

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122122\
 Data File : VN075912.D
 Acq On : 21 Dec 2022 12:17
 Operator : JC\MD
 Sample : VN1221MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/22/2022

Quant Time: Dec 21 14:15:33 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	324880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	516345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	224622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	178940	50.628	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.260%			
35) Dibromofluoromethane	8.171	113	163596	51.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.320%			
50) Toluene-d8	10.571	98	603095	50.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.853	95	206176	52.067	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	38420	16.655	ug/l	99
3) Chloromethane	2.371	50	45252	15.776	ug/l	97
4) Vinyl Chloride	2.530	62	55447	16.205	ug/l	94
5) Bromomethane	2.954	94	49061	16.872	ug/l	97
6) Chloroethane	3.130	64	42629	16.824	ug/l	98
7) Trichlorofluoromethane	3.507	101	92266	17.771	ug/l	95
8) Diethyl Ether	3.977	74	36554	19.276	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	54414	18.354	ug/l	96
10) Methyl Iodide	4.601	142	84510	17.565	ug/l	100
11) Tert butyl alcohol	5.542	59	47961	95.900	ug/l	98
12) 1,1-Dichloroethene	4.354	96	50566	17.561	ug/l	97
13) Acrolein	4.195	56	82918	135.239	ug/l	99
14) Allyl chloride	5.036	41	59892	17.793	ug/l	92
15) Acrylonitrile	5.736	53	127856	93.683	ug/l	99
16) Acetone	4.448	43	114853	94.267	ug/l	99
17) Carbon Disulfide	4.724	76	111280	15.962	ug/l	97
18) Methyl Acetate	5.042	43	68632	19.057	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	185158	19.527	ug/l	97
20) Methylene Chloride	5.289	84	60798	18.247	ug/l	99
21) trans-1,2-Dichloroethene	5.795	96	56064	17.779	ug/l	95
22) Diisopropyl ether	6.683	45	161233	19.718	ug/l	97
23) Vinyl Acetate	6.612	43	538713	97.884	ug/l	98
24) 1,1-Dichloroethane	6.583	63	100811	18.486	ug/l	99
25) 2-Butanone	7.494	43	170057	99.685	ug/l	96
26) 2,2-Dichloropropane	7.494	77	88428	19.148	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	71360	18.921	ug/l	98
28) Bromochloromethane	7.824	49	41560	17.388	ug/l	100
29) Tetrahydrofuran	7.847	42	105523	98.705	ug/l	97
30) Chloroform	7.971	83	112712	18.357	ug/l	96
31) Cyclohexane	8.265	56	87182	17.223	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	100215	18.411	ug/l	96
36) 1,1-Dichloropropene	8.377	75	78829	18.558	ug/l	99
37) Ethyl Acetate	7.571	43	64062	18.776	ug/l	97
38) Carbon Tetrachloride	8.371	117	87804	18.469	ug/l	97
39) Methylcyclohexane	9.606	83	99049	19.328	ug/l	97
40) Benzene	8.612	78	243639	18.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	35008	19.739	ug/l	98
42) 1,2-Dichloroethane	8.677	62	82819	19.008	ug/l	99
43) Isopropyl Acetate	8.694	43	111897	19.881	ug/l	99
44) Trichloroethene	9.353	130	65315	17.690	ug/l	100
45) 1,2-Dichloropropane	9.624	63	61407	19.254	ug/l	97
46) Dibromomethane	9.712	93	44057	18.625	ug/l	97
47) Bromodichloromethane	9.894	83	89250	19.240	ug/l	98
48) Methyl methacrylate	9.683	41	50634	19.974	ug/l	98
49) 1,4-Dioxane	9.700	88	25504	409.241	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	345057	101.375	ug/l	98
52) Toluene	10.630	92	162753	19.068	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	87601	19.292	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	98744	19.806	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	65570	19.572	ug/l	98
56) Ethyl methacrylate	10.877	69	90343	20.302	ug/l	97
57) 1,3-Dichloropropane	11.165	76	107255	19.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	139186	98.240	ug/l	100
59) 2-Hexanone	11.200	43	249685	100.587	ug/l	100
60) Dibromochloromethane	11.359	129	71442	19.175	ug/l	99
61) 1,2-Dibromoethane	11.471	107	66152	19.512	ug/l	99
64) Tetrachloroethene	11.106	164	62146	19.392	ug/l	96
65) Chlorobenzene	11.894	112	173499	18.561	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	66972	19.343	ug/l	99
67) Ethyl Benzene	11.965	91	306998	19.460	ug/l	99
68) m/p-Xylenes	12.077	106	247570	39.648	ug/l	99
69) o-Xylene	12.400	106	123074	19.917	ug/l	99
70) Styrene	12.412	104	201466	20.505	ug/l	98
71) Bromoform	12.582	173	49749	19.747	ug/l #	98
73) Isopropylbenzene	12.700	105	316419	19.493	ug/l	100
74) N-amyl acetate	12.494	43	96251	20.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	93228	18.579	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	69003m	15.240	ug/l	
77) Bromobenzene	12.982	156	76491	18.620	ug/l	98
78) n-propylbenzene	13.041	91	352682	19.699	ug/l	99
79) 2-Chlorotoluene	13.129	91	214245	19.171	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	267593	19.697	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28180	22.402	ug/l	91
82) 4-Chlorotoluene	13.129	91	214245	19.171	ug/l	100
83) tert-Butylbenzene	13.441	119	247146	20.633	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	272567	20.224	ug/l	99
85) sec-Butylbenzene	13.618	105	336334	20.344	ug/l	100
86) p-Isopropyltoluene	13.735	119	282819	20.559	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	144848	19.088	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	141984	18.316	ug/l	98
89) n-Butylbenzene	14.059	91	221668	19.890	ug/l	99
90) Hexachloroethane	14.335	117	47390	19.258	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	145469	19.462	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16372	18.387	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	69938	18.900	ug/l	99
94) Hexachlorobutadiene	15.506	225	36982	18.318	ug/l	96
95) Naphthalene	15.647	128	207095	18.380	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	68193	19.717	ug/l	99

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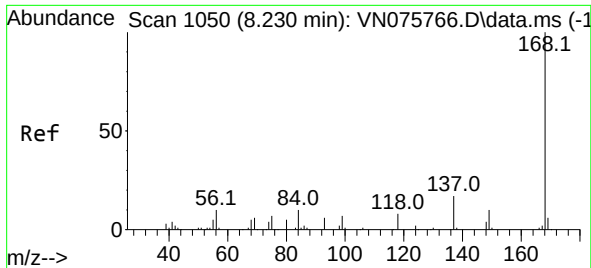
Manual Integrations
APPROVED

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Response via : Initial Calibration

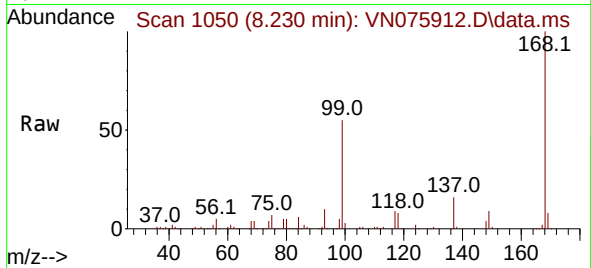
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.000 min
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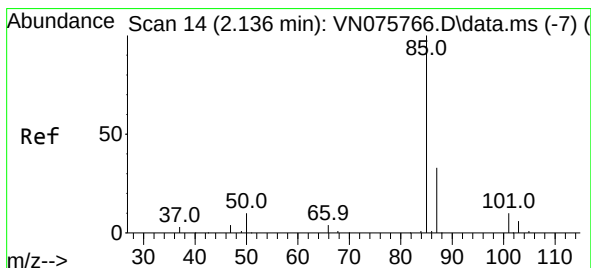
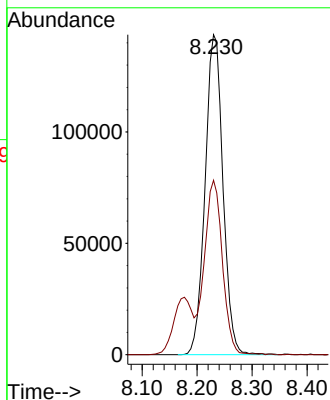
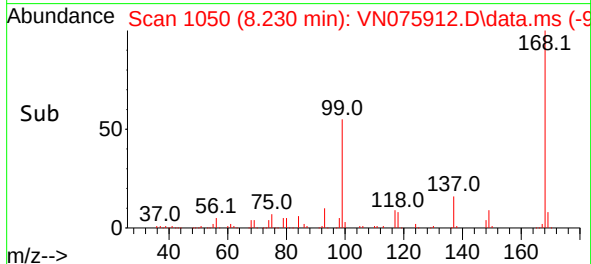
Instrument :
MSVOA_N
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VN1221MBS01



Tgt Ion:168 Resp: 324880
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4

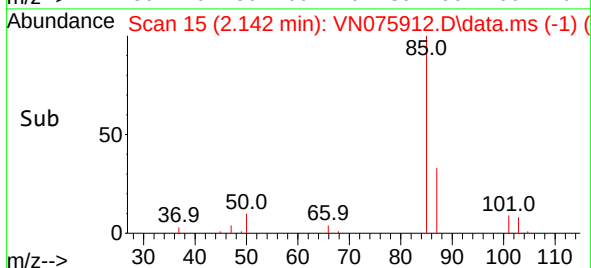
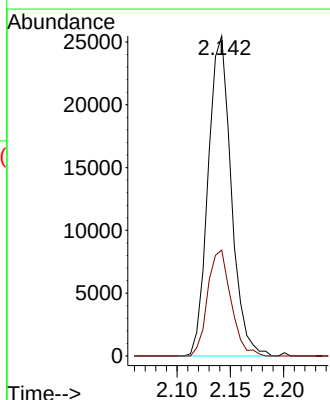
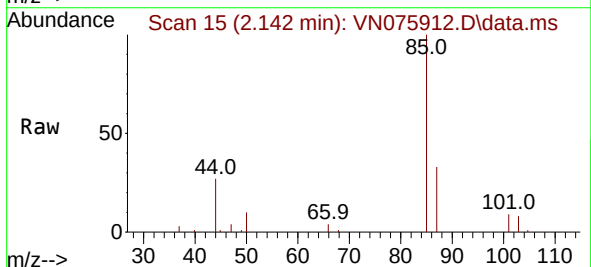
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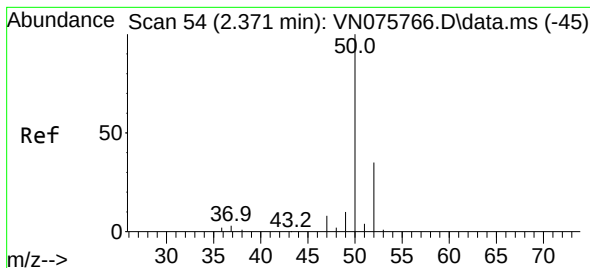
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#2
Dichlorodifluoromethane
Concen: 16.655 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 85 Resp: 38420
Ion Ratio Lower Upper
85 100
87 33.1 16.3 48.9





#3

Chloromethane

Concen: 15.776 ug/l

RT: 2.371 min Scan# 54

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

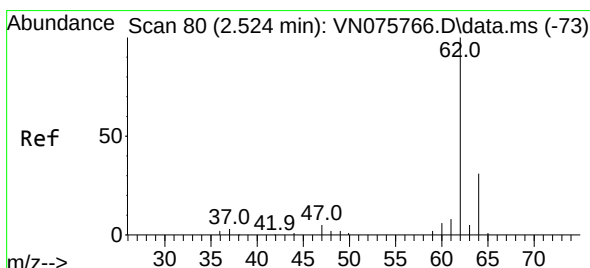
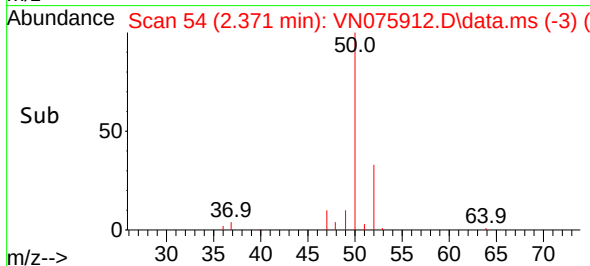
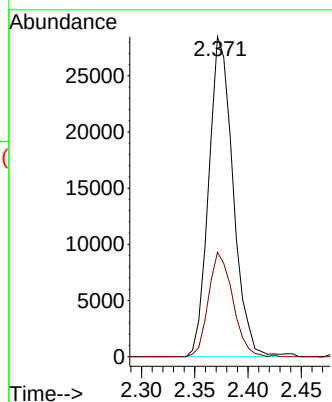
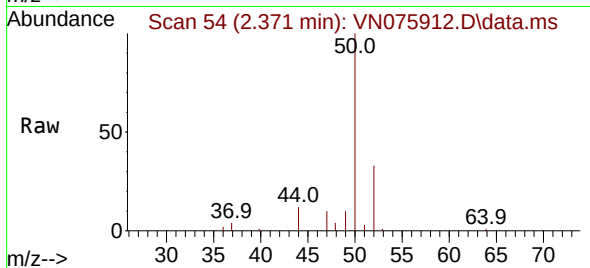
Tgt Ion: 50 Resp: 45252
 Ion Ratio Lower Upper
 50 100
 52 32.6 27.7 41.5

Manual Integrations

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Supervised By :Mahesh Dadoda 12/22/2022



#4

Vinyl Chloride

Concen: 16.205 ug/l

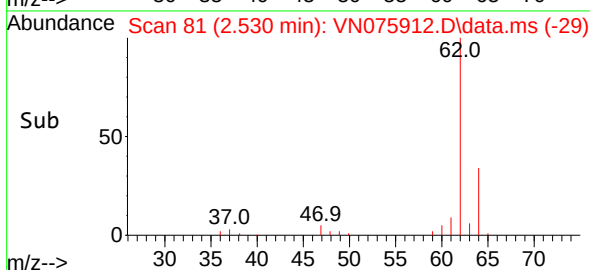
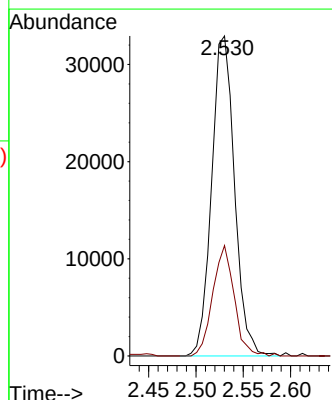
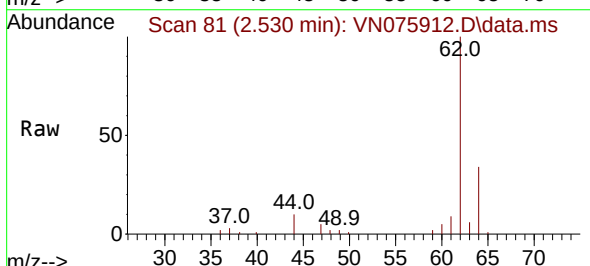
RT: 2.530 min Scan# 81

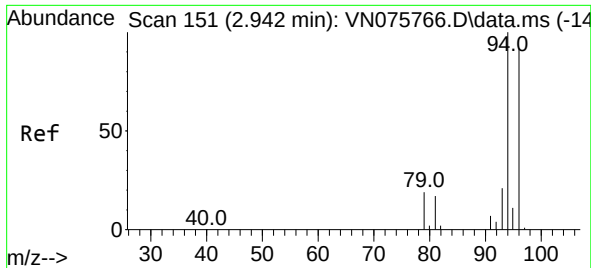
Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Tgt Ion: 62 Resp: 55447
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.9 37.3





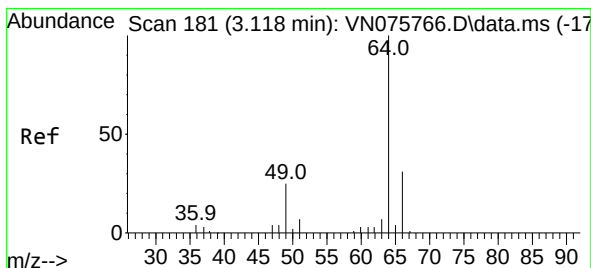
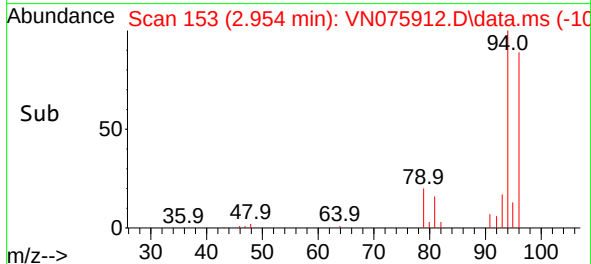
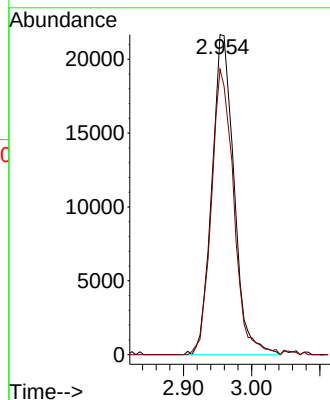
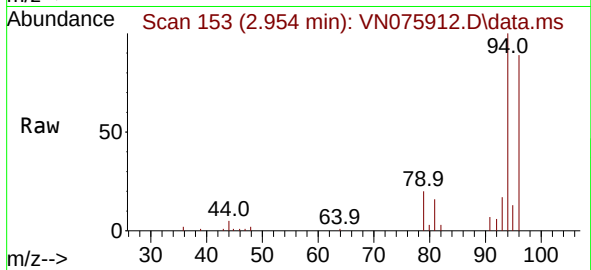
#5
Bromomethane
Concen: 16.872 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
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Tgt Ion: 94 Resp: 4906
Ion Ratio Lower Upper
94 100
96 89.2 73.8 110.6

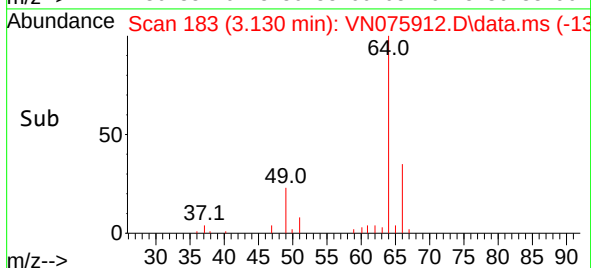
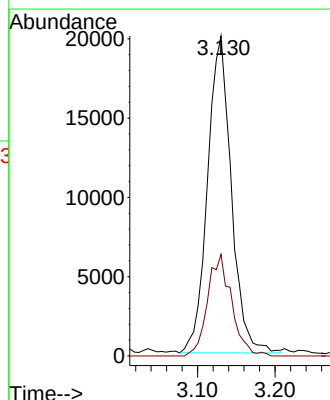
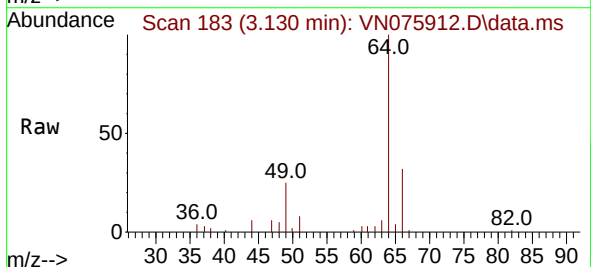
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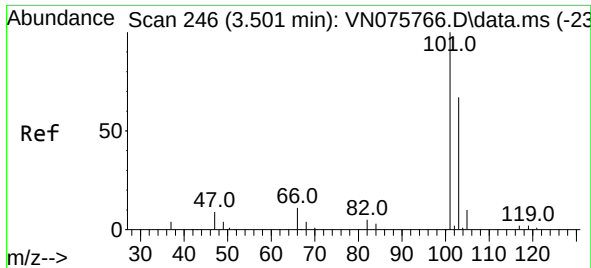
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#6
Chloroethane
Concen: 16.824 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 64 Resp: 42629
Ion Ratio Lower Upper
64 100
66 32.1 24.6 36.8





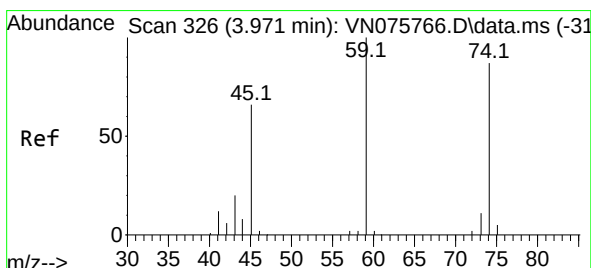
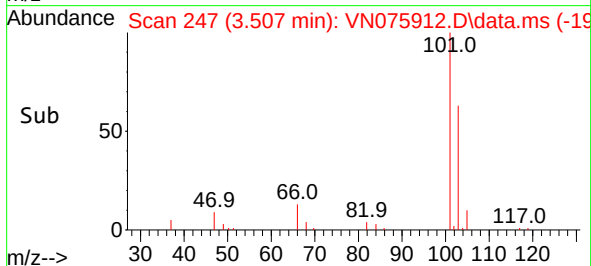
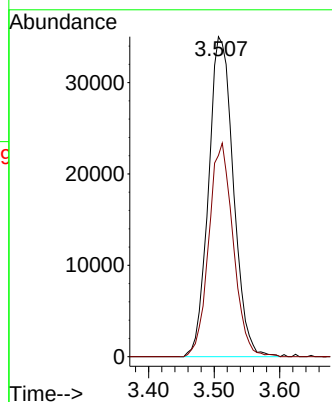
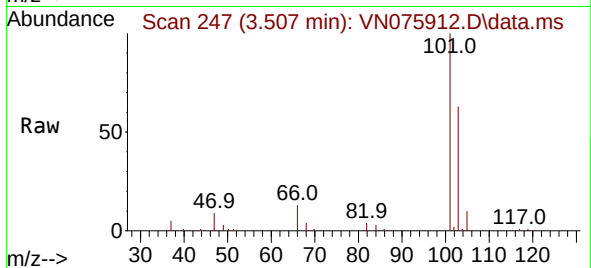
#7
Trichlorofluoromethane
Concen: 17.771 ug/l
RT: 3.507 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:101 Resp: 92260
Ion Ratio Lower Upper
101 100
103 62.9 53.4 80.2

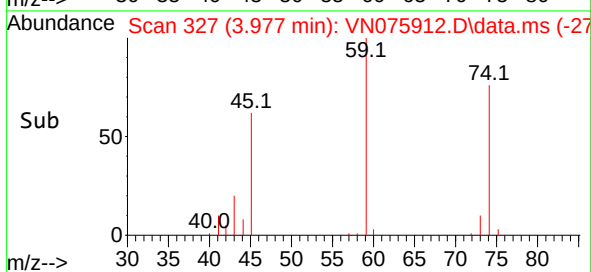
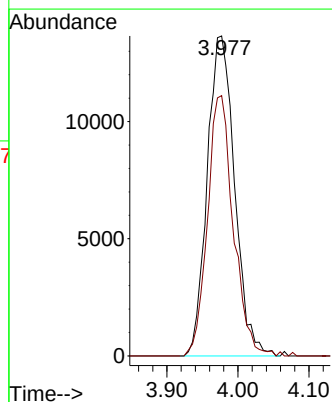
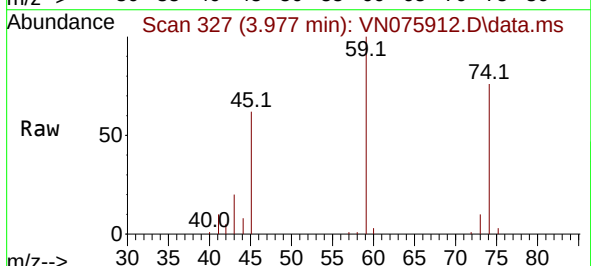
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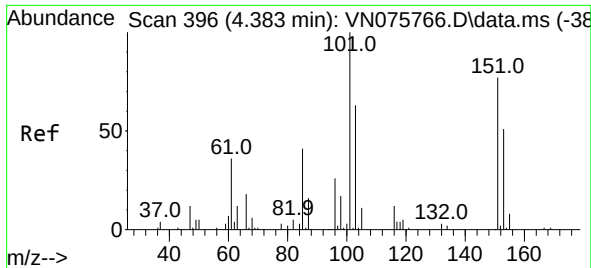
Reviewed By :John Carlone 12/21/2022
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#8
Diethyl Ether
Concen: 19.276 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN075912.D
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Tgt Ion: 74 Resp: 36554
Ion Ratio Lower Upper
74 100
45 76.9 37.8 113.4





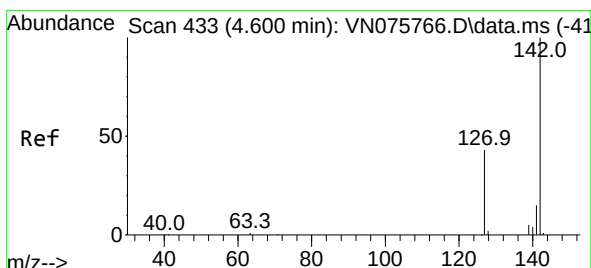
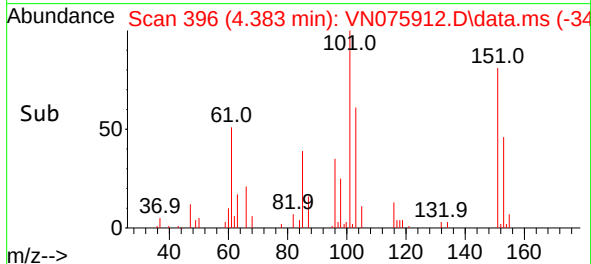
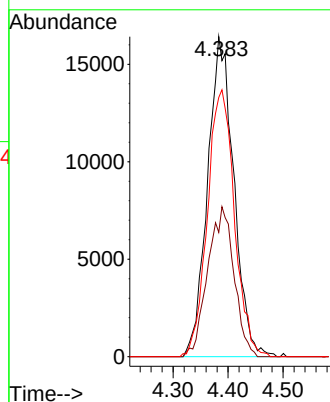
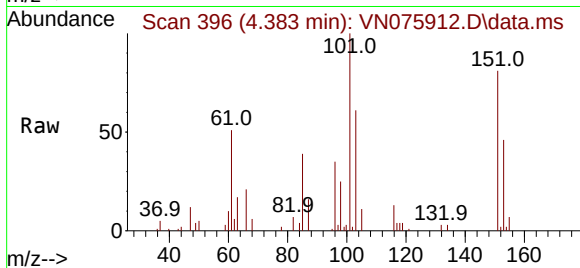
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.354 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:101 Resp: 54414
Ion Ratio Lower Upper
101 100
85 47.0 35.3 52.9
151 85.9 65.6 98.4

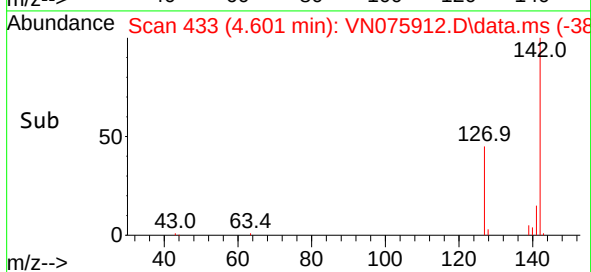
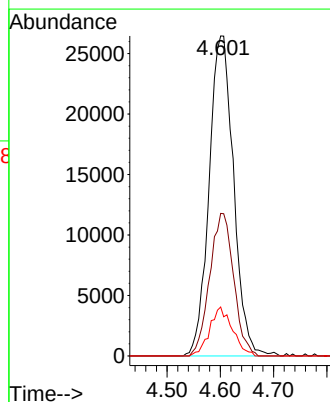
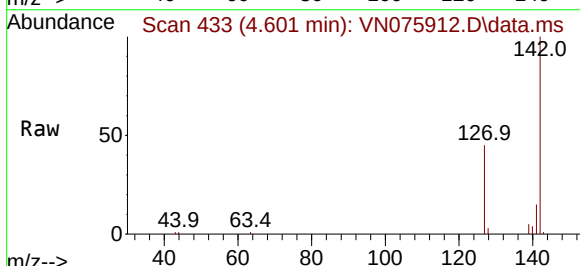
Manual Integrations
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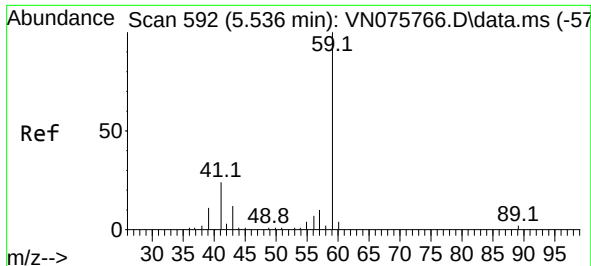
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#10
Methyl Iodide
Concen: 17.565 ug/l
RT: 4.601 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:142 Resp: 84510
Ion Ratio Lower Upper
142 100
127 43.5 34.7 52.1
141 14.2 11.4 17.2





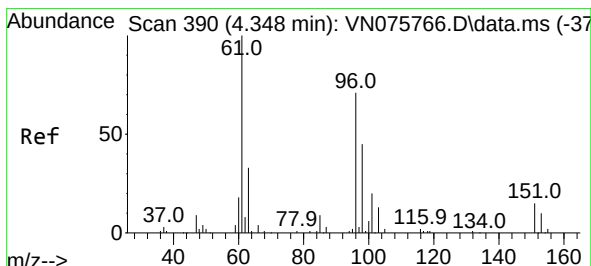
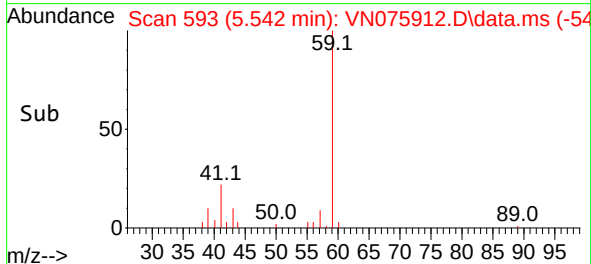
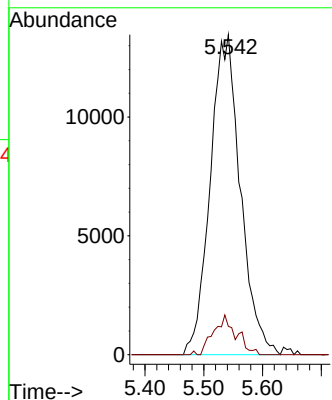
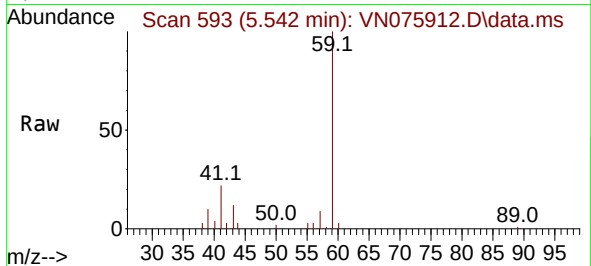
#11
Tert butyl alcohol
Concen: 95.900 ug/l
RT: 5.542 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 59 Resp: 4796
Ion Ratio Lower Upper
59 100
57 9.4 8.2 12.4

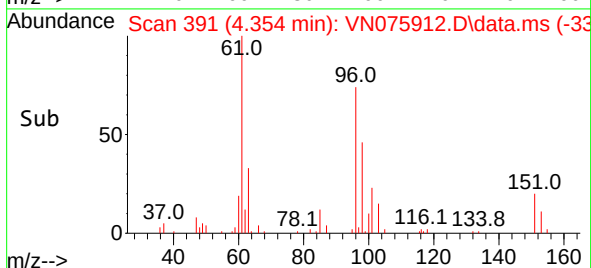
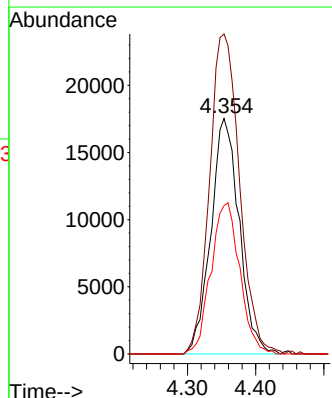
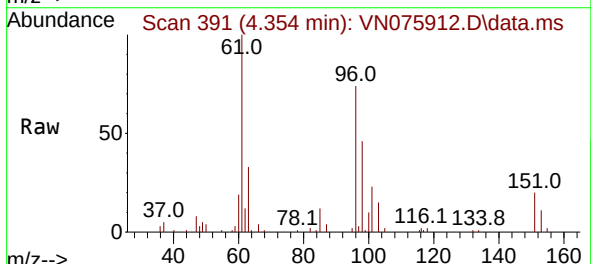
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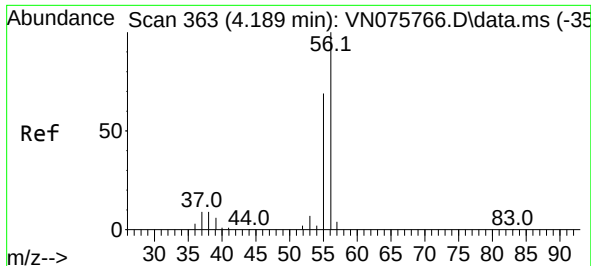
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#12
1,1-Dichloroethene
Concen: 17.561 ug/l
RT: 4.354 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

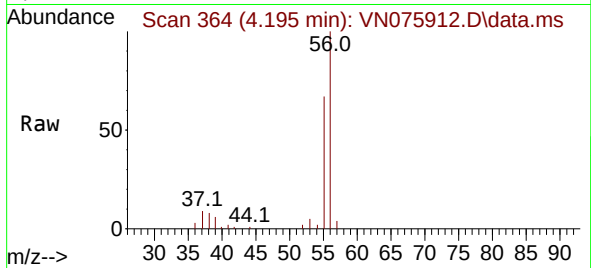
Tgt Ion: 96 Resp: 50566
Ion Ratio Lower Upper
96 100
61 135.9 113.3 169.9
98 63.0 50.9 76.3





#13
Acrolein
Concen: 135.239 ug/l
RT: 4.195 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

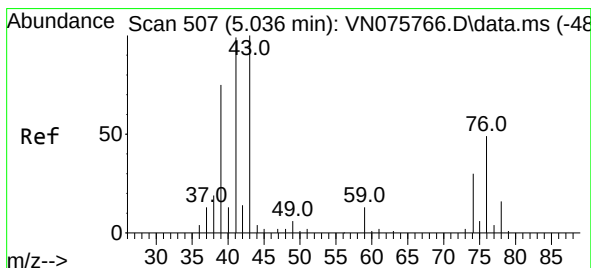
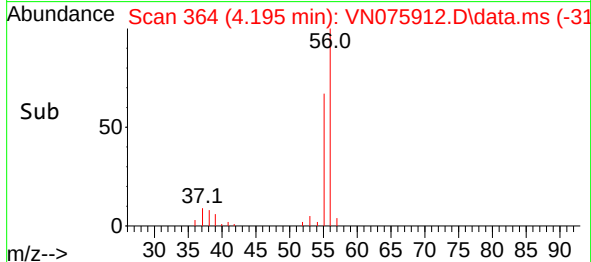
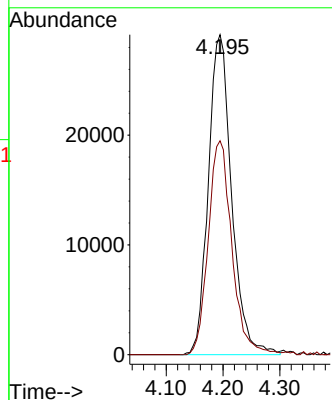
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 56 Resp: 82918
Ion Ratio Lower Upper
56 100
55 67.8 54.8 82.2

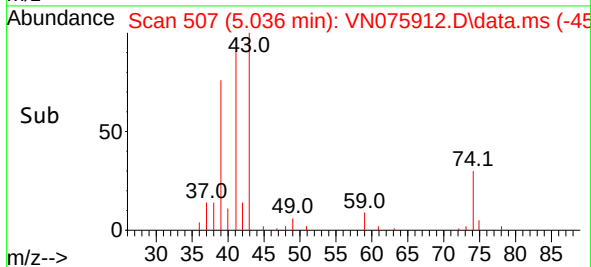
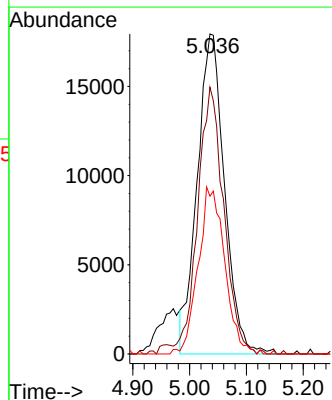
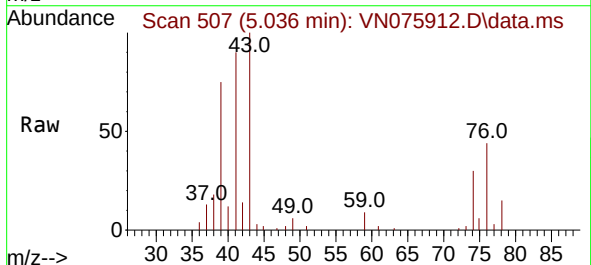
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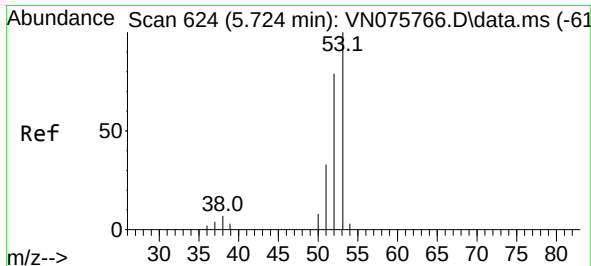
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#14
Allyl chloride
Concen: 17.793 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

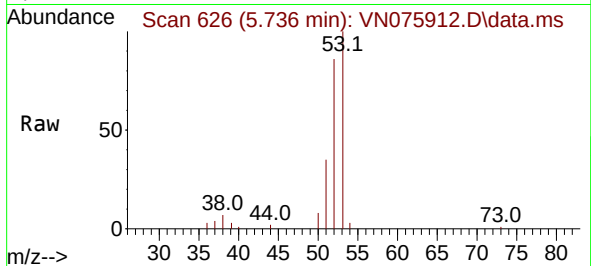
Tgt Ion: 41 Resp: 59892
Ion Ratio Lower Upper
41 100
39 79.3 58.3 87.5
76 50.6 35.8 53.6





#15
Acrylonitrile
Concen: 93.683 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

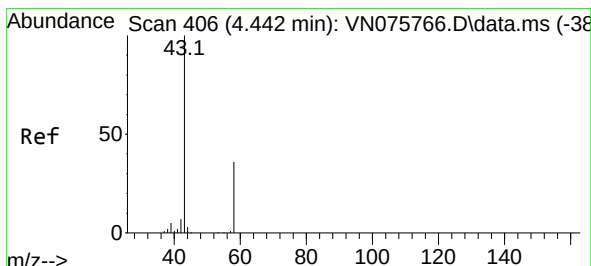
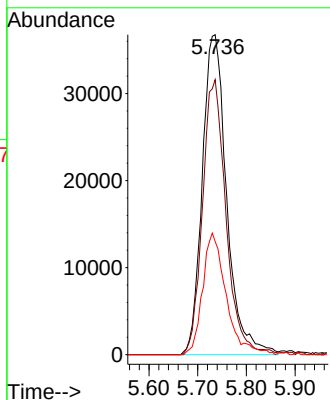
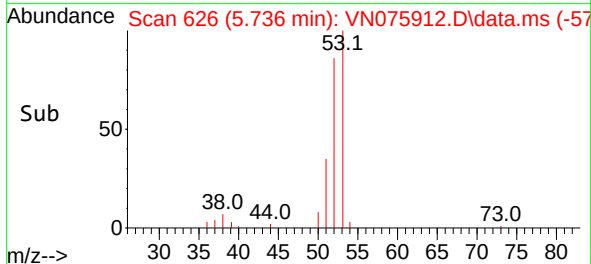
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 53 Resp: 127850
Ion Ratio Lower Upper
53 100
52 82.8 65.4 98.0
51 36.6 28.9 43.3

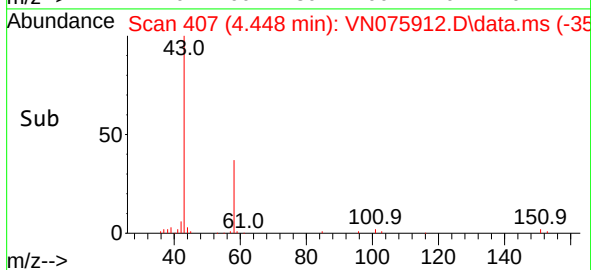
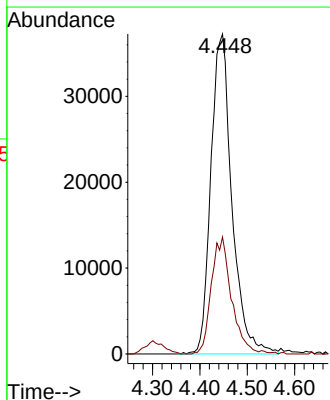
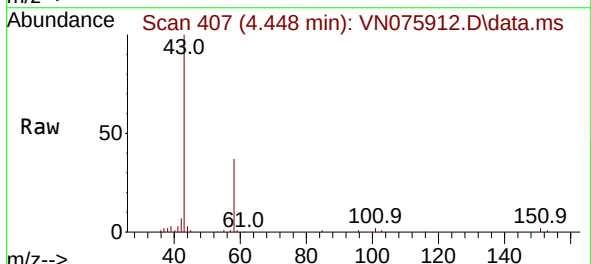
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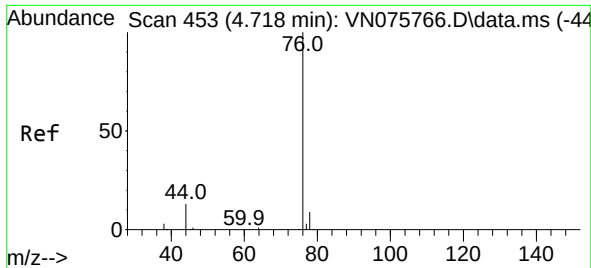
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#16
Acetone
Concen: 94.267 ug/l
RT: 4.448 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 114853
Ion Ratio Lower Upper
43 100
58 36.5 28.6 43.0





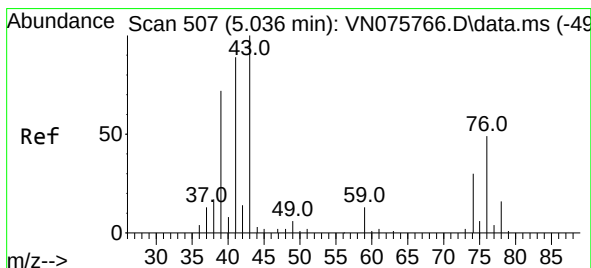
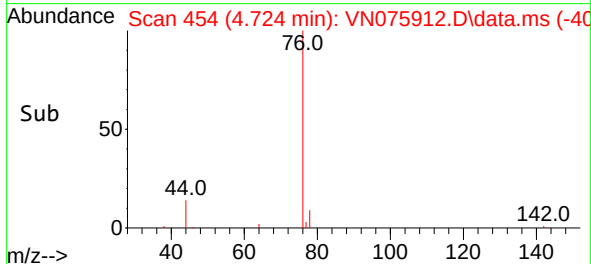
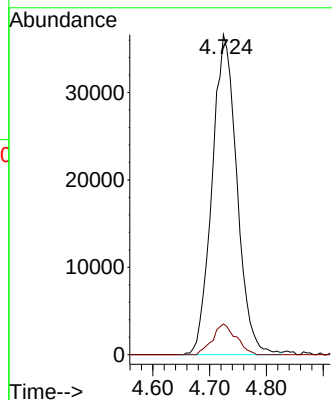
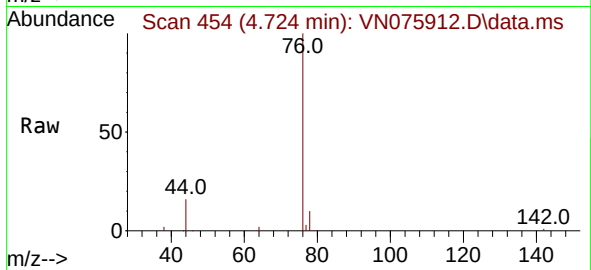
#17
Carbon Disulfide
Concen: 15.962 ug/l
RT: 4.724 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 76 Resp: 111280
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2

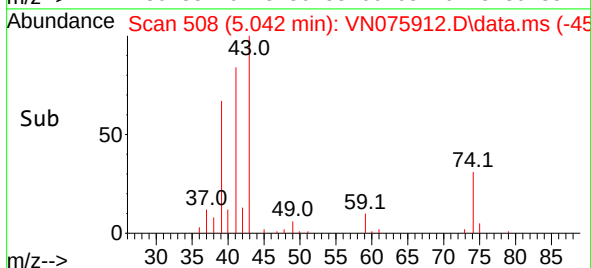
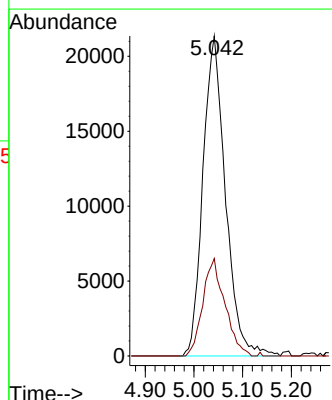
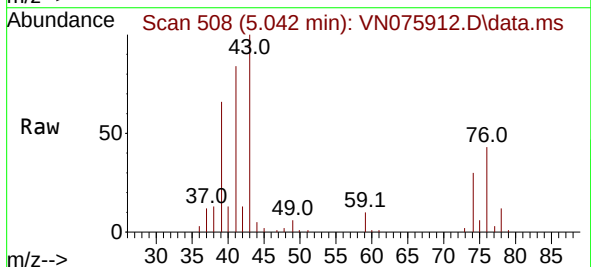
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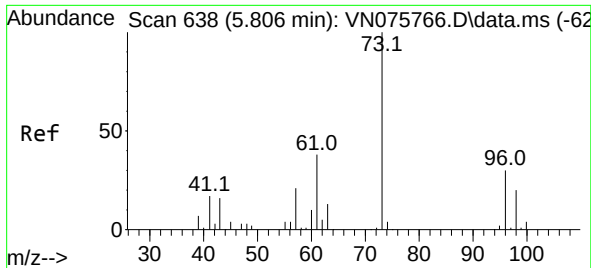
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#18
Methyl Acetate
Concen: 19.057 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 68632
Ion Ratio Lower Upper
43 100
74 29.8 23.6 35.4





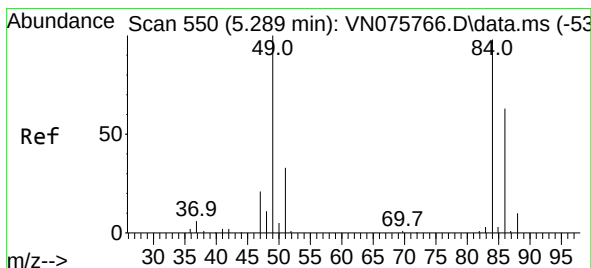
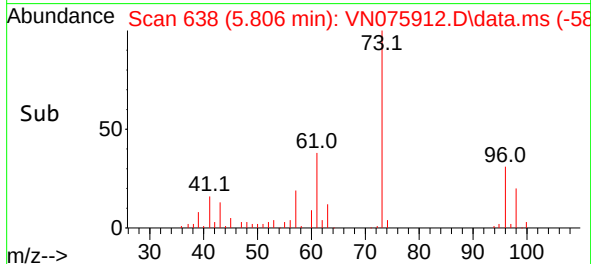
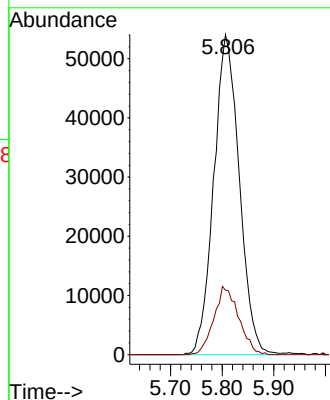
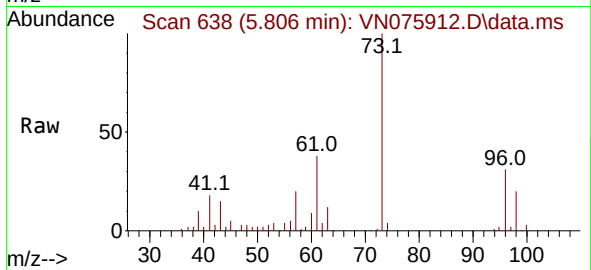
#19
Methyl tert-butyl Ether
Concen: 19.527 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 73 Resp: 185158
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7

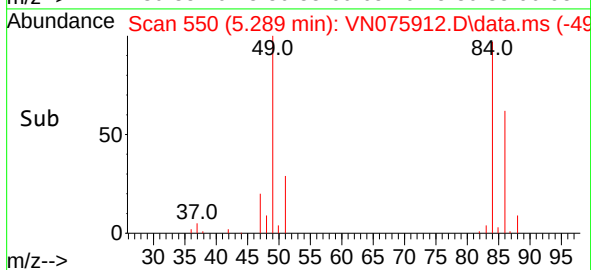
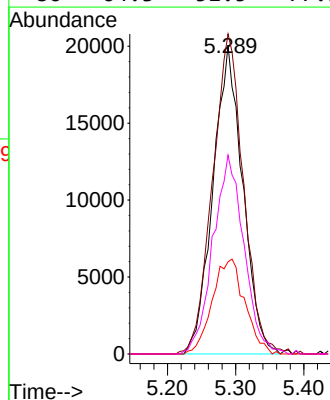
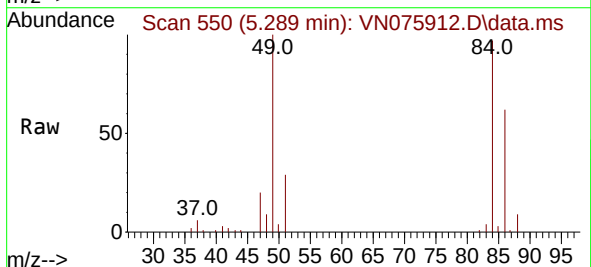
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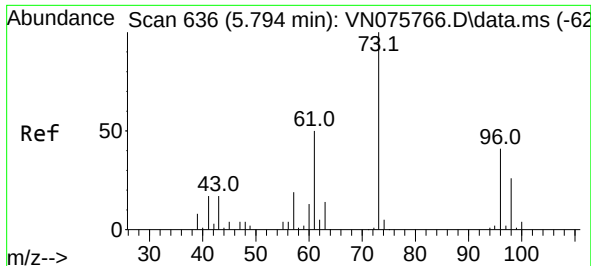
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#20
Methylene Chloride
Concen: 18.247 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

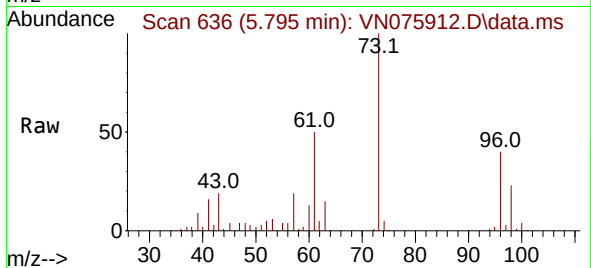
Tgt Ion: 84 Resp: 60798
Ion Ratio Lower Upper
84 100
49 102.8 81.8 122.6
51 29.8 26.7 40.1
86 64.3 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 17.779 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

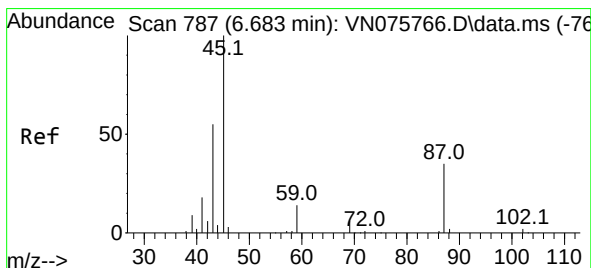
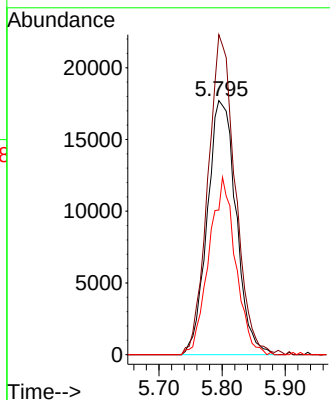
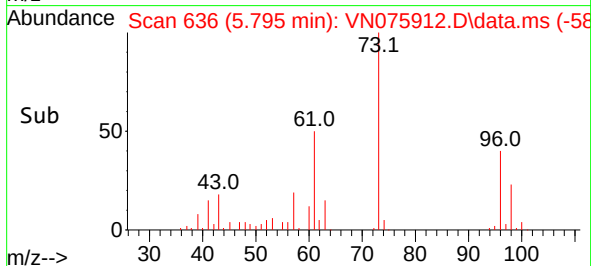
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



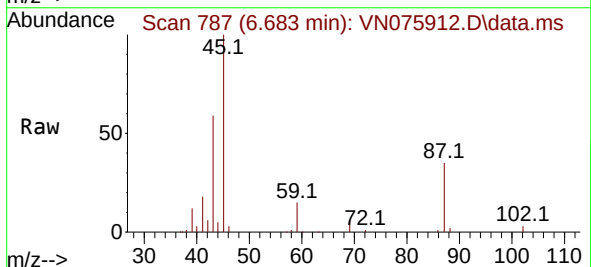
Tgt Ion: 96 Resp: 56064
Ion Ratio Lower Upper
96 100
61 125.9 98.1 147.1
98 56.9 51.4 77.2

Manual Integrations
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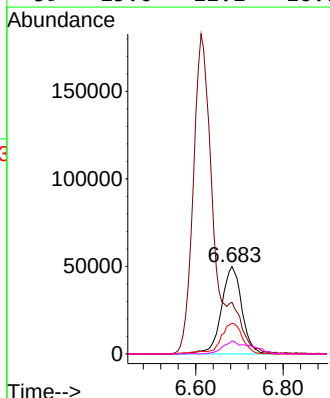
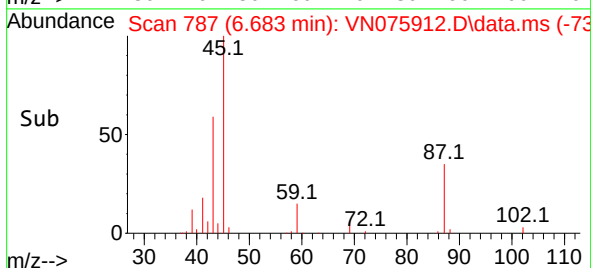
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

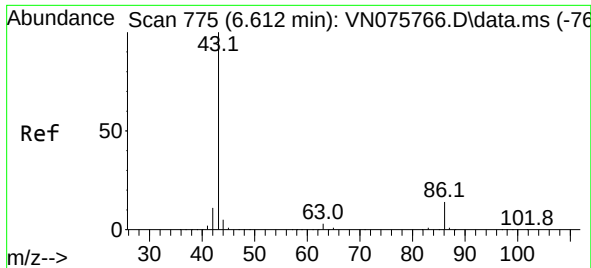


#22
Diisopropyl ether
Concen: 19.718 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion: 45 Resp: 161233
Ion Ratio Lower Upper
45 100
43 58.4 44.2 66.4
87 35.2 28.3 42.5
59 15.0 11.1 16.7





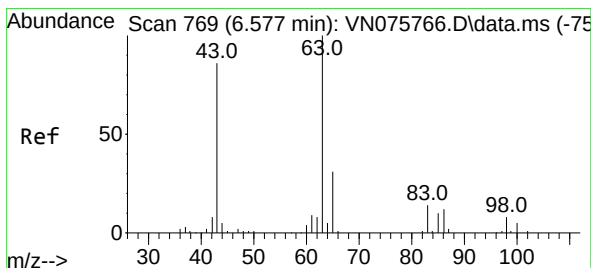
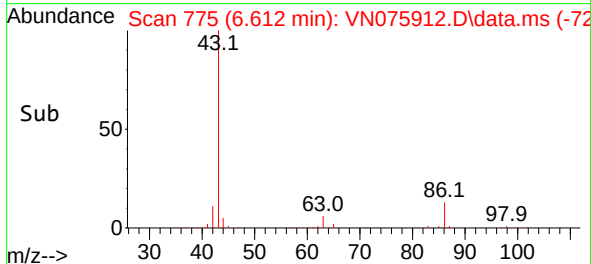
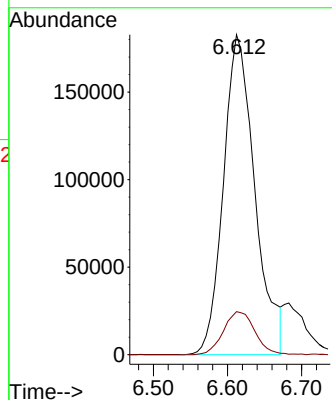
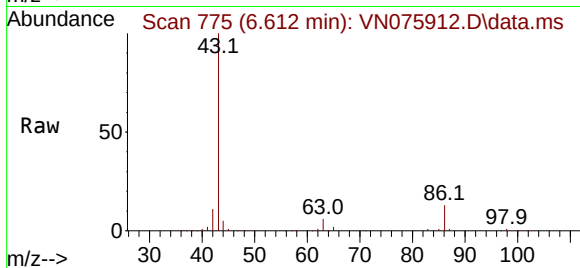
#23
 Vinyl Acetate
 Concen: 97.884 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion: 43 Resp: 53871
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.4 17.2

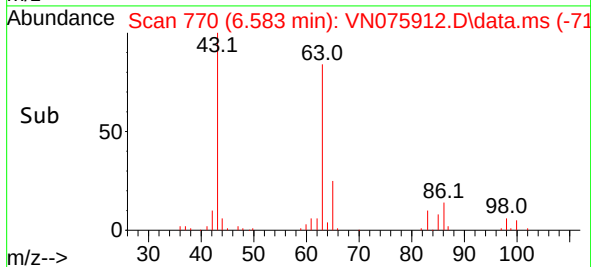
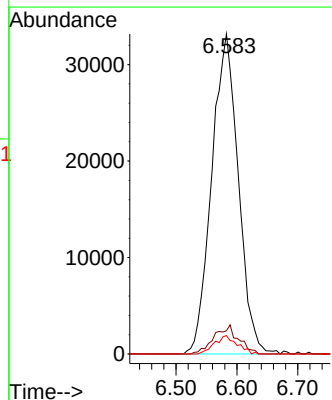
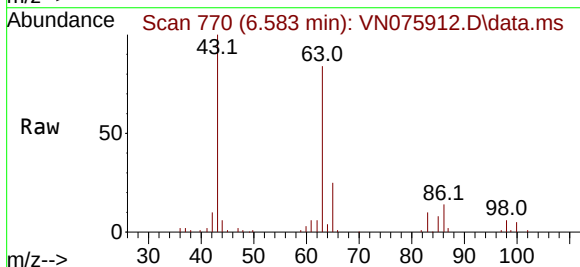
Manual Integrations
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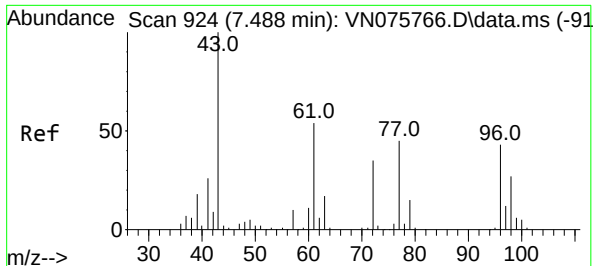
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#24
 1,1-Dichloroethane
 Concen: 18.486 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Tgt Ion: 63 Resp: 100811
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.9 11.5
 100 5.7 2.5 7.6





#25

2-Butanone

Concen: 99.685 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 43 Resp: 17005

Ion Ratio Lower Upper

43 100

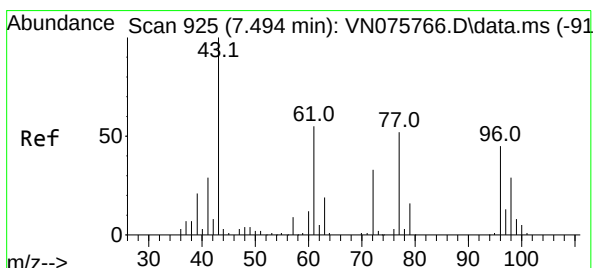
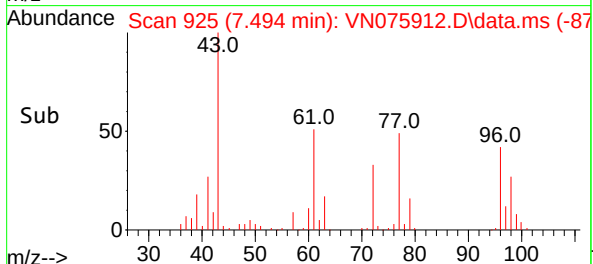
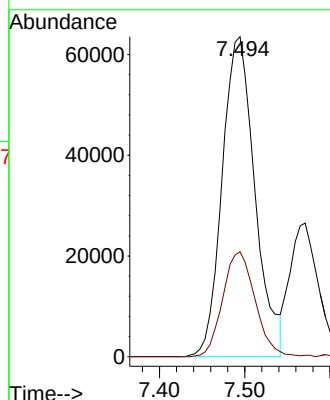
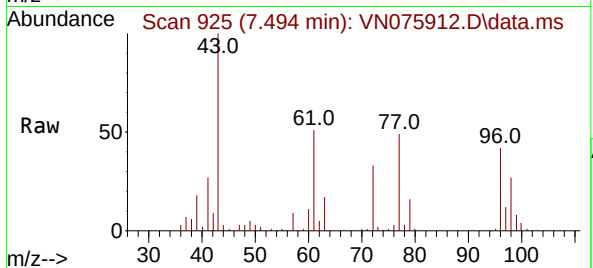
72 32.8 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#26

2,2-Dichloropropane

Concen: 19.148 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075912.D

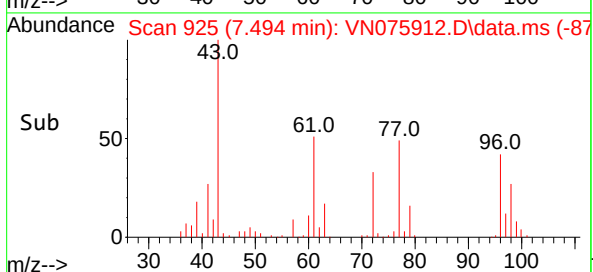
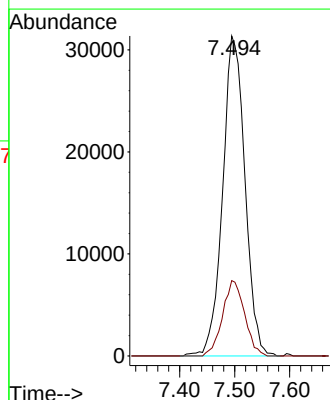
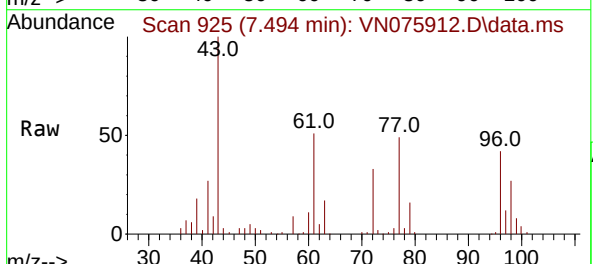
Acq: 21 Dec 2022 12:17

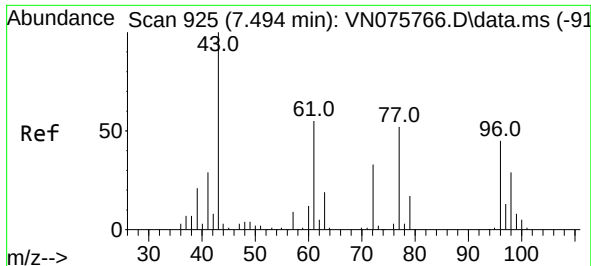
Tgt Ion: 77 Resp: 88428

Ion Ratio Lower Upper

77 100

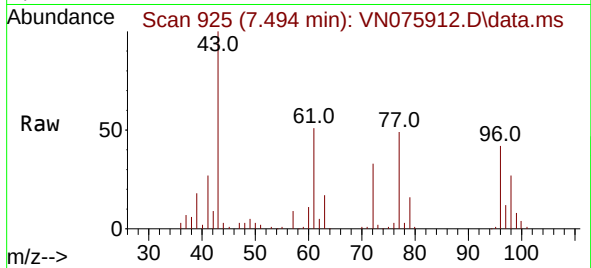
97 23.3 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 18.921 ug/l
 RT: 7.494 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

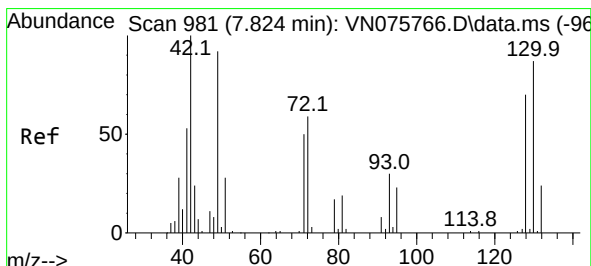
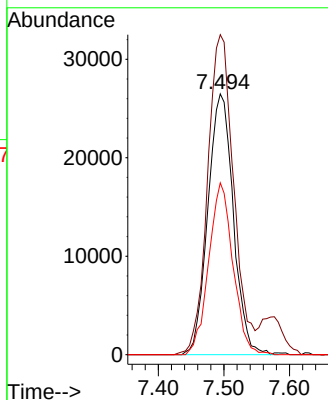
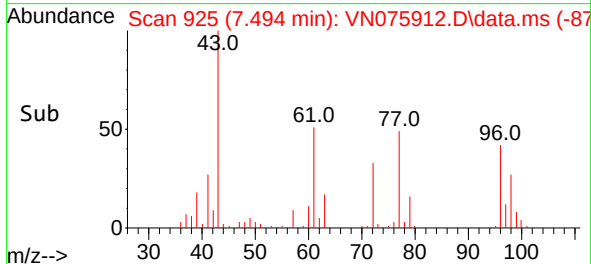
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01



Tgt Ion: 96 Resp: 71360
 Ion Ratio Lower Upper
 96 100
 61 125.7 0.0 247.8
 98 62.8 0.0 128.4

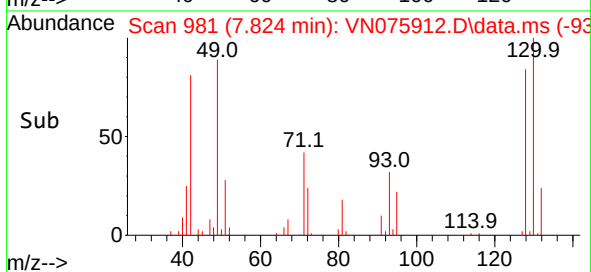
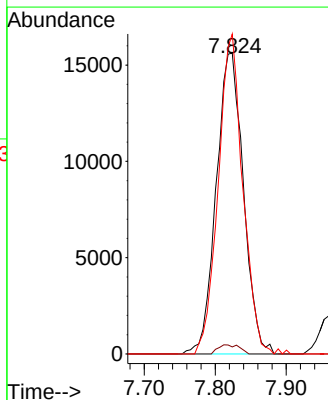
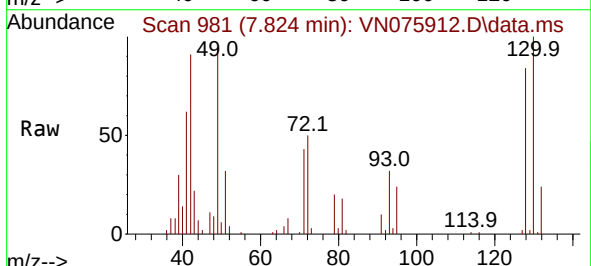
Manual Integrations
 APPROVED

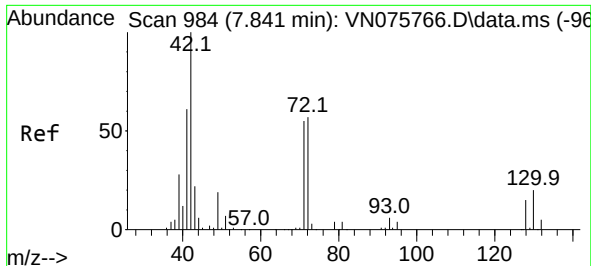
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#28
 Bromochloromethane
 Concen: 17.388 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

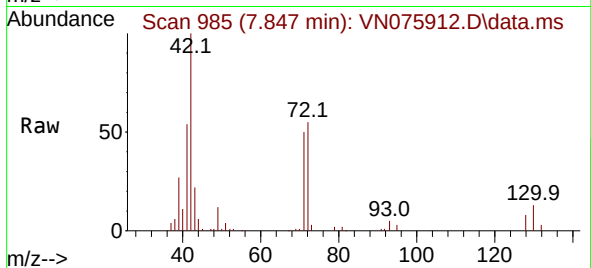
Tgt Ion: 49 Resp: 41560
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 5.0
 130 95.9 77.0 115.4





#29
Tetrahydrofuran
Concen: 98.705 ug/l
RT: 7.847 min Scan# 984
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

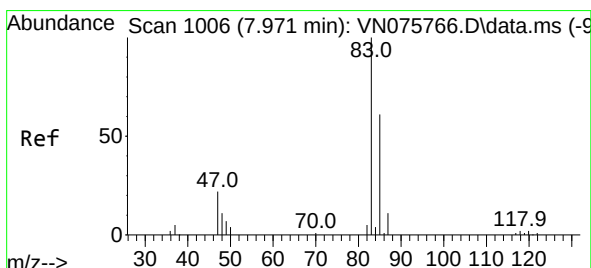
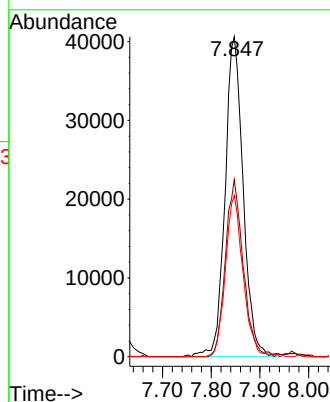
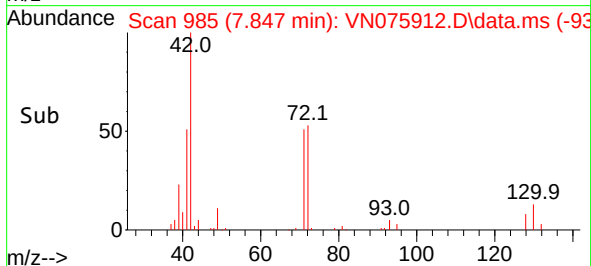
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



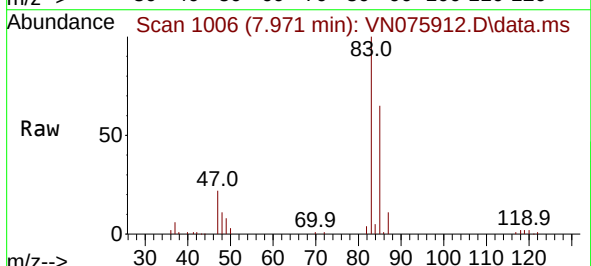
Tgt Ion: 42 Resp: 10552
Ion Ratio Lower Upper
42 100
72 53.9 44.5 66.7
71 49.1 41.0 61.6

Manual Integrations
APPROVED

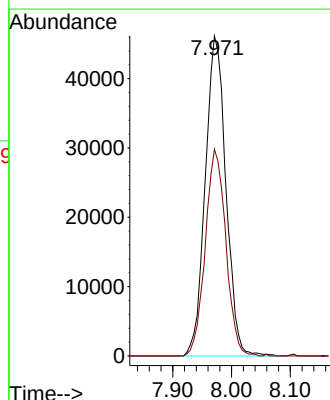
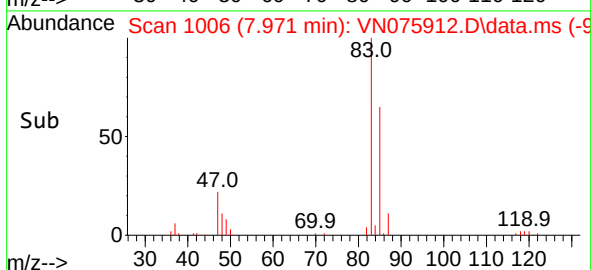
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

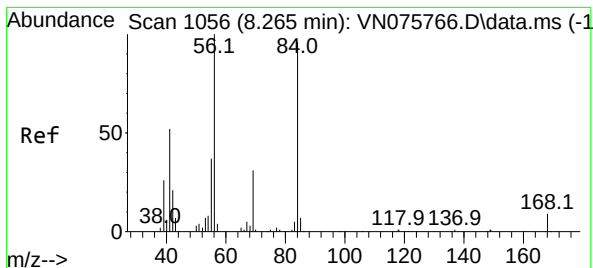


#30
Chloroform
Concen: 18.357 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion: 83 Resp: 112712
Ion Ratio Lower Upper
83 100
85 64.6 49.1 73.7





#31

Cyclohexane

Concen: 17.223 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

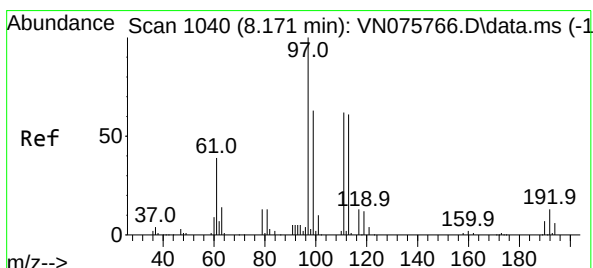
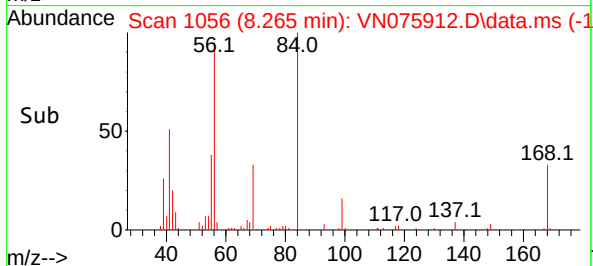
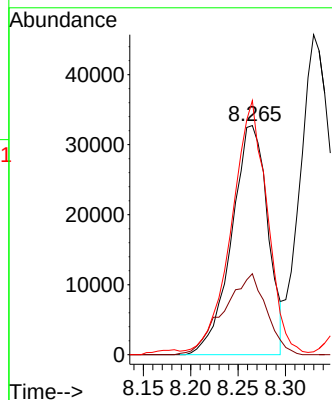
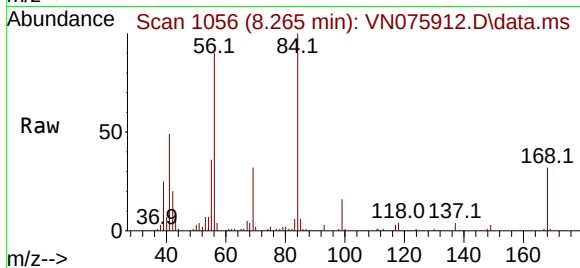
Tgt Ion:	56	Resp:	8718
Ion Ratio	Lower	Upper	
56	100		
69	34.8	24.7	37.1
84	109.4	76.5	114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#32

1,1,1-Trichloroethane

Concen: 18.411 ug/l

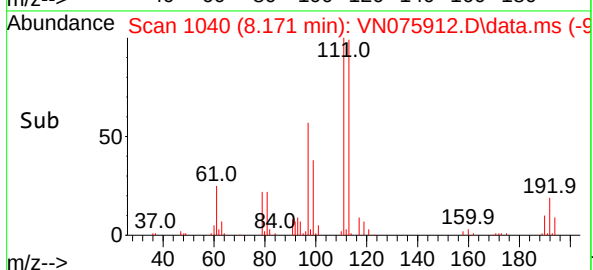
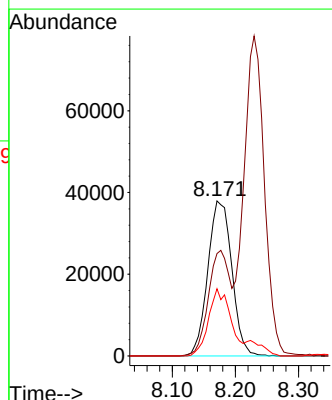
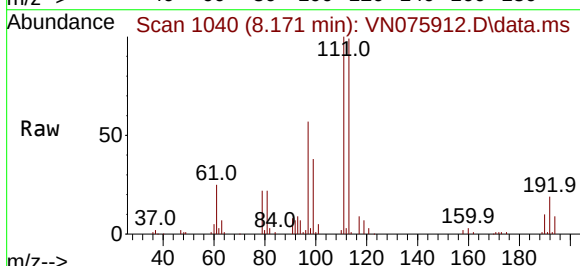
RT: 8.171 min Scan# 1040

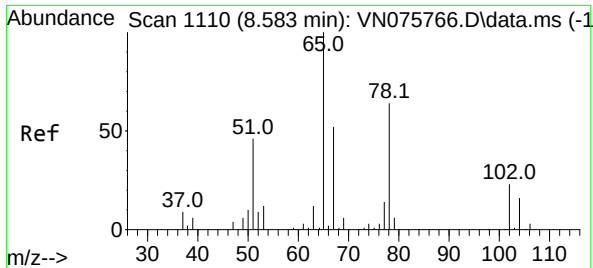
Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Tgt Ion:	97	Resp:	100215
Ion Ratio	Lower	Upper	
97	100		
99	60.6	50.2	75.2
61	39.8	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 50.628 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 65 Resp: 178940

Ion Ratio Lower Upper

65 100

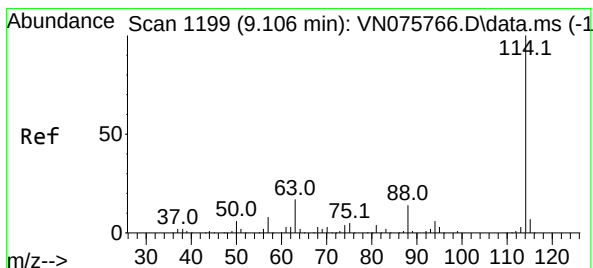
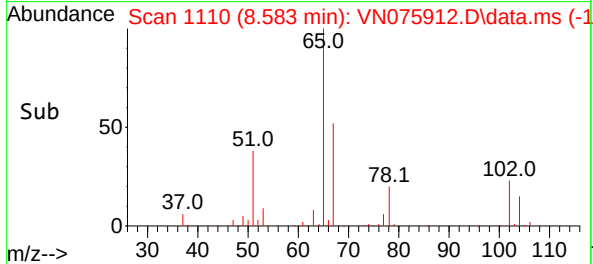
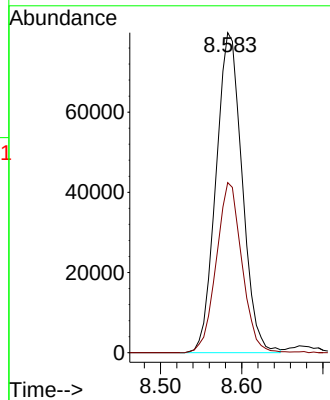
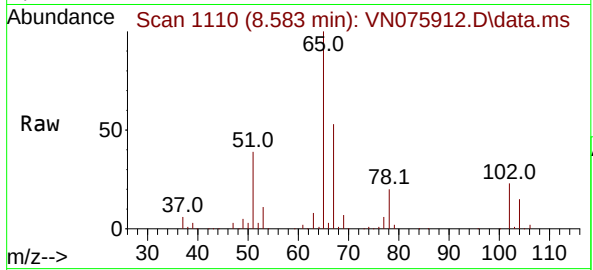
67 52.0 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

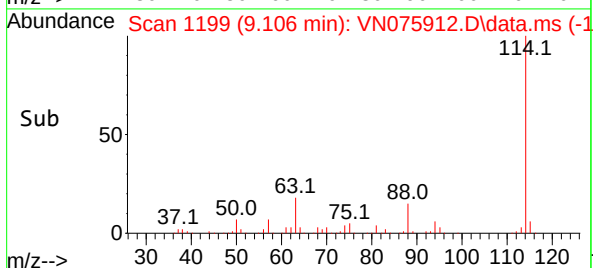
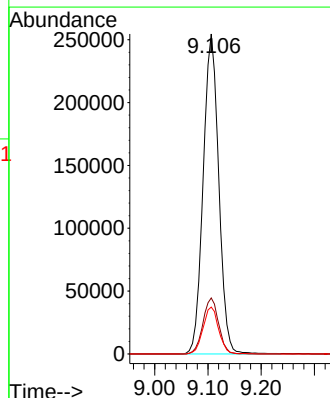
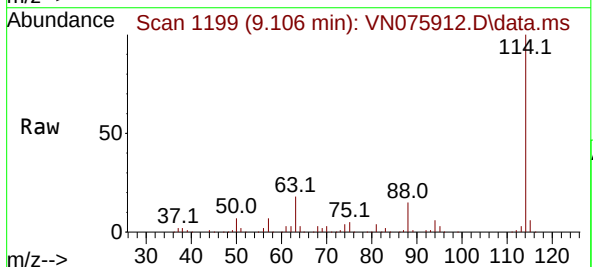
Tgt Ion:114 Resp: 516345

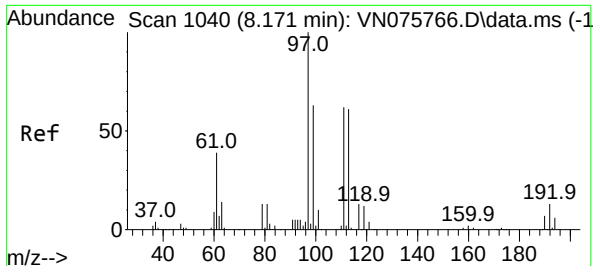
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.161 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 113 Resp: 163590

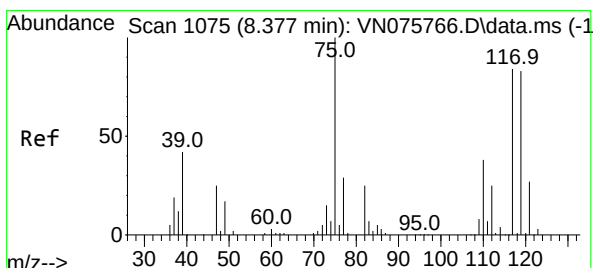
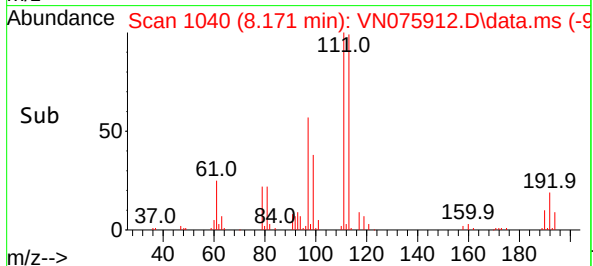
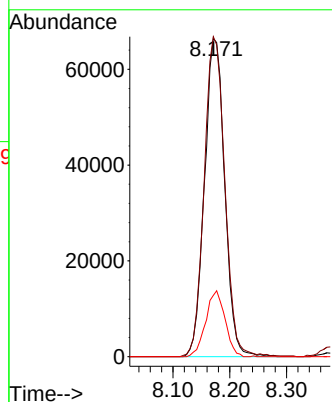
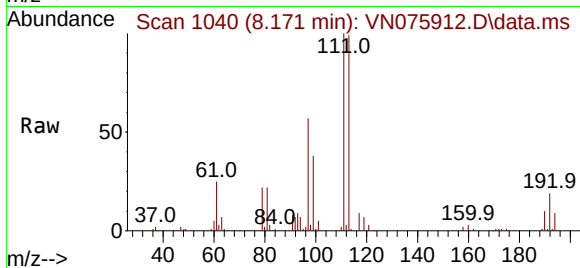
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.2
192	19.8	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#36

1,1-Dichloropropene

Concen: 18.558 ug/l

RT: 8.377 min Scan# 1075

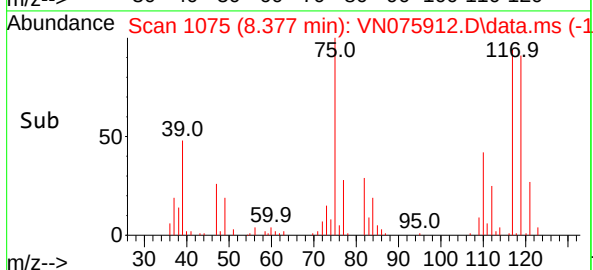
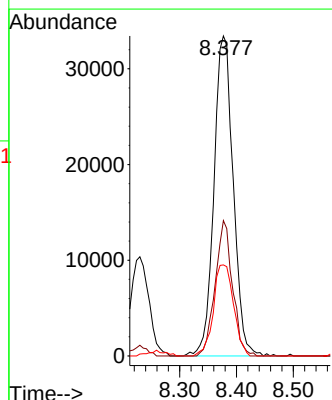
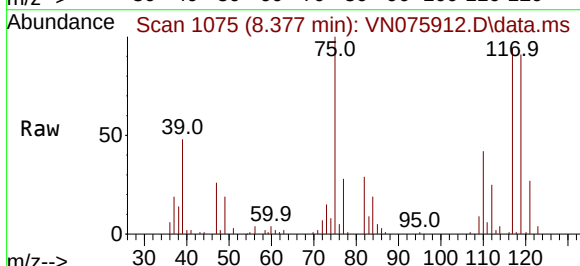
Delta R.T. 0.000 min

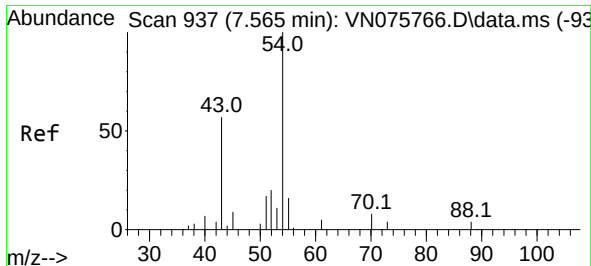
Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 78829

Ion	Ratio	Lower	Upper
75	100		
110	38.0	18.8	56.4
77	29.8	24.1	36.1





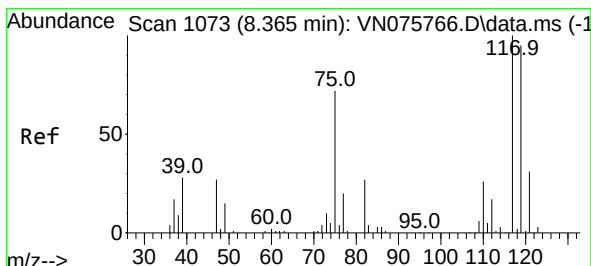
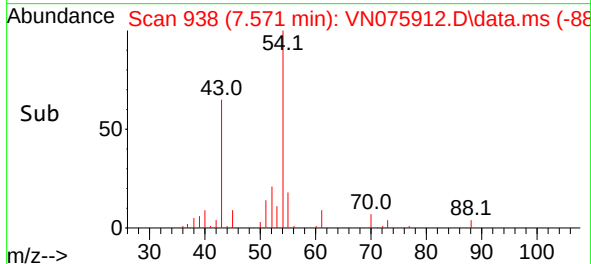
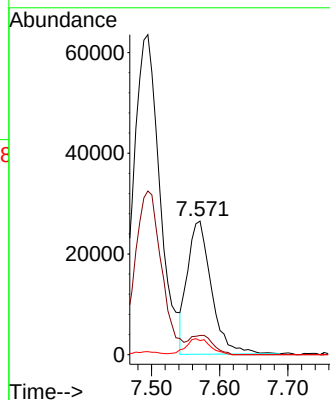
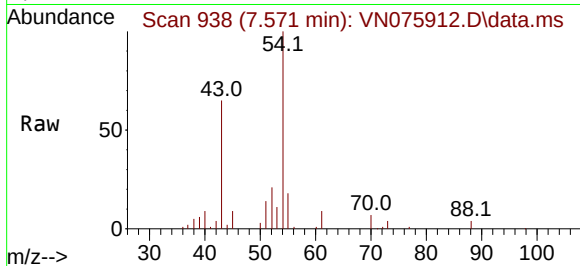
#37
Ethyl Acetate
Concen: 18.776 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 43 Resp: 64062
Ion Ratio Lower Upper
43 100
61 14.7 13.0 19.4
70 12.2 9.4 14.0

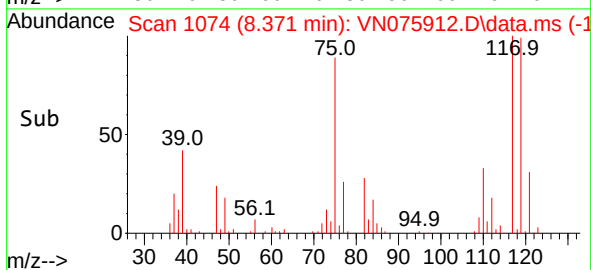
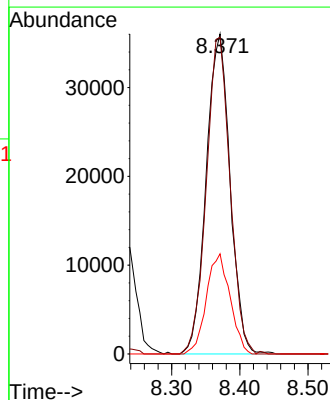
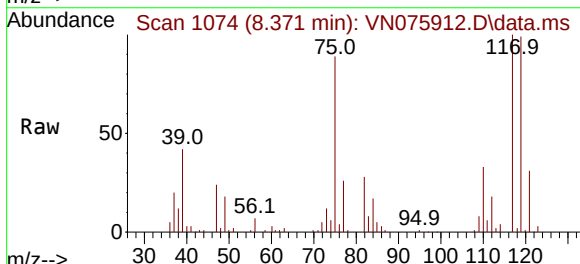
Manual Integrations
APPROVED

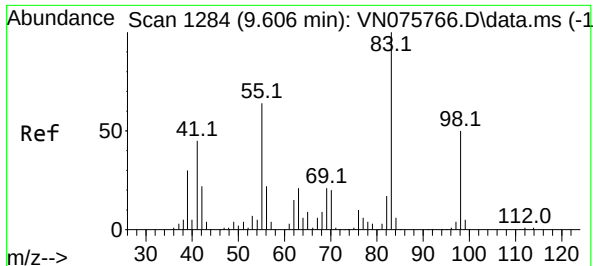
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#38
Carbon Tetrachloride
Concen: 18.469 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

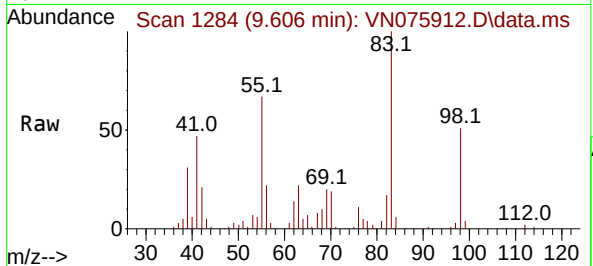
Tgt Ion:117 Resp: 87804
Ion Ratio Lower Upper
117 100
119 99.0 76.1 114.1
121 31.3 24.5 36.7





#39
Methylcyclohexane
Concen: 19.328 ug/l
RT: 9.606 min Scan# 11284
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

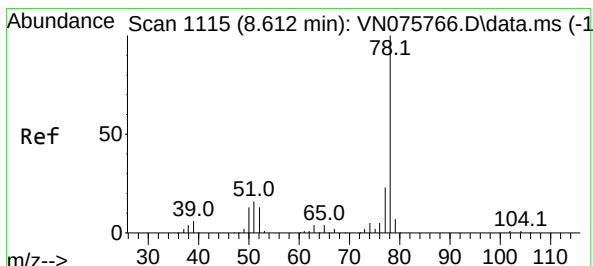
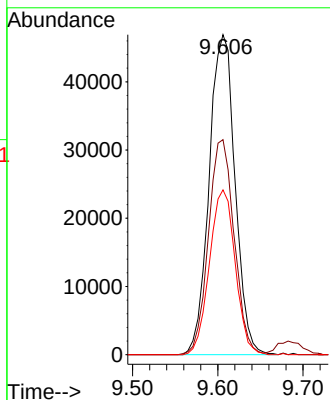
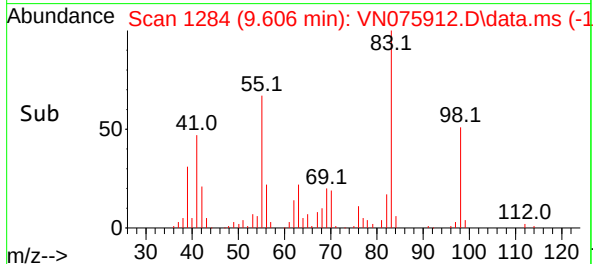
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 83 Resp: 99049
Ion Ratio Lower Upper
83 100
55 67.2 51.4 77.0
98 51.5 39.8 59.8

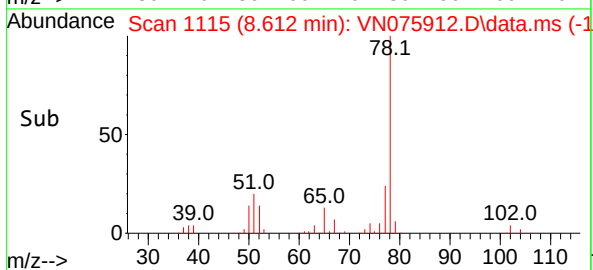
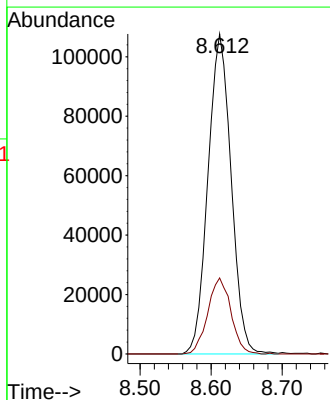
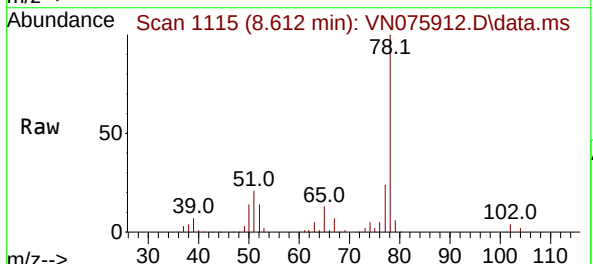
Manual Integrations
APPROVED

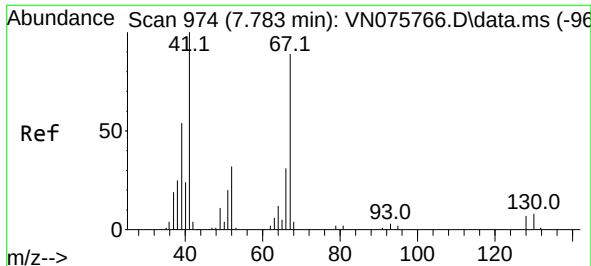
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#40
Benzene
Concen: 18.590 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

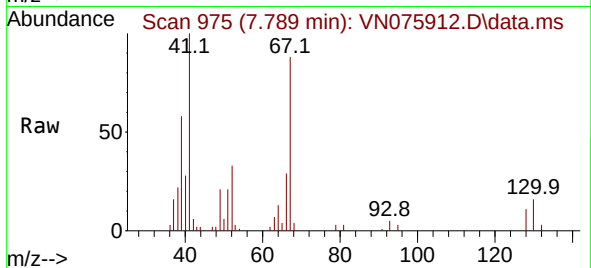
Tgt Ion: 78 Resp: 243639
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7





#41
Methacrylonitrile
Concen: 19.739 ug/l
RT: 7.789 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

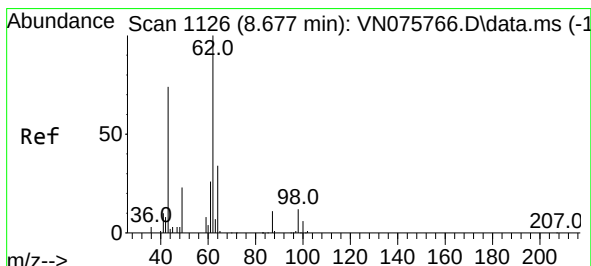
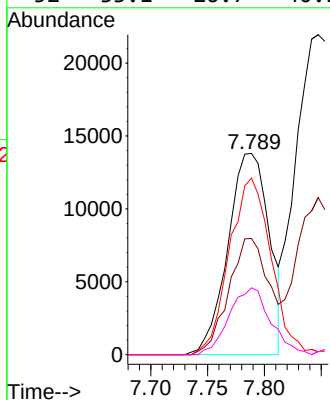
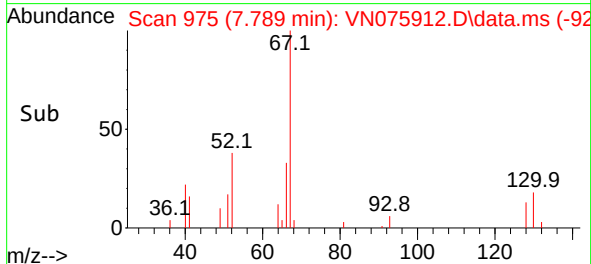
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



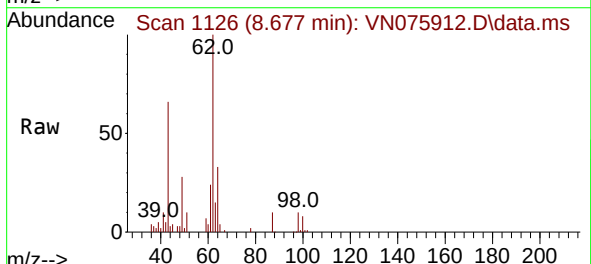
Tgt Ion: 41 Resp: 35000
Ion Ratio Lower Upper
41 100
39 56.0 43.1 64.7
67 89.4 70.7 106.1
52 33.1 26.7 40.1

Manual Integrations
APPROVED

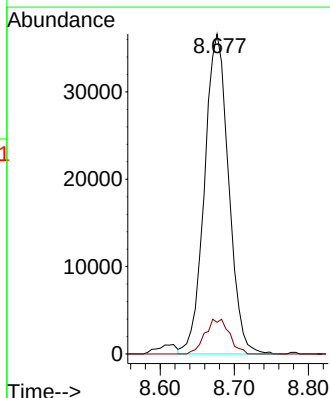
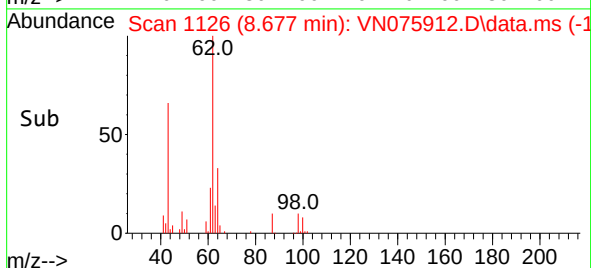
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

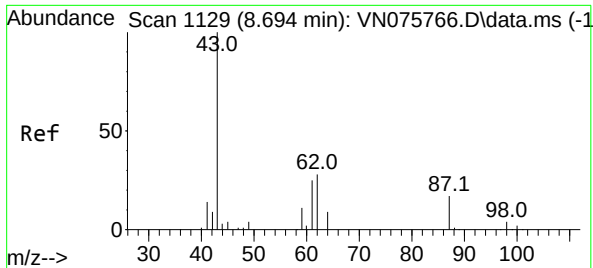


#42
1,2-Dichloroethane
Concen: 19.008 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion: 62 Resp: 82819
Ion Ratio Lower Upper
62 100
98 10.9 0.0 20.8





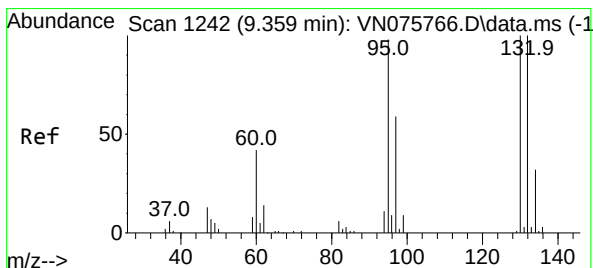
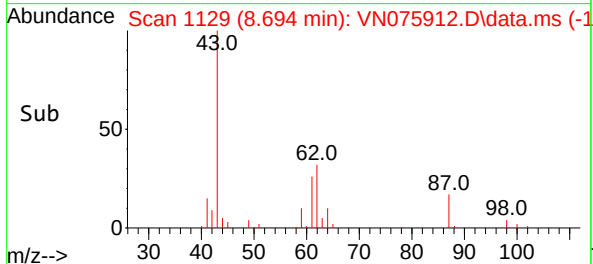
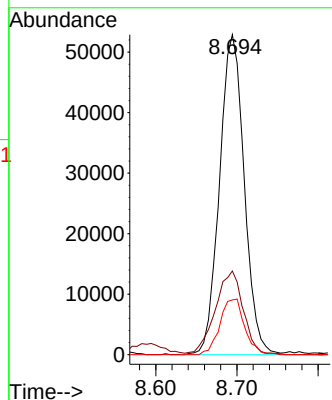
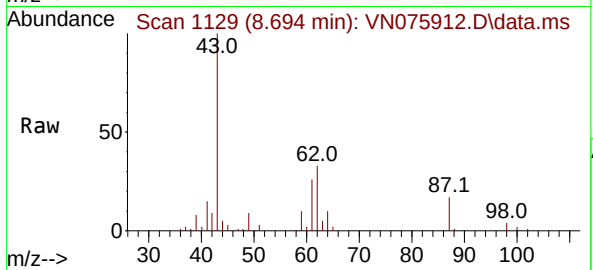
#43
Isopropyl Acetate
Concen: 19.881 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 43 Resp: 11189
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 17.4 13.3 19.9

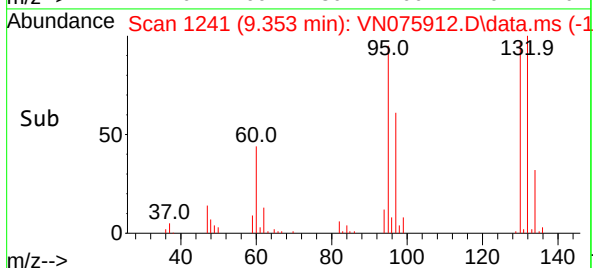
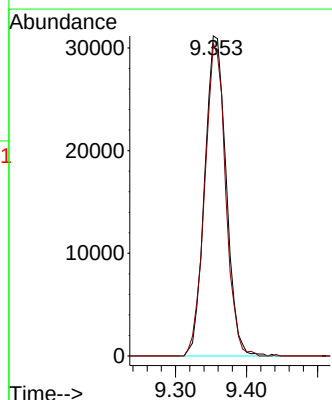
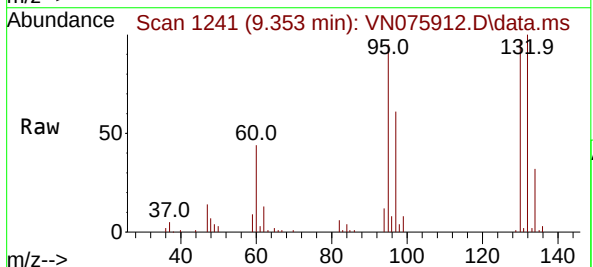
Manual Integrations
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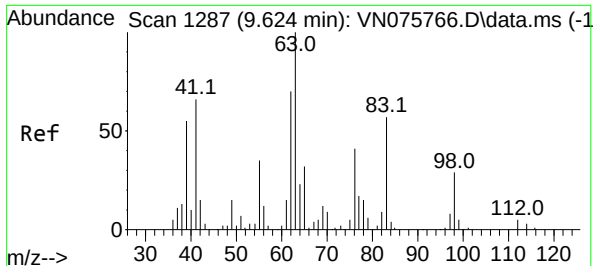
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#44
Trichloroethene
Concen: 17.690 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:130 Resp: 65315
Ion Ratio Lower Upper
130 100
95 97.6 0.0 195.4





#45

1,2-Dichloropropane

Concen: 19.254 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 63 Resp: 6140

Ion Ratio Lower Upper

63 100

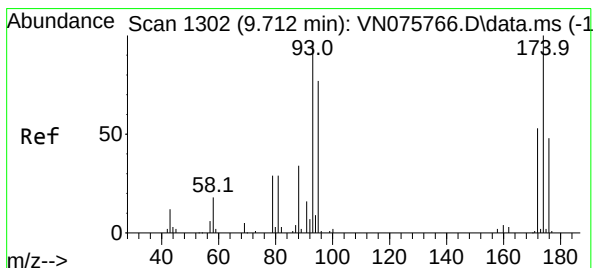
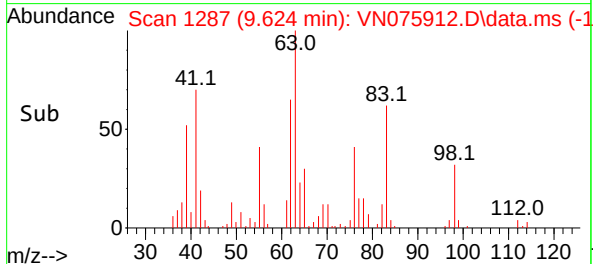
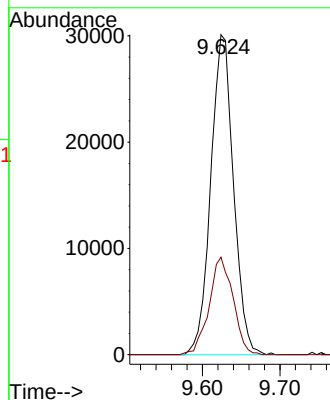
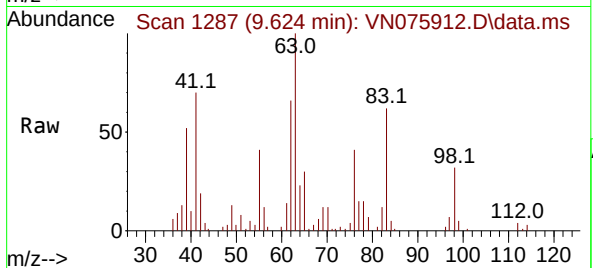
65 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#46

Dibromomethane

Concen: 18.625 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

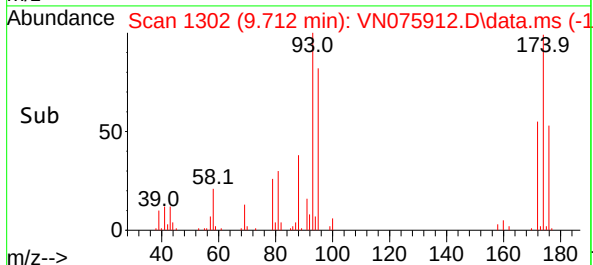
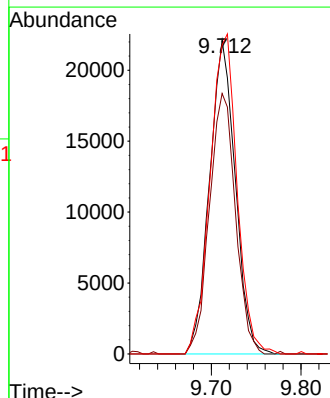
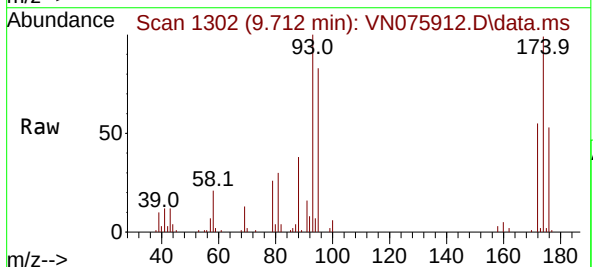
Tgt Ion: 93 Resp: 44057

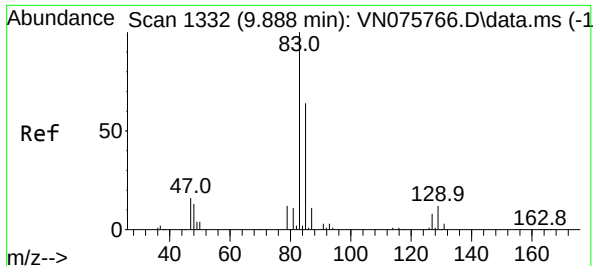
Ion Ratio Lower Upper

93 100

95 83.9 65.2 97.8

174 106.7 82.4 123.6





#47

Bromodichloromethane

Concen: 19.240 ug/l

RT: 9.894 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 83 Resp: 89250

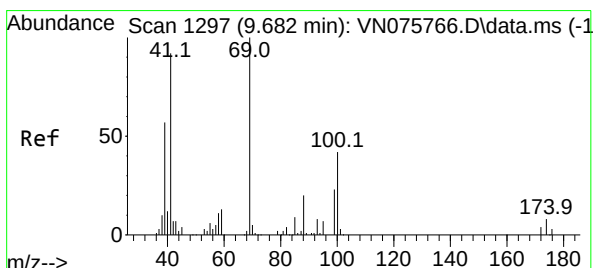
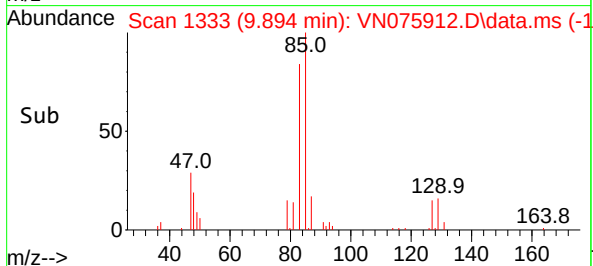
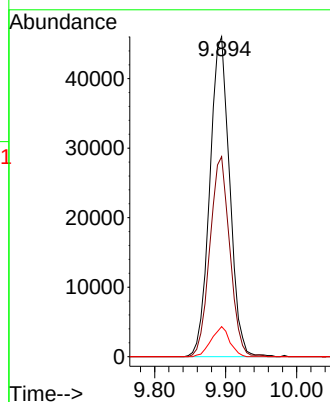
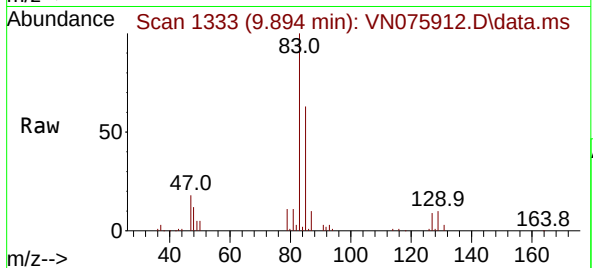
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.5	77.3
127	9.4	6.6	10.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#48

Methyl methacrylate

Concen: 19.974 ug/l

RT: 9.683 min Scan# 1297

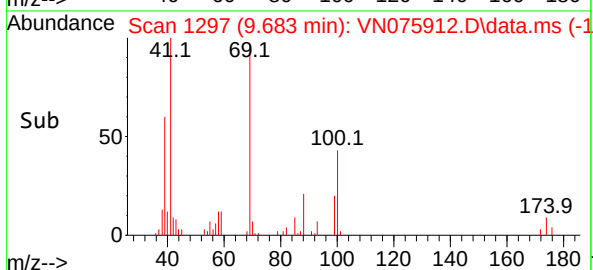
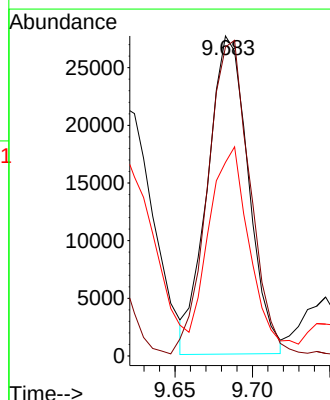
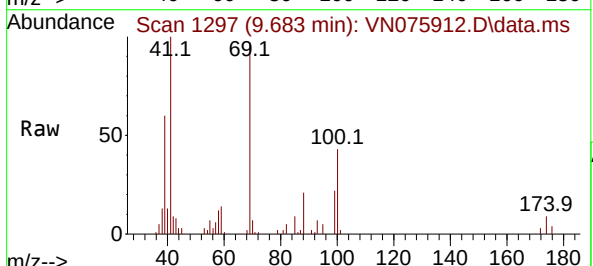
Delta R.T. 0.000 min

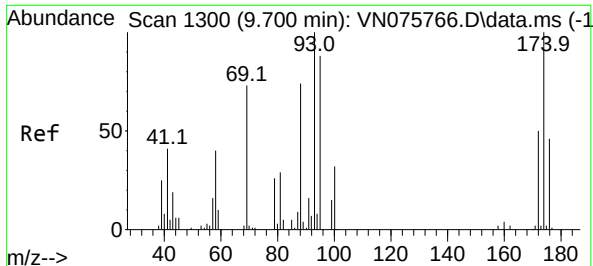
Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Tgt Ion: 41 Resp: 50634

Ion	Ratio	Lower	Upper
41	100		
69	104.1	81.9	122.9
39	66.8	51.6	77.4





#49

1,4-Dioxane

Concen: 409.241 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion: 88 Resp: 25504

Ion Ratio Lower Upper

88 100

43 20.7 17.1 25.7

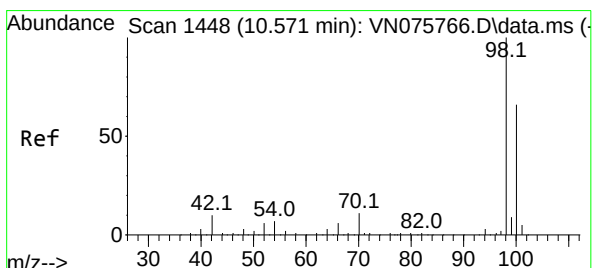
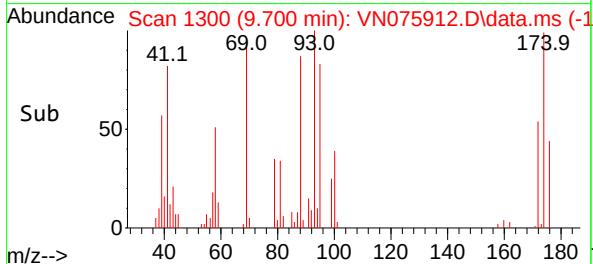
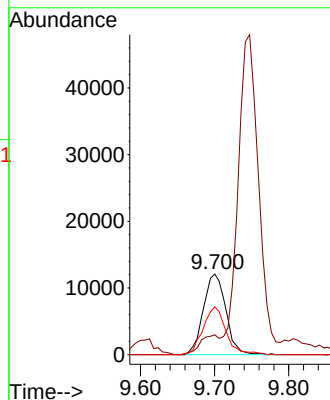
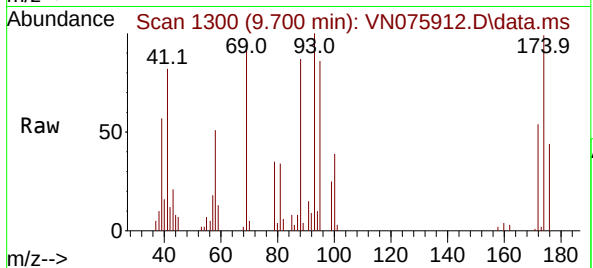
58 60.4 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#50

Toluene-d8

Concen: 50.444 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075912.D

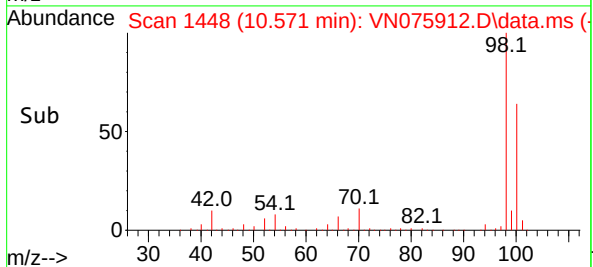
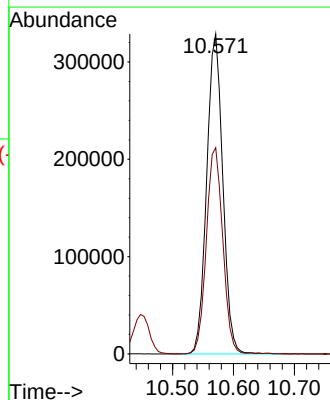
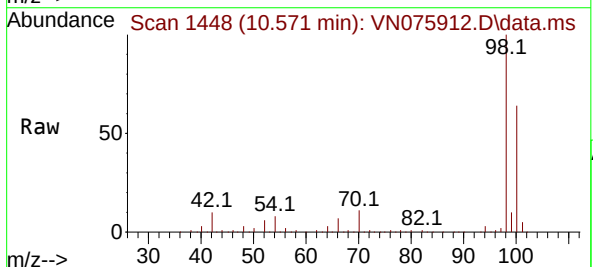
Acq: 21 Dec 2022 12:17

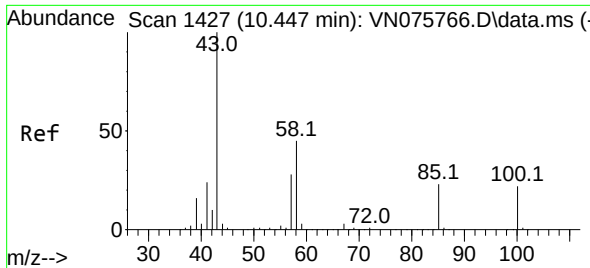
Tgt Ion: 98 Resp: 603095

Ion Ratio Lower Upper

98 100

100 65.7 52.1 78.1





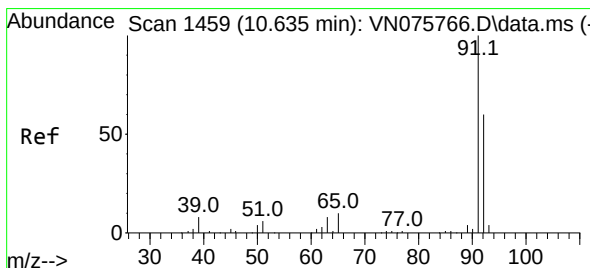
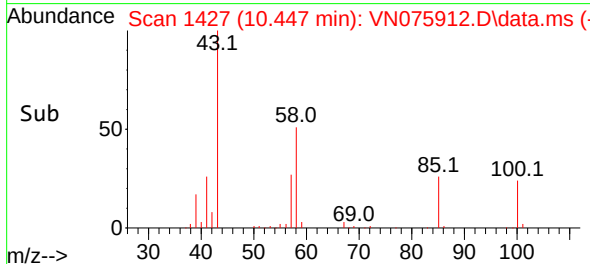
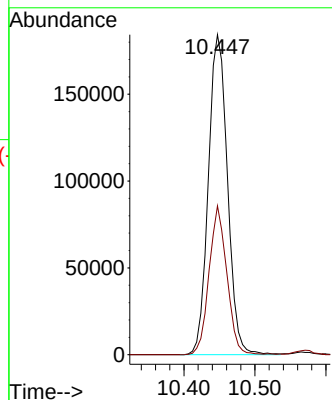
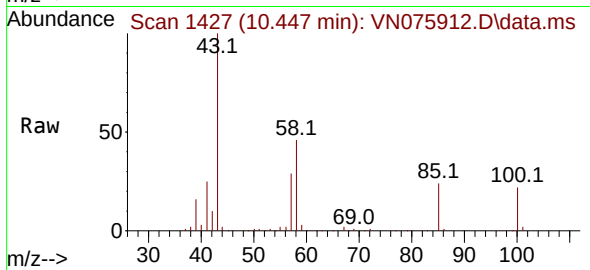
#51
4-Methyl-2-Pentanone
Concen: 101.375 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 43 Resp: 34505
Ion Ratio Lower Upper
43 100
58 43.3 35.5 53.3

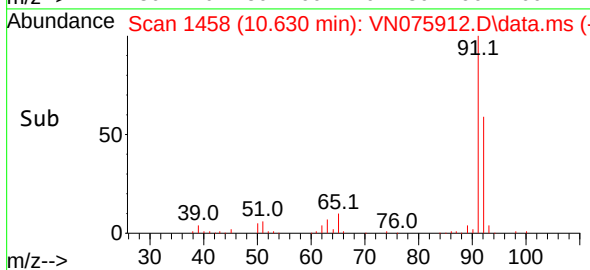
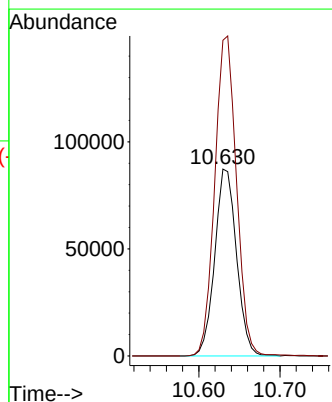
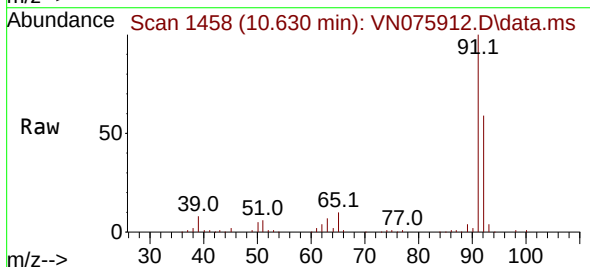
Manual Integrations
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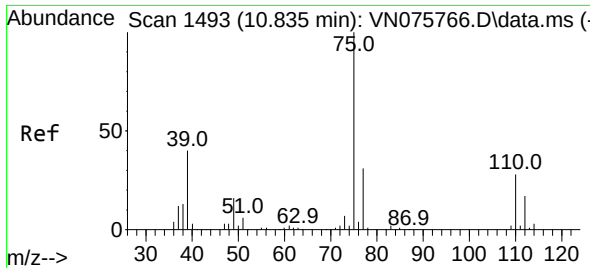
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#52
Toluene
Concen: 19.068 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 92 Resp: 162753
Ion Ratio Lower Upper
92 100
91 170.9 137.3 205.9





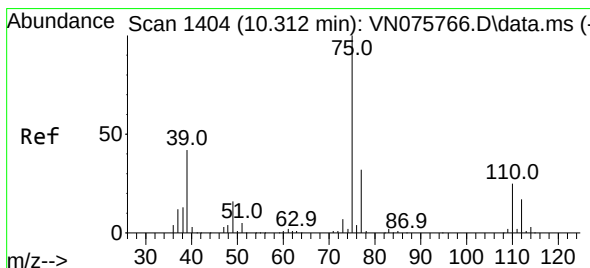
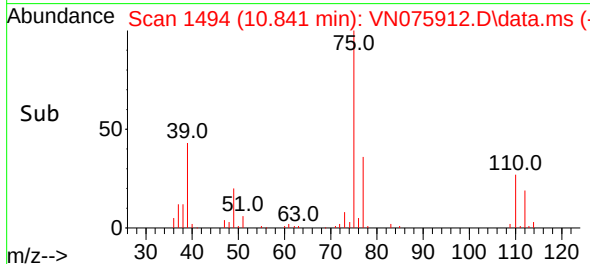
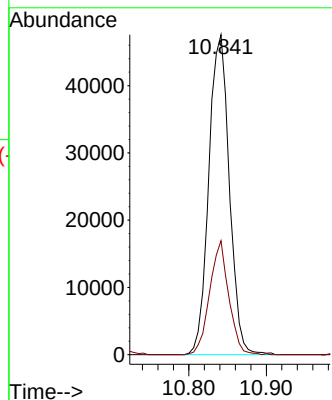
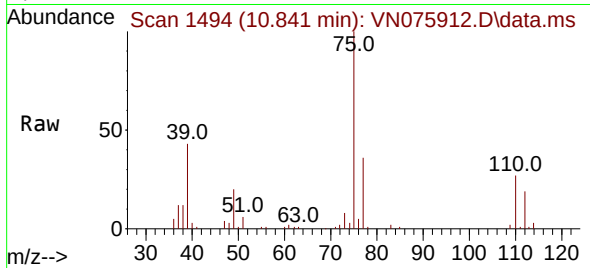
#53
 t-1,3-Dichloropropene
 Concen: 19.292 ug/l
 RT: 10.841 min Scan# 1493
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01

Tgt Ion: 75 Resp: 8760
 Ion Ratio Lower Upper
 75 100
 77 35.6 24.9 37.3

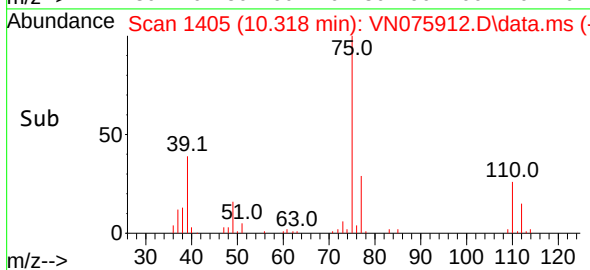
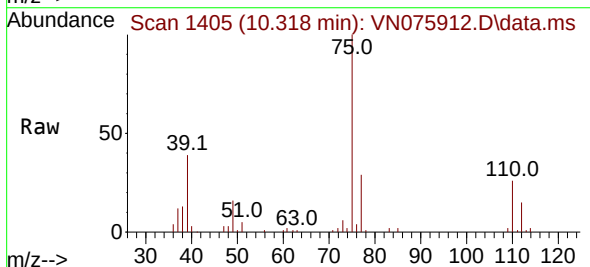
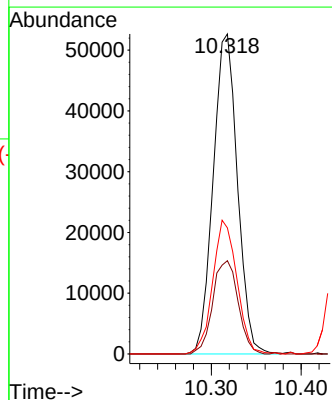
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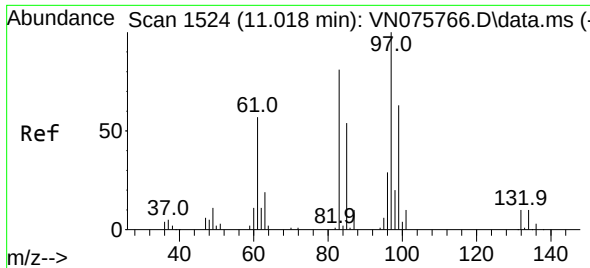
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.806 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 98744
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.8 38.8
 39 39.4 33.4 50.2





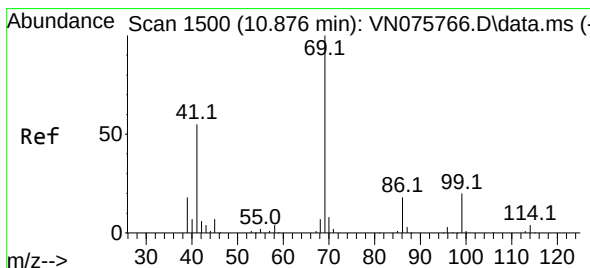
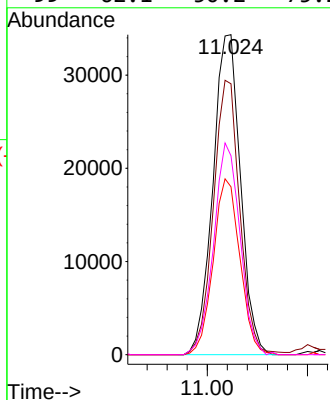
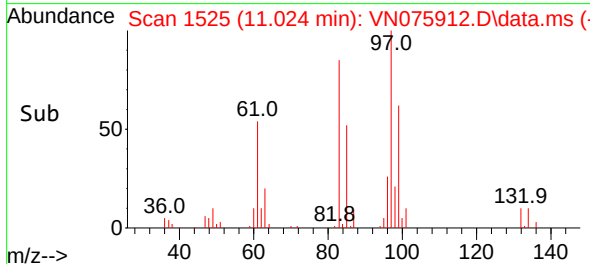
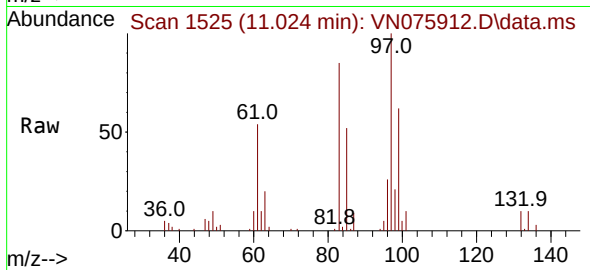
#55
1,1,2-Trichloroethane
Concen: 19.572 ug/l
RT: 11.024 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 97	Resp: 65570
Ion Ratio	Lower Upper
97 100	
83 84.7	65.0 97.4
85 52.5	43.0 64.6
99 62.1	50.2 75.2

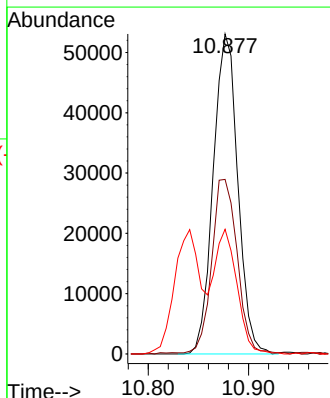
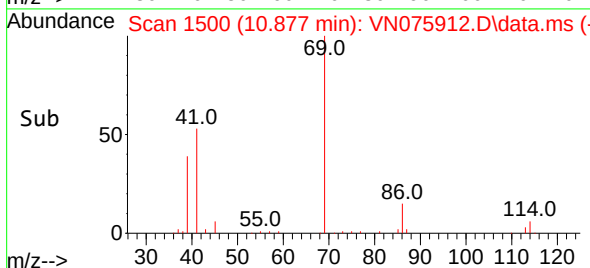
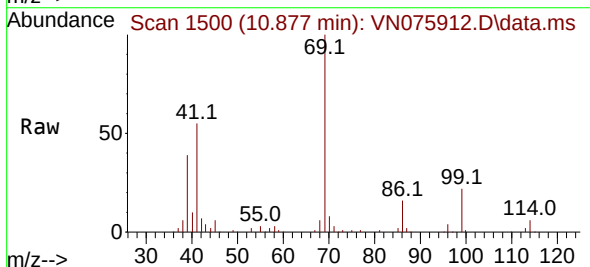
Manual Integrations
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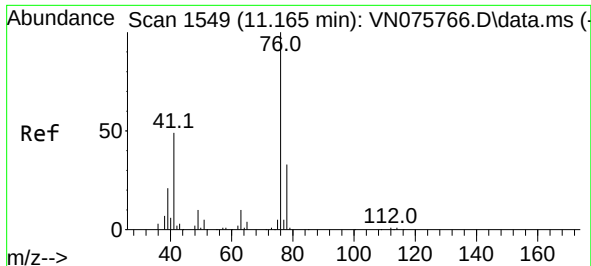
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#56
Ethyl methacrylate
Concen: 20.302 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

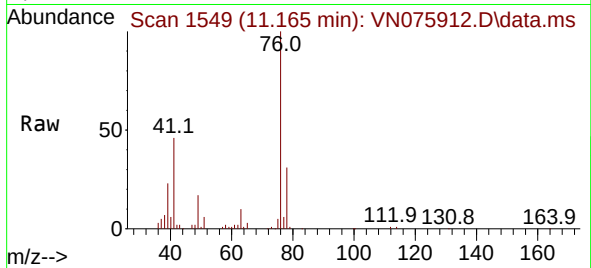
Tgt Ion: 69	Resp: 90343
Ion Ratio	Lower Upper
69 100	
41 57.2	44.2 66.4
39 35.6	26.4 39.6





#57
1,3-Dichloropropane
Concen: 19.517 ug/l
RT: 11.165 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

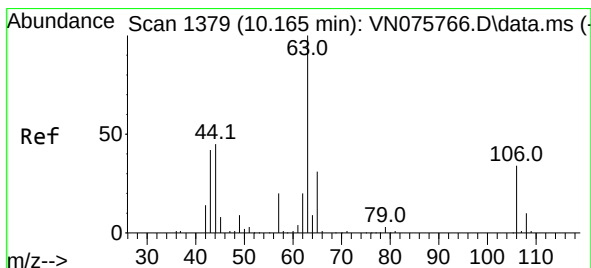
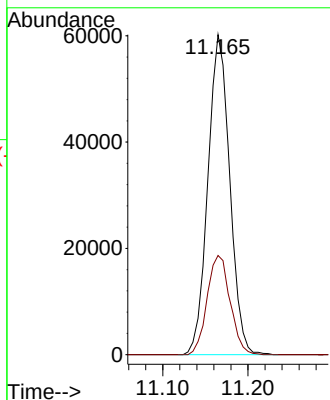
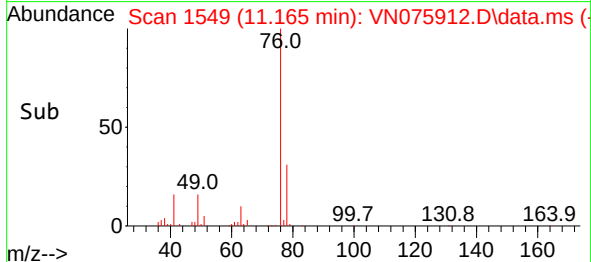
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



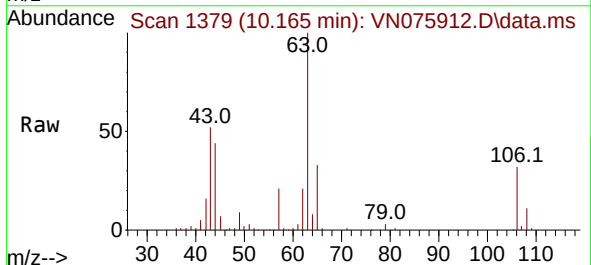
Tgt Ion: 76 Resp: 10725
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
APPROVED

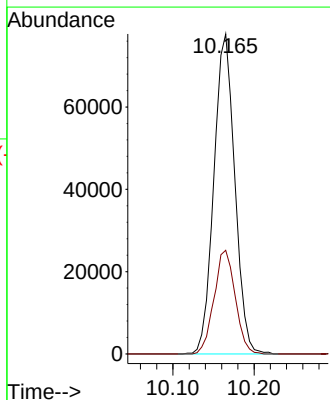
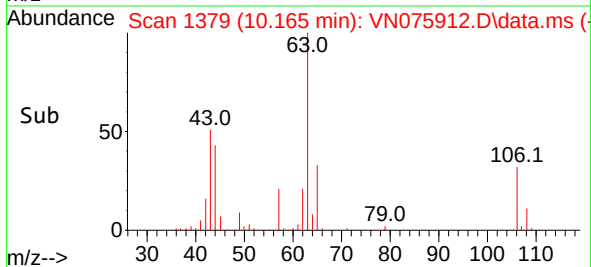
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

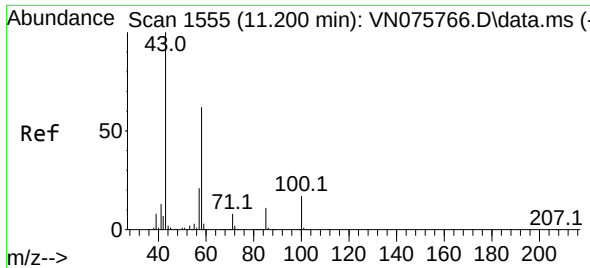


#58
2-Chloroethyl Vinyl ether
Concen: 98.240 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



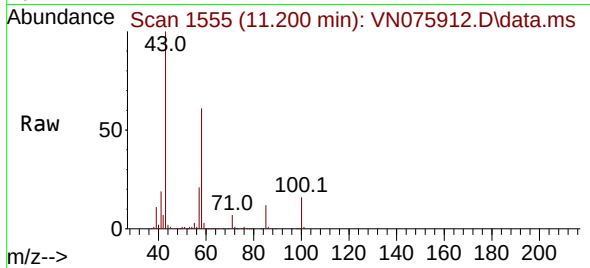
Tgt Ion: 63 Resp: 139186
Ion Ratio Lower Upper
63 100
106 32.8 26.4 39.6





#59
2-Hexanone
Concen: 100.587 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

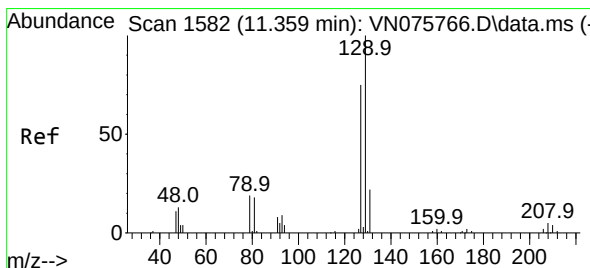
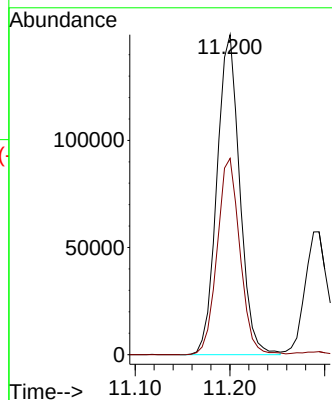
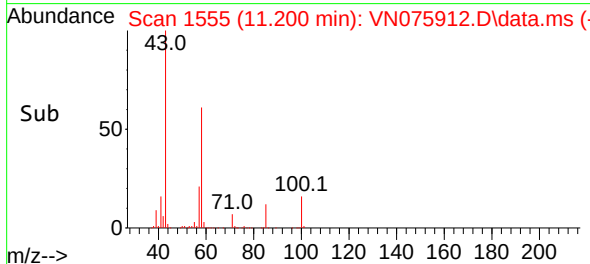
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



Tgt Ion: 43 Resp: 24968
Ion Ratio Lower Upper
43 100
58 61.3 30.6 92.0

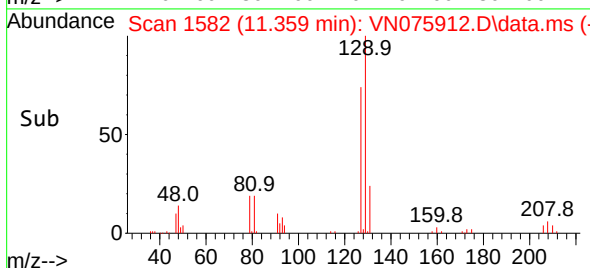
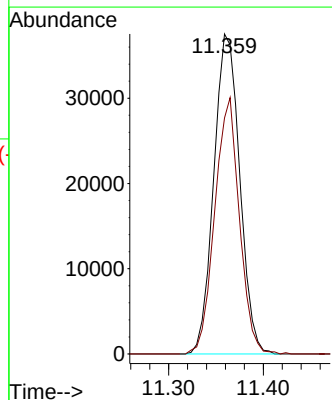
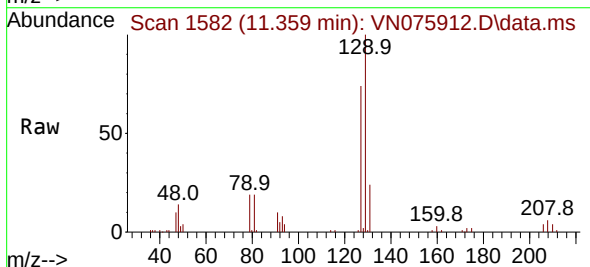
Manual Integrations
APPROVED

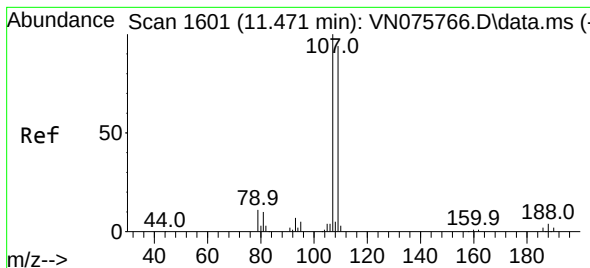
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#60
Dibromochloromethane
Concen: 19.175 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

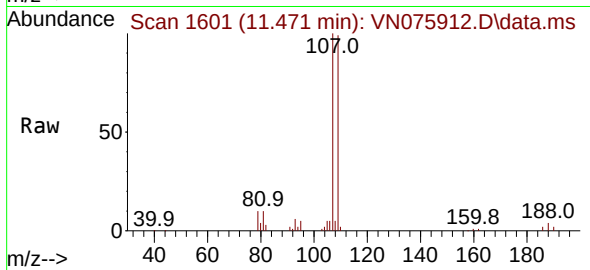
Tgt Ion:129 Resp: 71442
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9





#61
1,2-Dibromoethane
Concen: 19.512 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

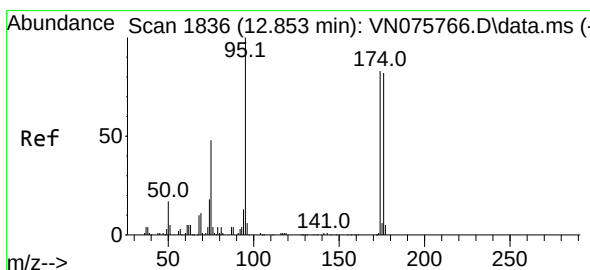
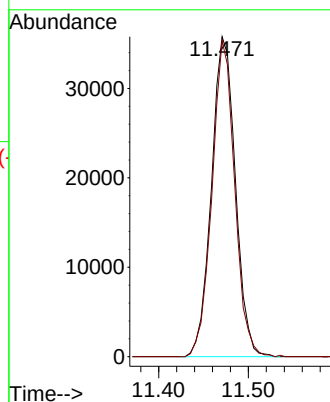
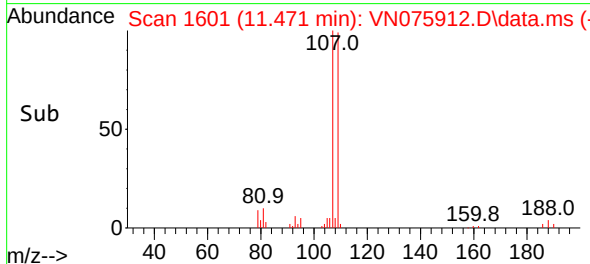
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



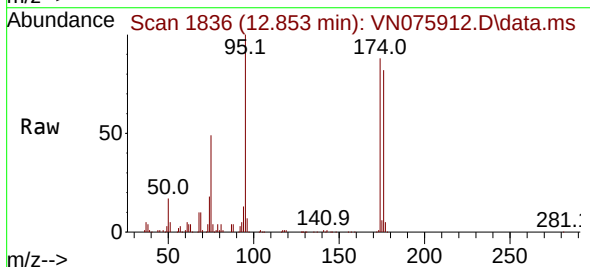
Tgt Ion:107 Resp: 66152
Ion Ratio Lower Upper
107 100
109 94.0 74.8 112.2

Manual Integrations
APPROVED

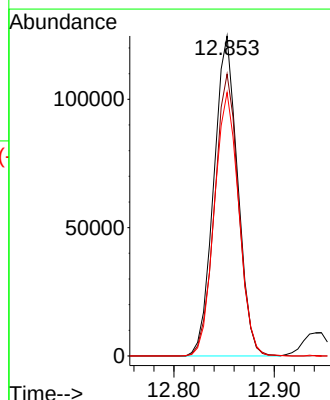
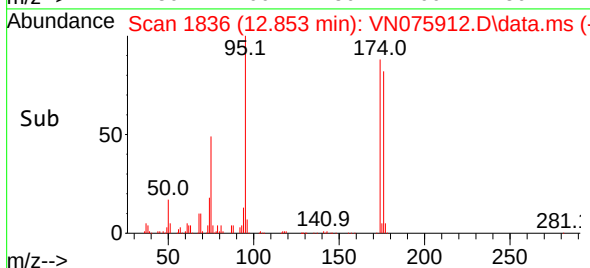
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

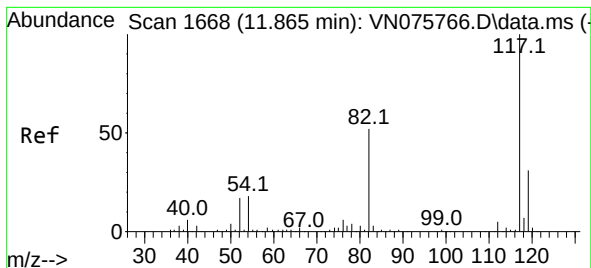


#62
4-Bromofluorobenzene
Concen: 52.067 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



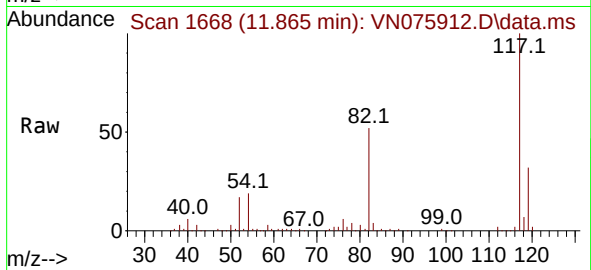
Tgt Ion: 95 Resp: 206176
Ion Ratio Lower Upper
95 100
174 88.1 0.0 171.6
176 84.3 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

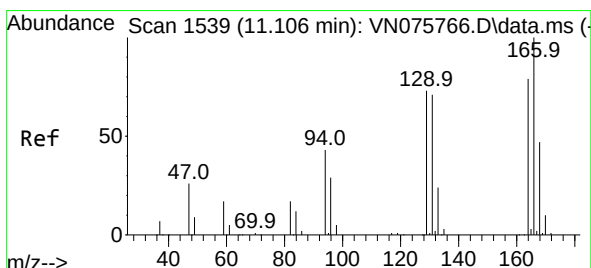
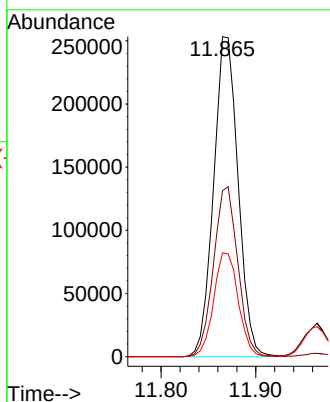
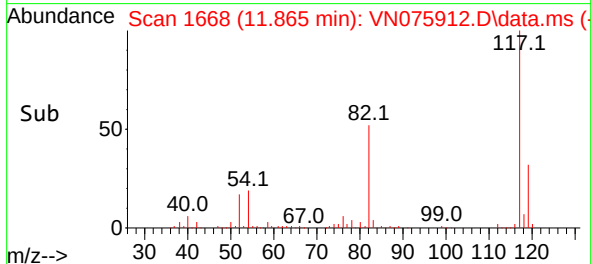
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



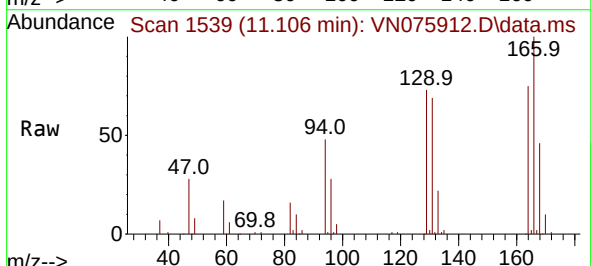
Tgt Ion:117 Resp: 45542
Ion Ratio Lower Upper
117 100
82 51.9 41.3 61.9
119 32.4 24.6 37.0

Manual Integrations
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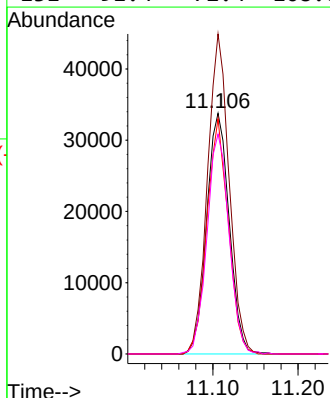
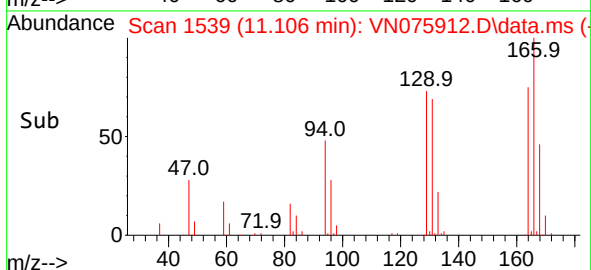
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

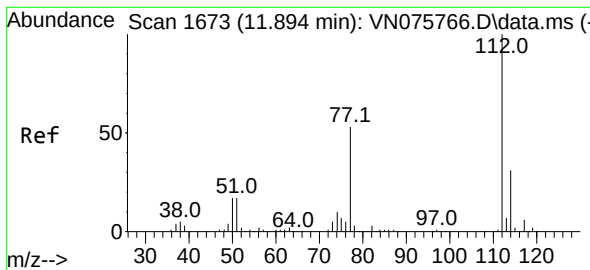


#64
Tetrachloroethene
Concen: 19.392 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



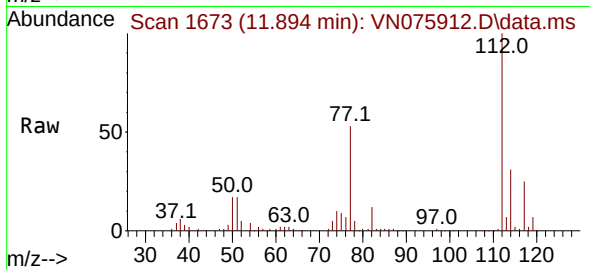
Tgt Ion:164 Resp: 62146
Ion Ratio Lower Upper
164 100
166 132.9 101.9 152.9
129 97.7 74.2 111.2
131 91.4 72.4 108.6





#65
Chlorobenzene
Concen: 18.561 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

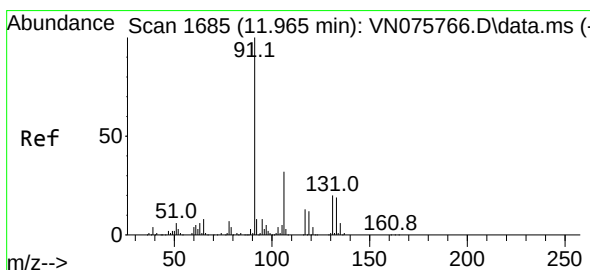
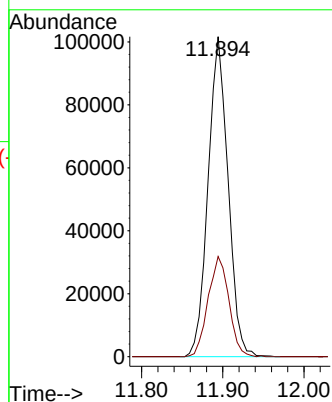
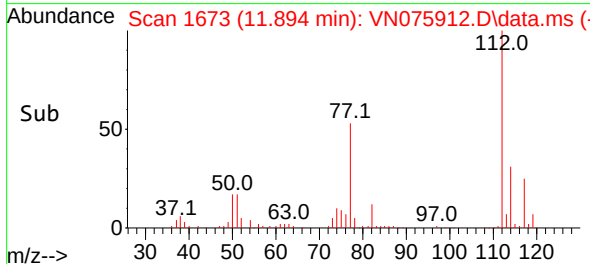
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



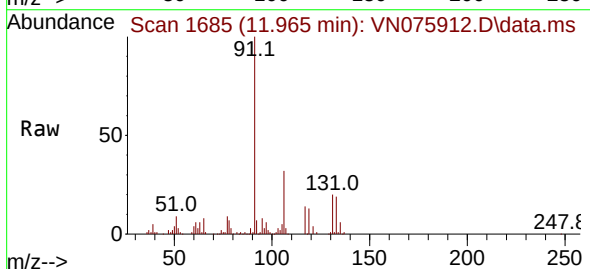
Tgt Ion:112 Resp: 173499
Ion Ratio Lower Upper
112 100
114 31.3 24.7 37.1

Manual Integrations
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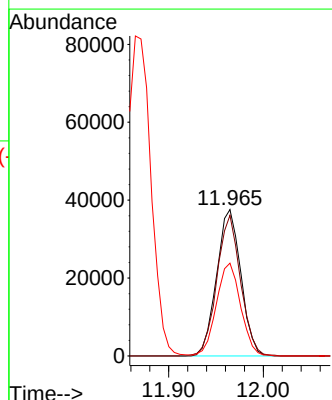
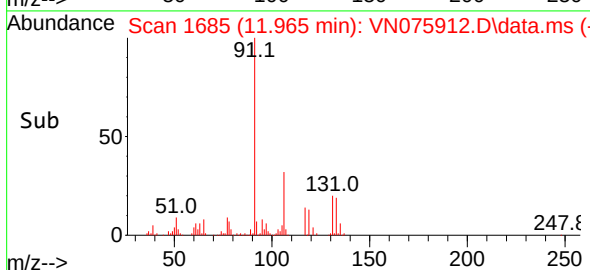
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

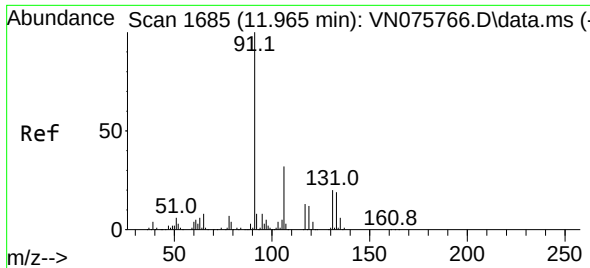


#66
1,1,1,2-Tetrachloroethane
Concen: 19.343 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion:131 Resp: 66972
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 63.4 31.9 95.7





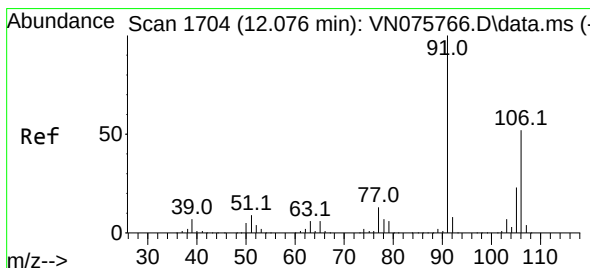
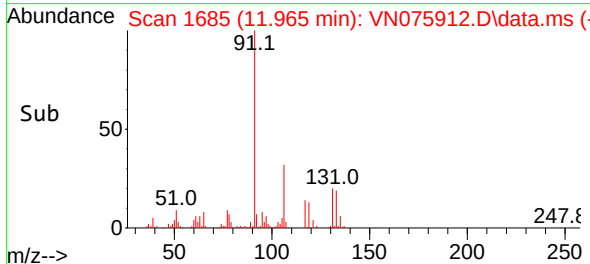
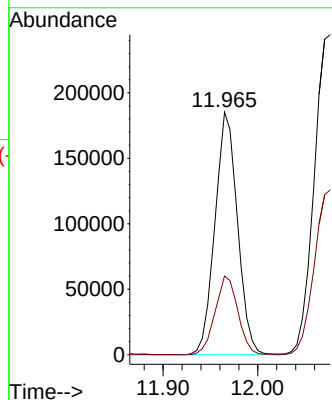
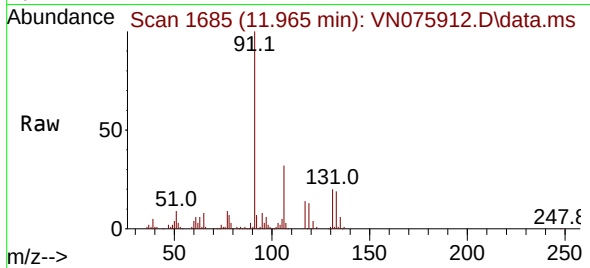
#67
Ethyl Benzene
Concen: 19.460 ug/l
RT: 11.965 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 91 Resp: 306998
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

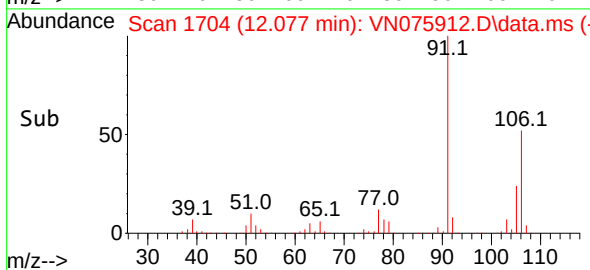
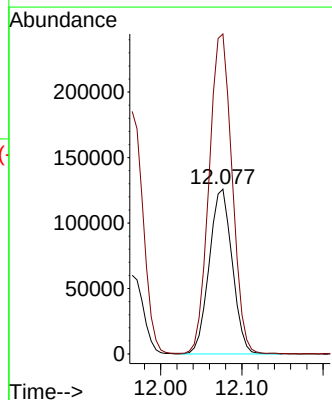
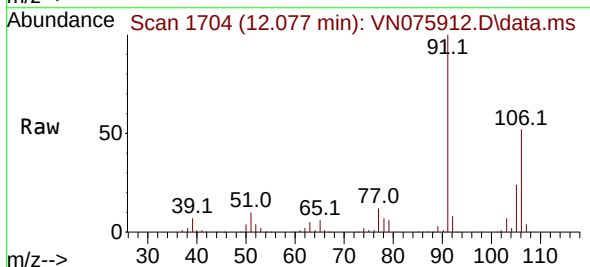
Manual Integrations
APPROVED

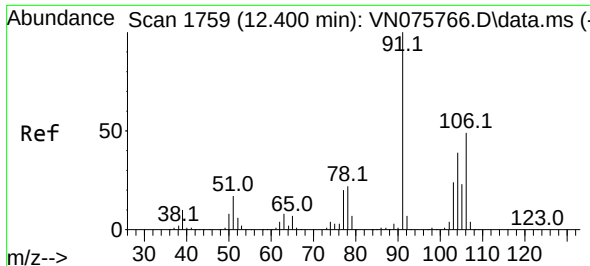
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#68
m/p-Xylenes
Concen: 39.648 ug/l
RT: 12.077 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion:106 Resp: 247570
Ion Ratio Lower Upper
106 100
91 195.0 156.6 235.0





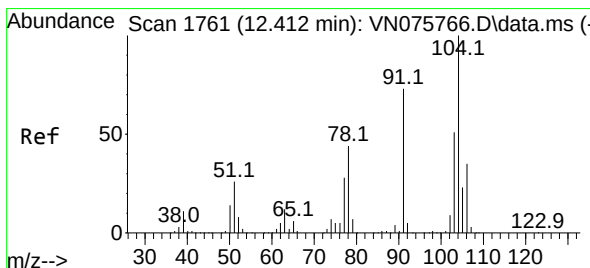
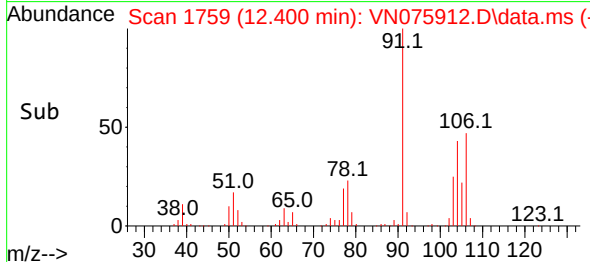
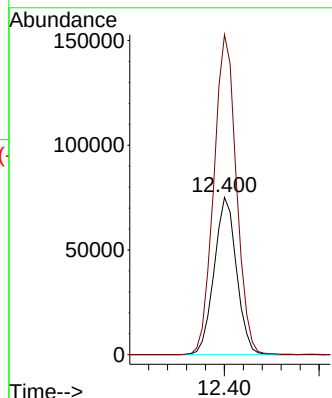
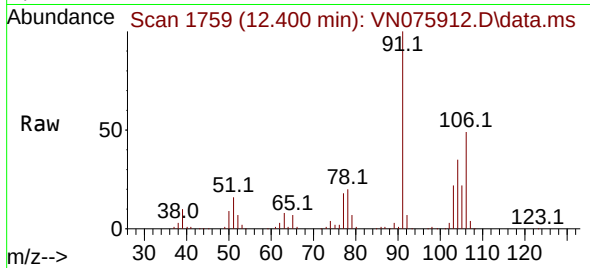
#69
o-Xylene
Concen: 19.917 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:106 Resp: 123074
Ion Ratio Lower Upper
106 100
91 205.9 103.8 311.6

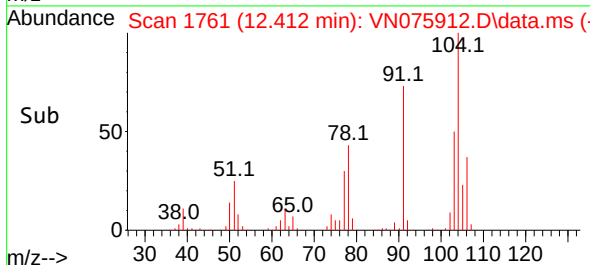
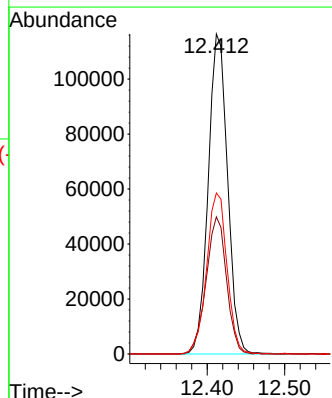
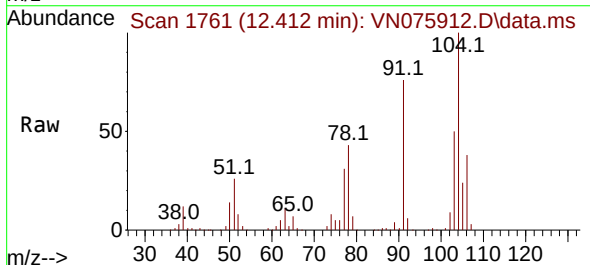
Manual Integrations
APPROVED

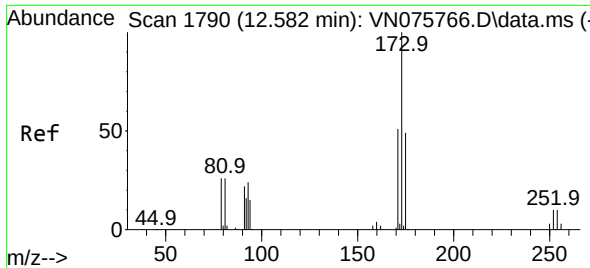
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#70
Styrene
Concen: 20.505 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

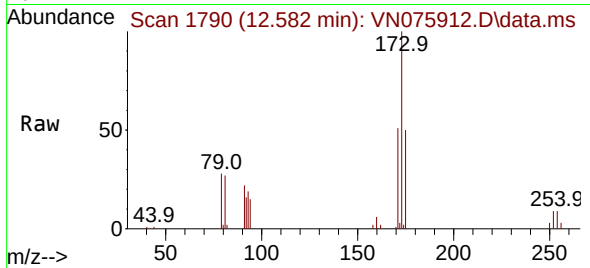
Tgt Ion:104 Resp: 201466
Ion Ratio Lower Upper
104 100
78 45.2 37.5 56.3
103 53.1 43.5 65.3





#71
Bromoform
Concen: 19.747 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

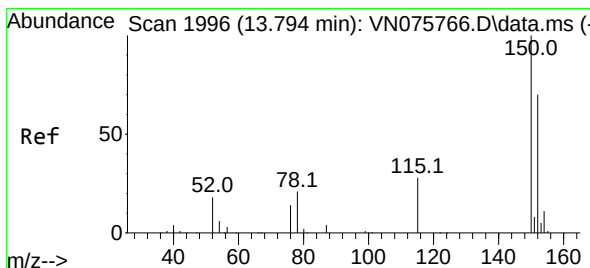
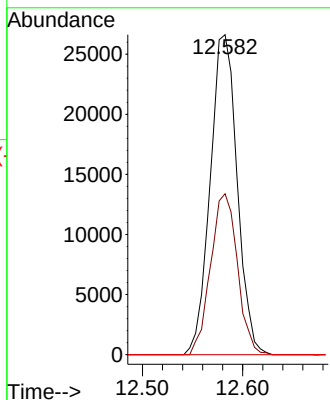
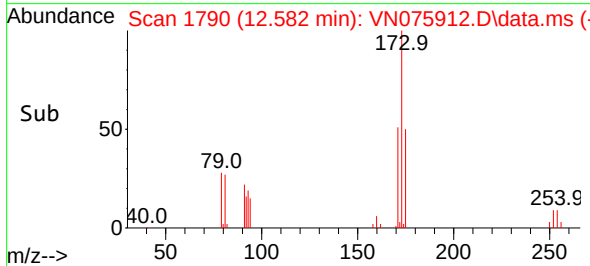
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



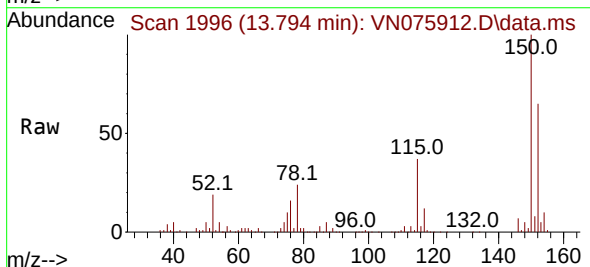
Tgt Ion:173 Resp: 49749
Ion Ratio Lower Upper
173 100
175 50.0 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

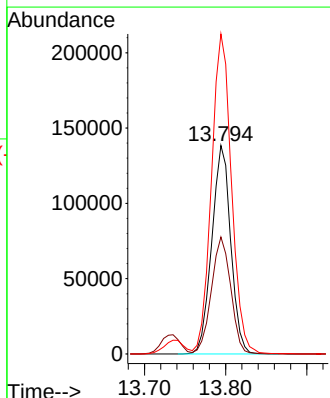
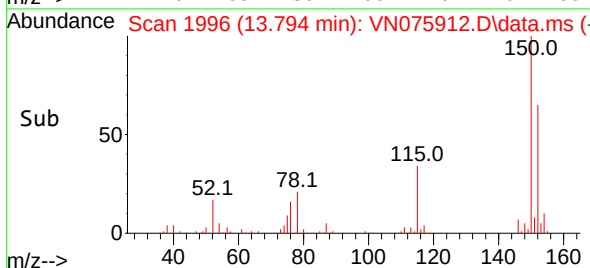
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

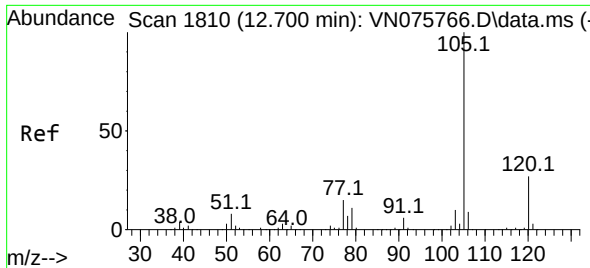


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion:152 Resp: 224622
Ion Ratio Lower Upper
152 100
115 57.2 29.1 87.4
150 162.0 0.0 347.0





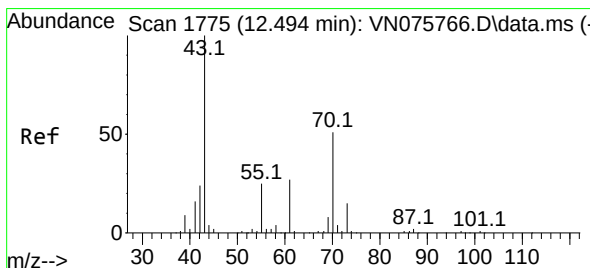
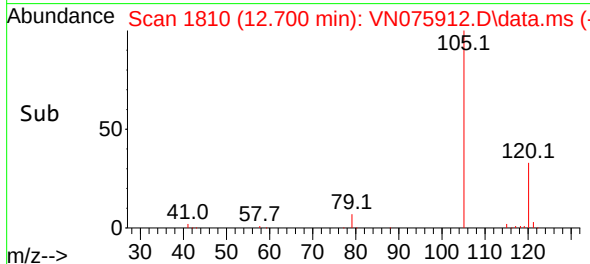
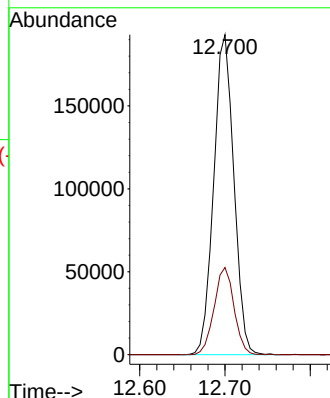
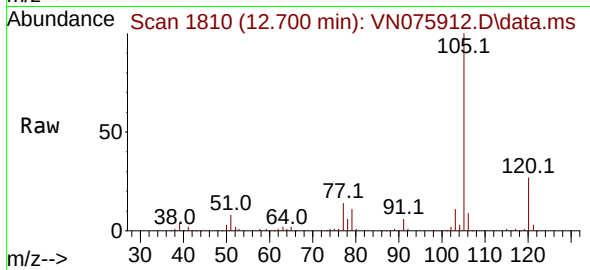
#73
Isopropylbenzene
Concen: 19.493 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:105 Resp: 316419
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

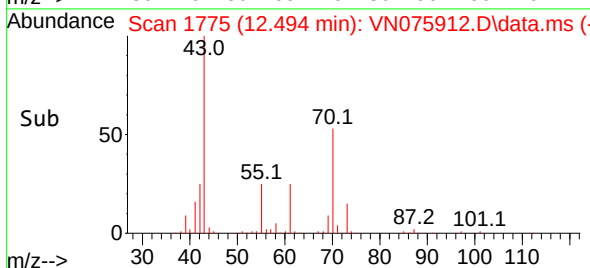
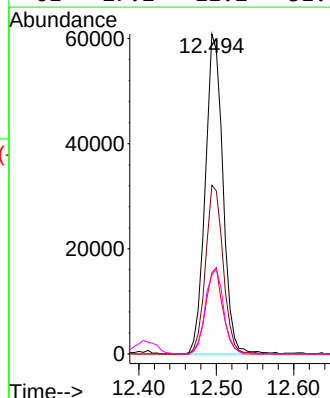
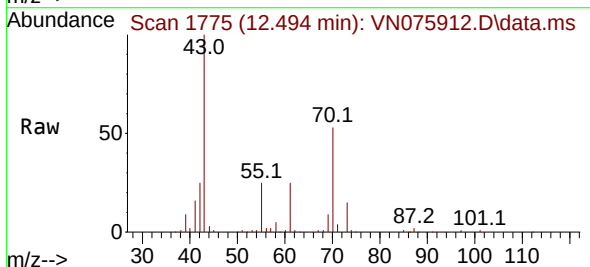
Manual Integrations
APPROVED

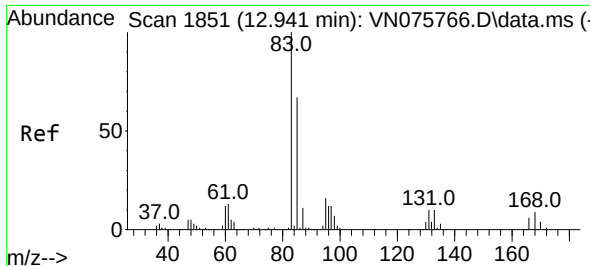
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#74
N-ethyl acetate
Concen: 20.212 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 43 Resp: 96251
Ion Ratio Lower Upper
43 100
70 52.5 41.4 62.0
55 26.4 21.3 31.9
61 27.2 21.2 31.8





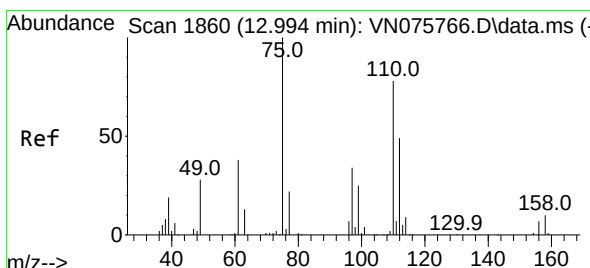
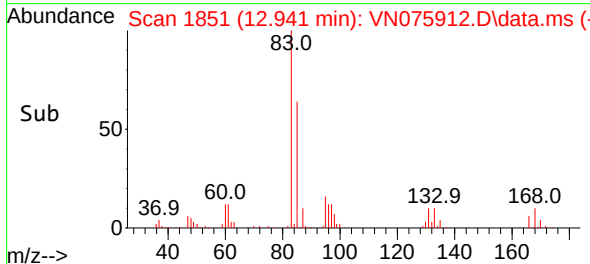
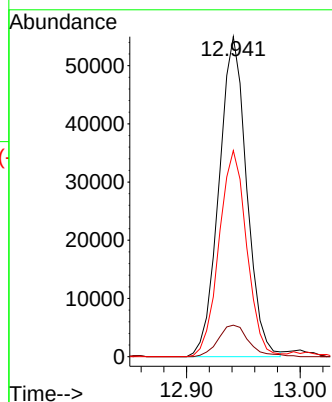
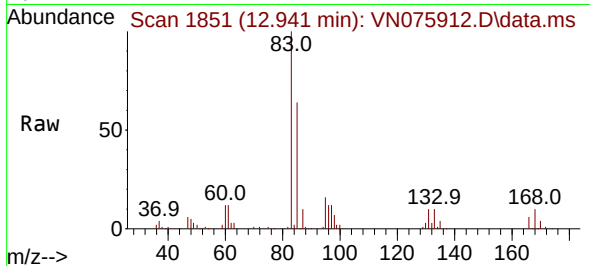
#75
1,1,2,2-Tetrachloroethane
Concen: 18.579 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 83 Resp: 93228
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.5 32.6 98.0

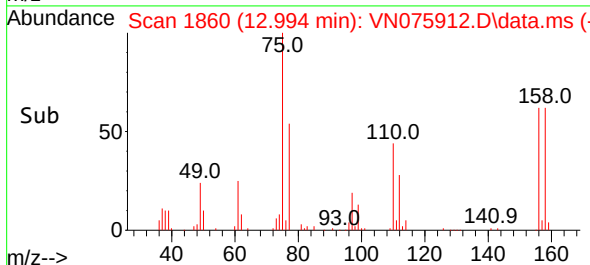
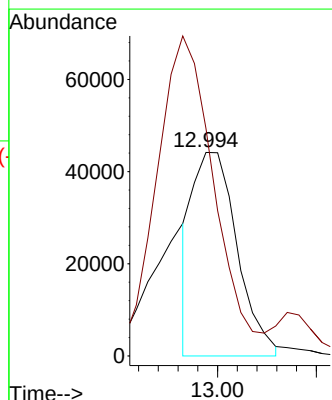
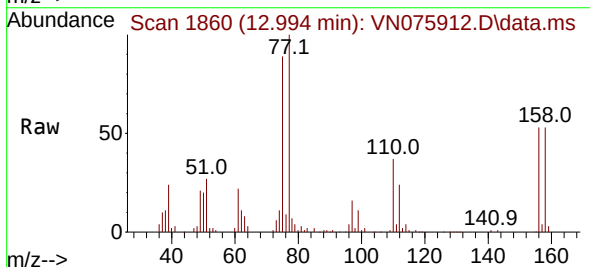
Manual Integrations
APPROVED

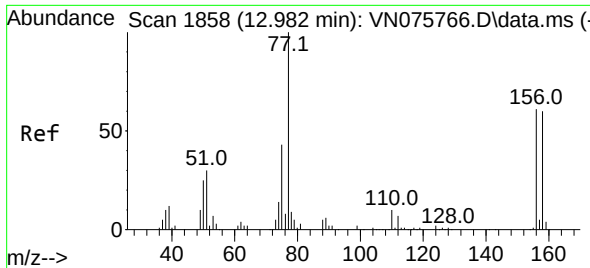
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#76
1,2,3-Trichloropropane
Concen: 15.240 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 75 Resp: 69003
Ion Ratio Lower Upper
75 100
77 204.2 82.6 247.8





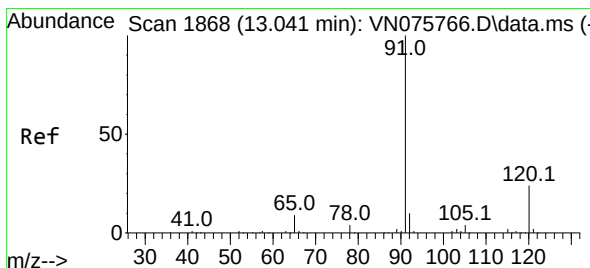
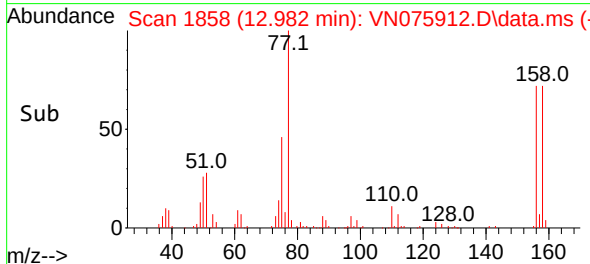
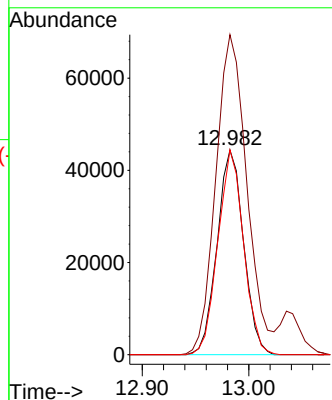
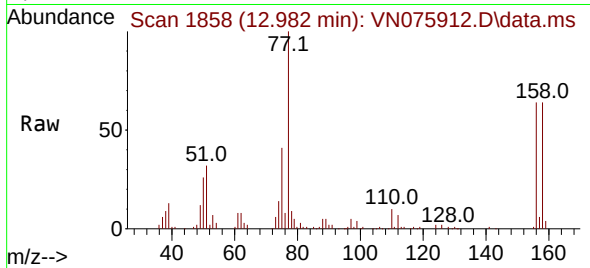
#77
Bromobenzene
Concen: 18.620 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:156 Resp: 7649
Ion Ratio Lower Upper
156 100
77 184.2 93.8 281.3
158 97.1 48.9 146.6

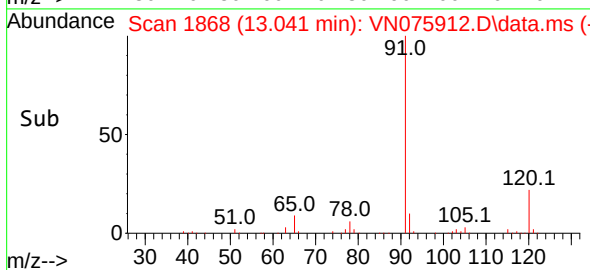
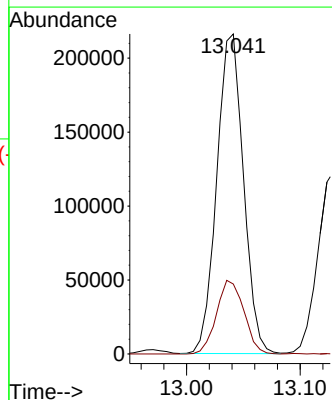
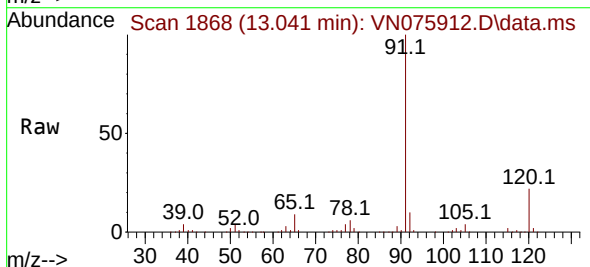
Manual Integrations
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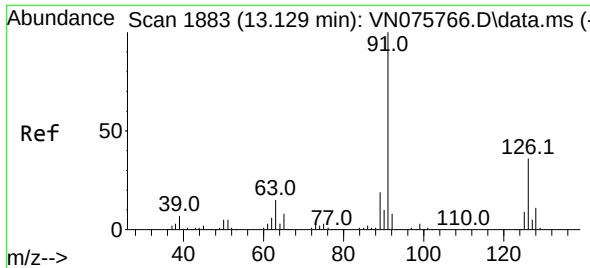
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#78
n-propylbenzene
Concen: 19.699 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Tgt Ion: 91 Resp: 352682
Ion Ratio Lower Upper
91 100
120 23.6 12.0 36.1





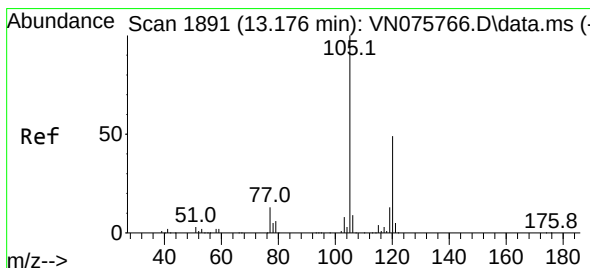
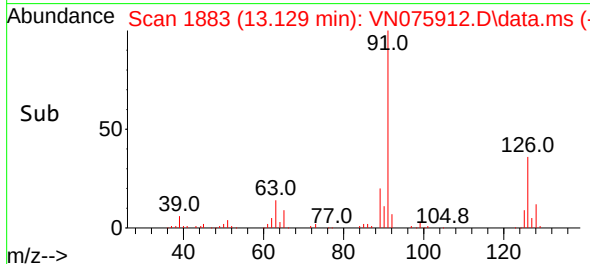
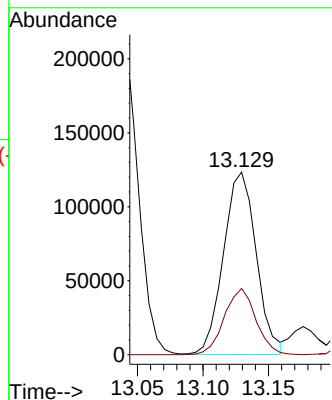
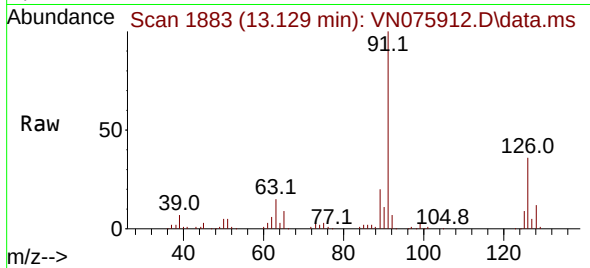
#79
2-Chlorotoluene
Concen: 19.171 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 91 Resp: 214245
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5

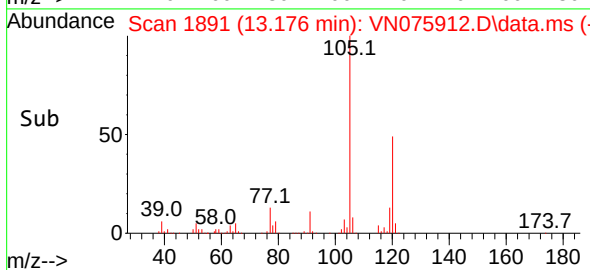
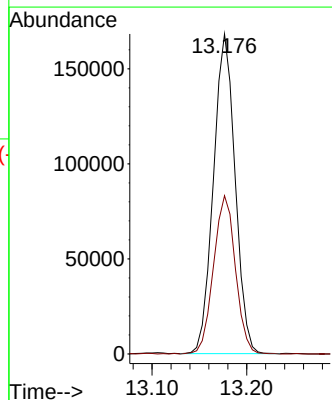
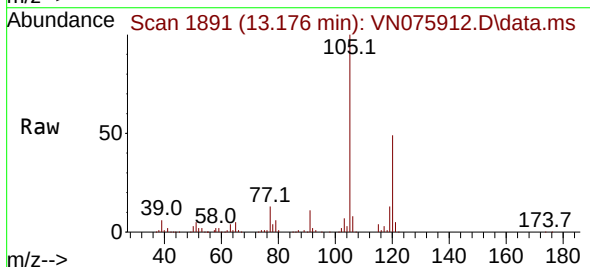
Manual Integrations
APPROVED

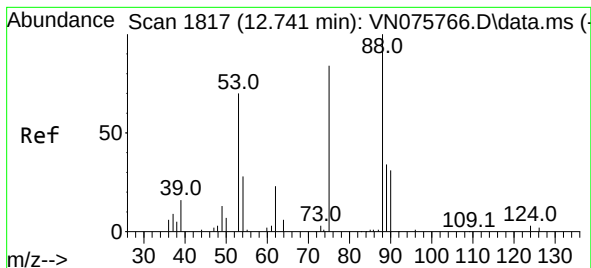
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.697 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

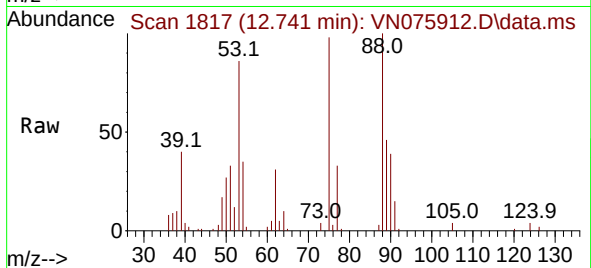
Tgt Ion:105 Resp: 267593
Ion Ratio Lower Upper
105 100
120 50.1 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 22.402 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

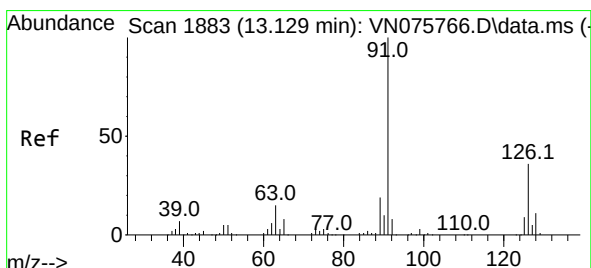
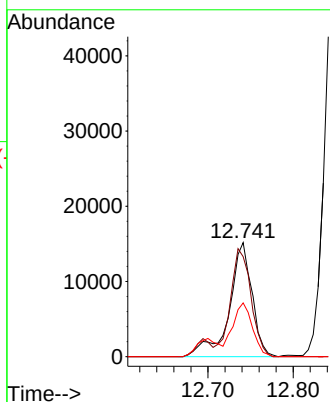
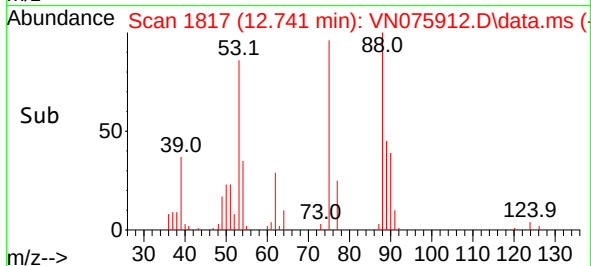
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



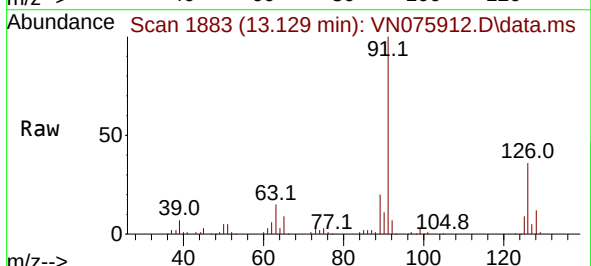
Tgt Ion: 75 Resp: 28180
Ion Ratio Lower Upper
75 100
53 86.0 73.8 110.6
89 40.8 39.5 59.3

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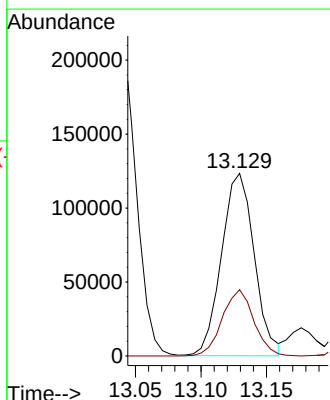
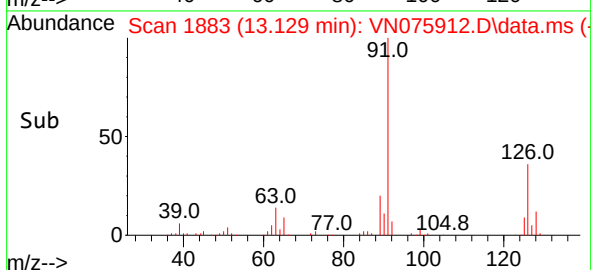
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

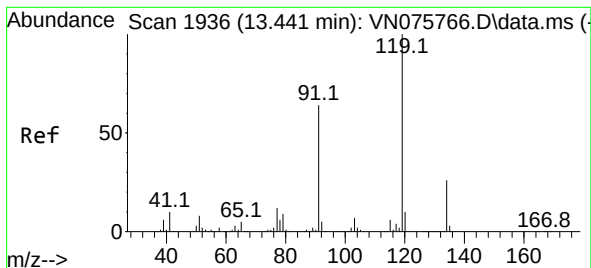


#82
4-Chlorotoluene
Concen: 19.171 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion: 91 Resp: 214245
Ion Ratio Lower Upper
91 100
126 34.9 17.5 52.5





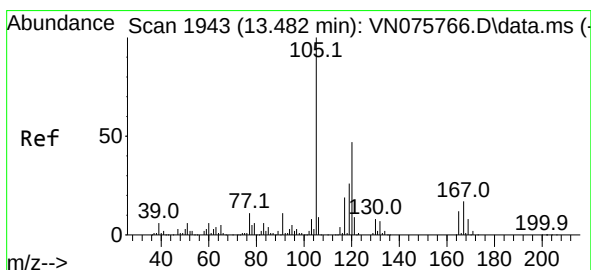
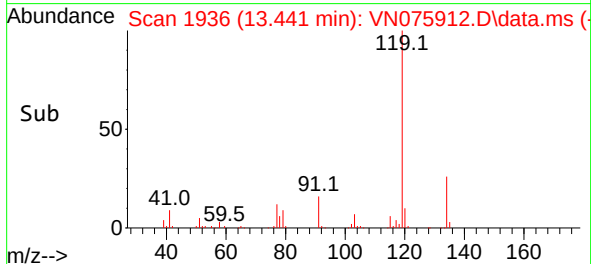
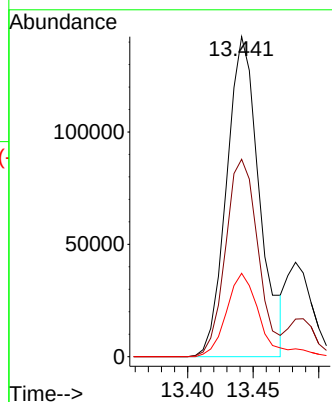
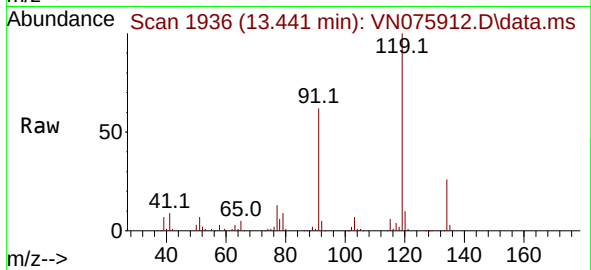
#83
tert-Butylbenzene
Concen: 20.633 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion:119 Resp: 247140
Ion Ratio Lower Upper
119 100
91 61.5 31.9 95.5
134 26.8 13.8 41.4

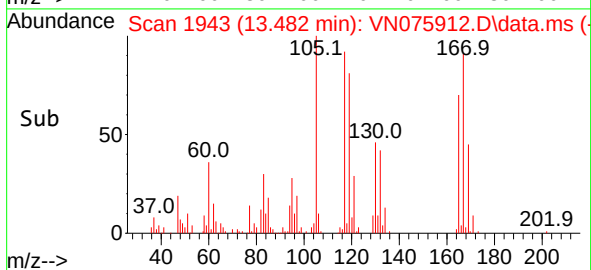
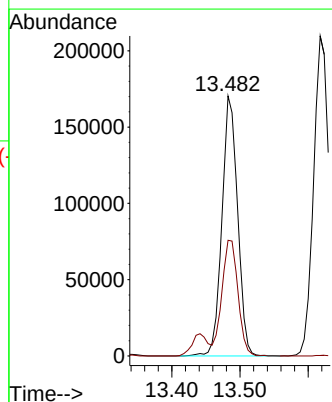
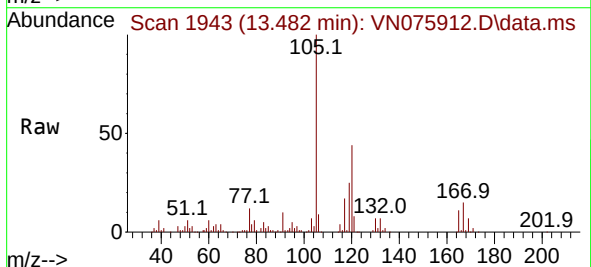
Manual Integrations
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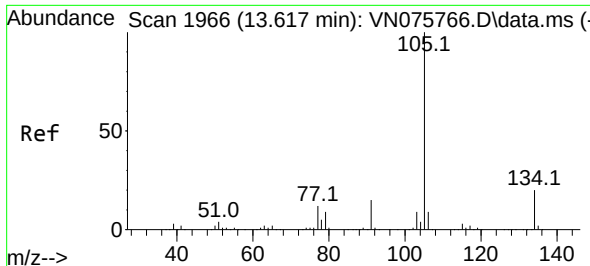
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.224 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

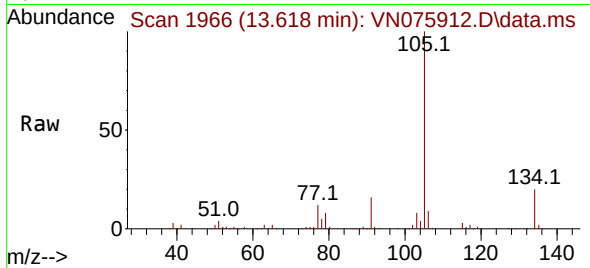
Tgt Ion:105 Resp: 272567
Ion Ratio Lower Upper
105 100
120 45.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 20.344 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

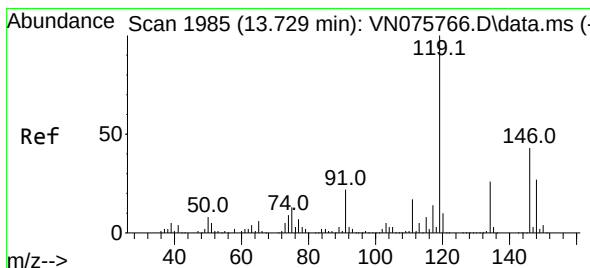
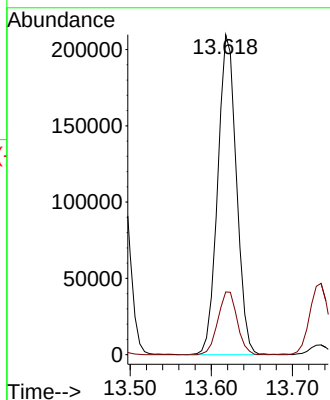
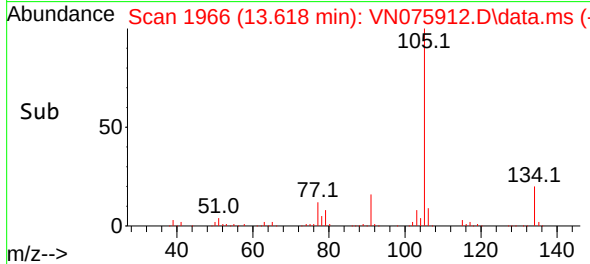
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01



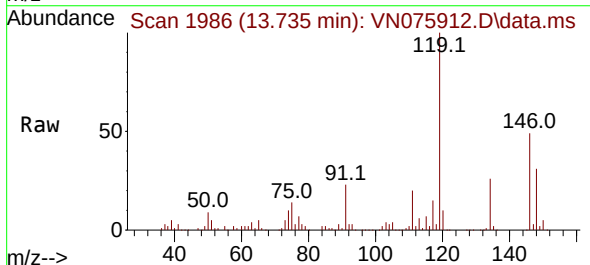
Tgt Ion:105 Resp: 336334
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.1

Manual Integrations
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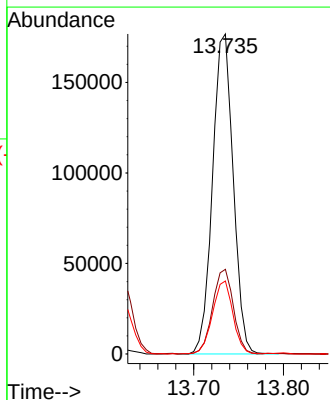
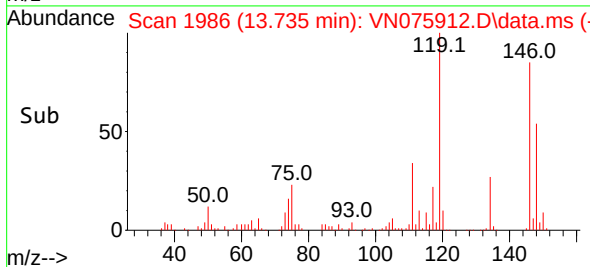
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022

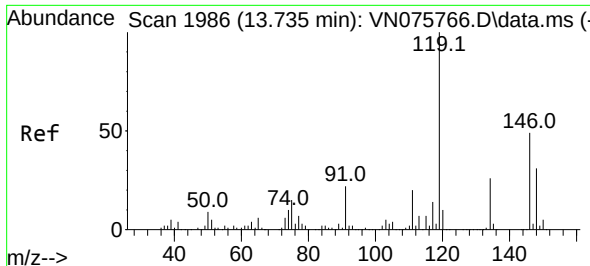


#86
 p-Isopropyltoluene
 Concen: 20.559 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17



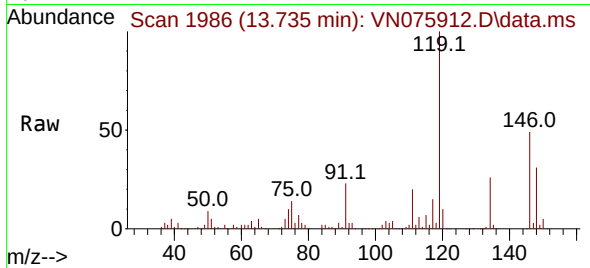
Tgt Ion:119 Resp: 282819
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.0 39.0
 91 22.6 11.2 33.6





#87
 1,3-Dichlorobenzene
 Concen: 19.088 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17

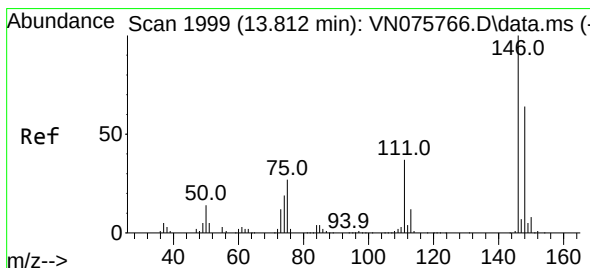
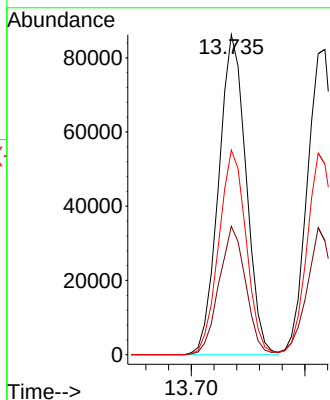
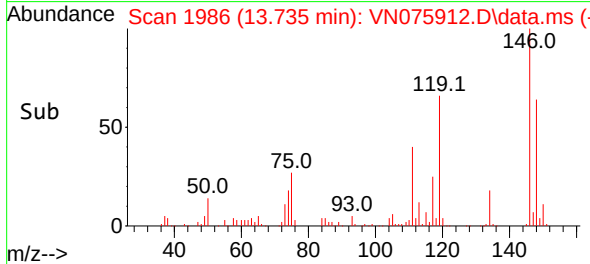
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1221MBS01



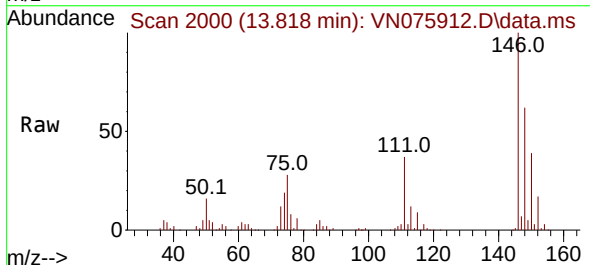
Tgt Ion:146 Resp: 144848
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.7 59.0
 148 63.8 31.4 94.2

Manual Integrations
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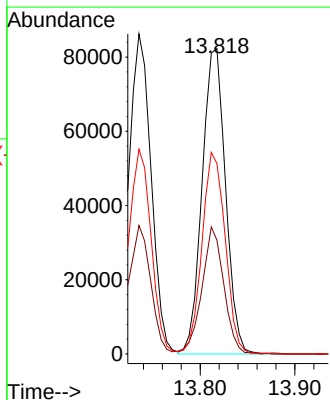
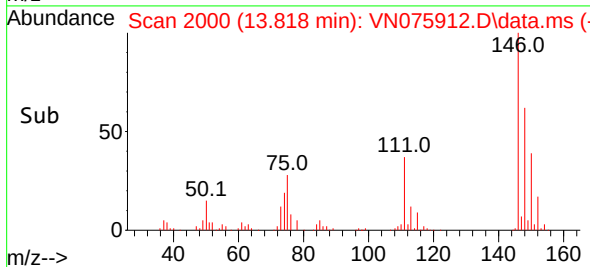
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/22/2022

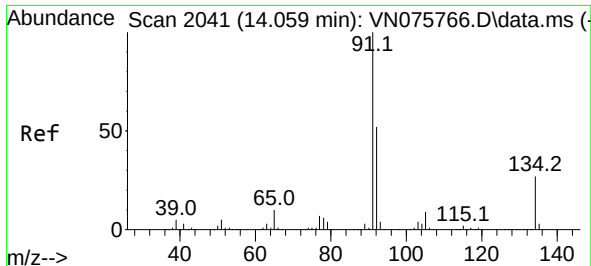


#88
 1,4-Dichlorobenzene
 Concen: 18.316 ug/l
 RT: 13.818 min Scan# 2000
 Delta R.T. 0.006 min
 Lab File: VN075912.D
 Acq: 21 Dec 2022 12:17



Tgt Ion:146 Resp: 141984
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.1 57.1
 148 65.4 32.0 96.2





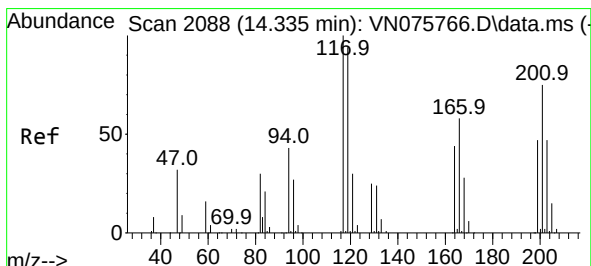
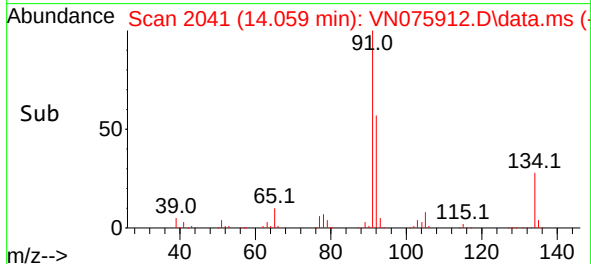
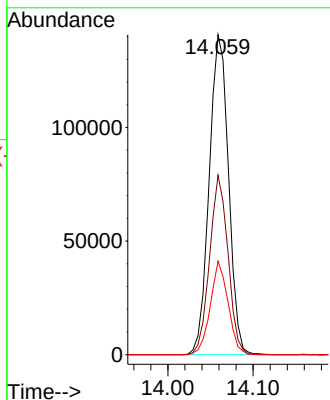
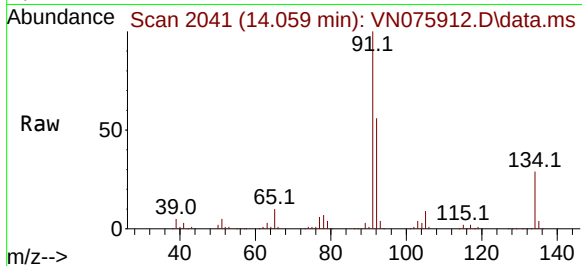
#89
n-Butylbenzene
Concen: 19.890 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01

Tgt Ion: 91 Resp: 221668
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.2
134 27.0 13.4 40.2

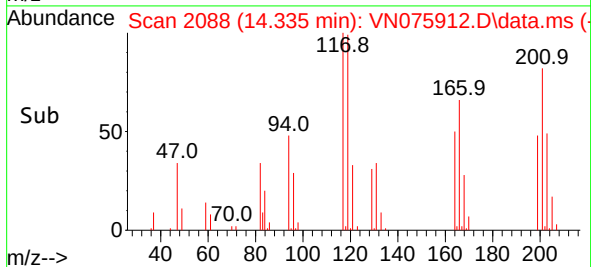
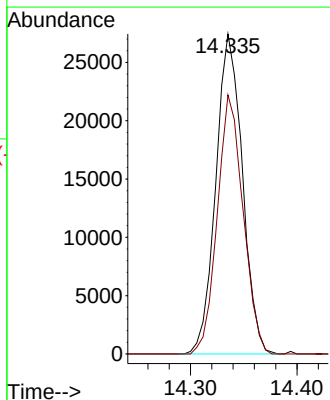
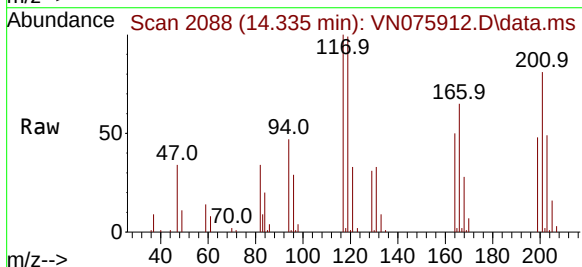
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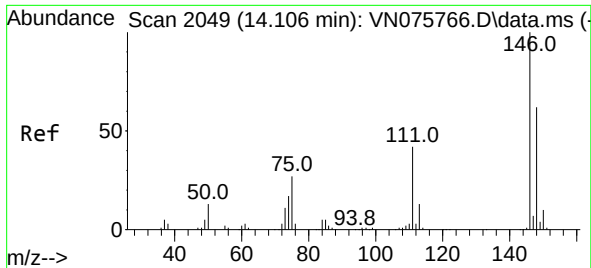
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#90
Hexachloroethane
Concen: 19.258 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

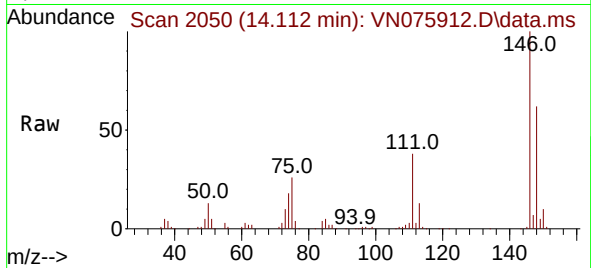
Tgt Ion:117 Resp: 47390
Ion Ratio Lower Upper
117 100
201 78.7 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 19.462 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

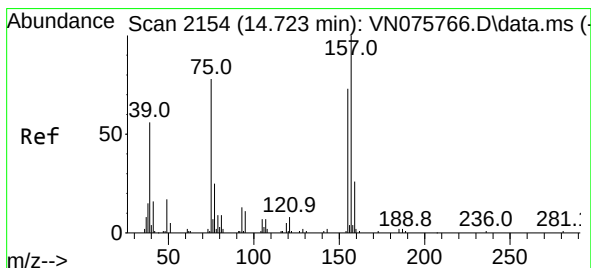
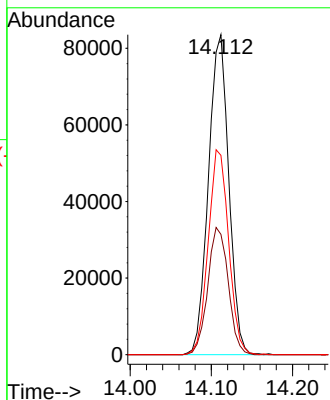
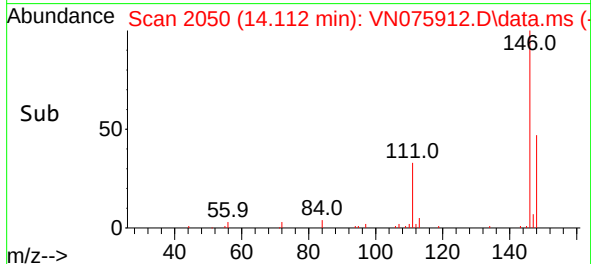
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



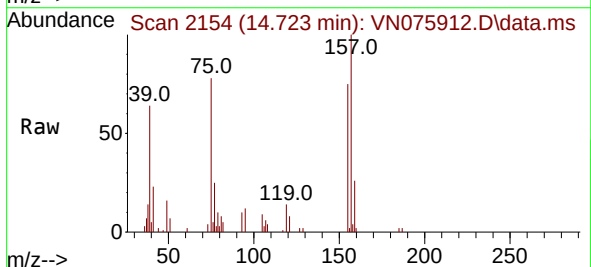
Tgt Ion:146 Resp: 145469
Ion Ratio Lower Upper
146 100
111 40.1 20.3 61.0
148 64.3 31.7 95.1

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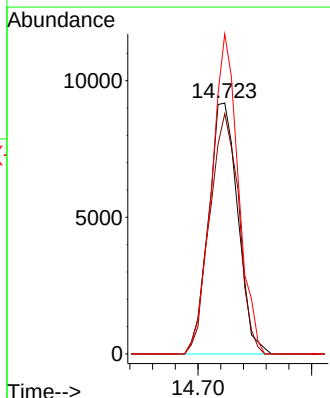
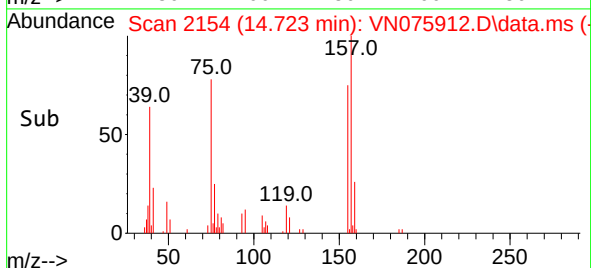
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022

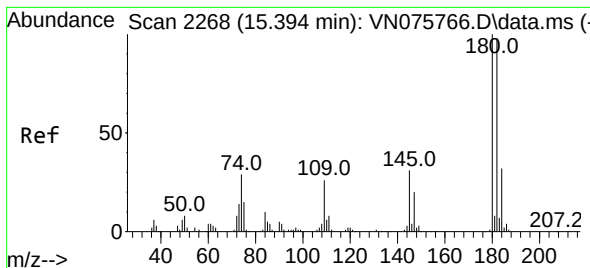


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.387 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion: 75 Resp: 16372
Ion Ratio Lower Upper
75 100
155 94.9 49.3 147.8
157 116.9 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 18.900 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN1221MBS01

Tgt Ion:180 Resp: 69938

Ion Ratio Lower Upper

180 100

182 96.2 47.5 142.5

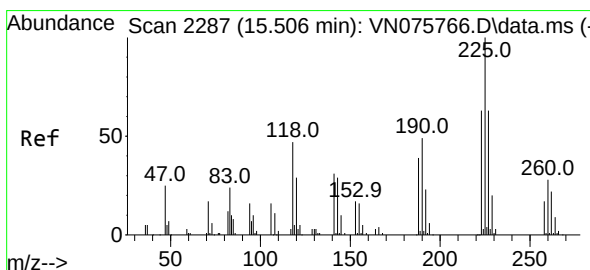
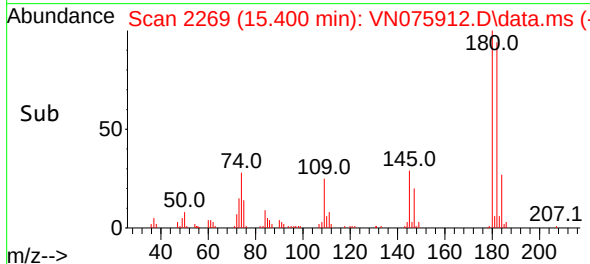
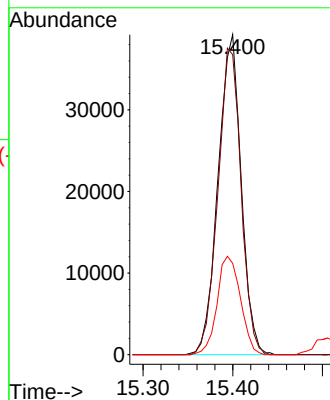
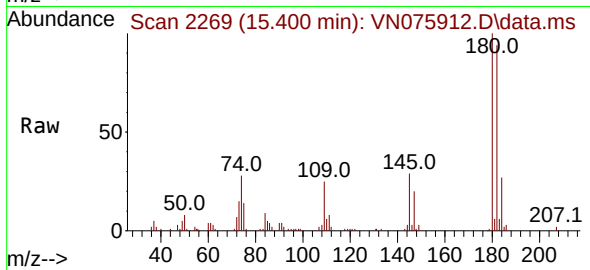
145 31.1 15.3 45.8

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/22/2022



#94

Hexachlorobutadiene

Concen: 18.318 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. 0.000 min

Lab File: VN075912.D

Acq: 21 Dec 2022 12:17

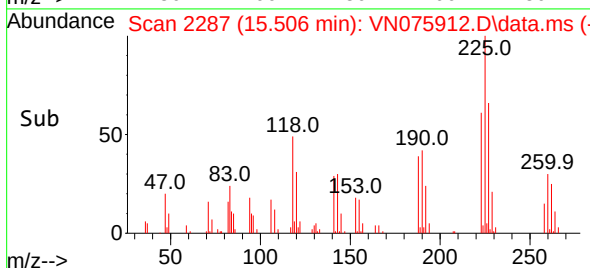
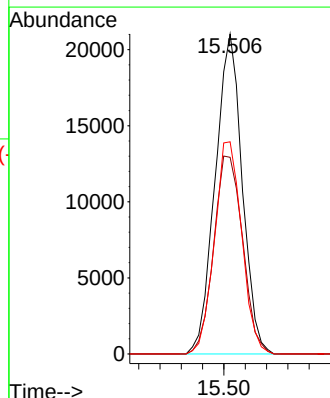
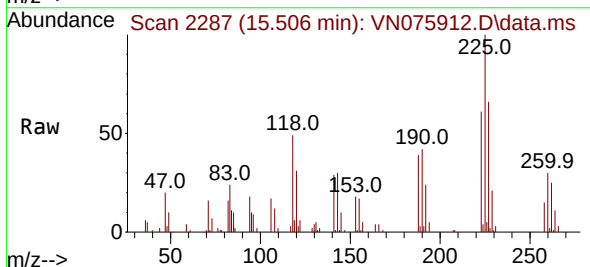
Tgt Ion:225 Resp: 36982

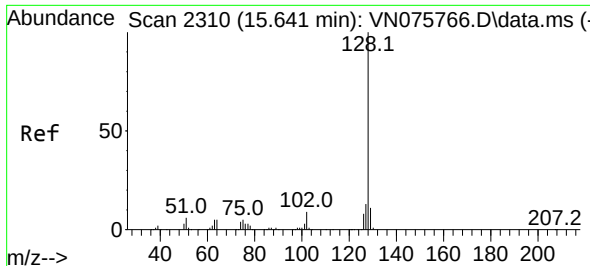
Ion Ratio Lower Upper

225 100

223 66.3 31.5 94.5

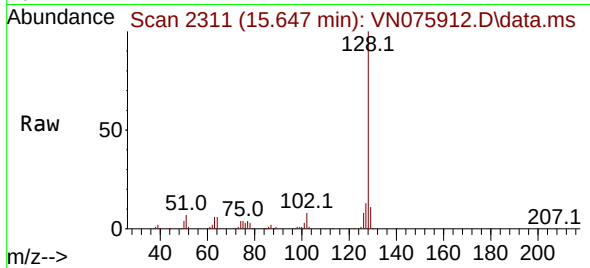
227 67.0 31.6 95.0





#95
Naphthalene
Concen: 18.380 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17

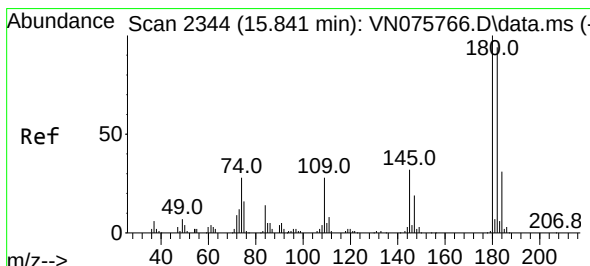
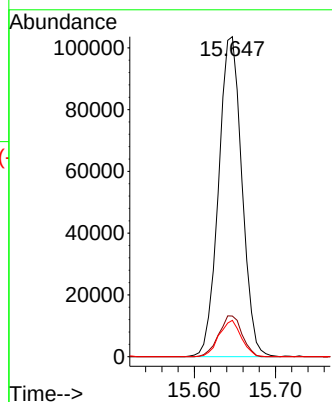
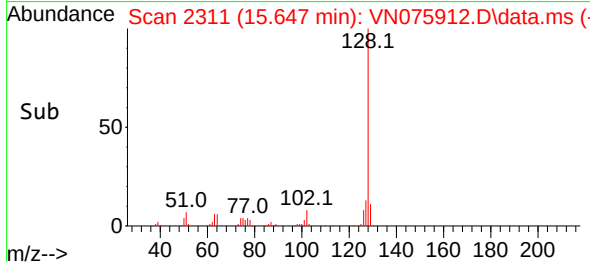
Instrument :
MSVOA_N
ClientSampleId :
VN1221MBS01



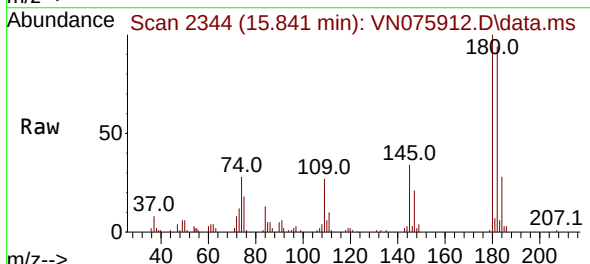
Tgt Ion:128 Resp: 207099
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.717 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075912.D
Acq: 21 Dec 2022 12:17



Tgt Ion:180 Resp: 68193
Ion Ratio Lower Upper
180 100
182 95.4 47.0 141.0
145 32.2 16.0 47.9

