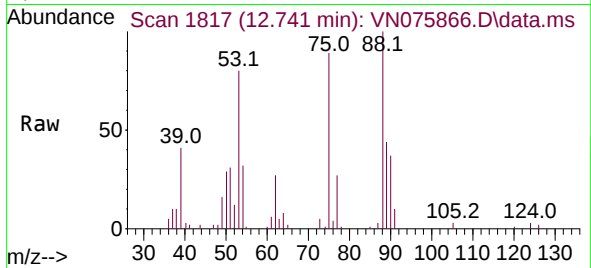
Tgt Ion:105 Resp: 259881
Ion Ratio Lower Upper
105 100
120 50.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 22.848 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

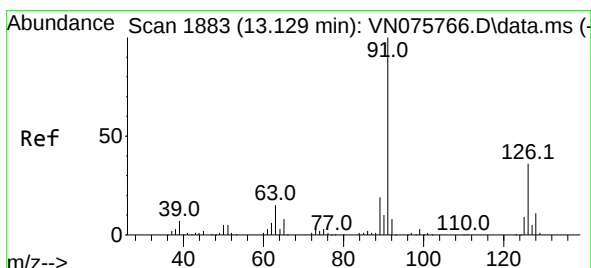
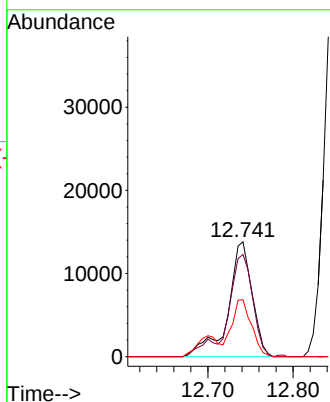
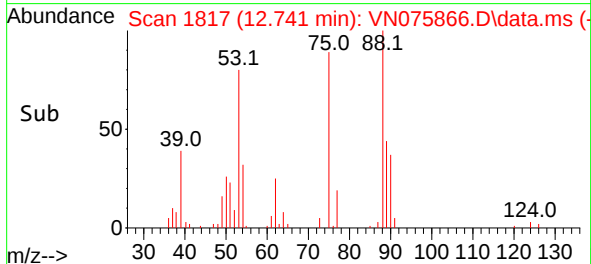
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



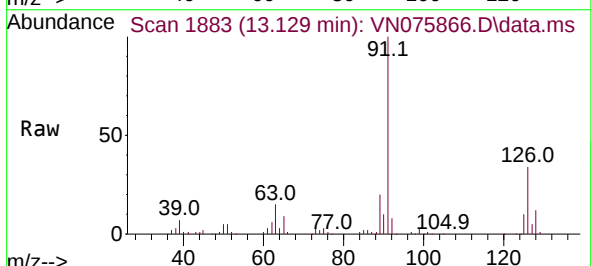
Tgt Ion: 75 Resp: 27079
Ion Ratio Lower Upper
75 100
53 80.9 73.8 110.6
89 40.2 39.5 59.3

Manual Integrations
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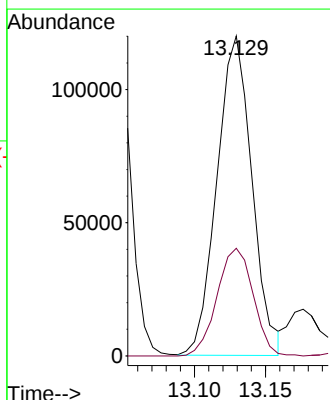
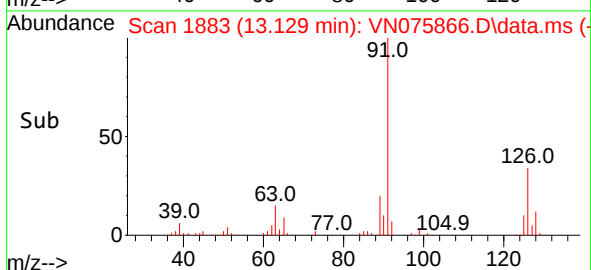
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

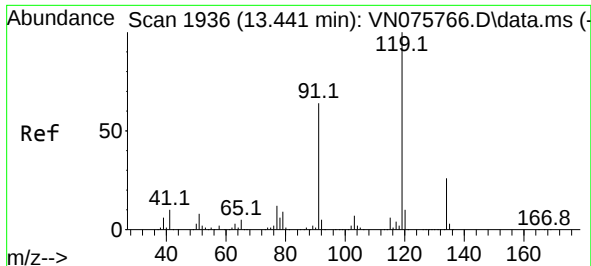


#82
4-Chlorotoluene
Concen: 19.528 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion: 91 Resp: 205625
Ion Ratio Lower Upper
91 100
126 34.7 17.5 52.5





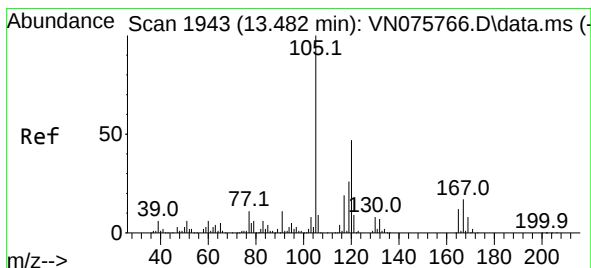
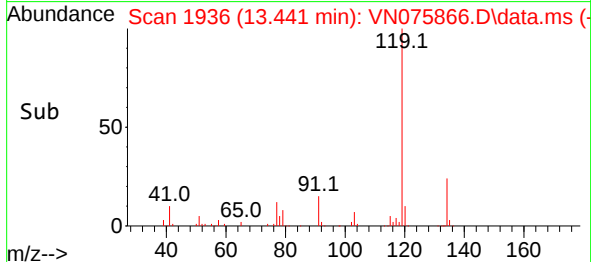
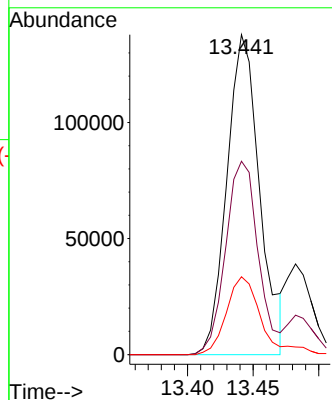
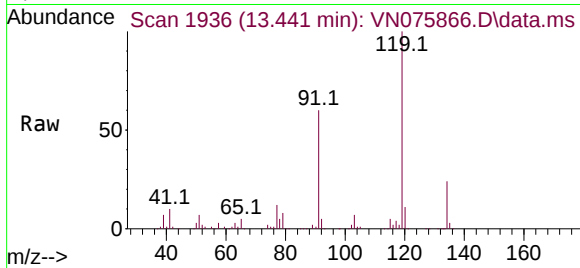
#83
tert-Butylbenzene
Concen: 21.215 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion:119 Resp: 239427
Ion Ratio Lower Upper
119 100
91 60.4 31.9 95.5
134 25.9 13.8 41.4

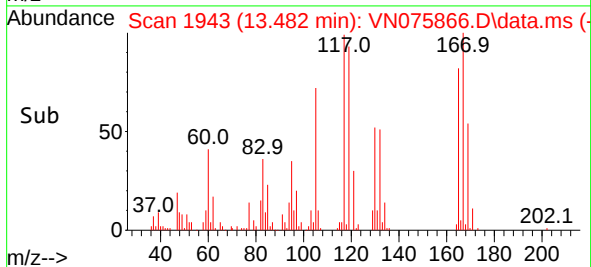
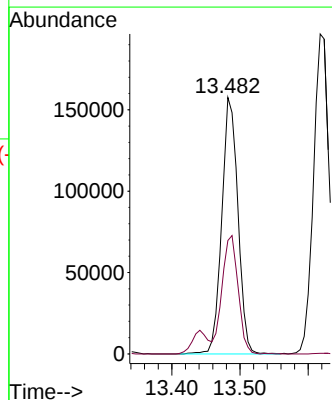
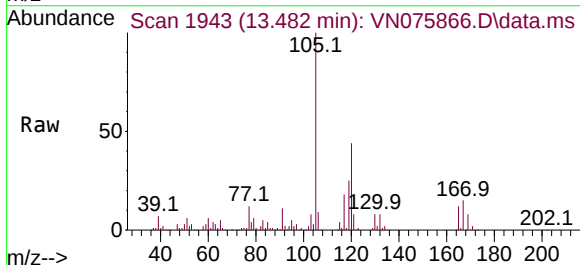
Manual Integrations
APPROVED

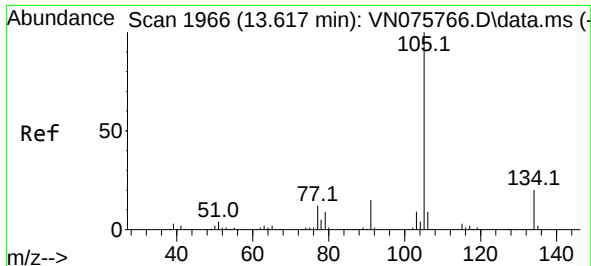
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.269 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Tgt Ion:105 Resp: 257388
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





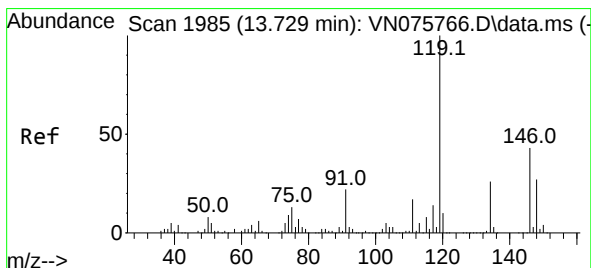
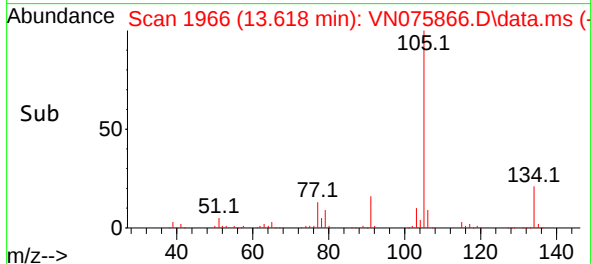
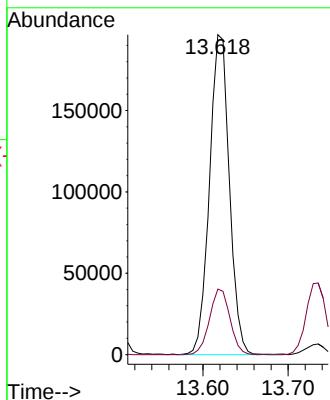
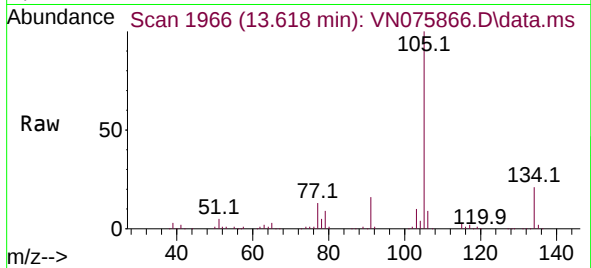
#85
 sec-Butylbenzene
 Concen: 20.447 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01

Tgt Ion:105 Resp: 318508
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.1 30.1

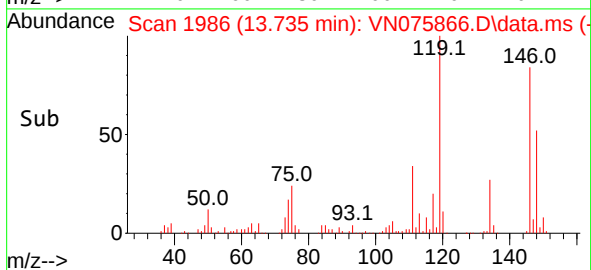
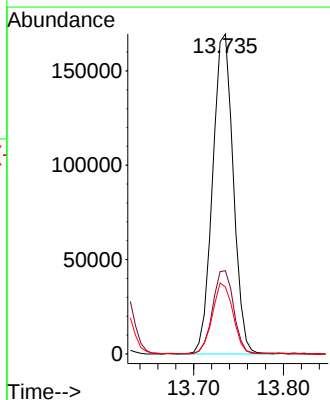
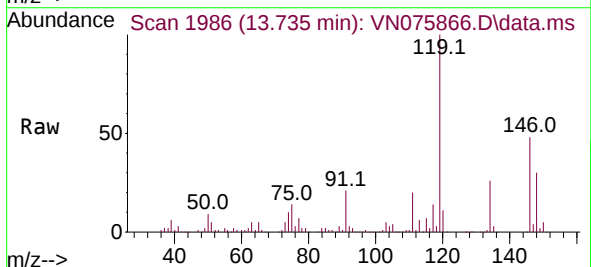
Manual Integrations
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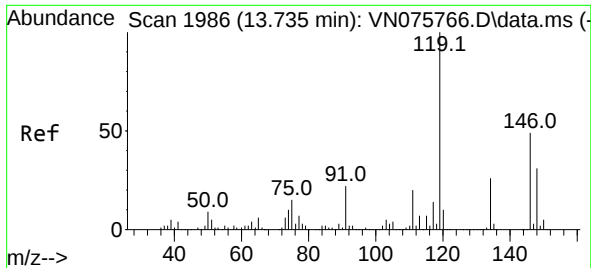
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#86
 p-Isopropyltoluene
 Concen: 20.923 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

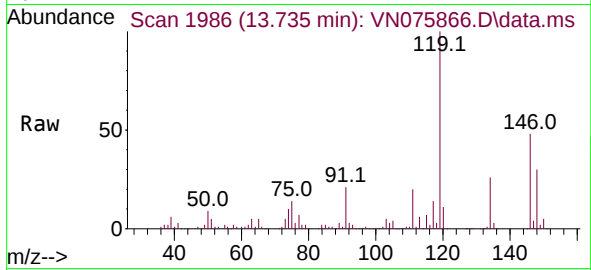
Tgt Ion:119 Resp: 271184
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 21.9 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 18.900 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10

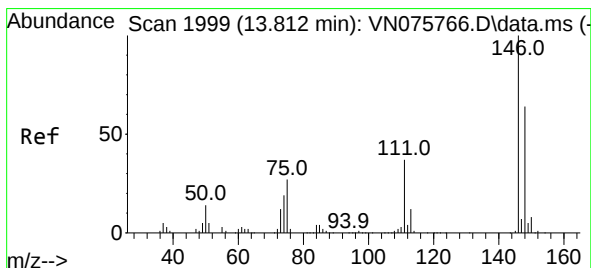
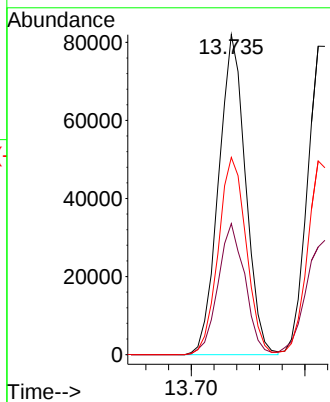
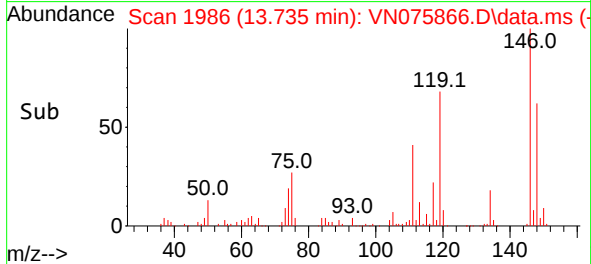
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1219WBS01



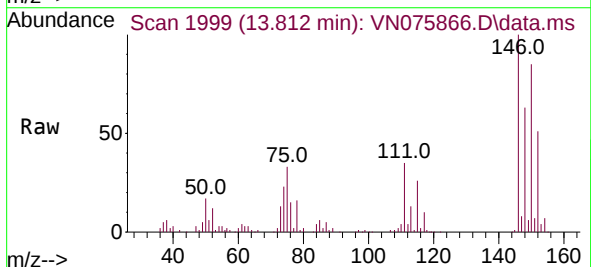
Tgt Ion:146 Resp: 135124
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.7 59.0
 148 63.9 31.4 94.2

Manual Integrations
 APPROVED

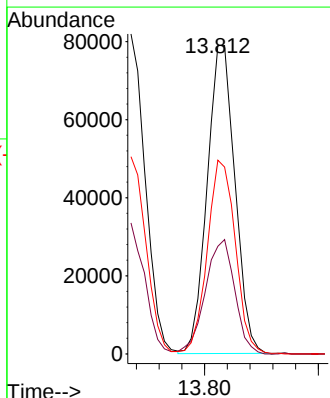
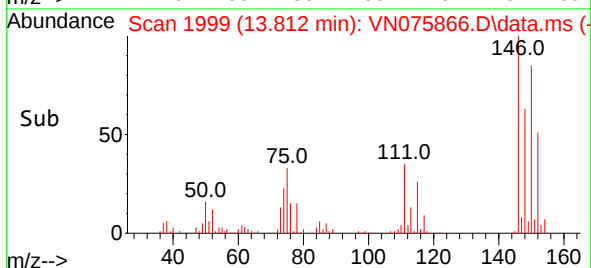
Reviewed By :John Carlone 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

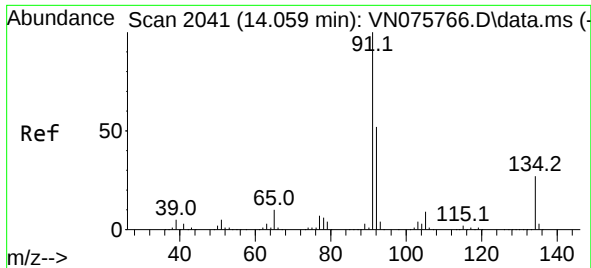


#88
 1,4-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VN075866.D
 Acq: 19 Dec 2022 13:10



Tgt Ion:146 Resp: 134393
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 63.4 32.0 96.2





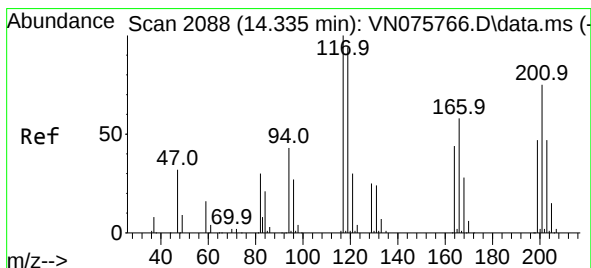
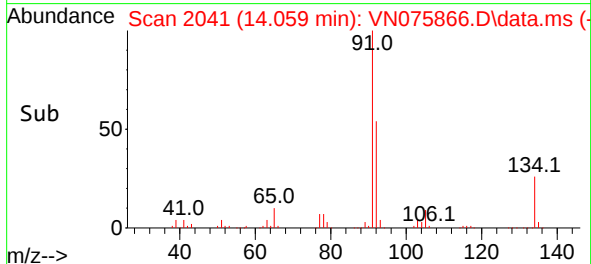
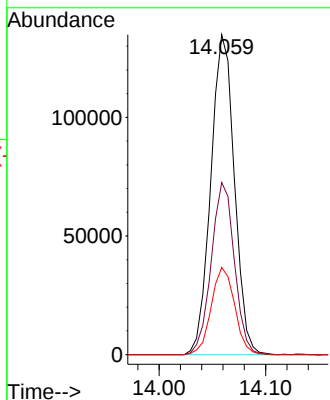
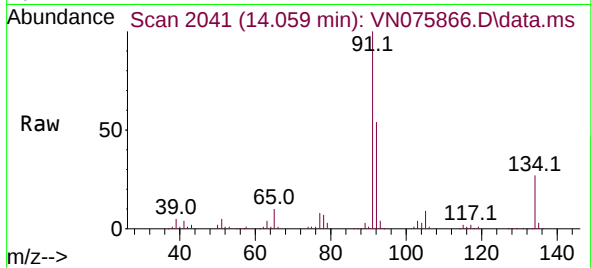
#89
n-Butylbenzene
Concen: 19.755 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01

Tgt Ion: 91 Resp: 207433
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 27.1 13.4 40.2

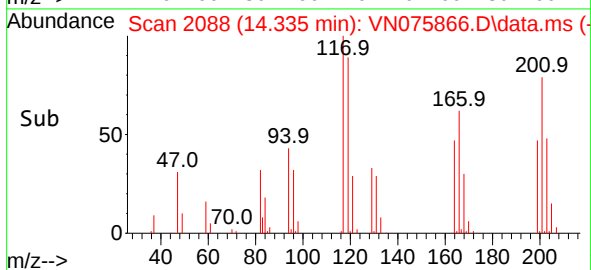
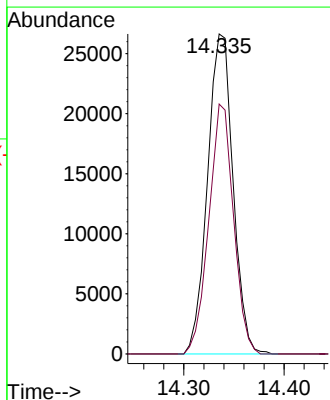
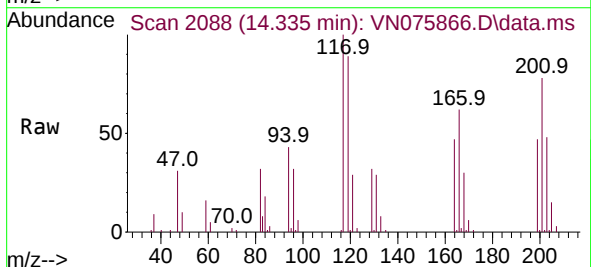
Manual Integrations
APPROVED

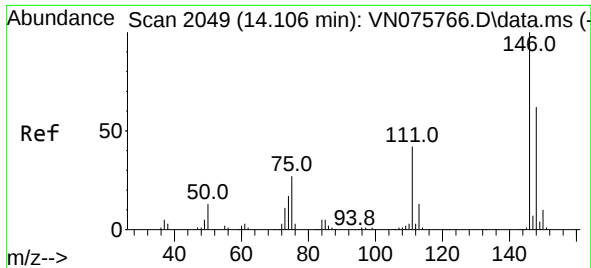
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#90
Hexachloroethane
Concen: 20.345 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

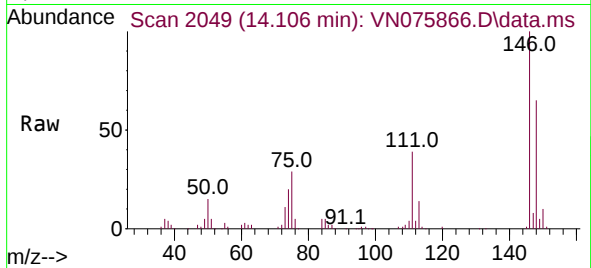
Tgt Ion:117 Resp: 47170
Ion Ratio Lower Upper
117 100
201 75.6 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 19.098 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

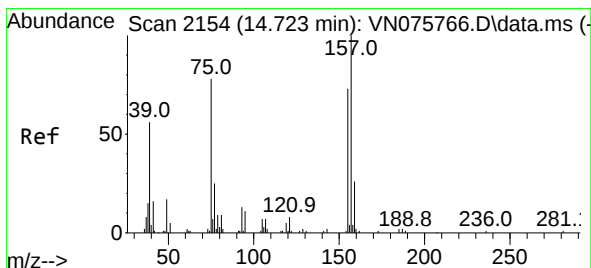
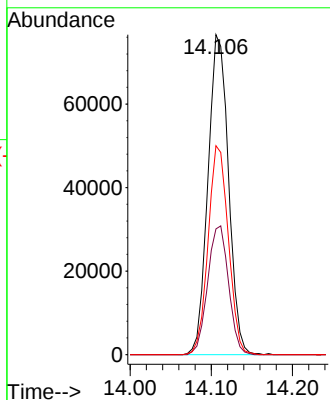
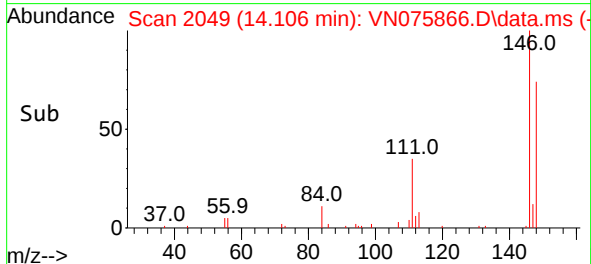
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



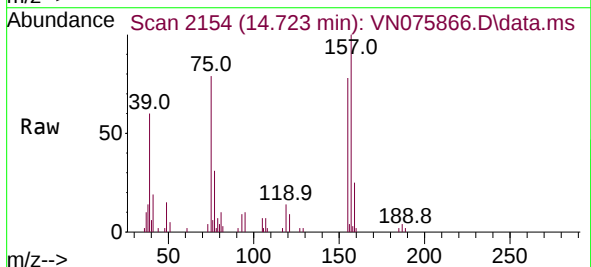
Tgt Ion:146 Resp: 134493
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 64.4 31.7 95.1

Manual Integrations
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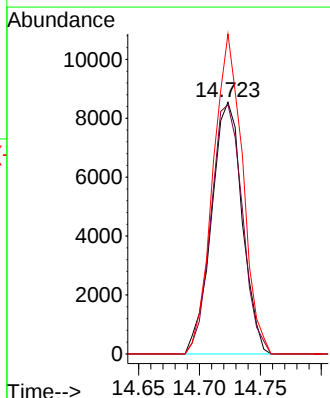
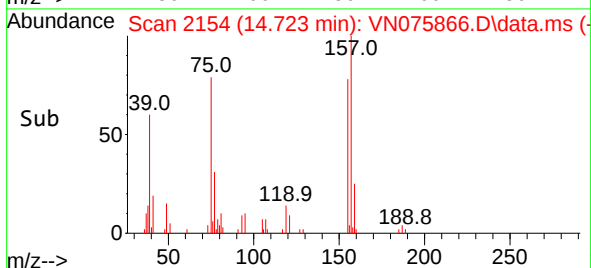
Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

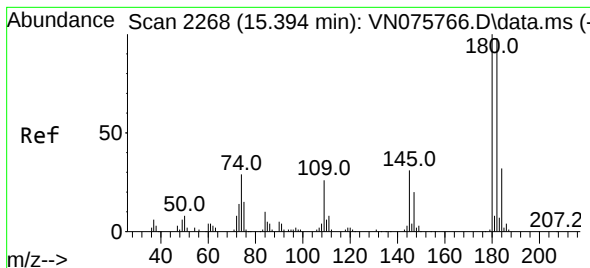


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.869 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion: 75 Resp: 14991
Ion Ratio Lower Upper
75 100
155 100.7 49.3 147.8
157 121.8 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.369 ug/l

RT: 15.394 min Scan# 2268

Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN1219WBS01

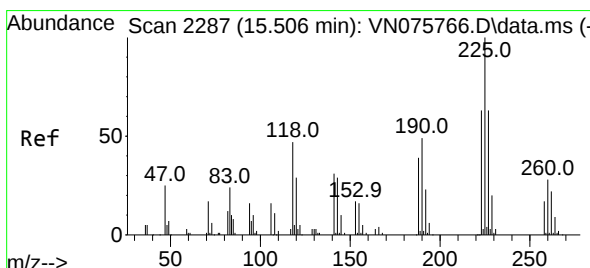
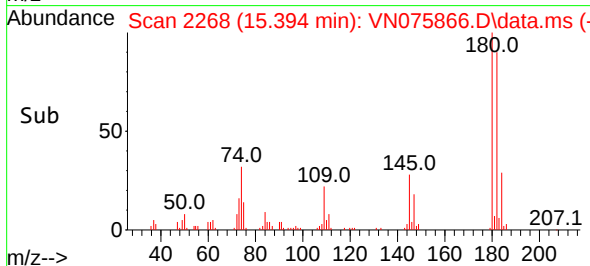
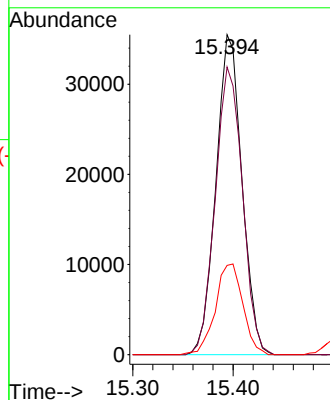
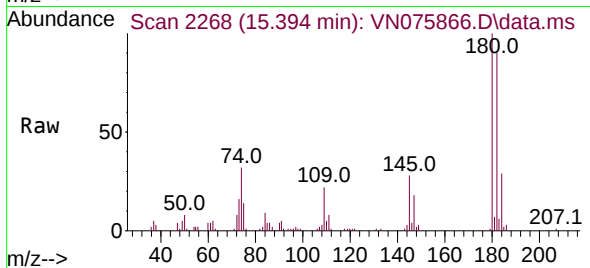
Tgt Ion:180	Resp:	64043
Ion Ratio	Lower	Upper
180	100	
182	93.7	47.5 142.5
145	29.9	15.3 45.8

Manual Integrations

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Reviewed By :John Carlone 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#94

Hexachlorobutadiene

Concen: 19.128 ug/l

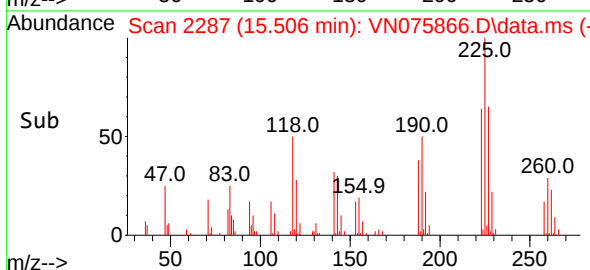
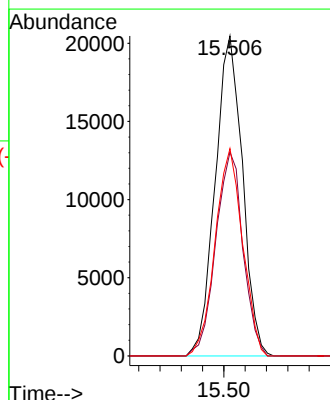
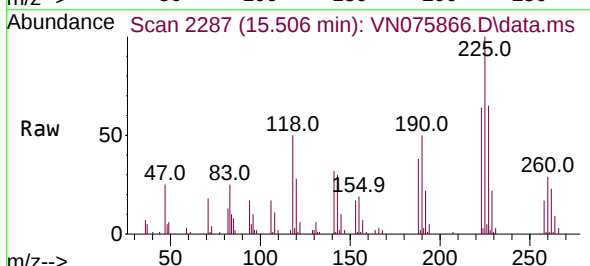
RT: 15.506 min Scan# 2287

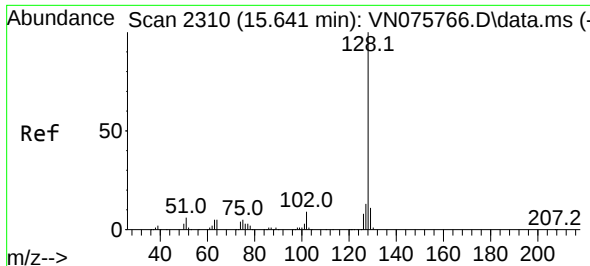
Delta R.T. 0.000 min

Lab File: VN075866.D

Acq: 19 Dec 2022 13:10

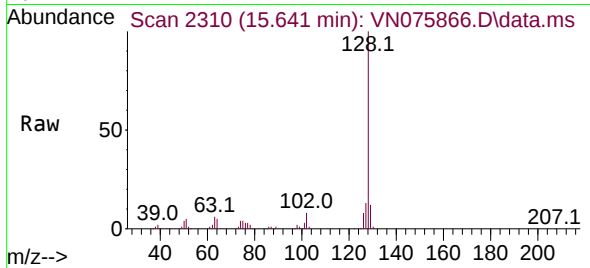
Tgt Ion:225	Resp:	36386
Ion Ratio	Lower	Upper
225	100	
223	63.5	31.5 94.5
227	65.2	31.6 95.0





#95
Naphthalene
Concen: 17.610 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10

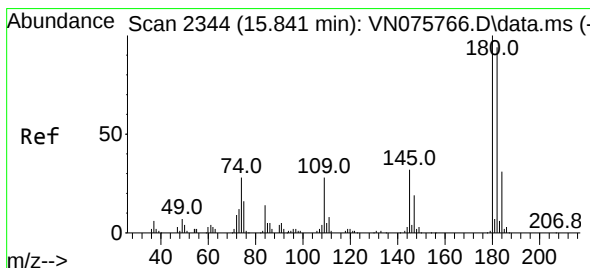
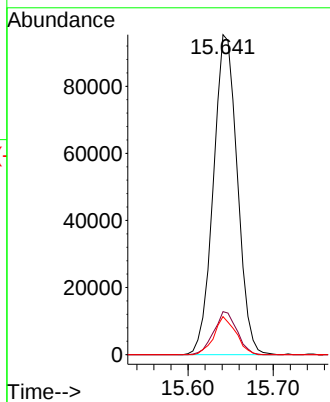
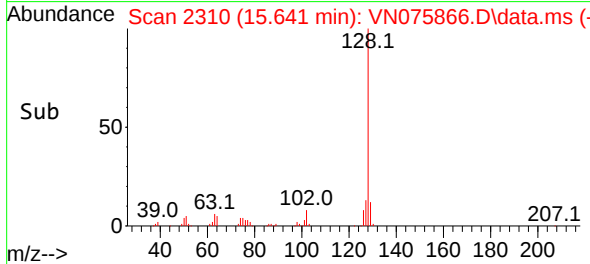
Instrument :
MSVOA_N
ClientSampleId :
VN1219WBS01



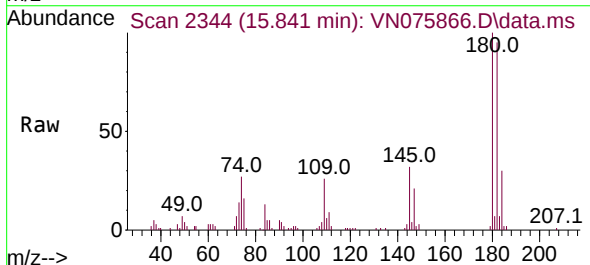
Tgt Ion:128 Resp: 185848
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.063 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075866.D
Acq: 19 Dec 2022 13:10



Tgt Ion:180 Resp: 62121
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 33.4 16.0 47.9

