

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074410.D
 Acq On : 12 Sep 2022 13:36
 Operator : JC\MD
 Sample : VN0912WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/14/2022
 Supervised By : Mahesh Dadoda 09/14/2022

Quant Time: Sep 13 05:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	250165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	456311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	414155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	192782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	228528	52.799	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.600%			
35) Dibromofluoromethane	7.951	113	168132	54.579	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.160%			
50) Toluene-d8	10.381	98	625921	52.146	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.300%			
62) 4-Bromofluorobenzene	12.675	95	220504	50.598	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	65643	20.248	ug/l	97
3) Chloromethane	2.263	50	87254	21.662	ug/l	100
4) Vinyl Chloride	2.405	62	130504	24.095	ug/l	98
5) Bromomethane	2.787	94	93359	24.667	ug/l	88
6) Chloroethane	2.958	64	87290m	23.772	ug/l	
7) Trichlorofluoromethane	3.316	101	114031	21.322	ug/l	99
8) Diethyl Ether	3.763	74	46485	20.600	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	66183	20.651	ug/l	98
10) Methyl Iodide	4.352	142	77262	20.855	ug/l	96
11) Tert butyl alcohol	5.293	59	122140	107.887	ug/l	97
12) 1,1-Dichloroethene	4.110	96	60929	19.538	ug/l	85
13) Acrolein	3.975	56	67087	89.210	ug/l	94
14) Allyl chloride	4.757	41	134901	19.721	ug/l	97
15) Acrylonitrile	5.469	53	278594	107.562	ug/l	100
16) Acetone	4.222	43	252837	108.203	ug/l	100
17) Carbon Disulfide	4.457	76	175084	20.658	ug/l	97
18) Methyl Acetate	4.775	43	149215	21.662	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	252324	20.103	ug/l	97
20) Methylene Chloride	5.004	84	78837	22.157	ug/l	90
21) trans-1,2-Dichloroethene	5.510	96	69792	19.972	ug/l	95
22) Diisopropyl ether	6.410	45	280198	20.344	ug/l	98
23) Vinyl Acetate	6.351	43	1285623	104.593	ug/l	98
24) 1,1-Dichloroethane	6.304	63	140756	19.889	ug/l	96
25) 2-Butanone	7.257	43	423745	108.031	ug/l	96
26) 2,2-Dichloropropane	7.257	77	117837	18.406	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	82608	19.188	ug/l	100
28) Bromochloromethane	7.581	49	44403	20.402	ug/l	97
29) Tetrahydrofuran	7.610	42	280289	108.099	ug/l	99
30) Chloroform	7.745	83	147457	20.874	ug/l	98
31) Cyclohexane	8.028	56	135042	19.618	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	131106	20.688	ug/l	99
36) 1,1-Dichloropropene	8.145	75	105227	20.734	ug/l	98
37) Ethyl Acetate	7.340	43	163078	22.152	ug/l	98
38) Carbon Tetrachloride	8.134	117	111574	21.295	ug/l	93
39) Methylcyclohexane	9.392	83	125831	19.563	ug/l	98
40) Benzene	8.392	78	323334	20.809	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	75803	20.751	ug/l #	89
42) 1,2-Dichloroethane	8.469	62	128283	21.595	ug/l	97
43) Isopropyl Acetate	8.498	43	252106	20.940	ug/l	99
44) Trichloroethene	9.151	130	72571	20.832	ug/l	88
45) 1,2-Dichloropropane	9.428	63	84466	20.477	ug/l	96
46) Dibromomethane	9.516	93	61547	21.792	ug/l	98
47) Bromodichloromethane	9.704	83	120697	21.440	ug/l #	95
48) Methyl methacrylate	9.498	41	108090	20.371	ug/l	96
49) 1,4-Dioxane	9.504	88	48613	434.761	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	872514	110.817	ug/l	99
52) Toluene	10.445	92	207008	21.542	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	125924	20.277	ug/l	92
54) cis-1,3-Dichloropropene	10.128	75	130848	19.764	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	79749	20.133	ug/l	93
56) Ethyl methacrylate	10.704	69	142583	21.185	ug/l	93
57) 1,3-Dichloropropane	10.986	76	146634	21.179	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.981	63	290415	92.760	ug/l	99
59) 2-Hexanone	11.028	43	698794	115.010	ug/l	96
60) Dibromochloromethane	11.181	129	87105	21.720	ug/l	100
61) 1,2-Dibromoethane	11.286	107	83800	20.564	ug/l	97
64) Tetrachloroethene	10.916	164	57584	20.510	ug/l	93
65) Chlorobenzene	11.710	112	208742	20.903	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.786	131	77467	19.859	ug/l	95
67) Ethyl Benzene	11.786	91	396528	21.022	ug/l	98
68) m/p-Xylenes	11.898	106	290010	40.899	ug/l	100
69) o-Xylene	12.222	106	151794	21.296	ug/l	99
70) Styrene	12.239	104	243721	21.507	ug/l	99
71) Bromoform	12.398	173	62548	21.407	ug/l #	99
73) Isopropylbenzene	12.522	105	388288	20.964	ug/l	100
74) N-amyl acetate	12.333	43	220104	22.534	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.769	83	151455	21.759	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	111890m	22.202	ug/l	
77) Bromobenzene	12.798	156	84064	21.142	ug/l	97
78) n-propylbenzene	12.863	91	456993	21.537	ug/l	97
79) 2-Chlorotoluene	12.951	91	264993	20.484	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	319581	20.797	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	43986	19.454	ug/l	87
82) 4-Chlorotoluene	13.045	91	254228	20.367	ug/l	98
83) tert-Butylbenzene	13.269	119	284332	20.552	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	317476	20.845	ug/l	96
85) sec-Butylbenzene	13.445	105	397699	21.124	ug/l	100
86) p-Isopropyltoluene	13.557	119	311249	20.654	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	155415	21.141	ug/l	97
88) 1,4-Dichlorobenzene	13.639	146	148464	19.991	ug/l	99
89) n-Butylbenzene	13.886	91	264434	20.621	ug/l	99
90) Hexachloroethane	14.151	117	63909	20.075	ug/l	100
91) 1,2-Dichlorobenzene	13.933	146	155887	20.163	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36673	22.475	ug/l	98
93) 1,2,4-Trichlorobenzene	15.198	180	79729	20.695	ug/l	99
94) Hexachlorobutadiene	15.304	225	34966	20.025	ug/l	97
95) Naphthalene	15.439	128	313665	20.811	ug/l	100
96) 1,2,3-Trichlorobenzene	15.633	180	79775	20.010	ug/l	98

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ClientSampleId :
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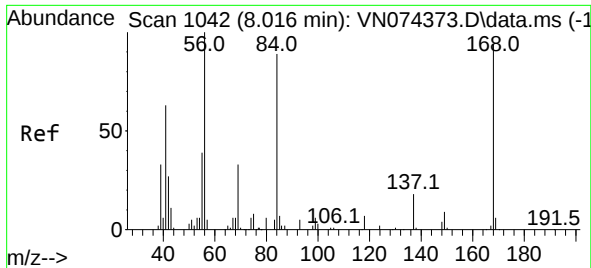
Manual Integrations
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Quant Title : SW846 8260
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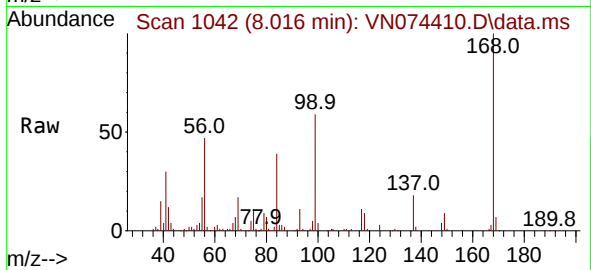
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

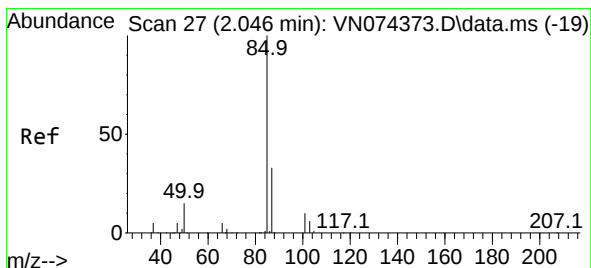
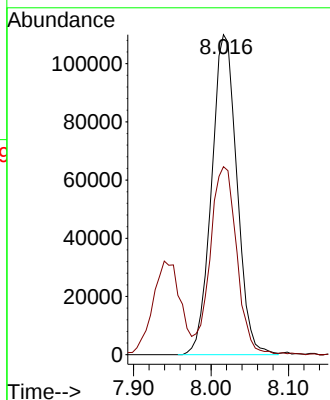
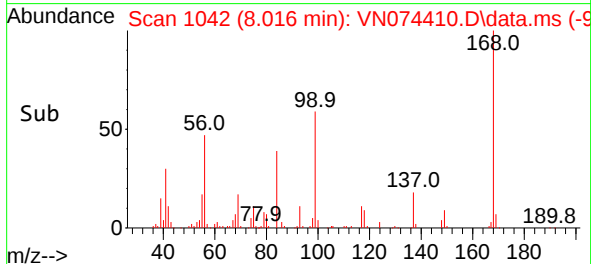
Instrument :
MSVOA_N
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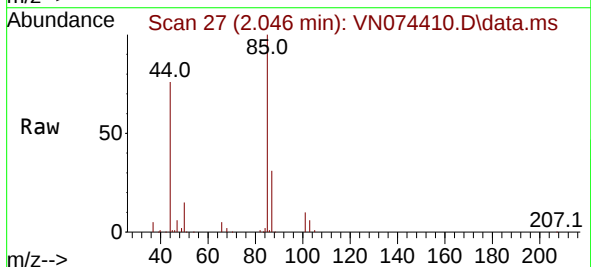
Tgt Ion:168 Resp: 250168
Ion Ratio Lower Upper
168 100
99 58.4 52.8 79.2

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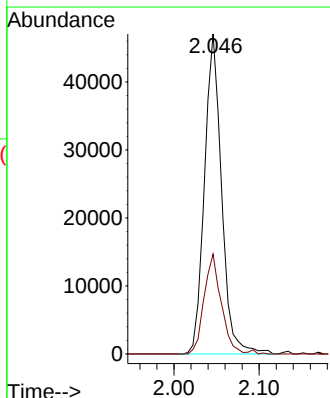
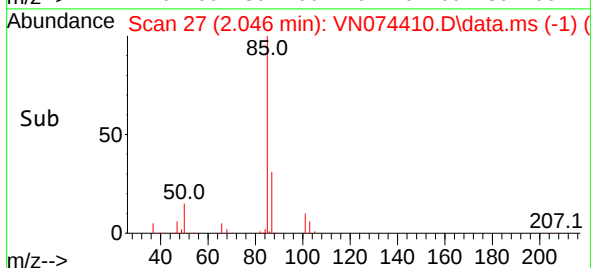
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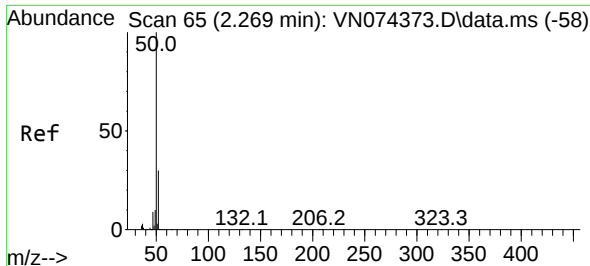


#2
Dichlorodifluoromethane
Concen: 20.248 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



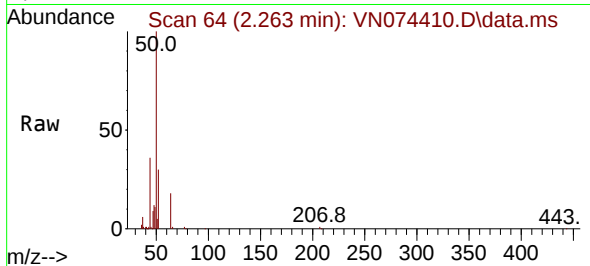
Tgt Ion: 85 Resp: 65643
Ion Ratio Lower Upper
85 100
87 31.2 16.4 49.2





#3
Chloromethane
Concen: 21.662 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

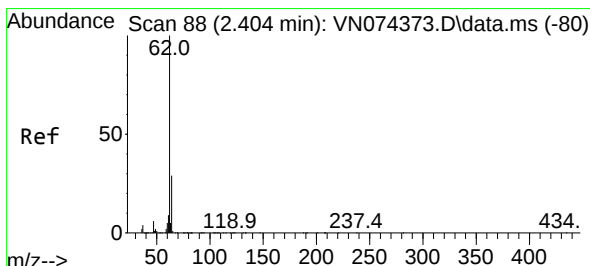
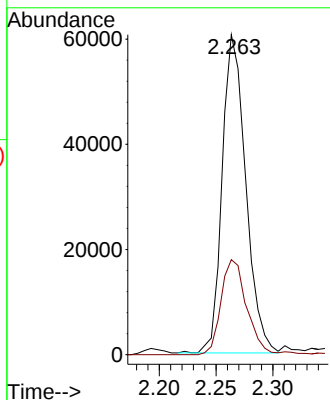
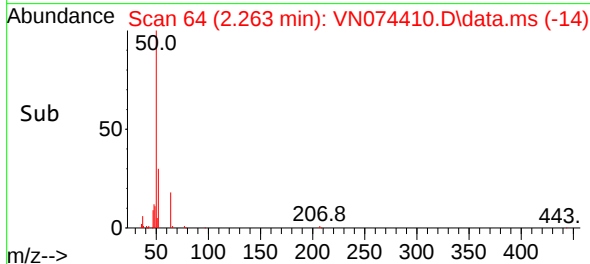
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Tgt Ion: 50 Resp: 87254
Ion Ratio Lower Upper
50 100
52 29.9 24.1 36.1

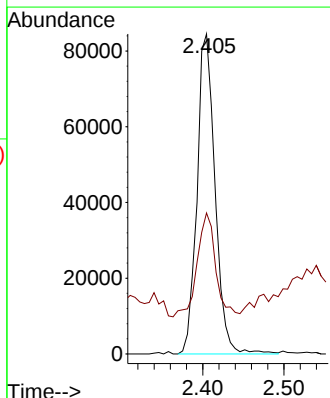
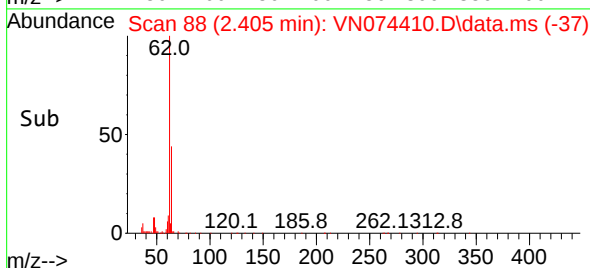
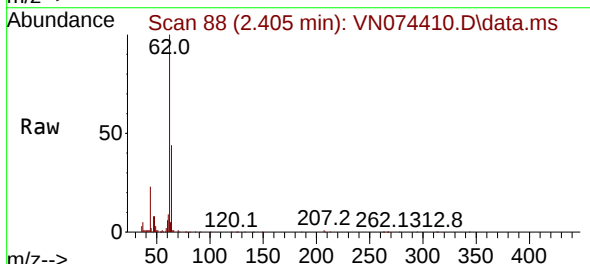
Manual Integrations
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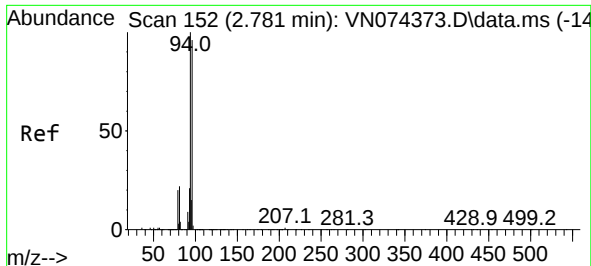
Reviewed By :John Carlone 09/14/2022
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#4
Vinyl Chloride
Concen: 24.095 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion: 62 Resp: 130504
Ion Ratio Lower Upper
62 100
64 30.6 23.5 35.3





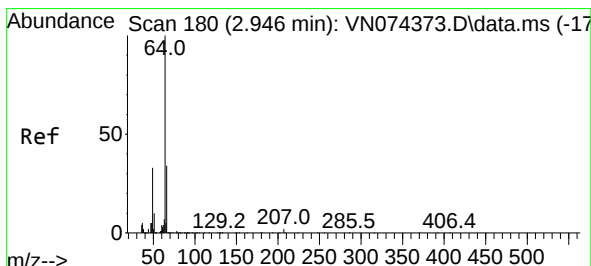
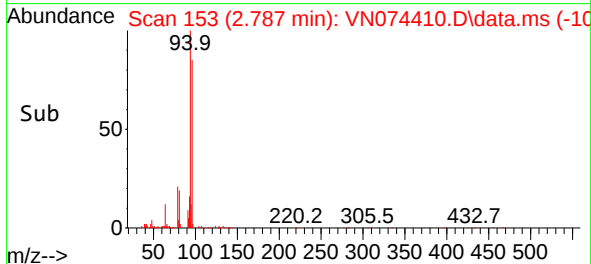
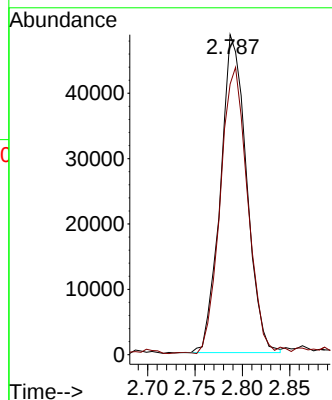
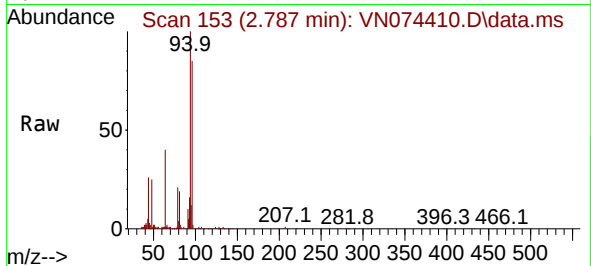
#5
Bromomethane
Concen: 24.667 ug/l
RT: 2.787 min Scan# 152
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 9335
Ion Ratio Lower Upper
94 100
96 84.5 76.7 115.1

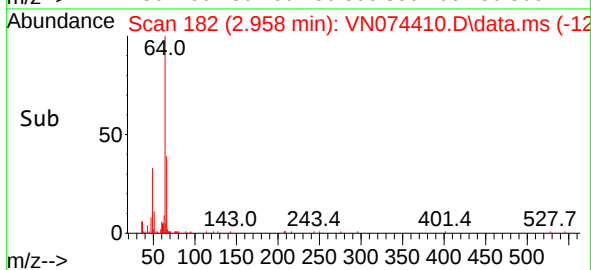
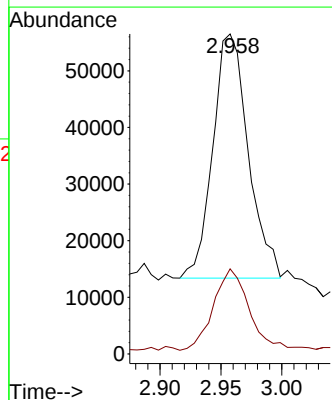
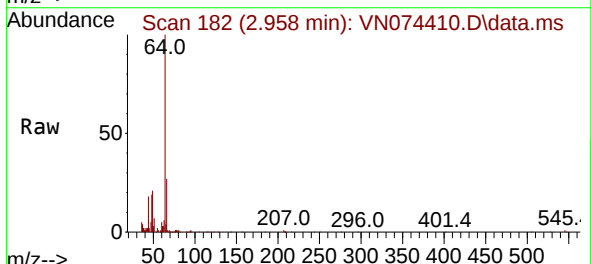
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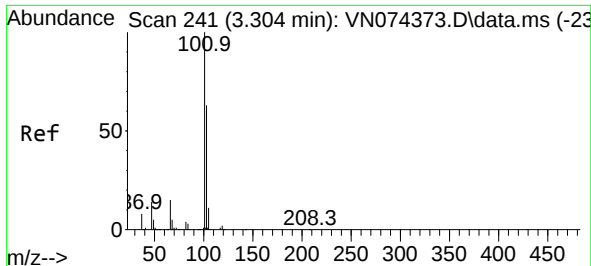
Reviewed By :John Carlone 09/14/2022
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#6
Chloroethane
Concen: 23.772 ug/l m
RT: 2.958 min Scan# 182
Delta R.T. 0.012 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion: 64 Resp: 87290
Ion Ratio Lower Upper
64 100
66 26.6 26.5 39.7





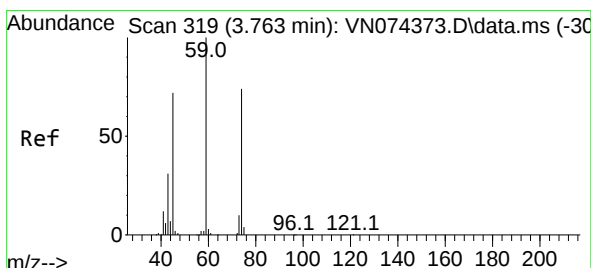
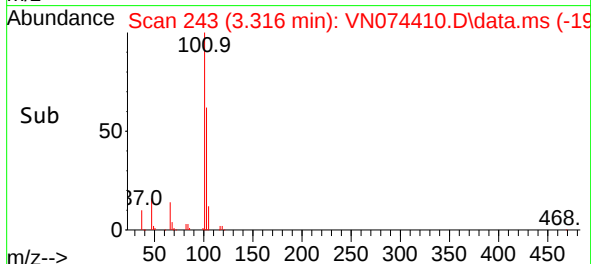
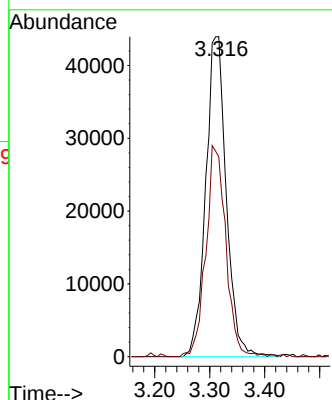
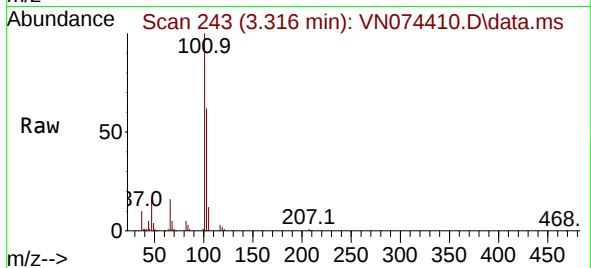
#7
Trichlorofluoromethane
Concen: 21.322 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:101 Resp: 11403
Ion Ratio Lower Upper
101 100
103 62.4 50.8 76.2

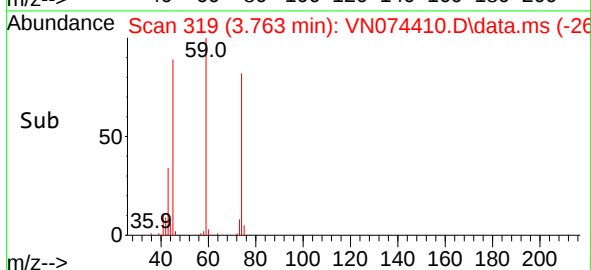
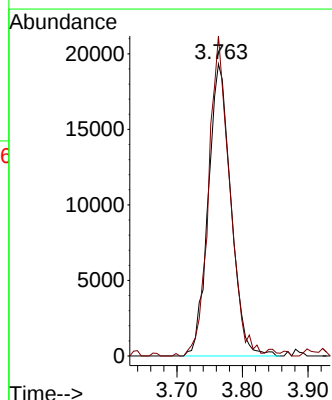
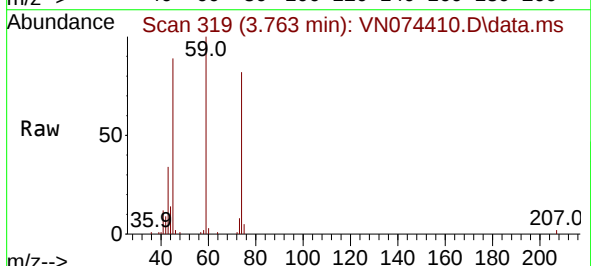
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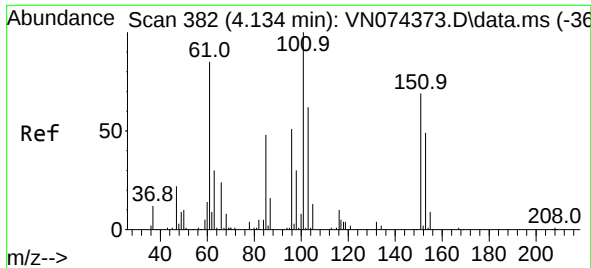
Reviewed By :John Carlone 09/14/2022
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#8
Diethyl Ether
Concen: 20.600 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion: 74 Resp: 46485
Ion Ratio Lower Upper
74 100
45 102.1 52.4 157.3





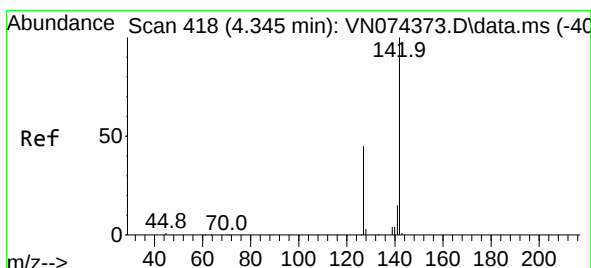
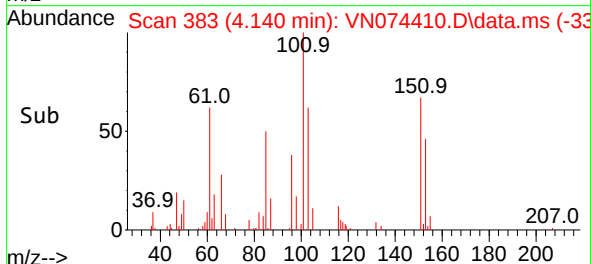
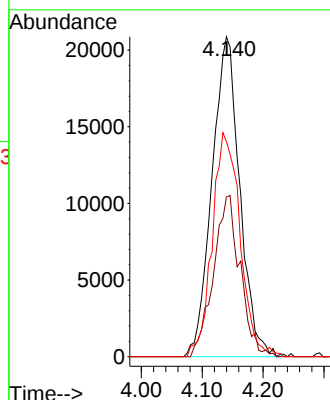
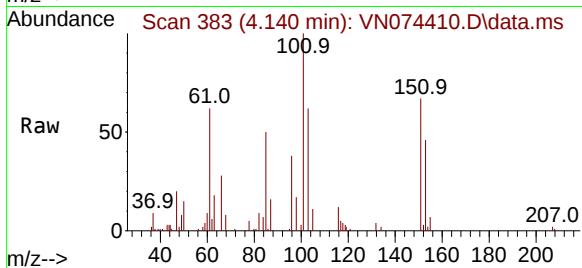
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.651 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:101 Resp: 6618
Ion Ratio Lower Upper
101 100
85 48.3 39.5 59.3
151 70.2 57.8 86.6

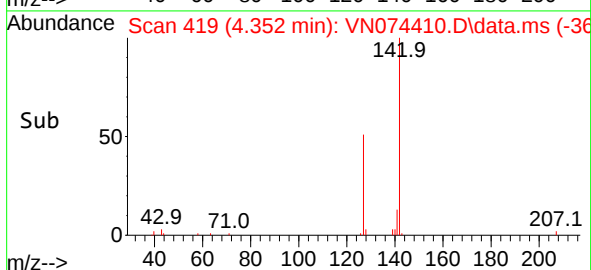
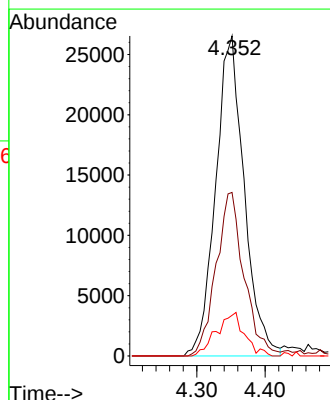
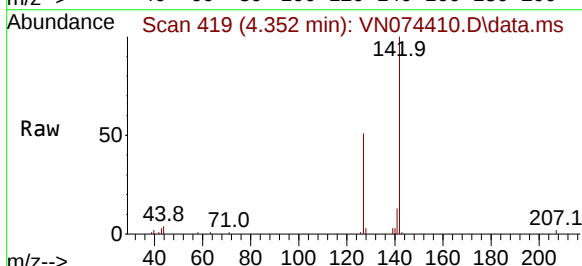
Manual Integrations
APPROVED

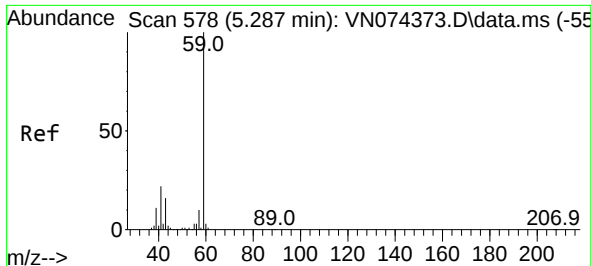
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#10
Methyl Iodide
Concen: 20.855 ug/l
RT: 4.352 min Scan# 419
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion:142 Resp: 77262
Ion Ratio Lower Upper
142 100
127 50.0 37.4 56.2
141 13.3 11.2 16.8





#11

Tert butyl alcohol

Concen: 107.887 ug/l

RT: 5.293 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 59 Resp: 122140

Ion Ratio Lower Upper

59 100

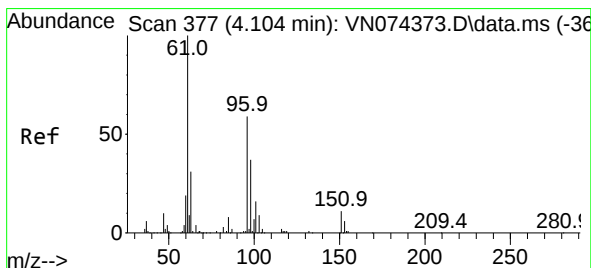
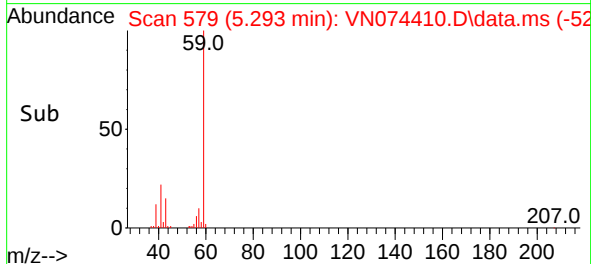
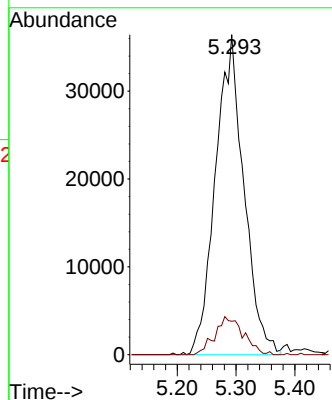
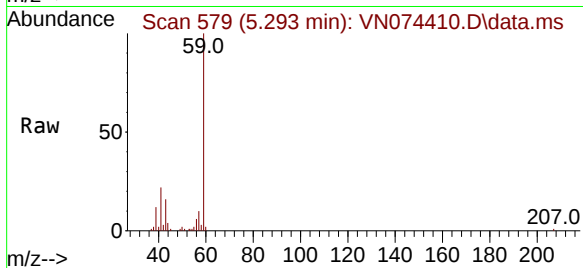
57 12.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#12

1,1-Dichloroethene

Concen: 19.538 ug/l

RT: 4.110 min Scan# 378

Delta R.T. 0.006 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

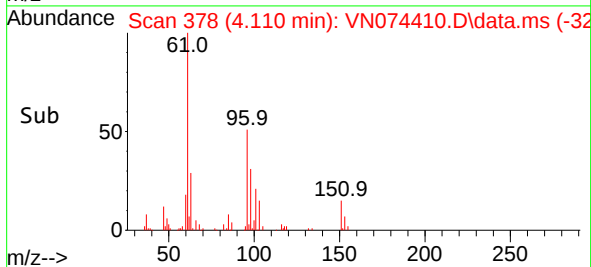
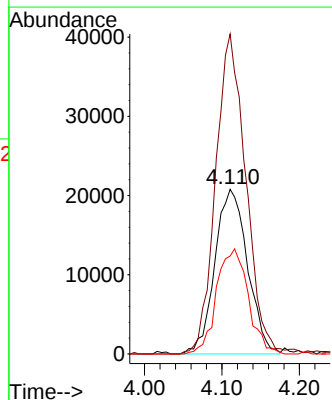
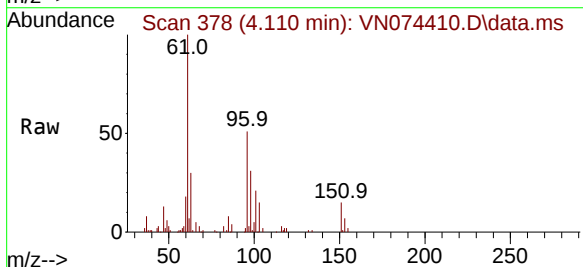
Tgt Ion: 96 Resp: 60929

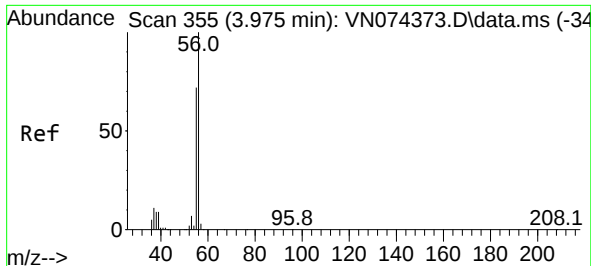
Ion Ratio Lower Upper

96 100

61 194.3 134.7 202.1

98 59.5 50.2 75.4





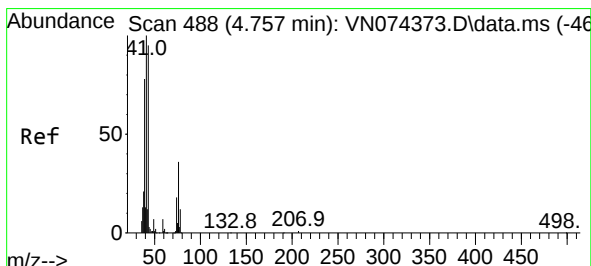
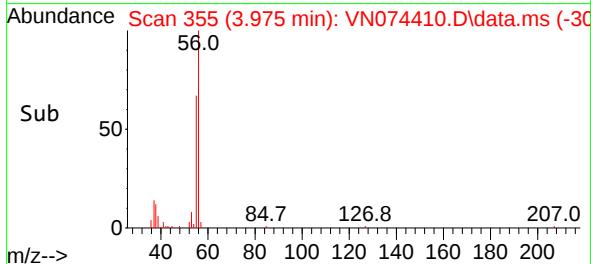
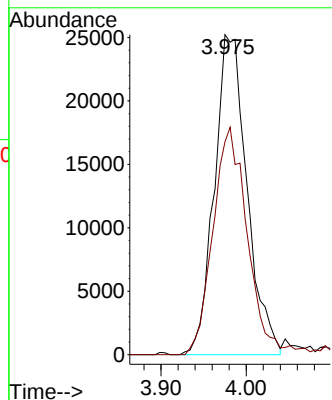
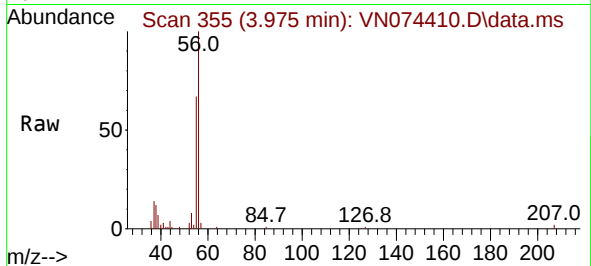
#13
Acrolein
Concen: 89.210 ug/l
RT: 3.975 min Scan# 355
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 56 Resp: 6708
Ion Ratio Lower Upper
56 100
55 75.1 56.2 84.4

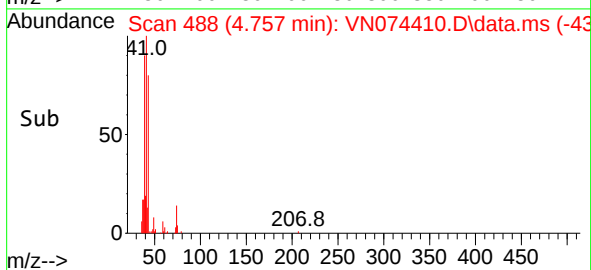
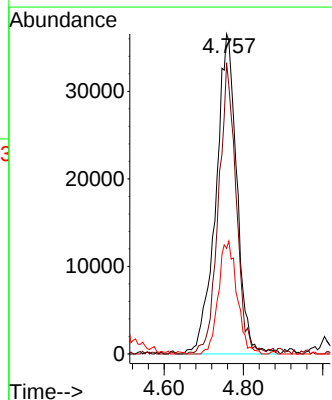
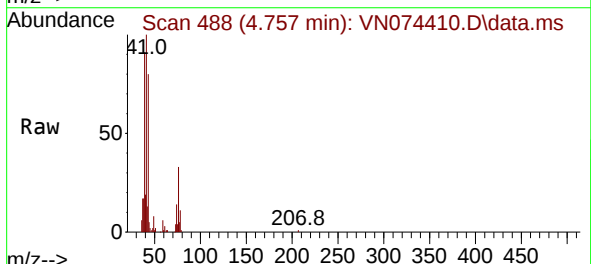
Manual Integrations
APPROVED

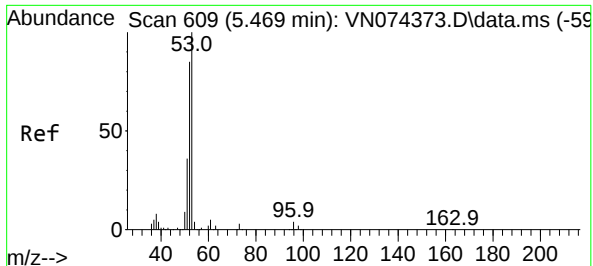
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#14
Allyl chloride
Concen: 19.721 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

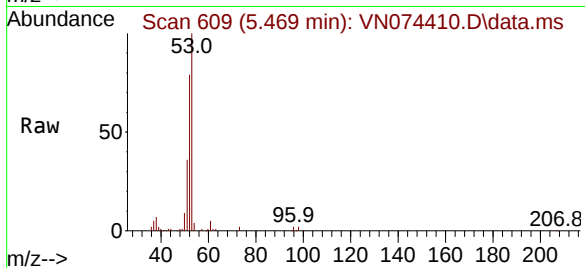
Tgt Ion: 41 Resp: 134901
Ion Ratio Lower Upper
41 100
39 75.9 58.5 87.7
76 31.2 24.2 36.4





#15
Acrylonitrile
Concen: 107.562 ug/l
RT: 5.469 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

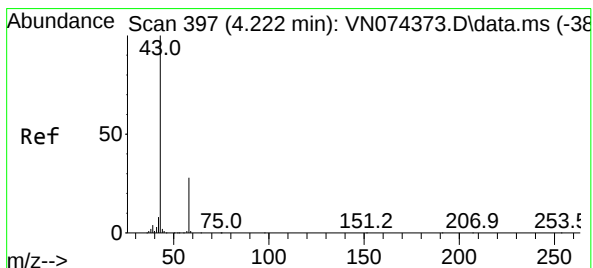
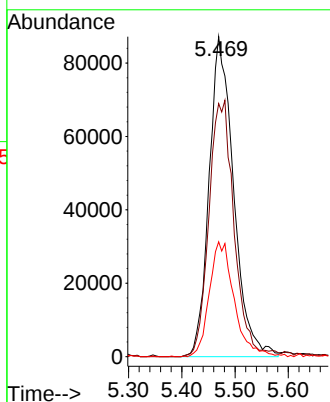
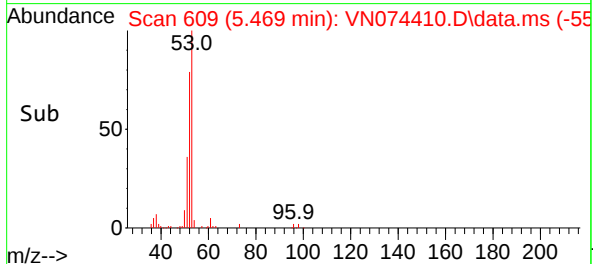
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



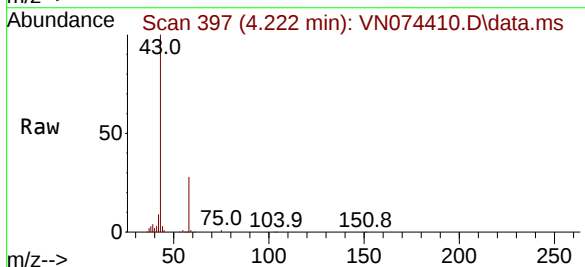
Tgt Ion: 53 Resp: 278594
Ion Ratio Lower Upper
53 100
52 82.3 65.9 98.9
51 36.5 29.4 44.2

Manual Integrations
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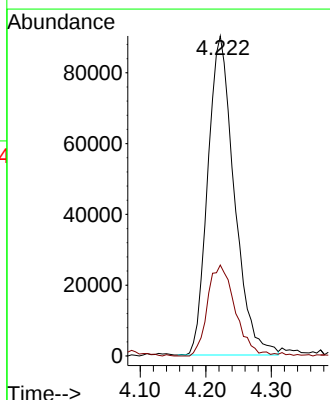
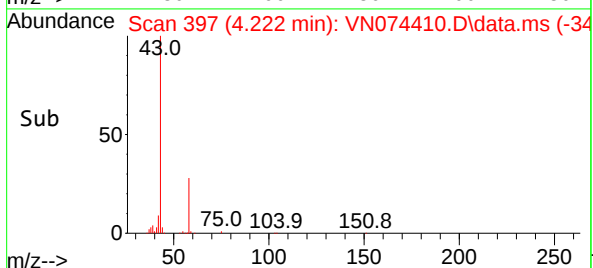
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

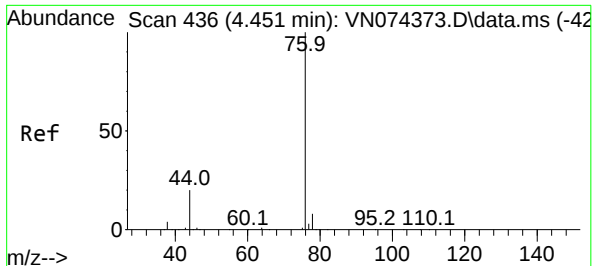


#16
Acetone
Concen: 108.203 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



Tgt Ion: 43 Resp: 252837
Ion Ratio Lower Upper
43 100
58 28.5 22.7 34.1





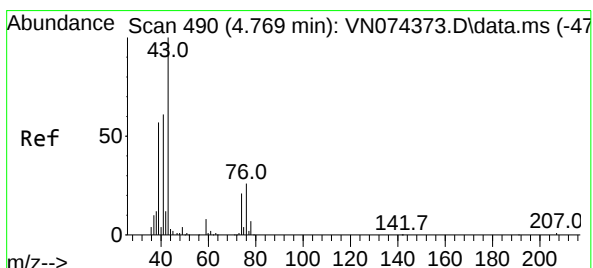
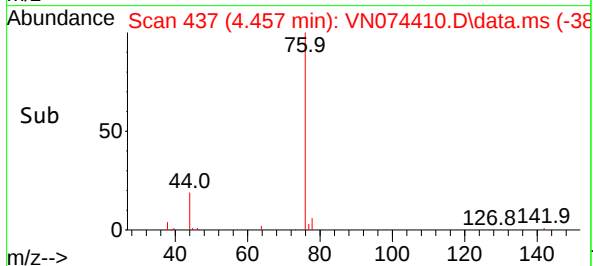
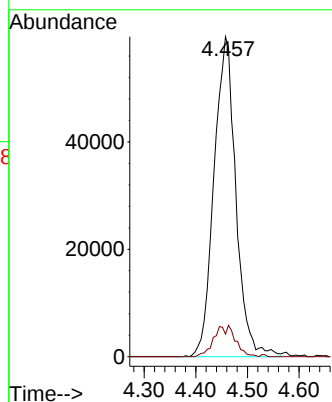
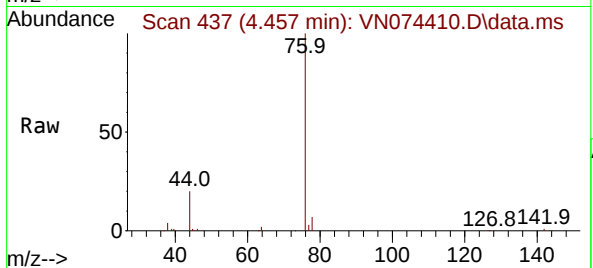
#17
Carbon Disulfide
Concen: 20.658 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 76 Resp: 175084
Ion Ratio Lower Upper
76 100
78 7.0 6.5 9.7

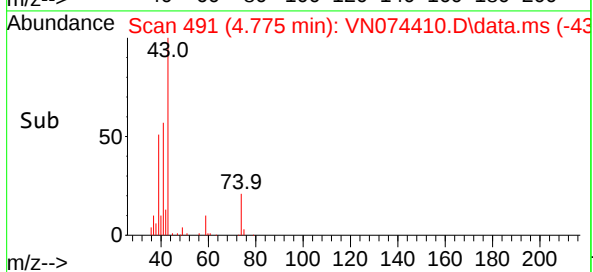
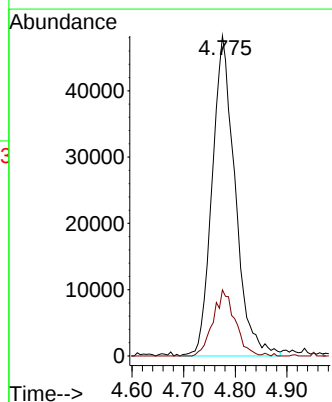
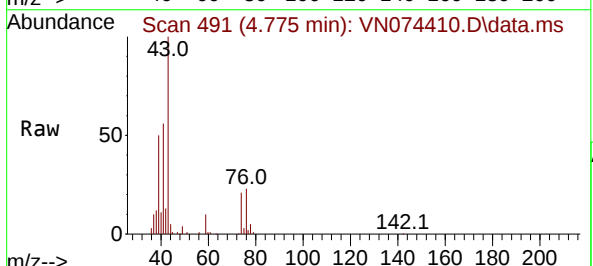
Manual Integrations
APPROVED

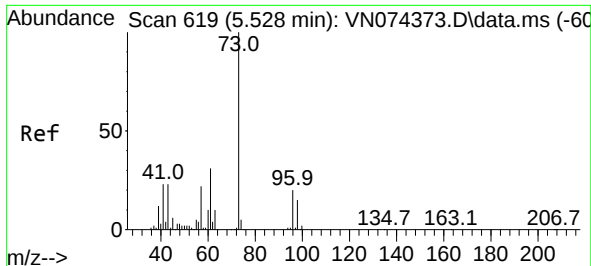
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#18
Methyl Acetate
Concen: 21.662 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

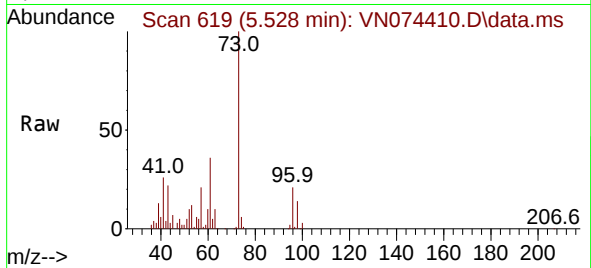
Tgt Ion: 43 Resp: 149215
Ion Ratio Lower Upper
43 100
74 19.7 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 20.103 ug/l
RT: 5.528 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

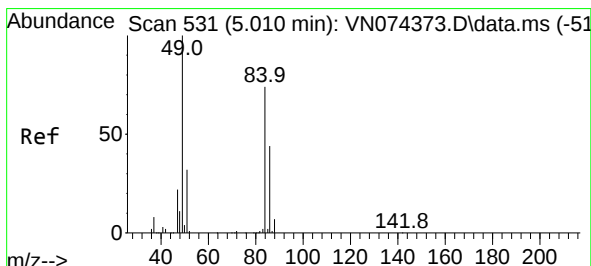
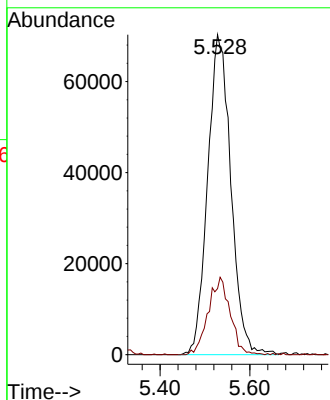
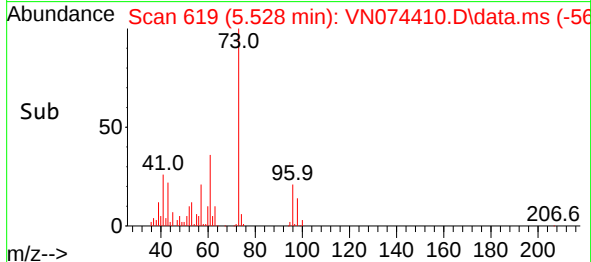
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 73 Resp: 252324
Ion Ratio Lower Upper
73 100
57 20.7 17.7 26.5

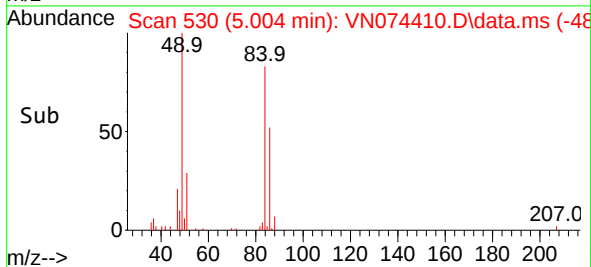
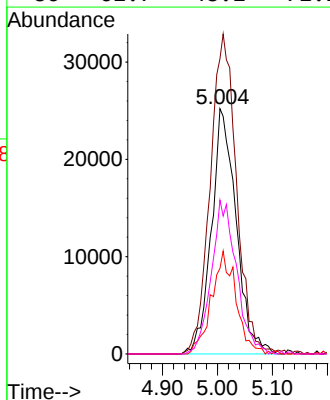
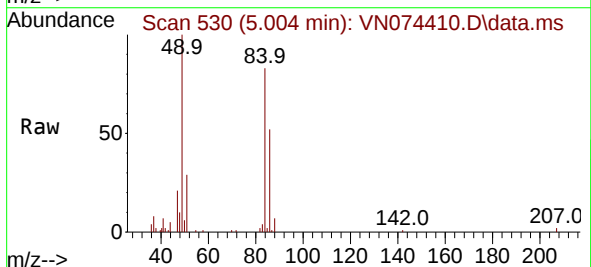
Manual Integrations
APPROVED

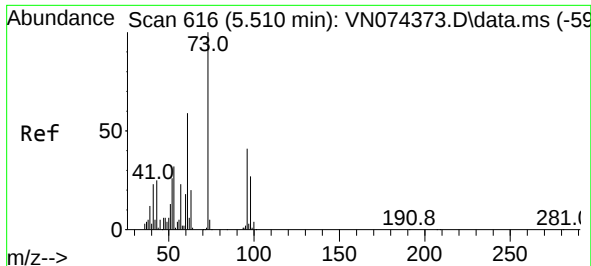
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#20
Methylene Chloride
Concen: 22.157 ug/l
RT: 5.004 min Scan# 530
Delta R.T. -0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

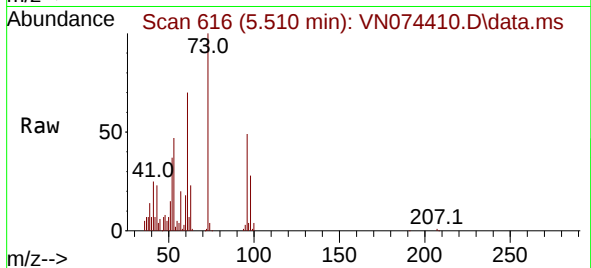
Tgt Ion: 84 Resp: 78837
Ion Ratio Lower Upper
84 100
49 120.4 108.2 162.4
51 34.9 34.3 51.5
86 62.7 48.2 72.2





#21
trans-1,2-Dichloroethene
Concen: 19.972 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

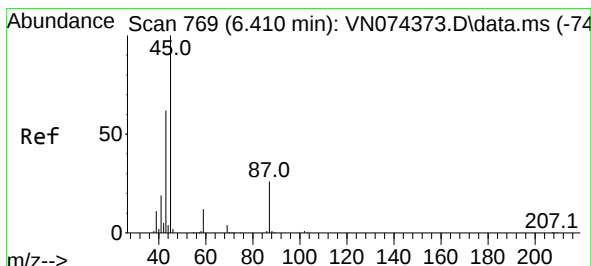
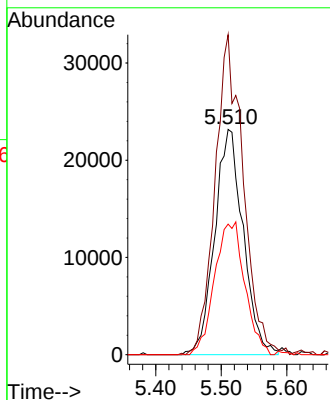
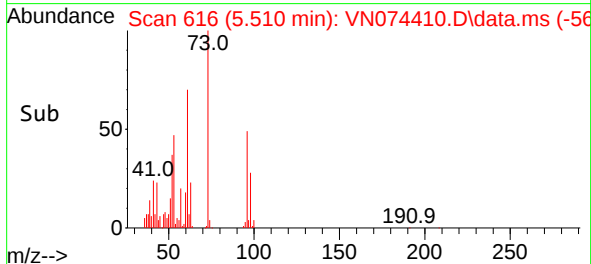
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 96 Resp: 69792
Ion Ratio Lower Upper
96 100
61 142.0 115.3 172.9
98 57.9 53.4 80.0

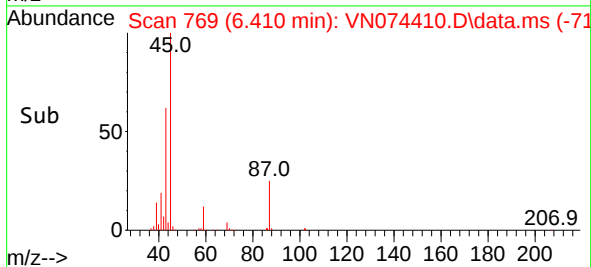
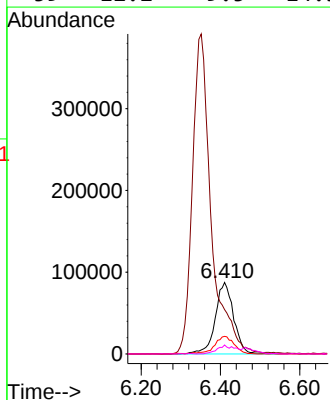
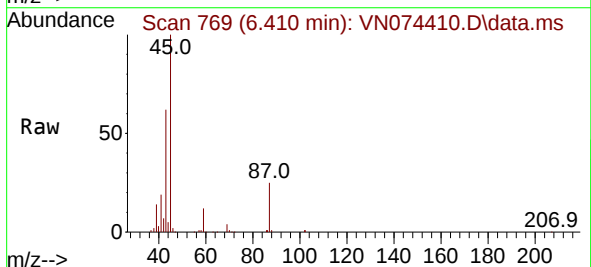
Manual Integrations
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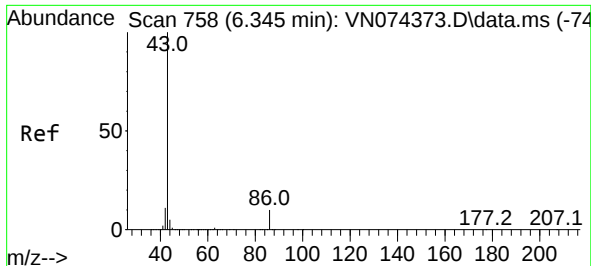
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#22
Diisopropyl ether
Concen: 20.344 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

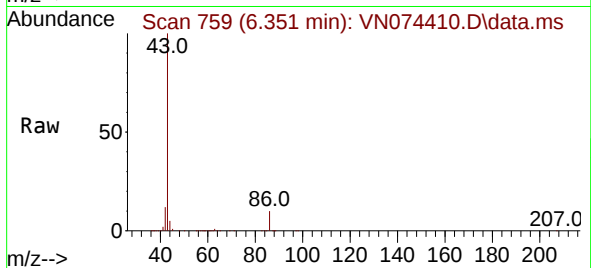
Tgt Ion: 45 Resp: 280198
Ion Ratio Lower Upper
45 100
43 60.2 49.4 74.0
87 24.7 21.3 31.9
59 12.2 9.5 14.3





#23
 Vinyl Acetate
 Concen: 104.593 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.006 min
 Lab File: VN074410.D
 Acq: 12 Sep 2022 13:36

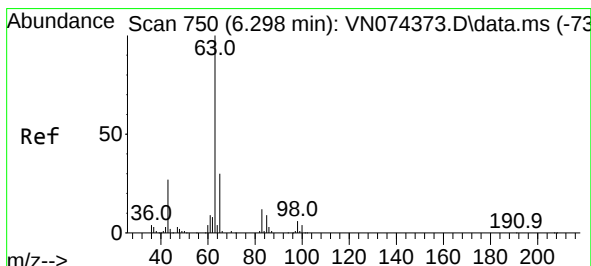
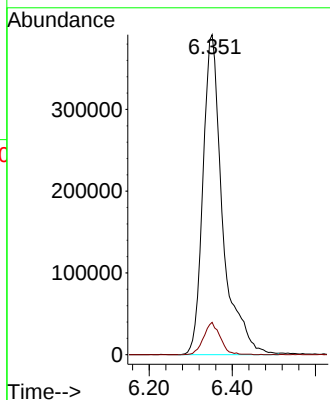
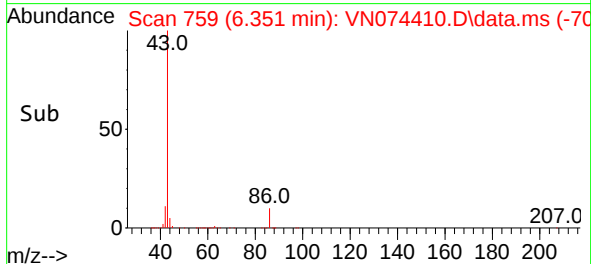
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



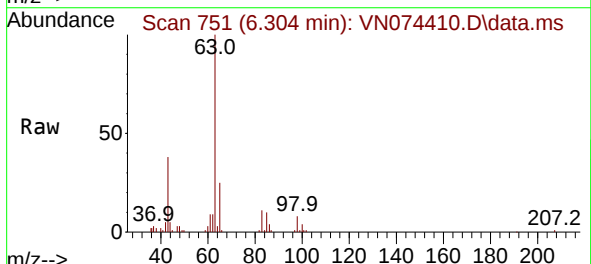
Tgt Ion: 43 Resp: 128562
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.6 11.4

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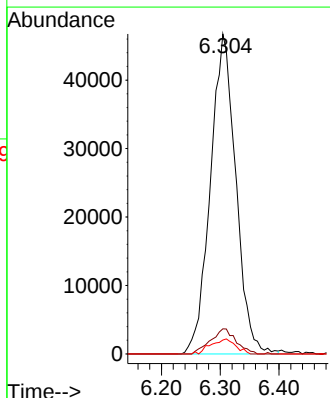
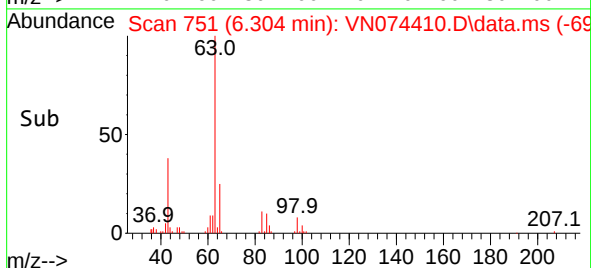
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022

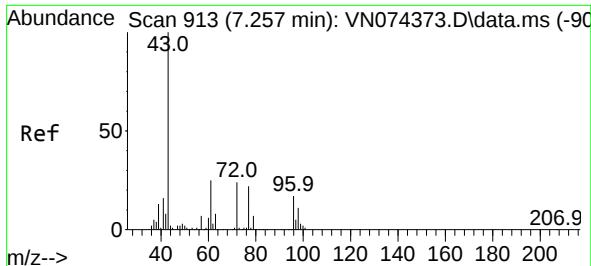


#24
 1,1-Dichloroethane
 Concen: 19.889 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.006 min
 Lab File: VN074410.D
 Acq: 12 Sep 2022 13:36



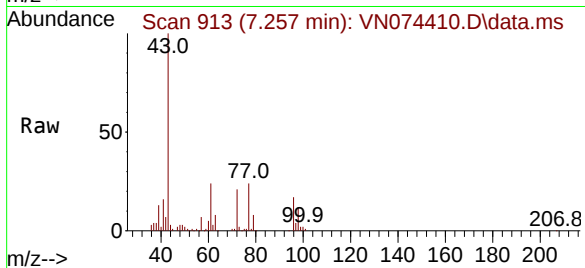
Tgt Ion: 63 Resp: 140756
 Ion Ratio Lower Upper
 63 100
 98 7.8 2.9 8.6
 100 4.4 2.0 5.8





#25
2-Butanone
Concen: 108.031 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

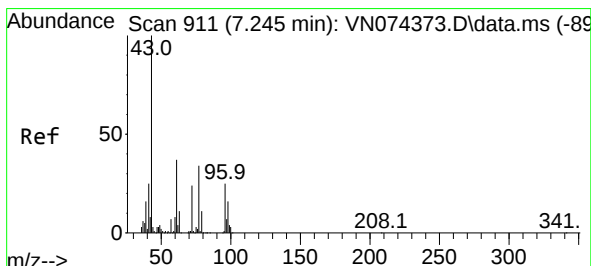
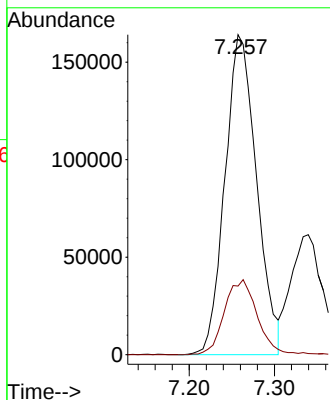
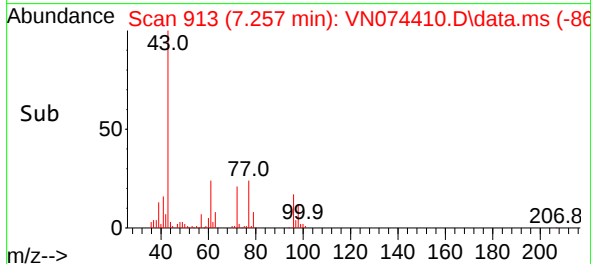
Instrument :
MSVOA_N
Client Sample Id :
VN0912WBS01



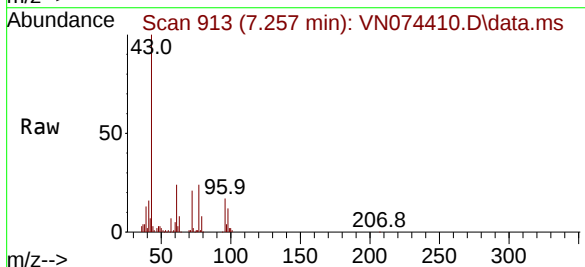
Tgt Ion: 43 Resp: 423745
Ion Ratio Lower Upper
43 100
72 21.5 18.9 28.3

Manual Integrations
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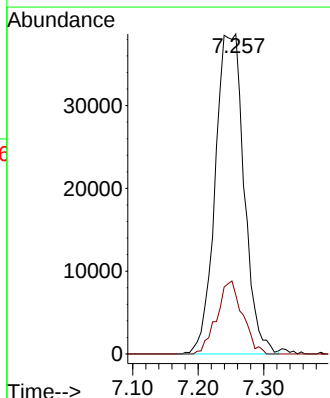
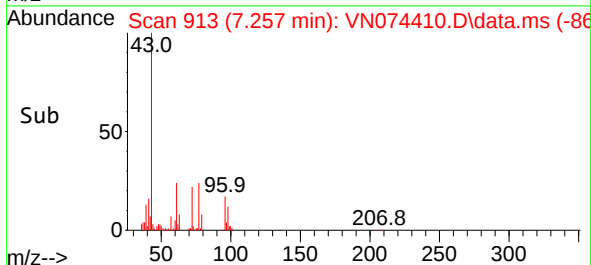
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#26
2,2-Dichloropropane
Concen: 18.406 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.012 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



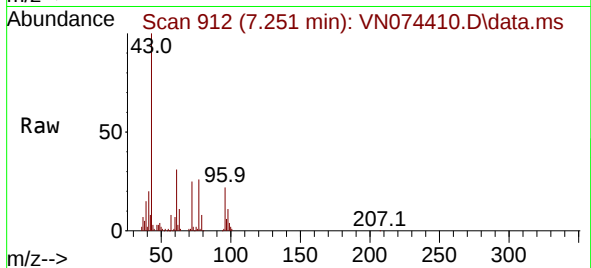
Tgt Ion: 77 Resp: 117837
Ion Ratio Lower Upper
77 100
97 20.3 10.7 32.1





#27
 cis-1,2-Dichloroethene
 Concen: 19.188 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN074410.D
 Acq: 12 Sep 2022 13:36

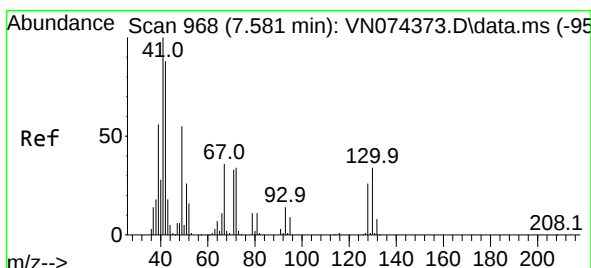
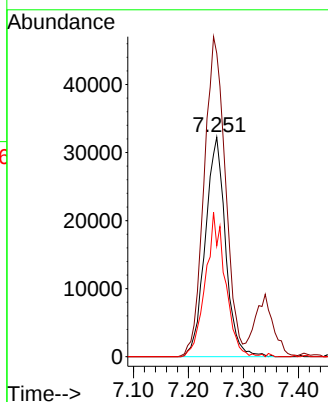
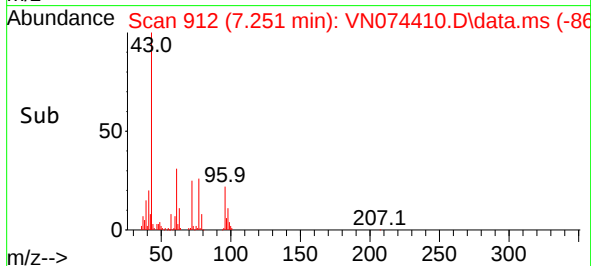
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion: 96 Resp: 82608
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 306.2
 98 64.2 0.0 129.8

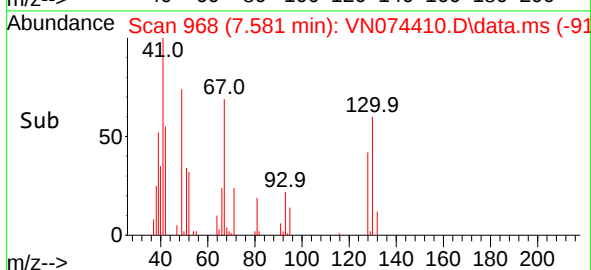
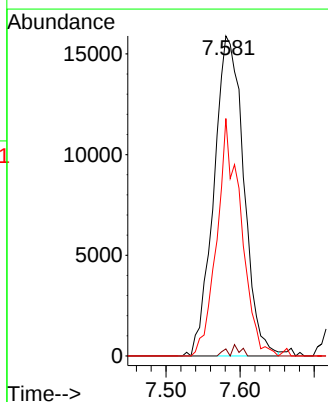
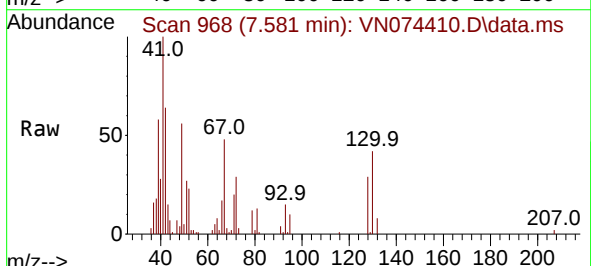
Manual Integrations
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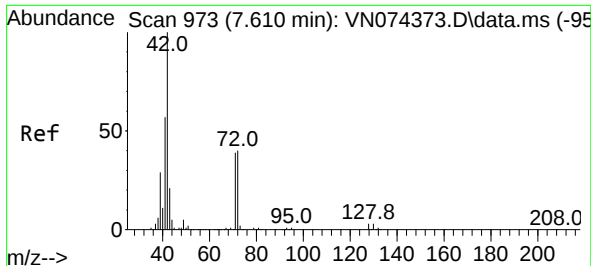
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#28
 Bromochloromethane
 Concen: 20.402 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN074410.D
 Acq: 12 Sep 2022 13:36

Tgt Ion: 49 Resp: 44403
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 2.2
 130 60.1 50.0 75.0





#29

Tetrahydrofuran

Concen: 108.099 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

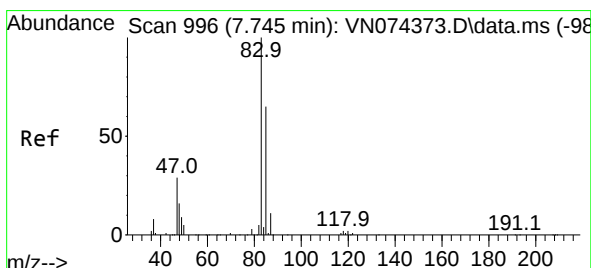
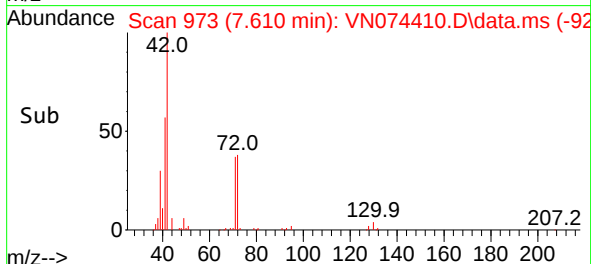
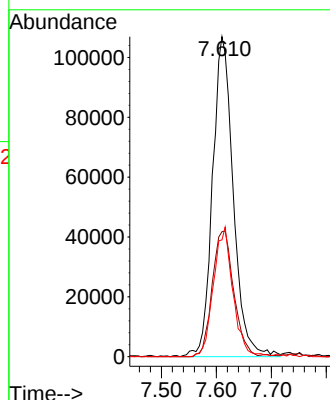
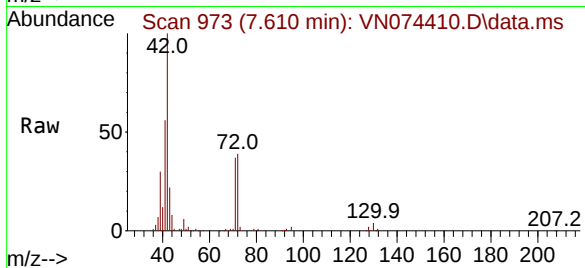
Tgt Ion:	42	Resp:	280289
Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.7	49.1
71	37.9	31.0	46.6

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#30

Chloroform

Concen: 20.874 ug/l

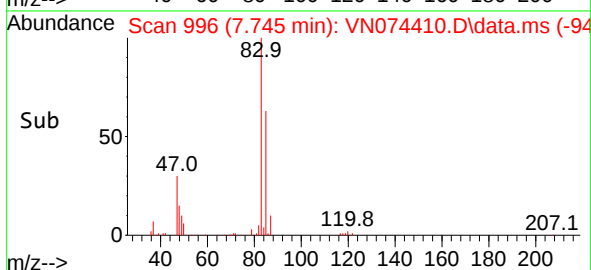
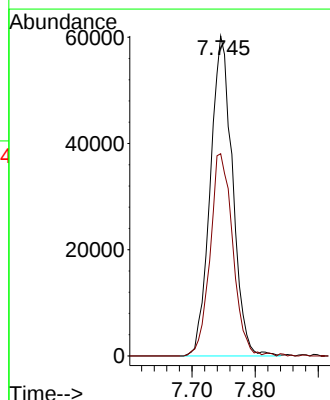
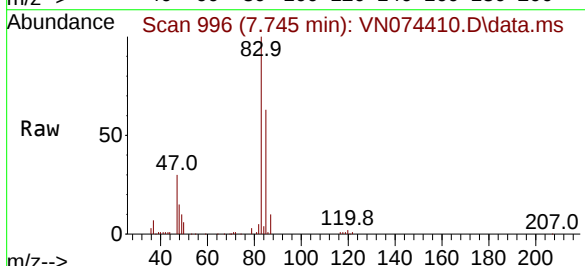
RT: 7.745 min Scan# 996

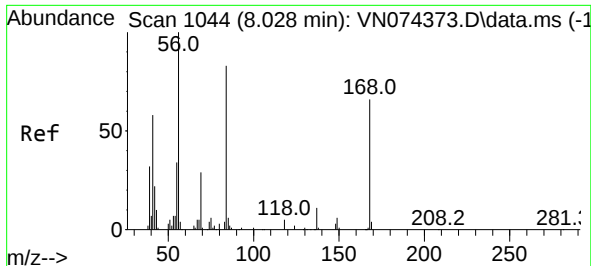
Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

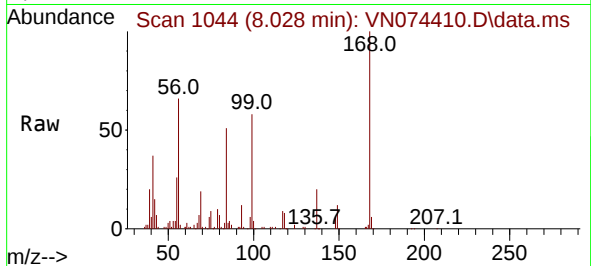
Tgt Ion:	83	Resp:	147457
Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.6





#31
Cyclohexane
Concen: 19.618 ug/l
RT: 8.028 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

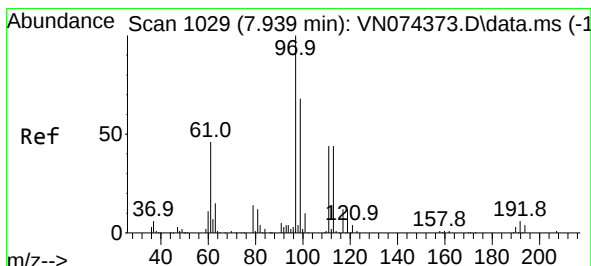
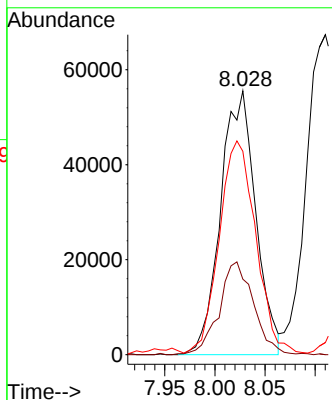
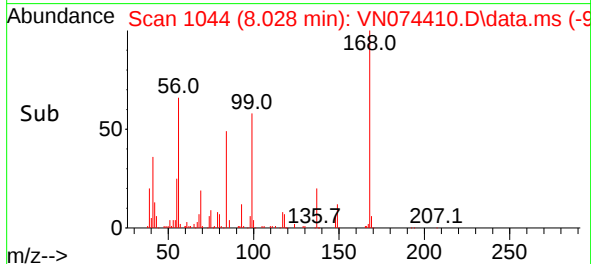
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



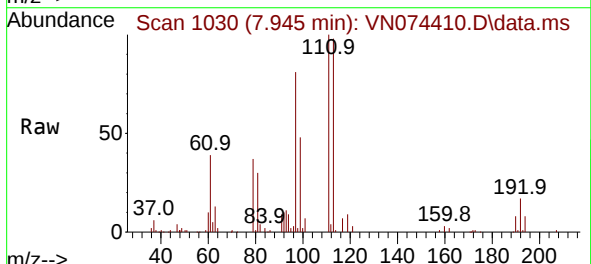
Tgt Ion: 56 Resp: 13504
Ion Ratio Lower Upper
56 100
69 28.0 23.0 34.4
84 75.6 66.3 99.5

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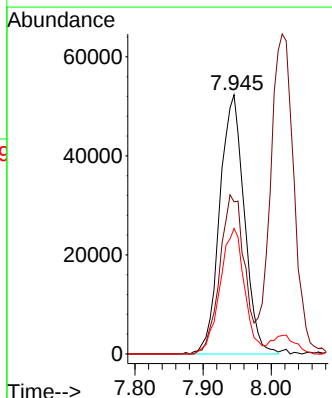
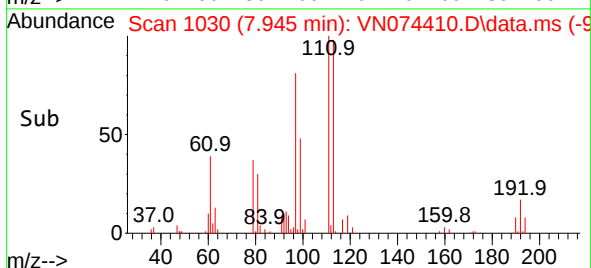
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

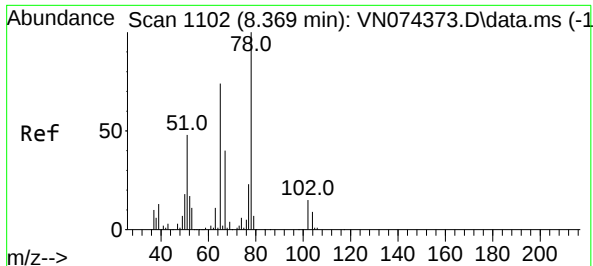


#32
1,1,1-Trichloroethane
Concen: 20.688 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



Tgt Ion: 97 Resp: 131106
Ion Ratio Lower Upper
97 100
99 61.2 50.2 75.2
61 48.2 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 52.799 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 65 Resp: 228528

Ion Ratio Lower Upper

65 100

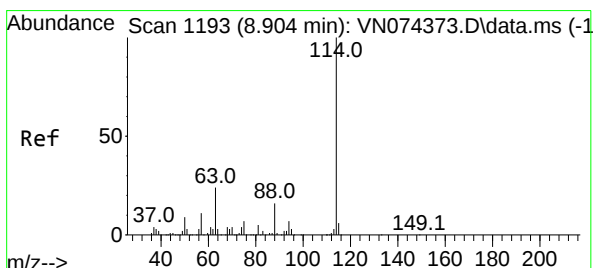
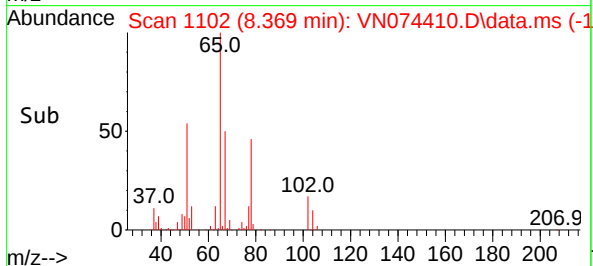
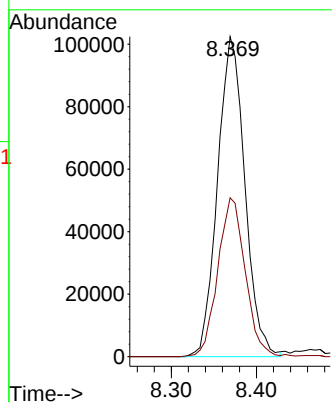
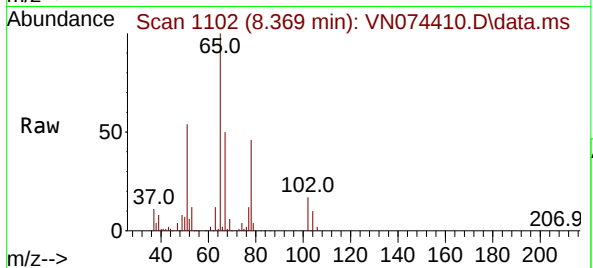
67 49.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

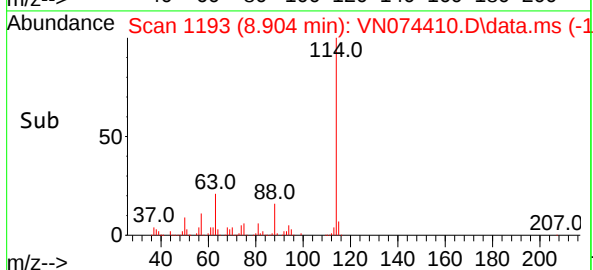
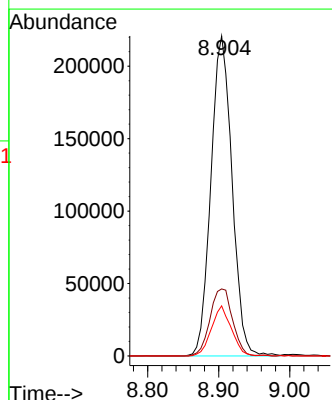
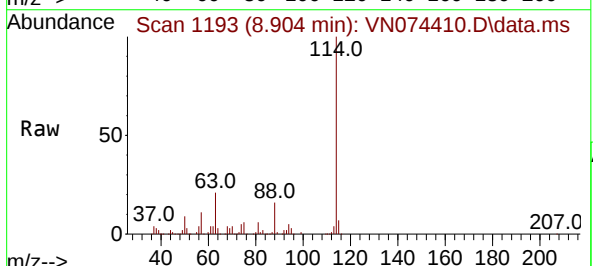
Tgt Ion:114 Resp: 456311

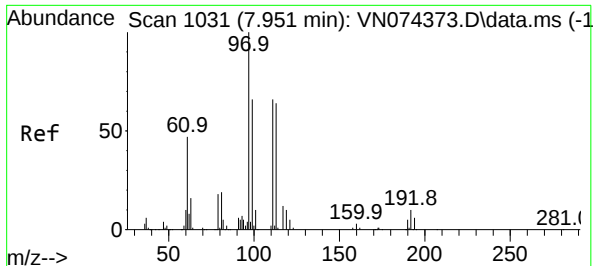
Ion Ratio Lower Upper

114 100

63 20.9 0.0 47.6

88 15.7 0.0 31.4





#35

Dibromofluoromethane

Concen: 54.579 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion:113 Resp: 16813

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

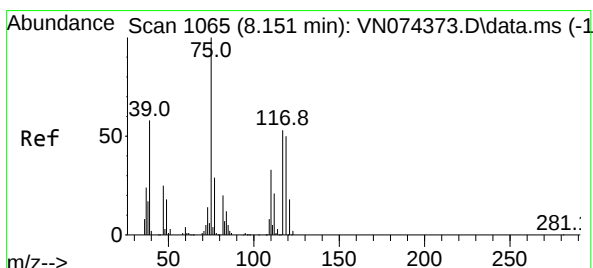
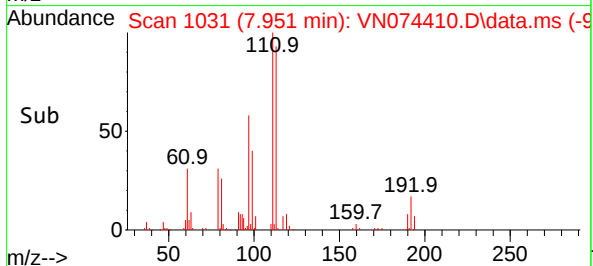
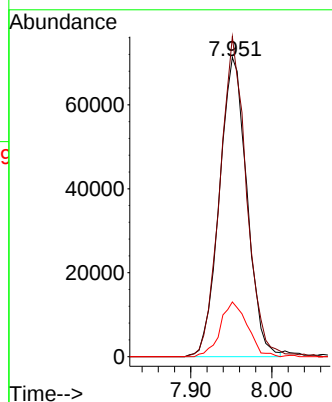
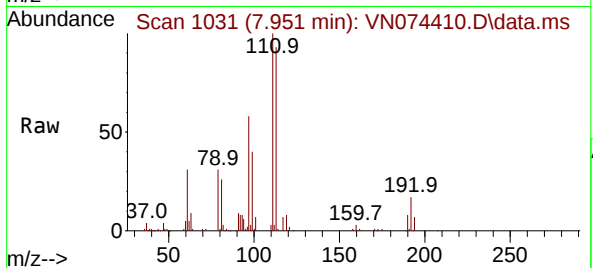
192 18.1 13.7 20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#36

1,1-Dichloropropene

Concen: 20.734 ug/l

RT: 8.145 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

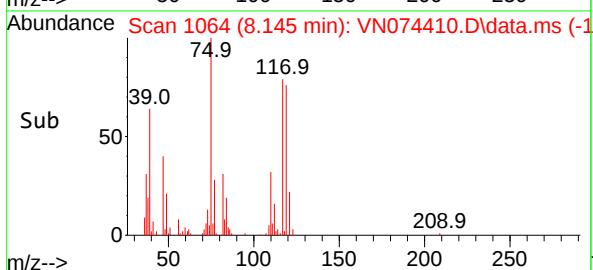
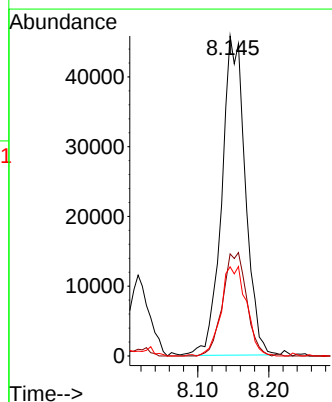
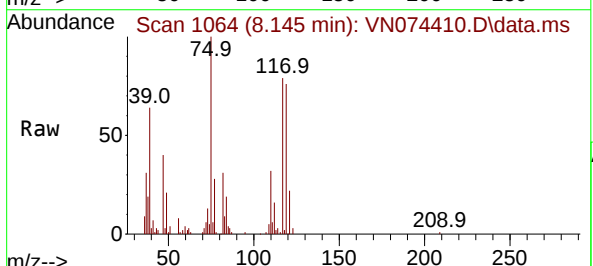
Tgt Ion: 75 Resp: 105227

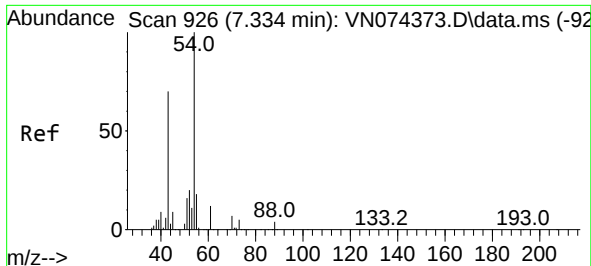
Ion Ratio Lower Upper

75 100

110 33.0 16.4 49.1

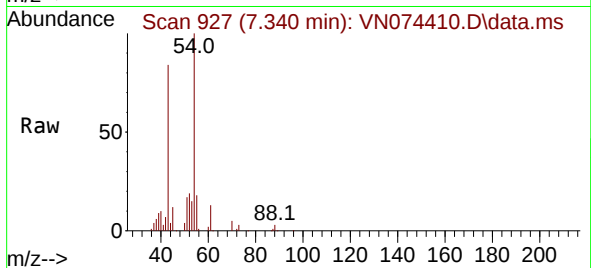
77 30.4 25.4 38.2





#37
Ethyl Acetate
Concen: 22.152 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

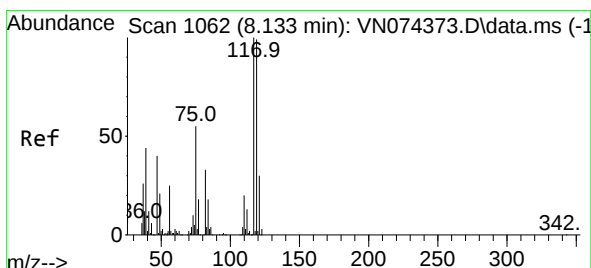
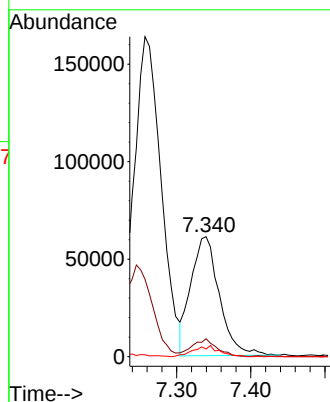
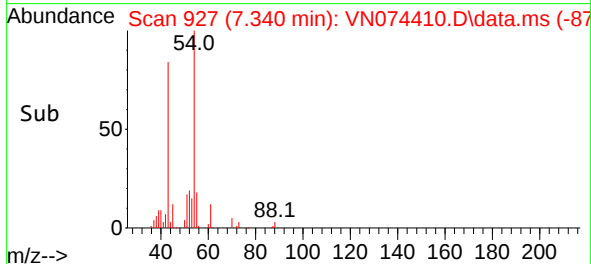
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 43 Resp: 163078
Ion Ratio Lower Upper
43 100
61 12.9 11.1 16.7
70 8.2 7.2 10.8

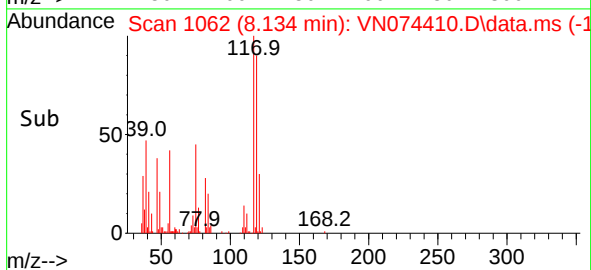
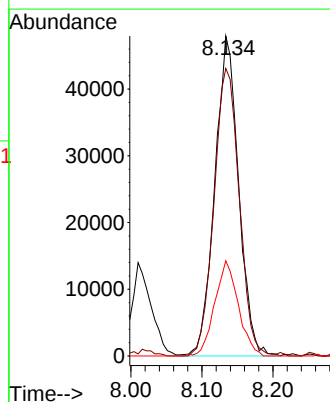
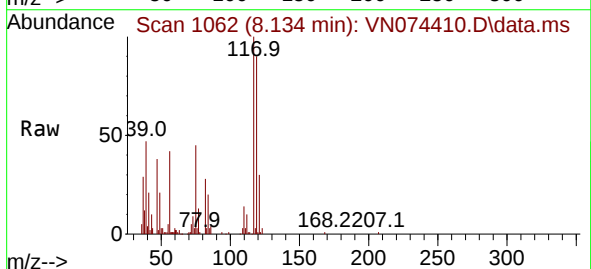
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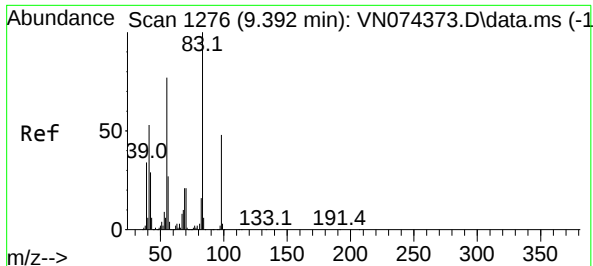
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#38
Carbon Tetrachloride
Concen: 21.295 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion:117 Resp: 111574
Ion Ratio Lower Upper
117 100
119 89.9 78.8 118.2
121 29.7 24.1 36.1





#39

Methylcyclohexane

Concen: 19.563 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

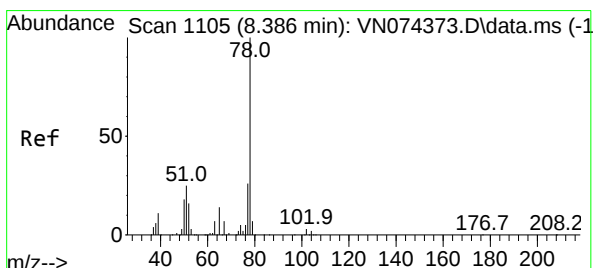
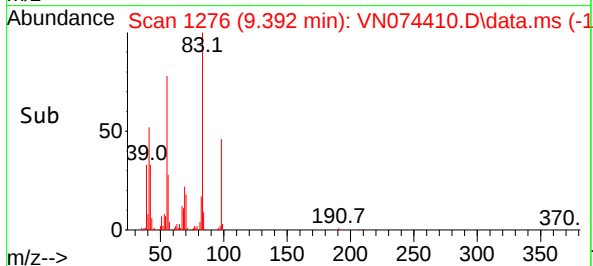
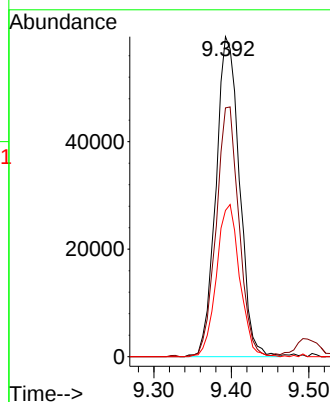
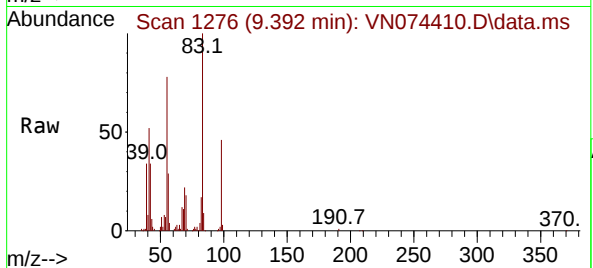
Tgt Ion:	83	Resp:	12583
Ion Ratio	Lower	Upper	
83	100		
55	77.7	61.2	91.8
98	45.7	38.5	57.7

Manual Integrations

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Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#40

Benzene

Concen: 20.809 ug/l

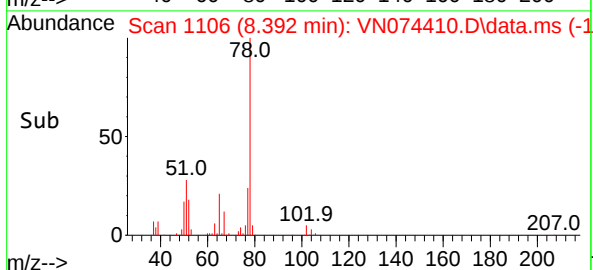
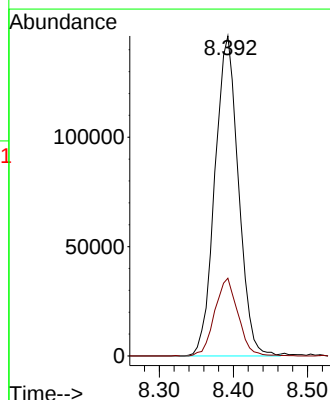
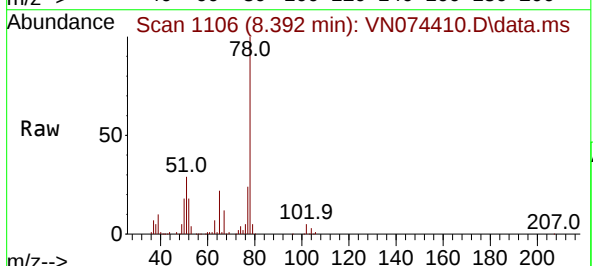
RT: 8.392 min Scan# 1106

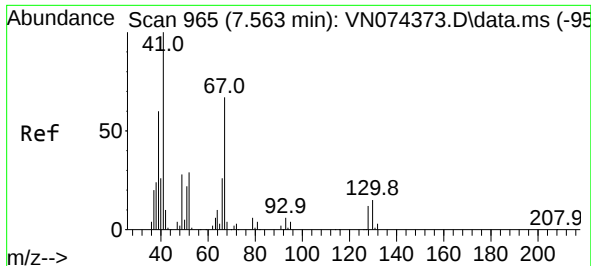
Delta R.T. 0.006 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

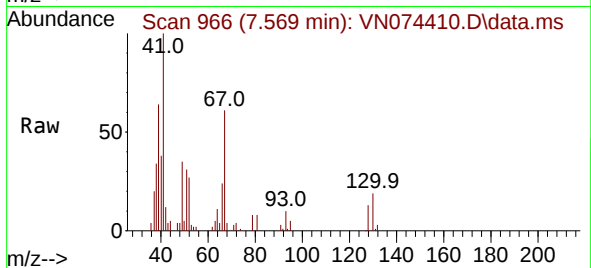
Tgt Ion:	78	Resp:	323334
Ion Ratio	Lower	Upper	
78	100		
77	24.3	20.6	31.0





#41
Methacrylonitrile
Concen: 20.751 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

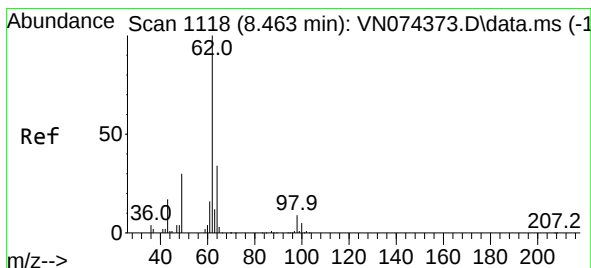
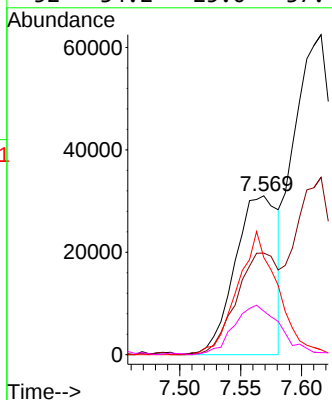
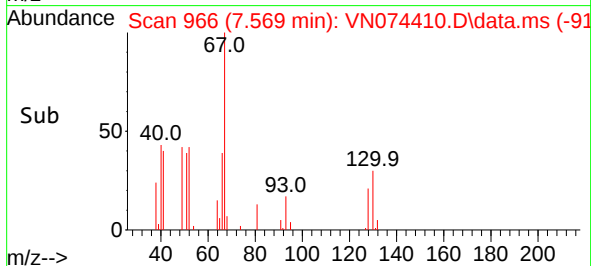
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 41 Resp: 7580
Ion Ratio Lower Upper
41 100
39 61.5 39.2 58.8
67 73.5 53.6 80.4
52 34.2 25.0 37.4

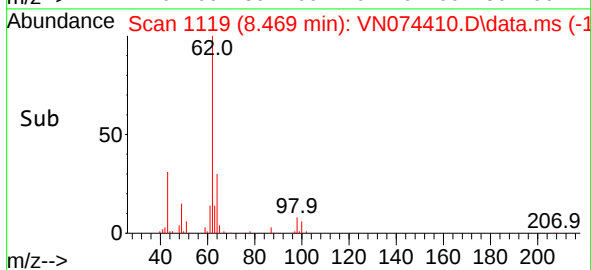
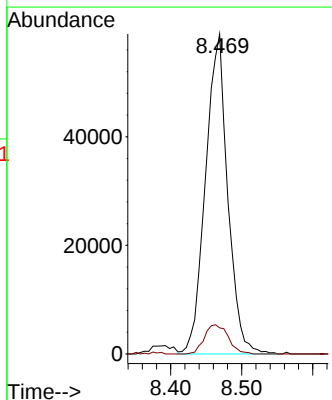
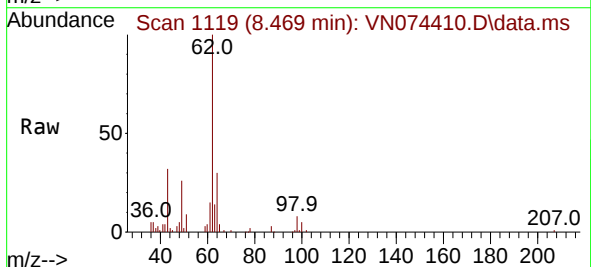
Manual Integrations
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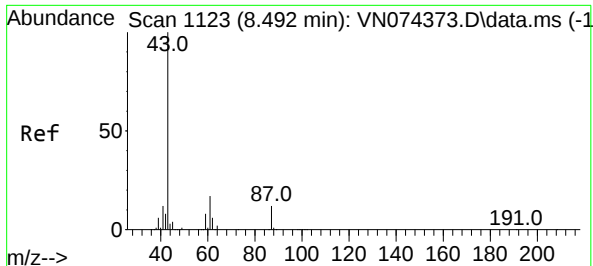
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#42
1,2-Dichloroethane
Concen: 21.595 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion: 62 Resp: 128283
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 20.940 ug/l

RT: 8.498 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

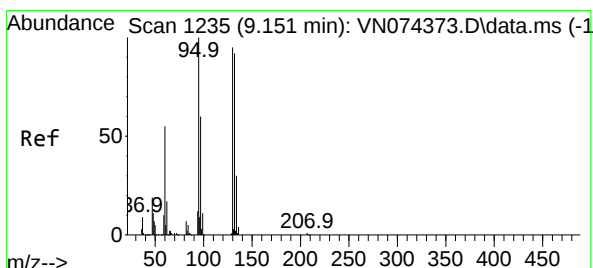
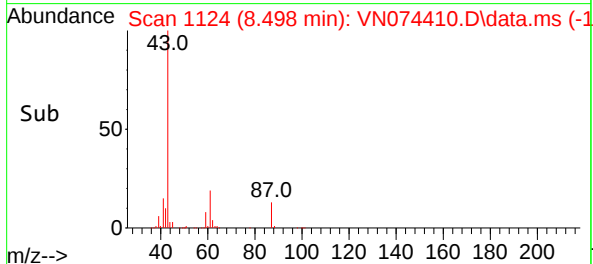
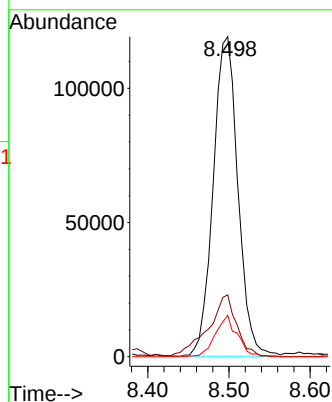
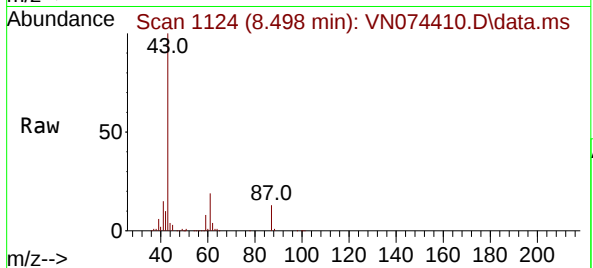
Tgt Ion: 43	Resp: 252100
Ion Ratio	Lower Upper
43 100	
61 22.5	18.6 27.8
87 11.4	9.4 14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#44

Trichloroethene

Concen: 20.832 ug/l

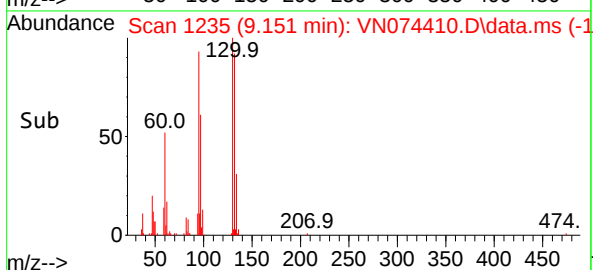
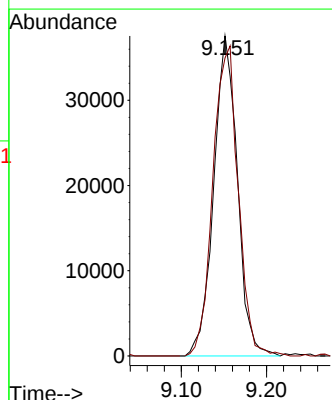
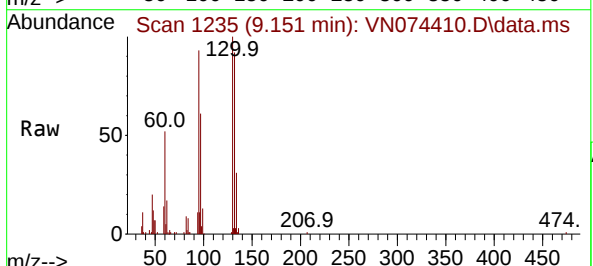
RT: 9.151 min Scan# 1235

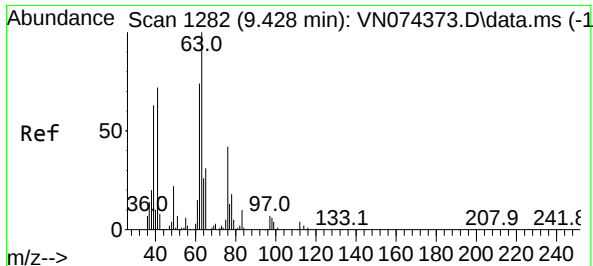
Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Tgt Ion:130	Resp: 72571
Ion Ratio	Lower Upper
130 100	
95 93.1	0.0 210.0





#45

1,2-Dichloropropane

Concen: 20.477 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 63 Resp: 8446

Ion Ratio Lower Upper

63 100

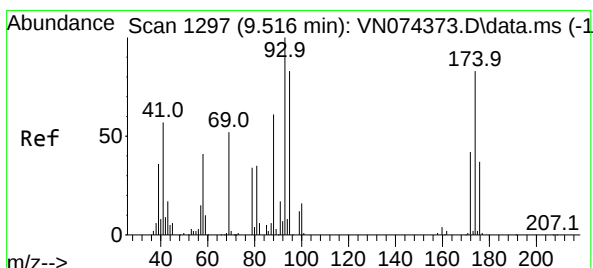
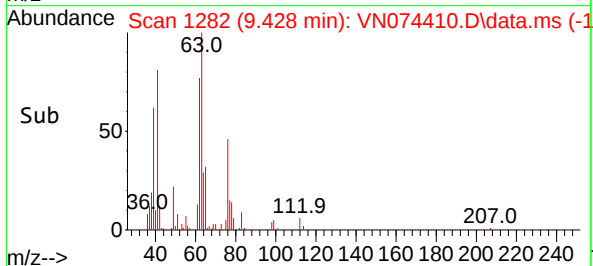
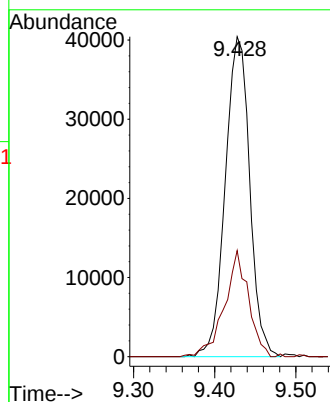
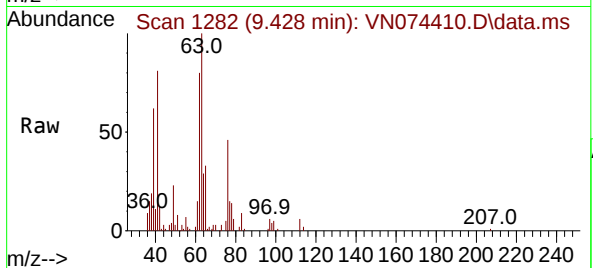
65 33.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#46

Dibromomethane

Concen: 21.792 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

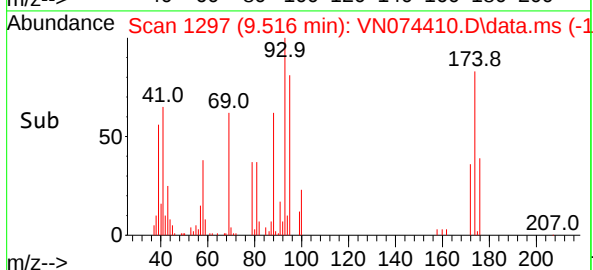
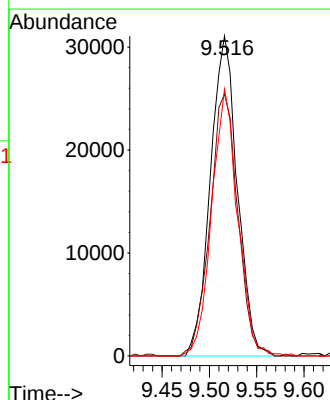
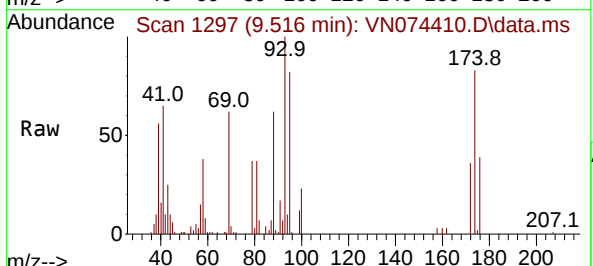
Tgt Ion: 93 Resp: 61547

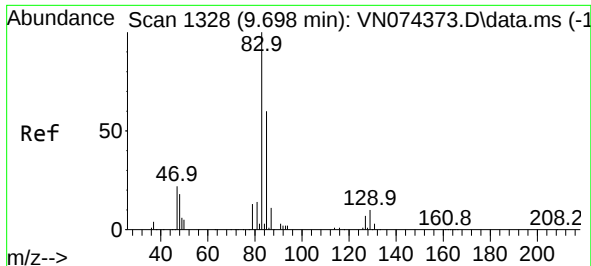
Ion Ratio Lower Upper

93 100

95 84.2 67.5 101.3

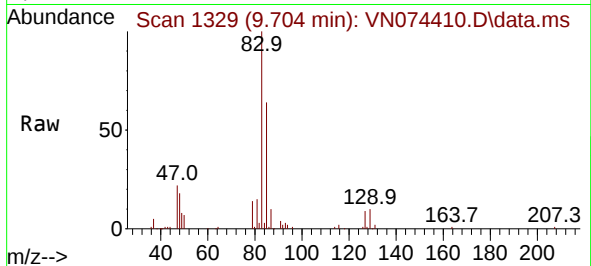
174 80.3 67.2 100.8





#47
Bromodichloromethane
Concen: 21.440 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

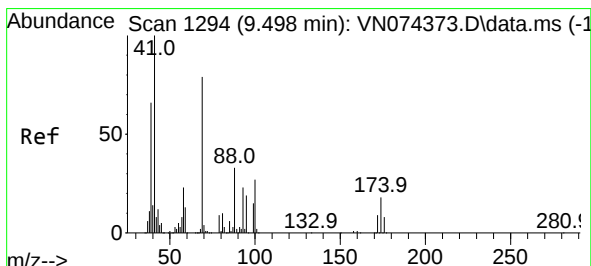
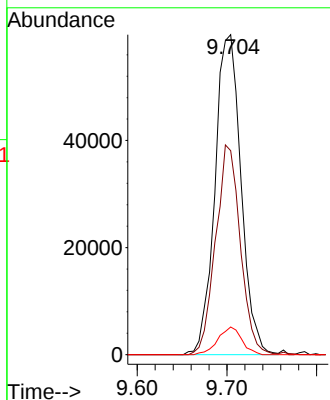
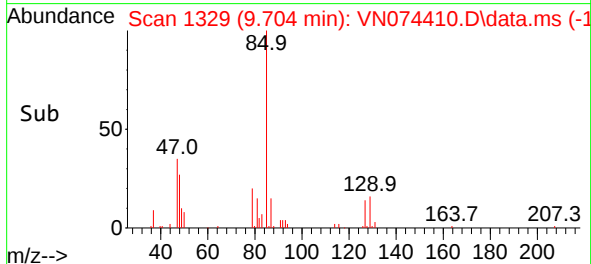
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



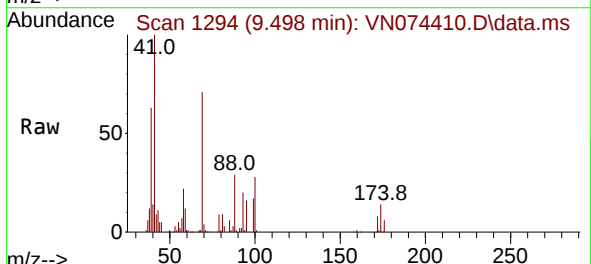
Tgt Ion: 83 Resp: 120697
Ion Ratio Lower Upper
83 100
85 63.7 47.7 71.5
127 8.6 5.4 8.2

Manual Integrations
APPROVED

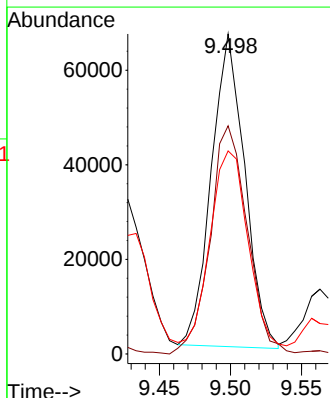
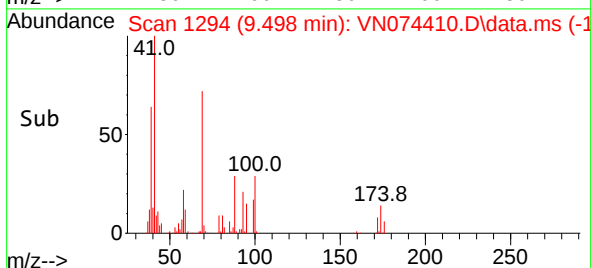
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

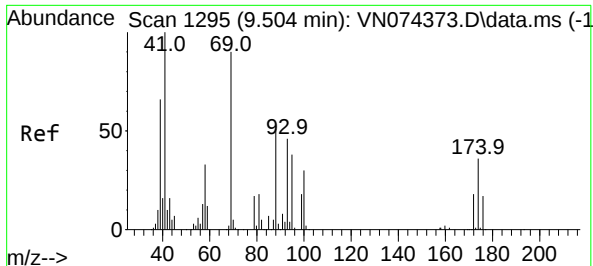


#48
Methyl methacrylate
Concen: 20.371 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



Tgt Ion: 41 Resp: 108090
Ion Ratio Lower Upper
41 100
69 81.0 67.6 101.4
39 76.0 58.2 87.4





#49

1,4-Dioxane

Concen: 434.761 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion: 88 Resp: 4861

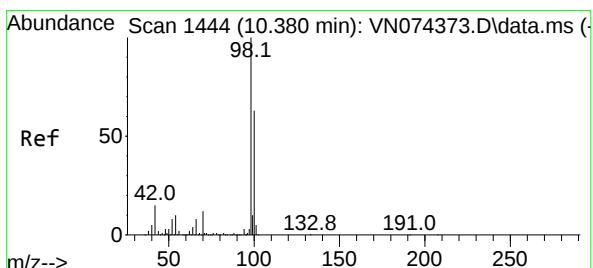
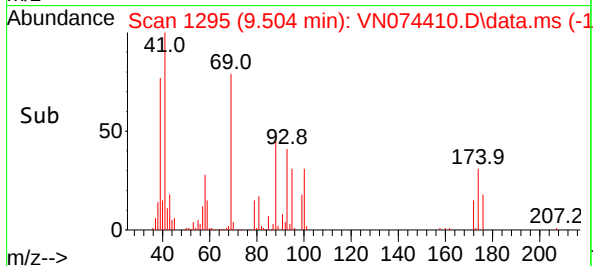
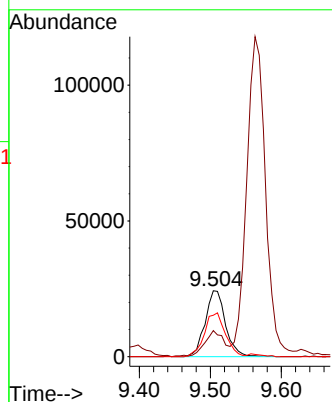
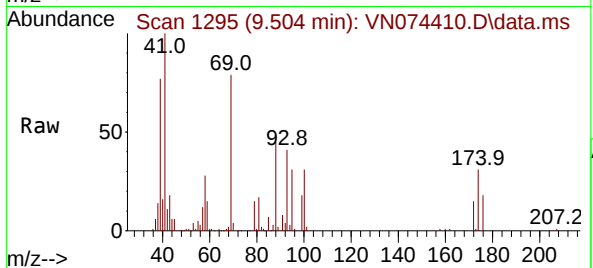
Ion	Ratio	Lower	Upper
88	100		
43	38.2	26.9	40.3
58	67.9	52.7	79.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#50

Toluene-d8

Concen: 52.146 ug/l

RT: 10.381 min Scan# 1444

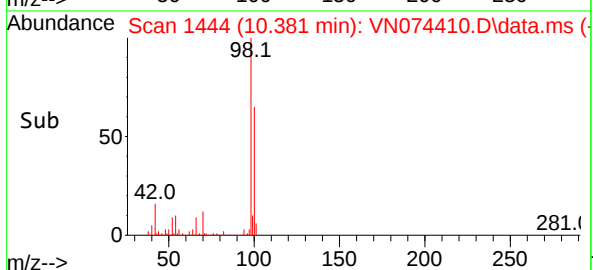
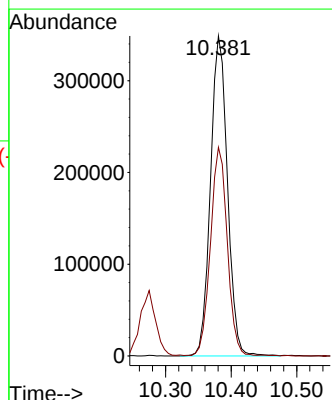
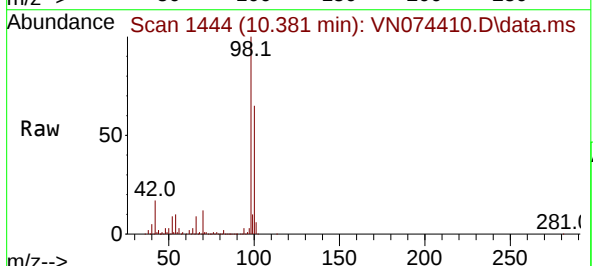
Delta R.T. 0.000 min

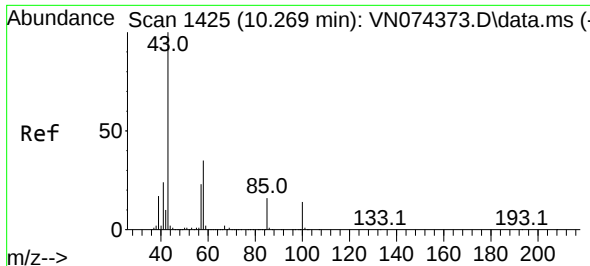
Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Tgt Ion: 98 Resp: 625921

Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.6	76.0





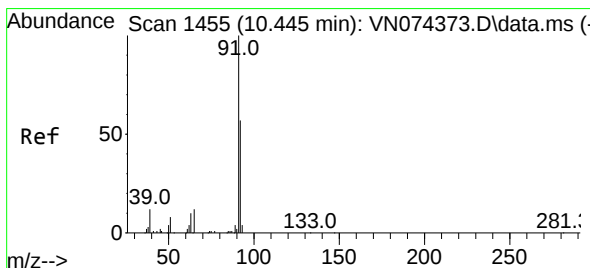
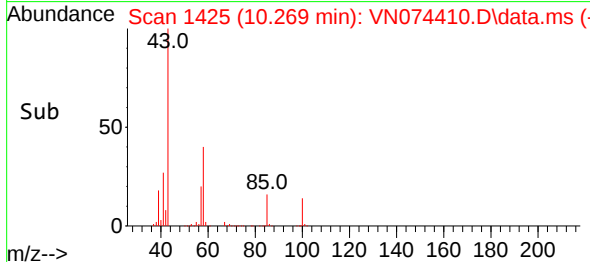
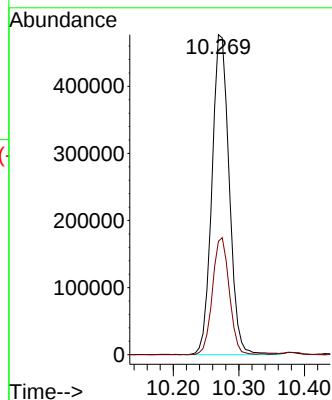
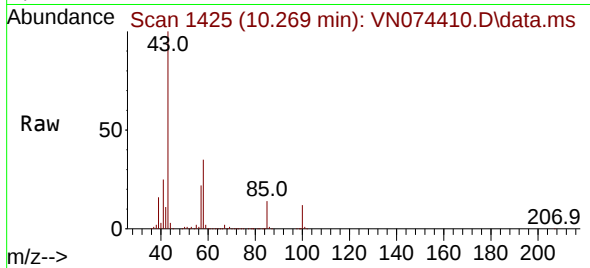
#51
4-Methyl-2-Pentanone
Concen: 110.817 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 43 Resp: 872514
Ion Ratio Lower Upper
43 100
58 35.5 29.0 43.6

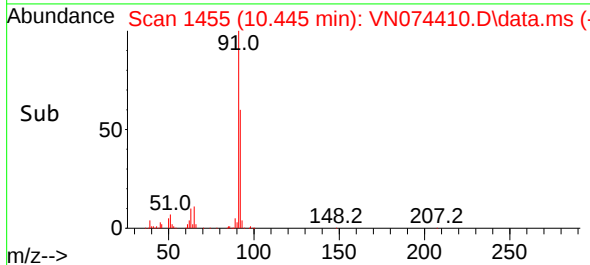
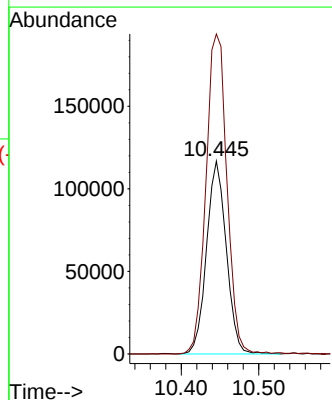
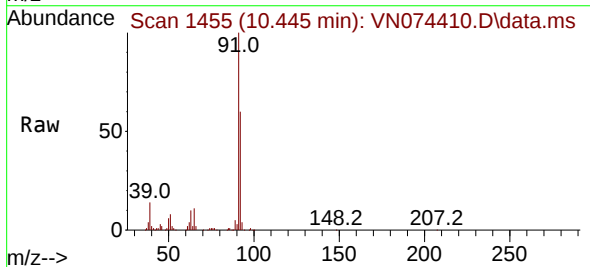
Manual Integrations
APPROVED

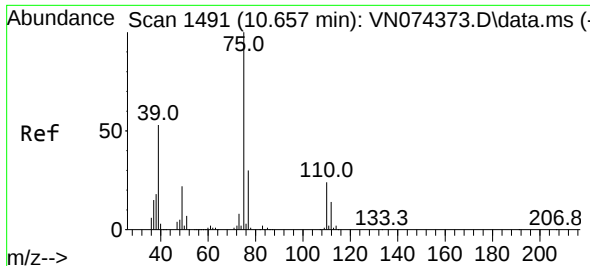
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#52
Toluene
Concen: 21.542 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

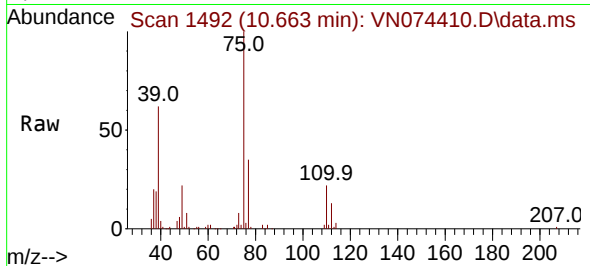
Tgt Ion: 92 Resp: 207008
Ion Ratio Lower Upper
92 100
91 175.9 139.8 209.6





#53
t-1,3-Dichloropropene
Concen: 20.277 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

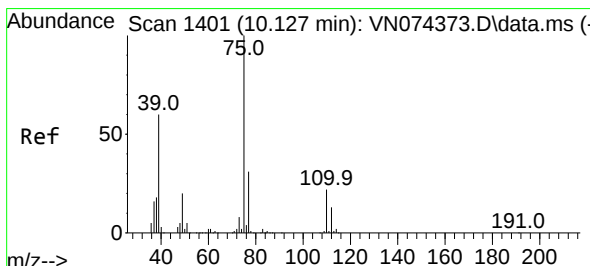
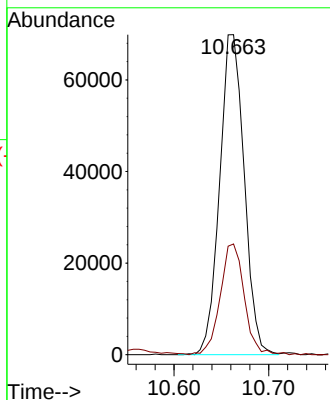
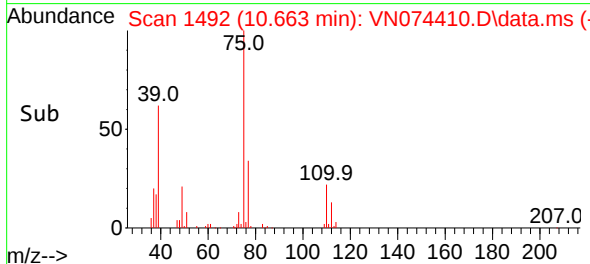
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



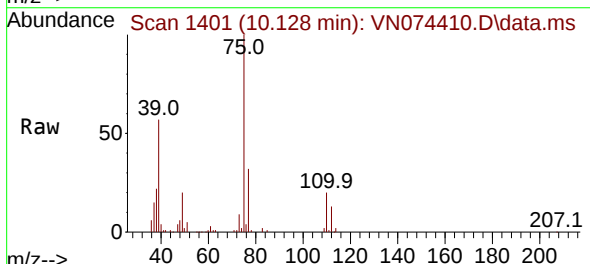
Tgt Ion: 75 Resp: 125924
Ion Ratio Lower Upper
75 100
77 34.3 23.9 35.9

Manual Integrations
APPROVED

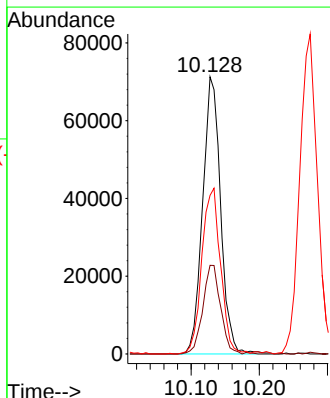
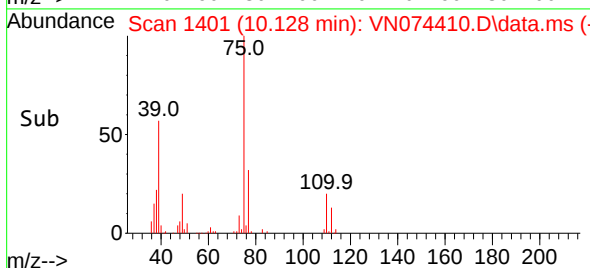
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

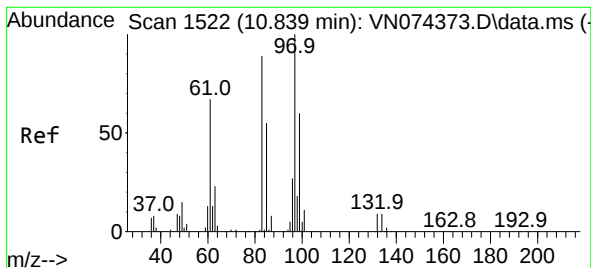


#54
cis-1,3-Dichloropropene
Concen: 19.764 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



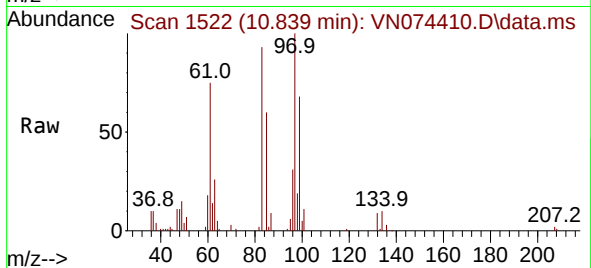
Tgt Ion: 75 Resp: 130848
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7
39 57.2 48.0 72.0





#55
1,1,2-Trichloroethane
Concen: 20.133 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

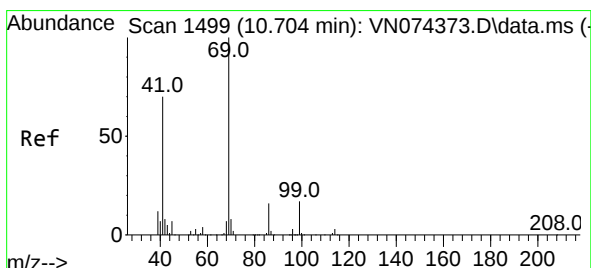
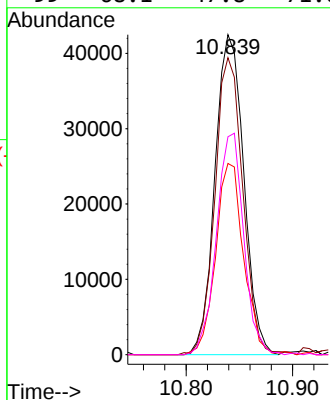
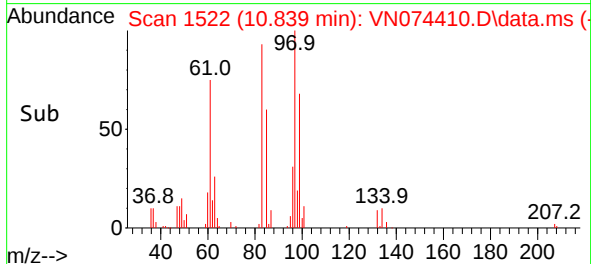
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



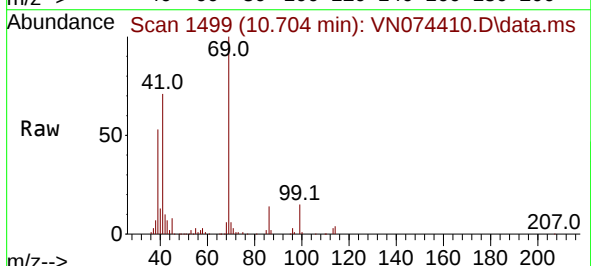
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.8	70.8	106.2
85	59.8	44.1	66.1
99	68.1	47.8	71.6

Manual Integrations
APPROVED

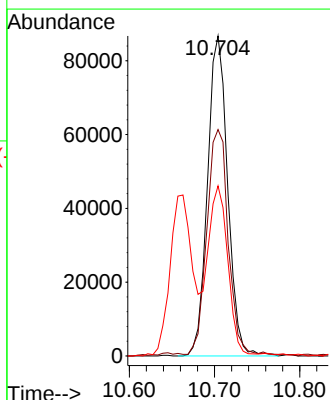
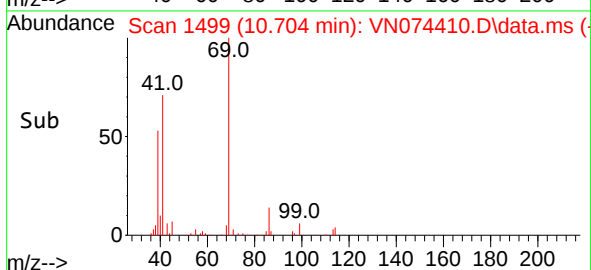
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

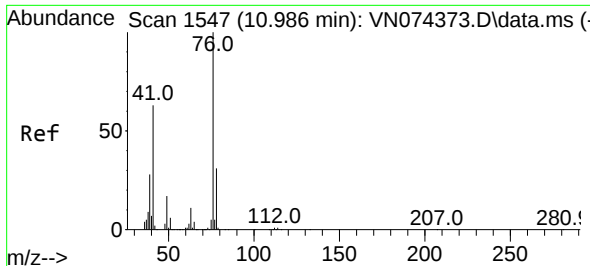


#56
Ethyl methacrylate
Concen: 21.185 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.2	56.6	85.0
39	52.7	37.4	56.2





#57

1,3-Dichloropropane

Concen: 21.179 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN074410.D

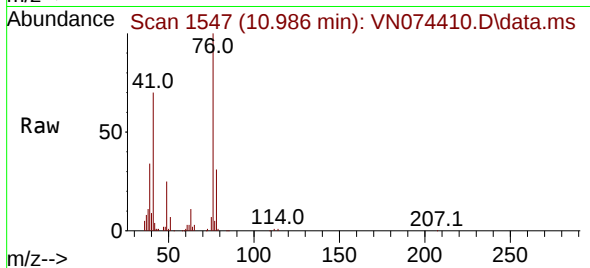
Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01



Tgt Ion: 76 Resp: 146634

Ion Ratio Lower Upper

76 100

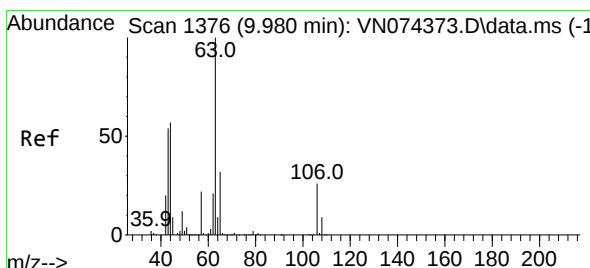
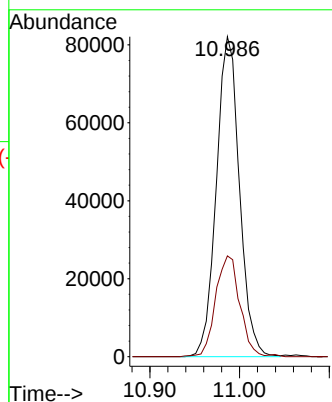
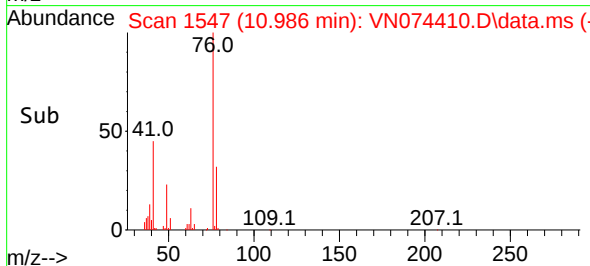
78 33.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 92.760 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN074410.D

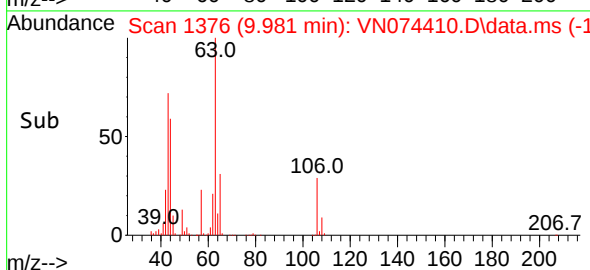
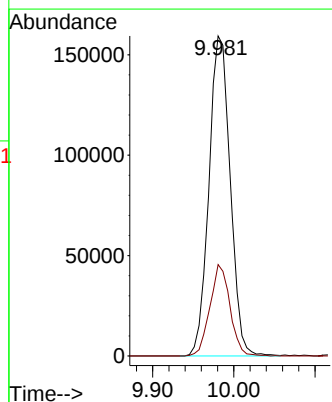
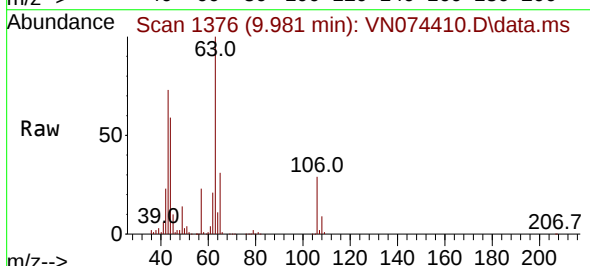
Acq: 12 Sep 2022 13:36

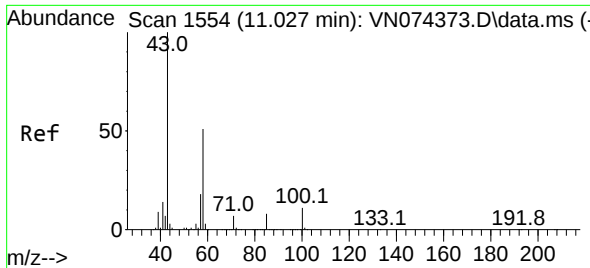
Tgt Ion: 63 Resp: 290415

Ion Ratio Lower Upper

63 100

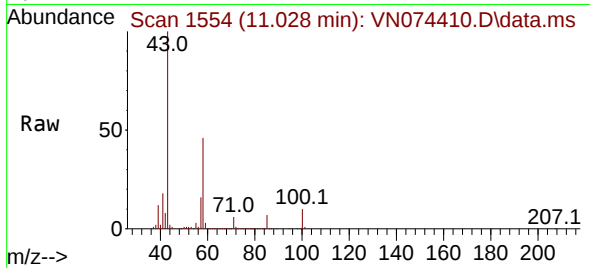
106 26.9 21.1 31.7





#59
2-Hexanone
Concen: 115.010 ug/l
RT: 11.028 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

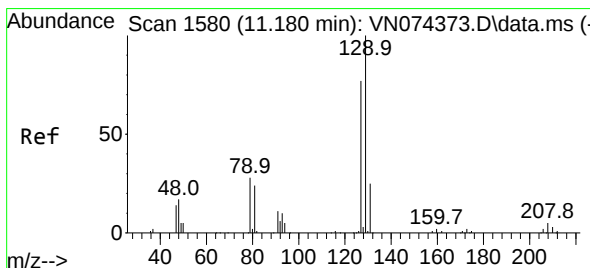
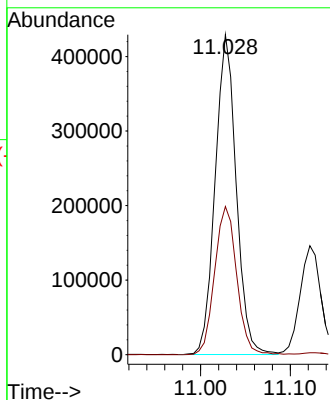
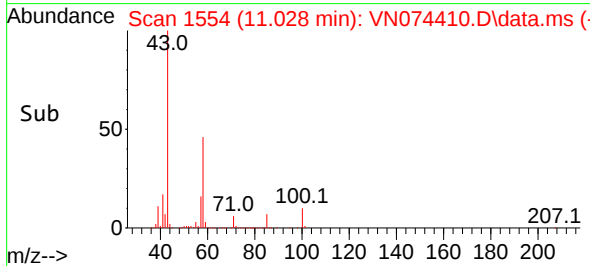
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



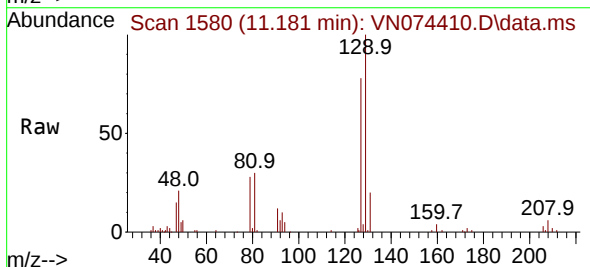
Tgt Ion: 43 Resp: 698794
Ion Ratio Lower Upper
43 100
58 48.6 25.8 77.3

Manual Integrations
APPROVED

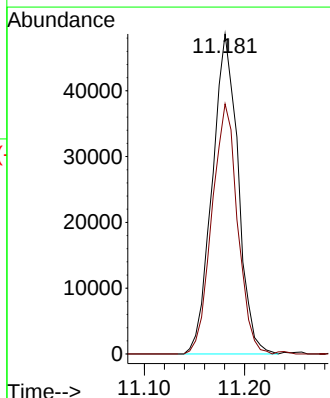
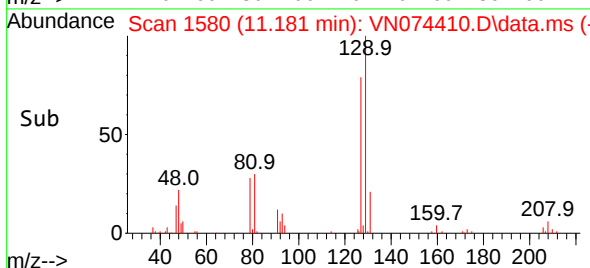
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

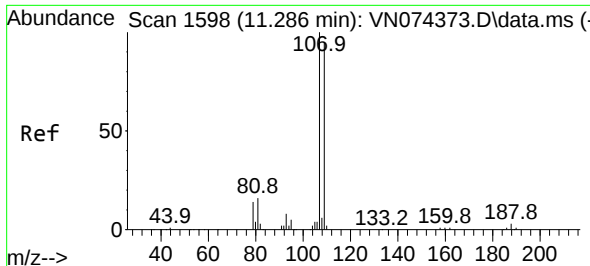


#60
Dibromochloromethane
Concen: 21.720 ug/l
RT: 11.181 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



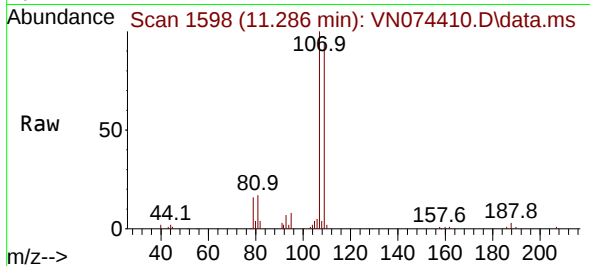
Tgt Ion:129 Resp: 87105
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.3





#61
1,2-Dibromoethane
Concen: 20.564 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

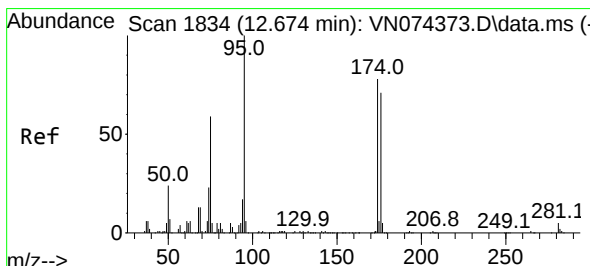
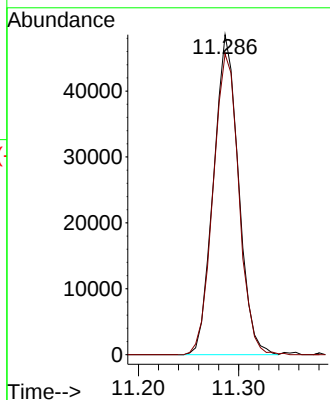
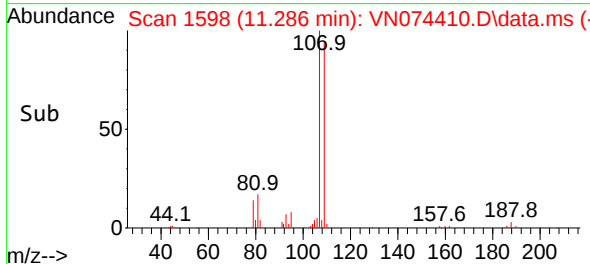
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion:107 Resp: 83800
Ion Ratio Lower Upper
107 100
109 97.0 75.0 112.4

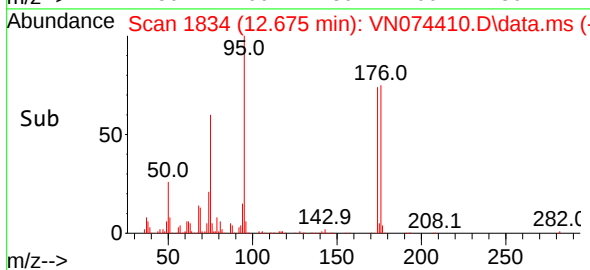
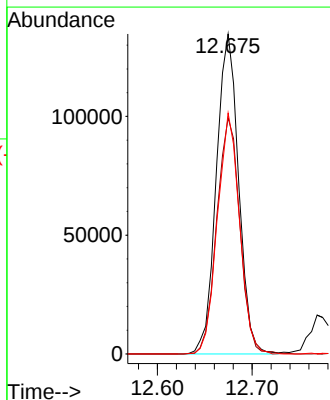
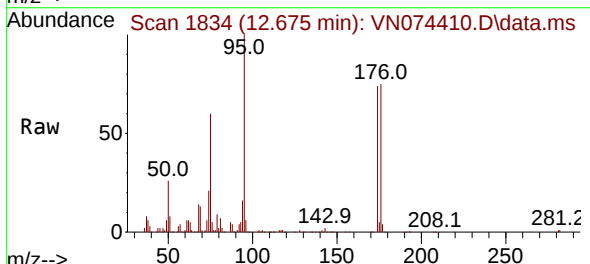
Manual Integrations
APPROVED

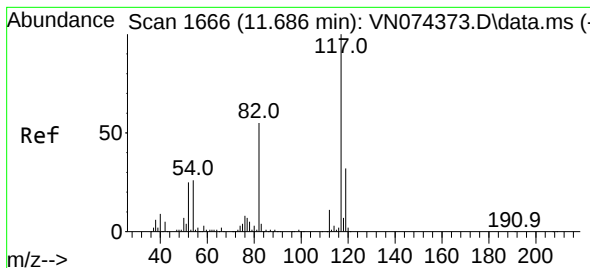
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#62
4-Bromofluorobenzene
Concen: 50.598 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion: 95 Resp: 220504
Ion Ratio Lower Upper
95 100
174 76.2 0.0 150.6
176 74.8 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

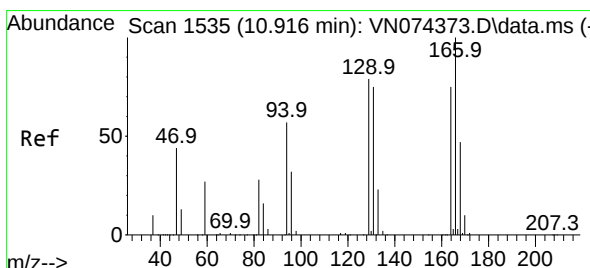
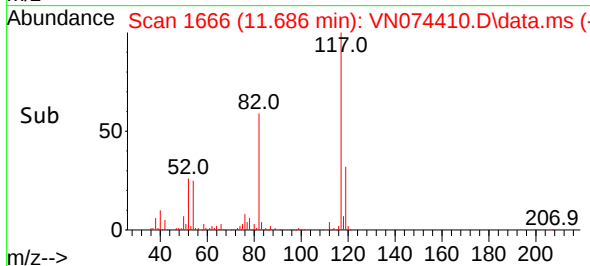
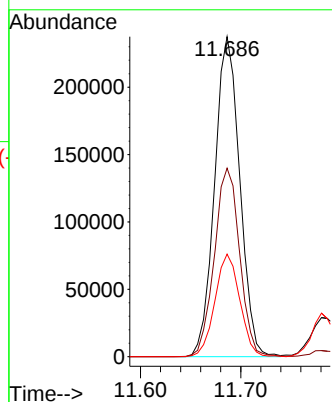
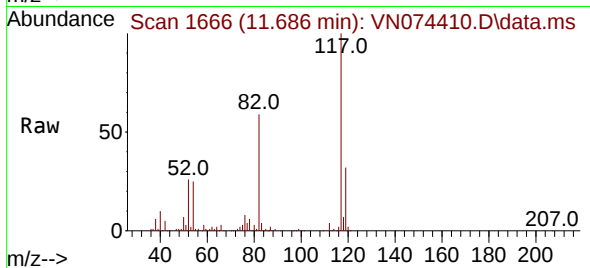
Tgt Ion:	117	Resp:	41415
Ion Ratio	Lower	Upper	
117	100		
82	58.8	44.3	66.5
119	32.0	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#64

Tetrachloroethene

Concen: 20.510 ug/l

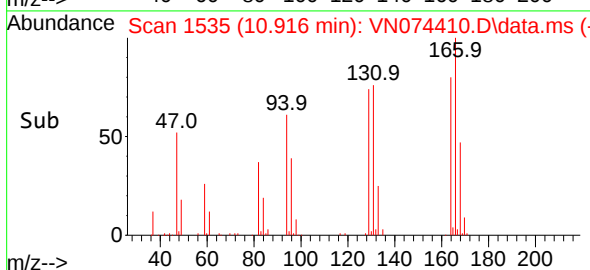
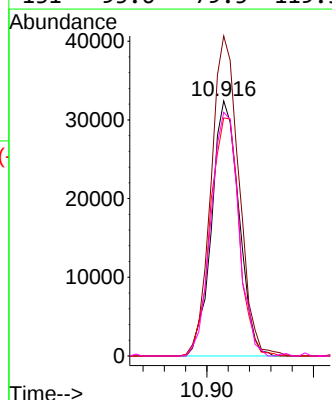
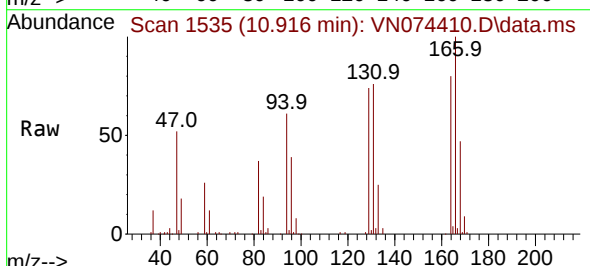
RT: 10.916 min Scan# 1535

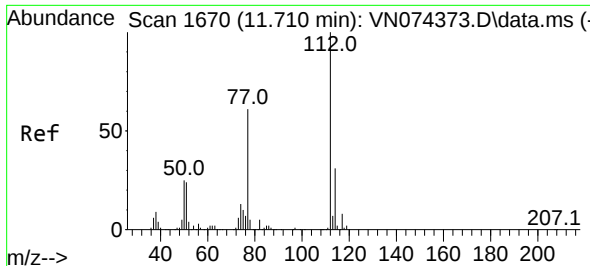
Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

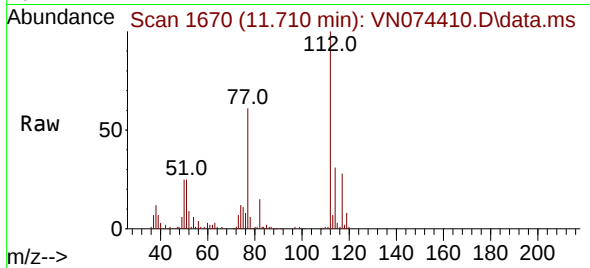
Tgt Ion:	164	Resp:	57584
Ion Ratio	Lower	Upper	
164	100		
166	125.5	106.6	160.0
129	93.4	84.0	126.0
131	95.6	79.5	119.3





#65
Chlorobenzene
Concen: 20.903 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

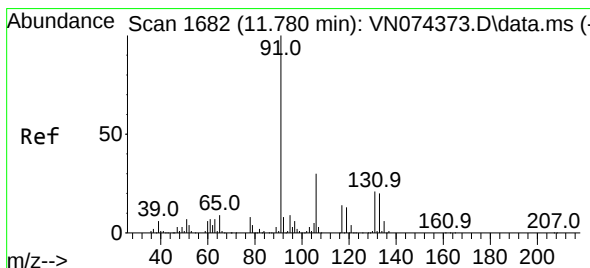
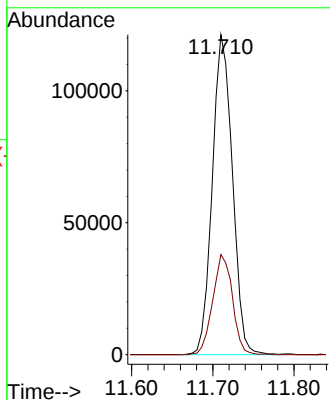
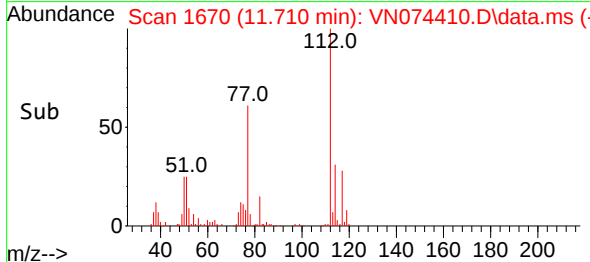
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



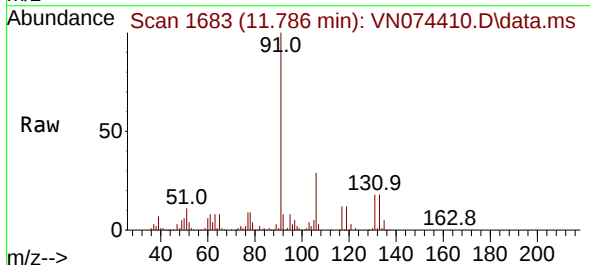
Tgt Ion:112 Resp: 20874
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

Manual Integrations
APPROVED

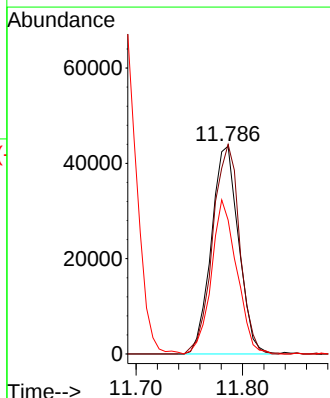
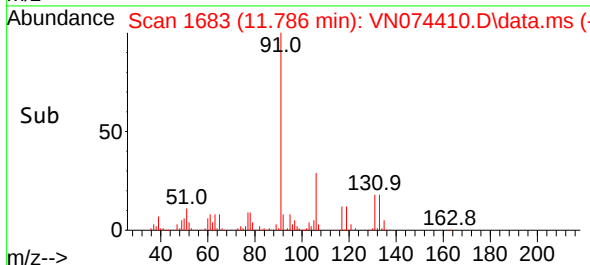
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

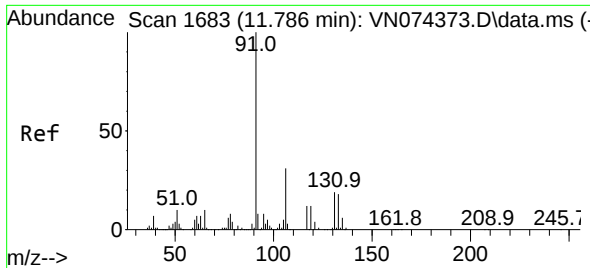


#66
1,1,1,2-Tetrachloroethane
Concen: 19.859 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



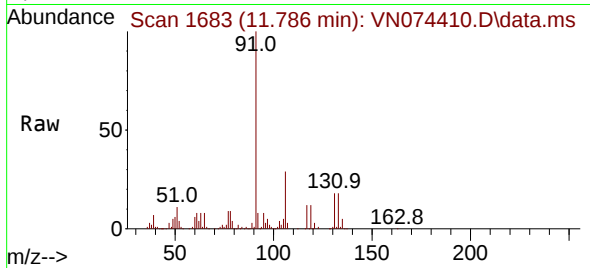
Tgt Ion:131 Resp: 77467
Ion Ratio Lower Upper
131 100
133 99.4 47.3 141.8
119 68.8 33.0 98.9





#67
Ethyl Benzene
Concen: 21.022 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

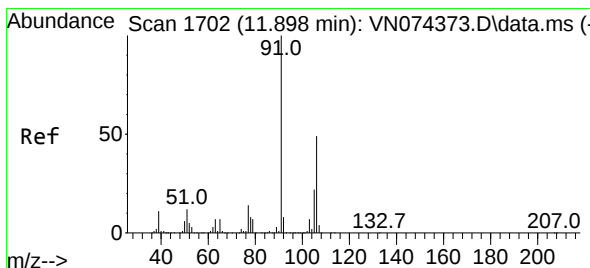
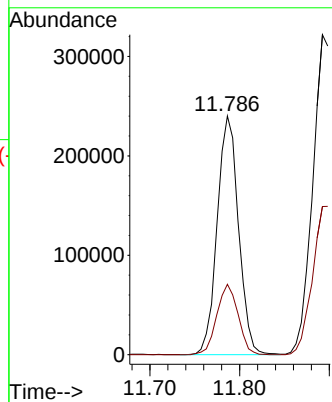
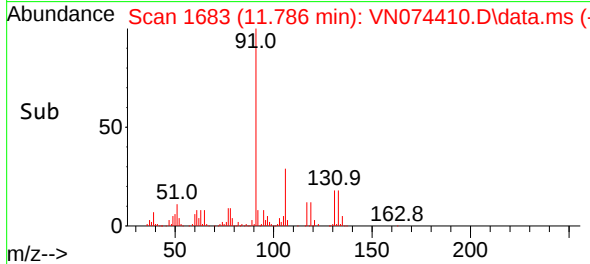
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



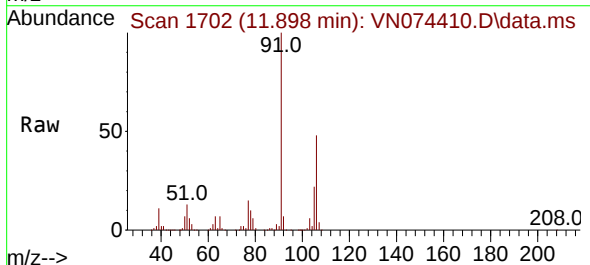
Tgt Ion: 91 Resp: 396528
Ion Ratio Lower Upper
91 100
106 29.5 24.5 36.7

Manual Integrations
APPROVED

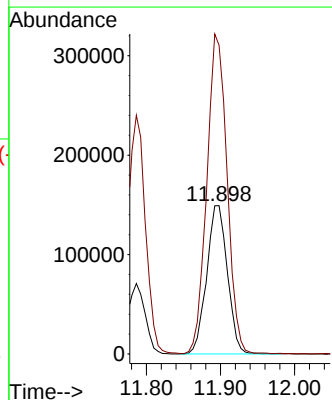
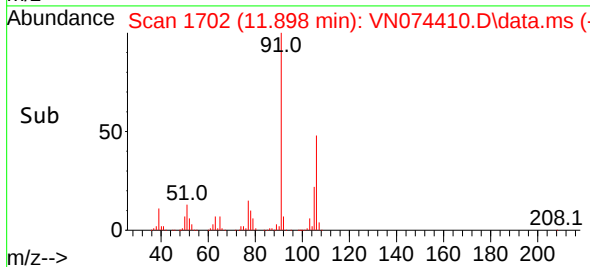
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

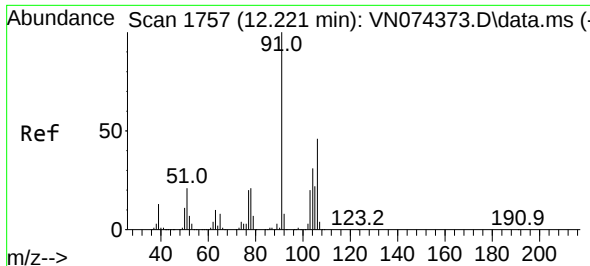


#68
m/p-Xylenes
Concen: 40.899 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



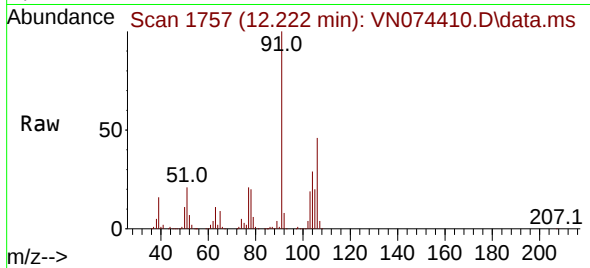
Tgt Ion:106 Resp: 290010
Ion Ratio Lower Upper
106 100
91 209.9 167.7 251.5





#69
o-Xylene
Concen: 21.296 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

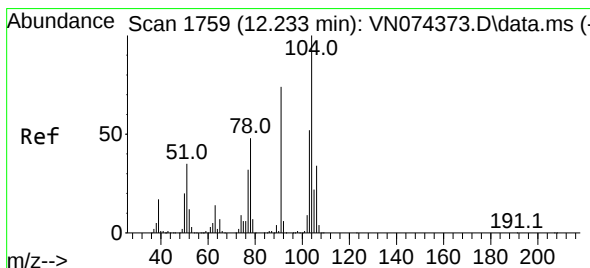
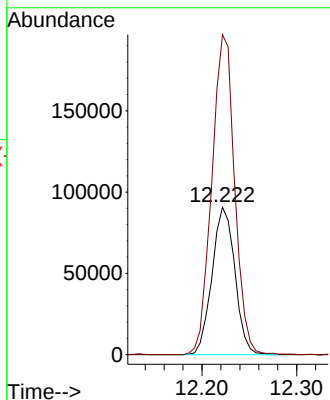
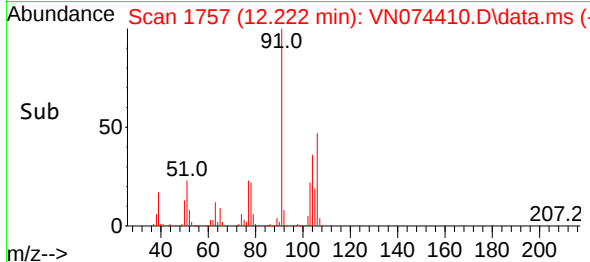
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion:106 Resp: 151794
Ion Ratio Lower Upper
106 100
91 217.6 109.4 328.2

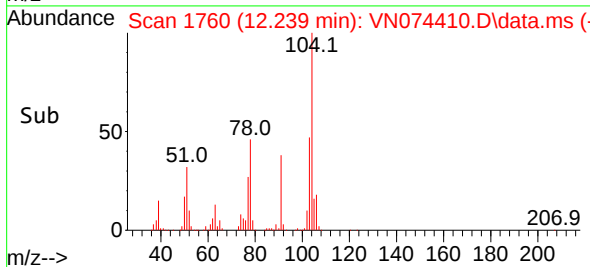
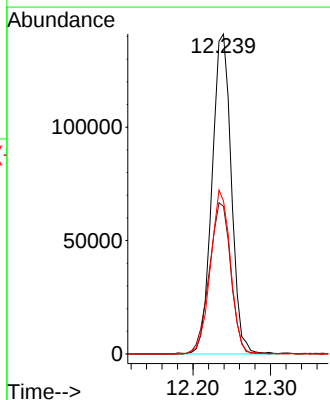
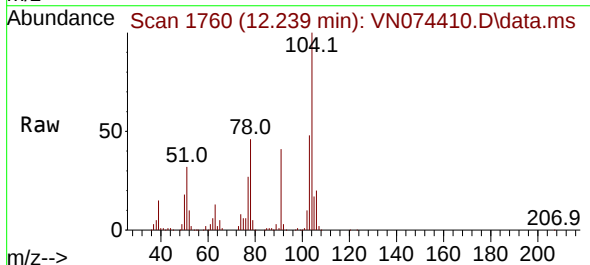
Manual Integrations
APPROVED

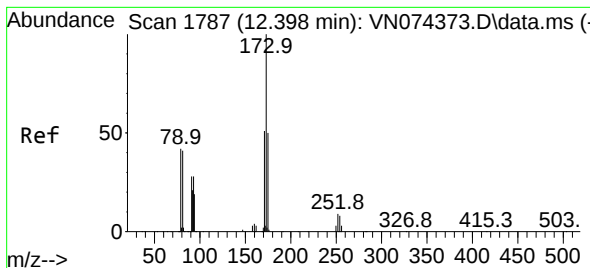
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#70
Styrene
Concen: 21.507 ug/l
RT: 12.239 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion:104 Resp: 243721
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.6
103 53.0 43.4 65.2





#71

Bromoform

Concen: 21.407 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

Tgt Ion:173 Resp: 62548

Ion Ratio Lower Upper

173 100

175 47.2 24.1 72.3

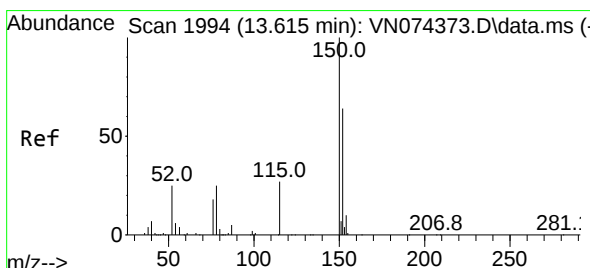
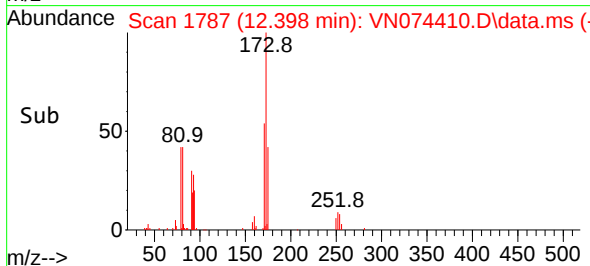
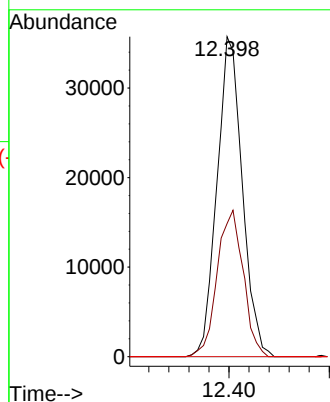
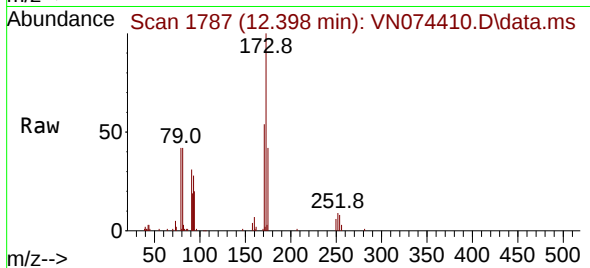
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

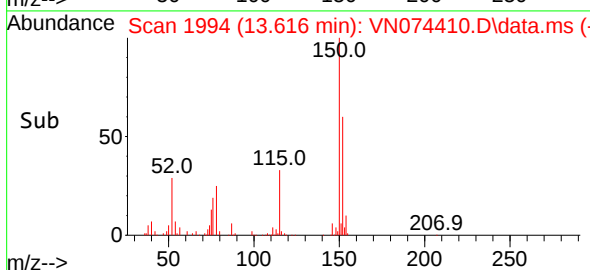
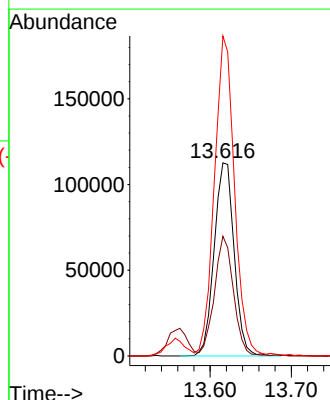
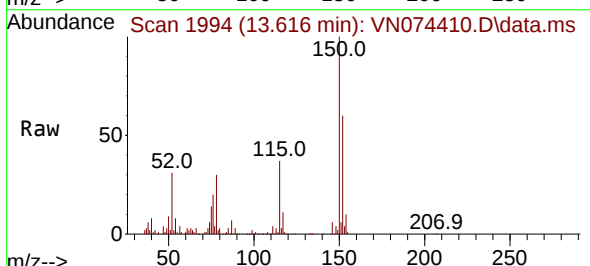
Tgt Ion:152 Resp: 192782

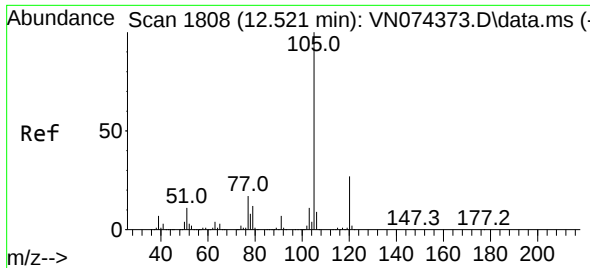
Ion Ratio Lower Upper

152 100

115 58.4 32.0 96.0

150 166.0 0.0 359.6





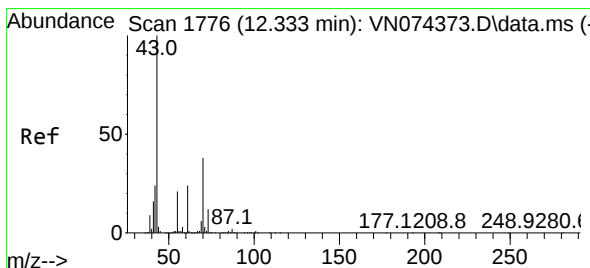
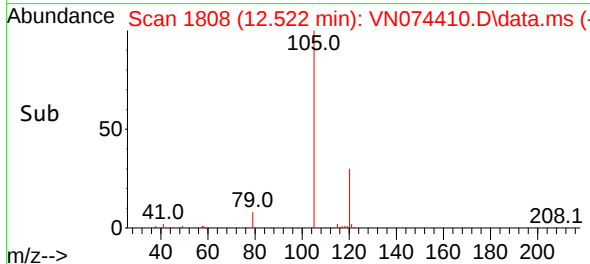
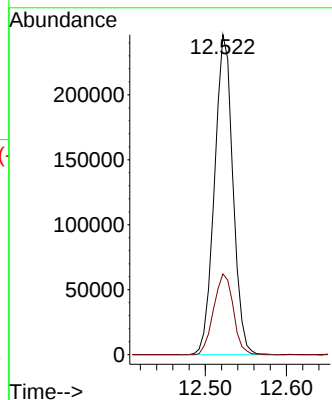
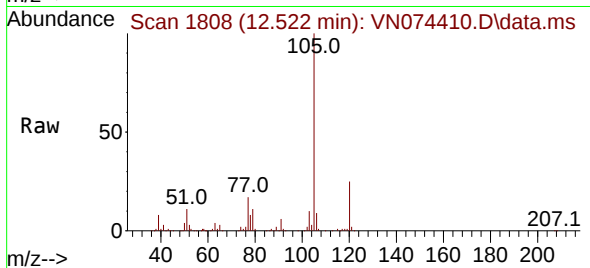
#73
Isopropylbenzene
Concen: 20.964 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:105 Resp: 388288
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

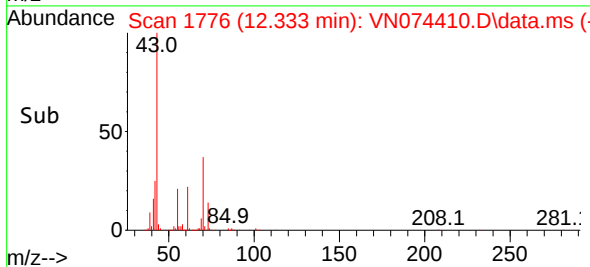
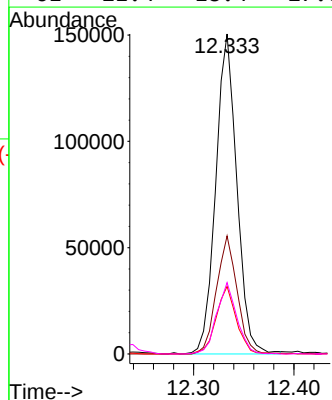
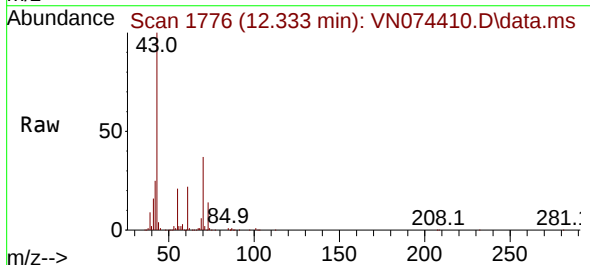
Manual Integrations
APPROVED

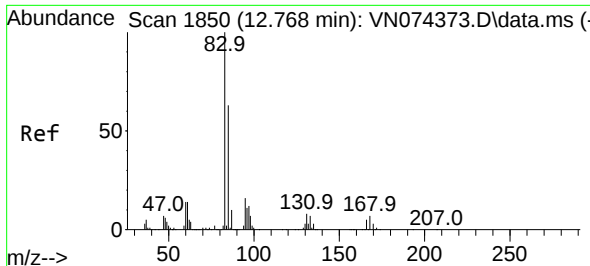
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#74
N-ethyl acetate
Concen: 22.534 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

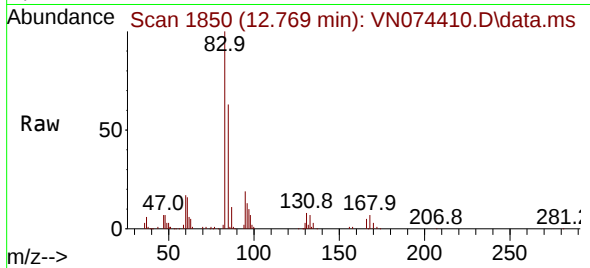
Tgt Ion: 43 Resp: 220104
Ion Ratio Lower Upper
43 100
70 36.0 31.4 47.0
55 20.3 17.0 25.6
61 21.4 18.4 27.6





#75
1,1,2,2-Tetrachloroethane
Concen: 21.759 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

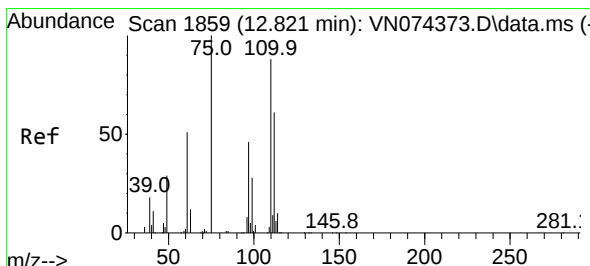
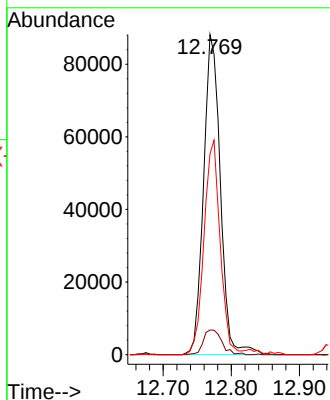
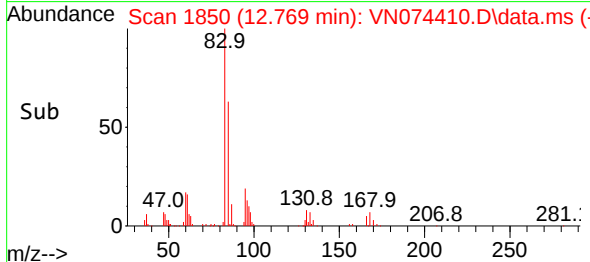
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



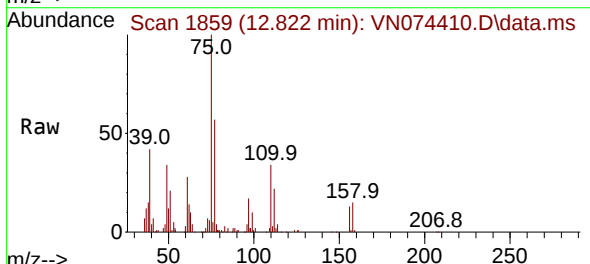
Tgt Ion: 83 Resp: 151458
Ion Ratio Lower Upper
83 100
131 8.5 4.5 13.7
85 64.3 32.3 96.8

Manual Integrations
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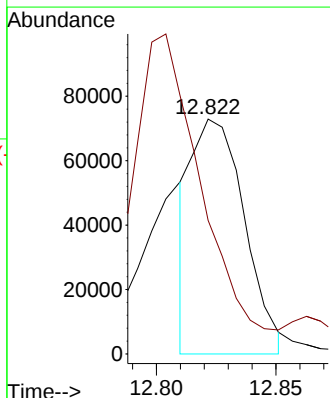
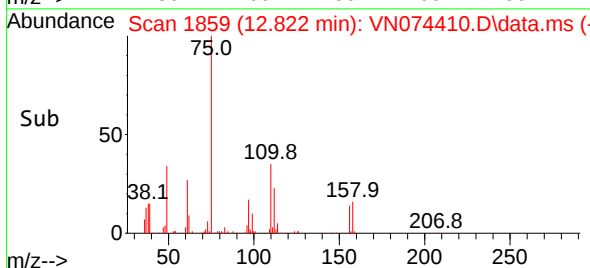
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

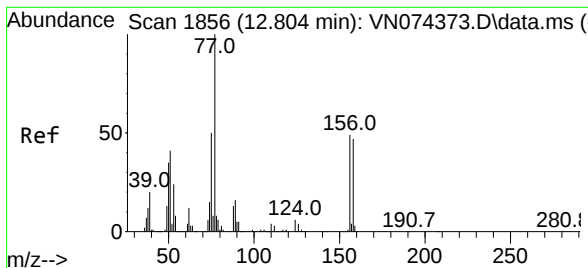


#76
1,2,3-Trichloropropane
Concen: 22.202 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



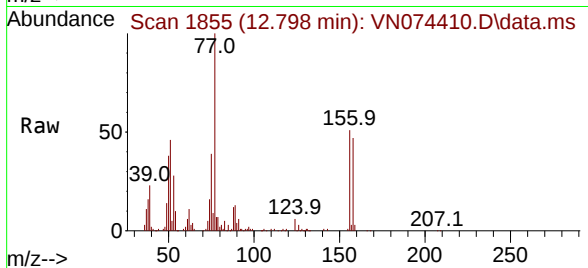
Tgt Ion: 75 Resp: 111890
Ion Ratio Lower Upper
75 100
77 181.5 78.9 236.7





#77
Bromobenzene
Concen: 21.142 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

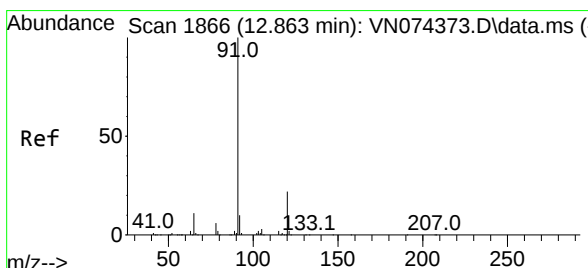
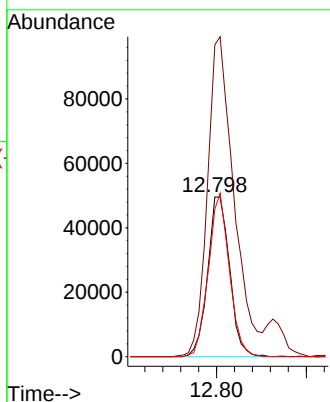
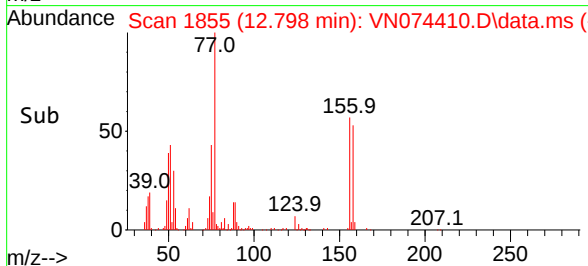
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



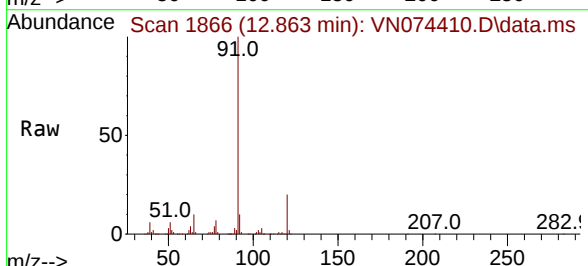
Tgt Ion:156 Resp: 84064
Ion Ratio Lower Upper
156 100
77 241.5 124.4 373.1
158 97.5 49.2 147.6

Manual Integrations
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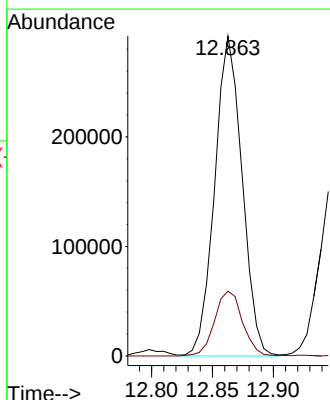
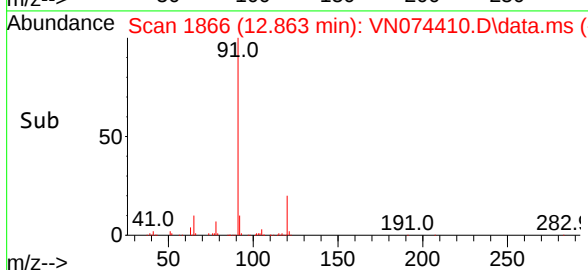
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

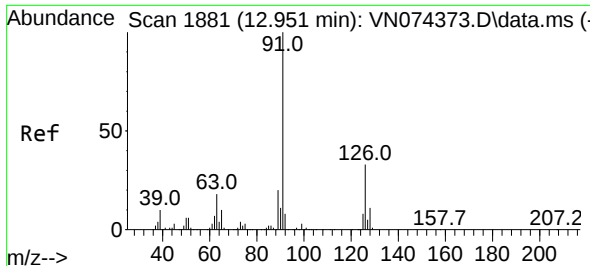


#78
n-propylbenzene
Concen: 21.537 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



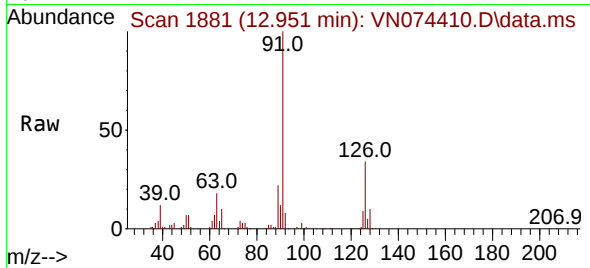
Tgt Ion: 91 Resp: 456993
Ion Ratio Lower Upper
91 100
120 20.6 11.1 33.1





#79
2-Chlorotoluene
Concen: 20.484 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

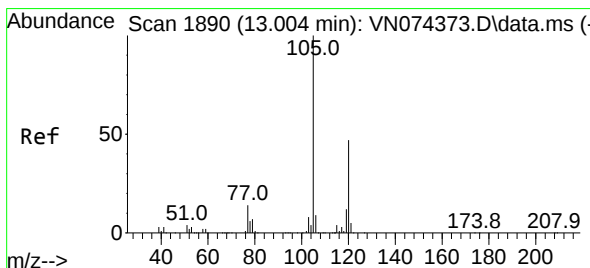
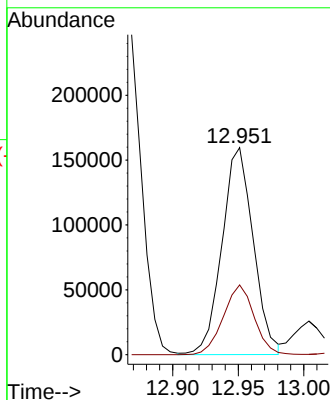
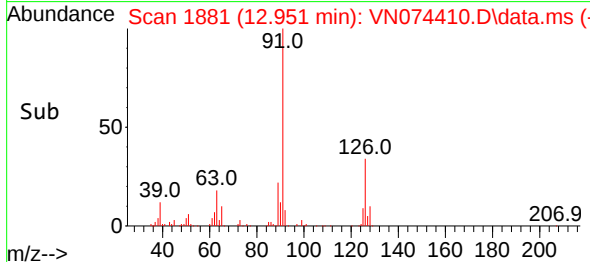
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



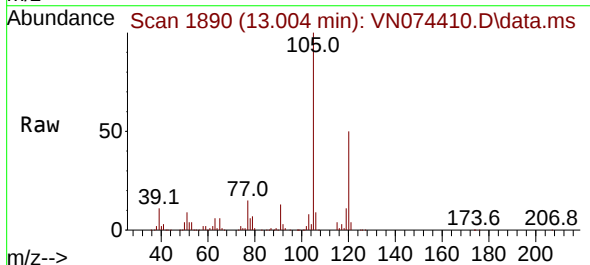
Tgt Ion: 91 Resp: 26499
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.5

Manual Integrations
APPROVED

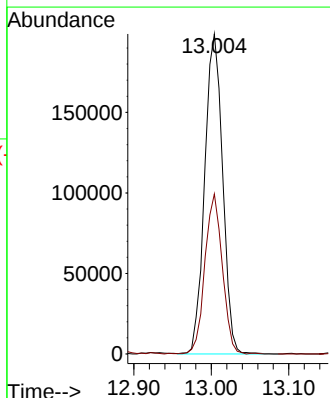
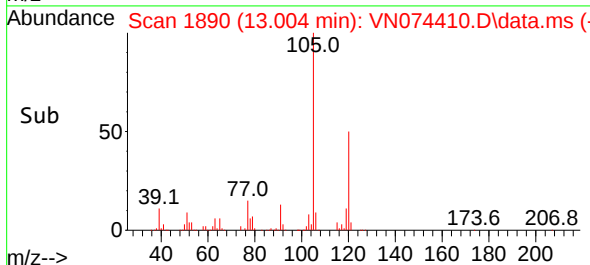
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

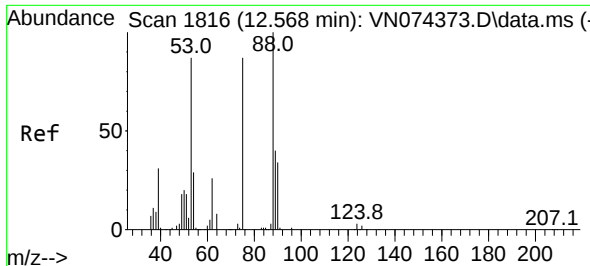


#80
1,3,5-Trimethylbenzene
Concen: 20.797 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



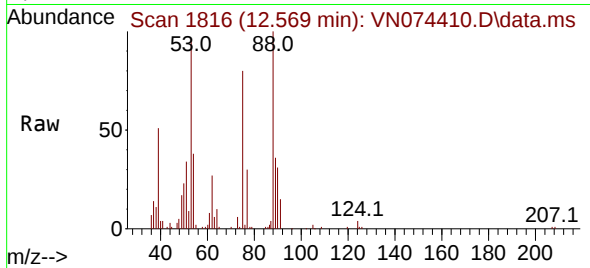
Tgt Ion:105 Resp: 319581
Ion Ratio Lower Upper
105 100
120 48.5 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 19.454 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

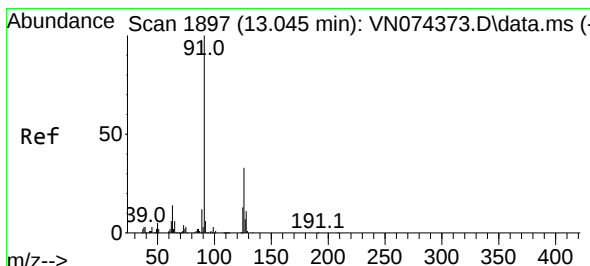
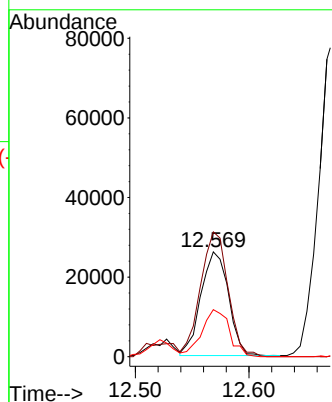
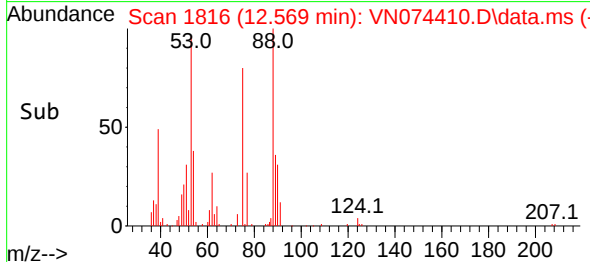
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



Tgt Ion: 75 Resp: 43980
Ion Ratio Lower Upper
75 100
53 120.5 82.2 123.2
89 45.5 37.7 56.5

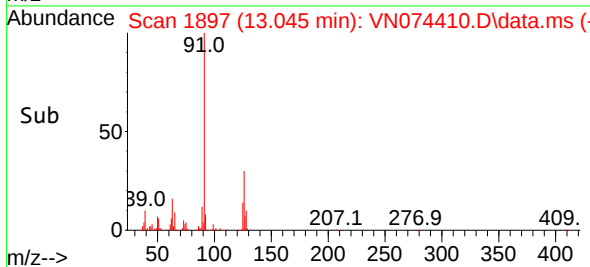
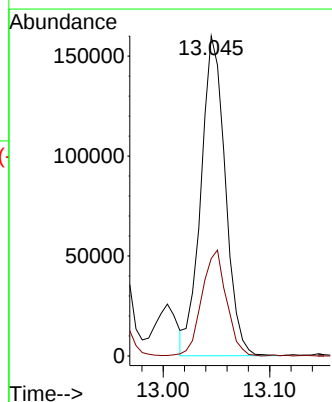
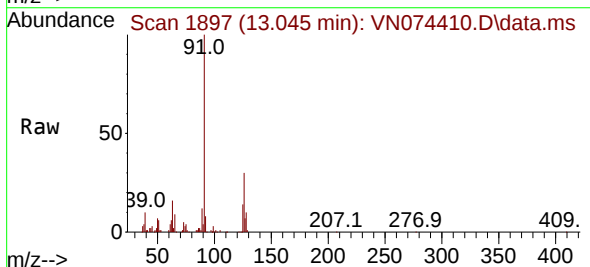
Manual Integrations
APPROVED

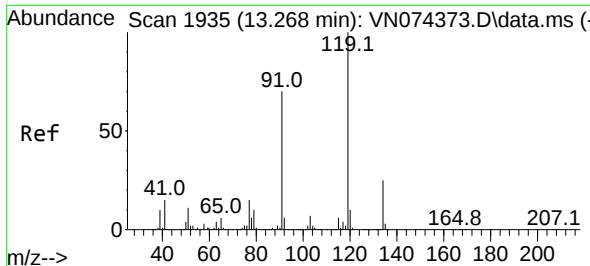
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#82
4-Chlorotoluene
Concen: 20.367 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

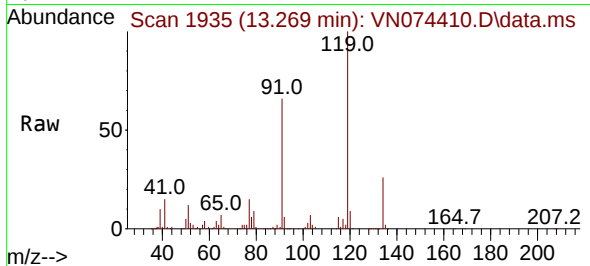
Tgt Ion: 91 Resp: 254228
Ion Ratio Lower Upper
91 100
126 33.6 16.4 49.1





#83
tert-Butylbenzene
Concen: 20.552 ug/l
RT: 13.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

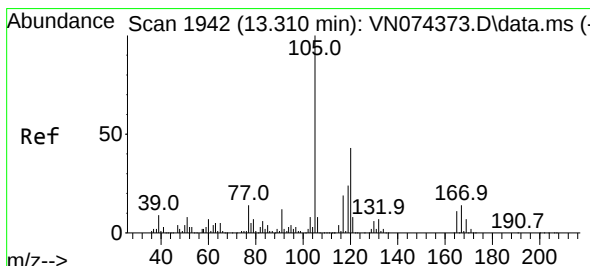
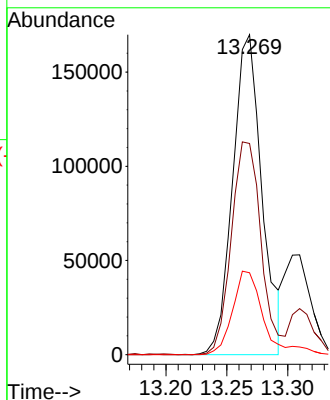
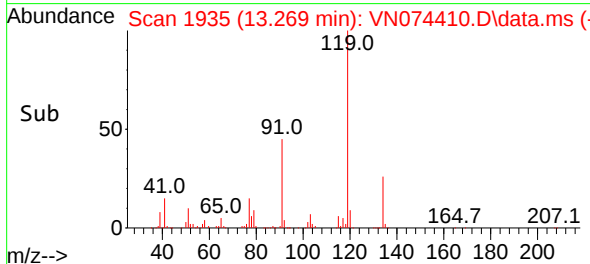
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



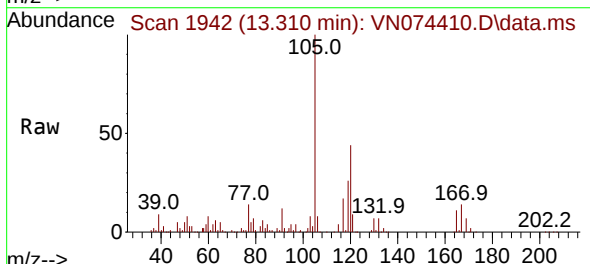
Tgt Ion:119 Resp: 284332
Ion Ratio Lower Upper
119 100
91 68.1 33.8 101.3
134 27.6 13.1 39.3

Manual Integrations
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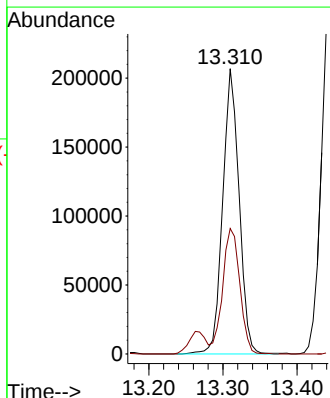
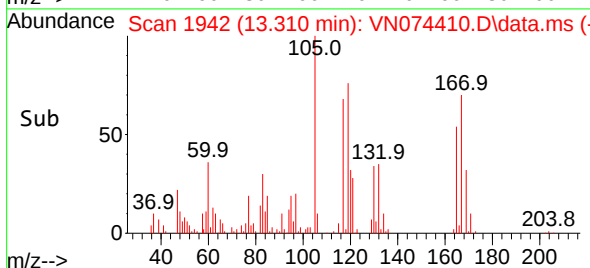
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

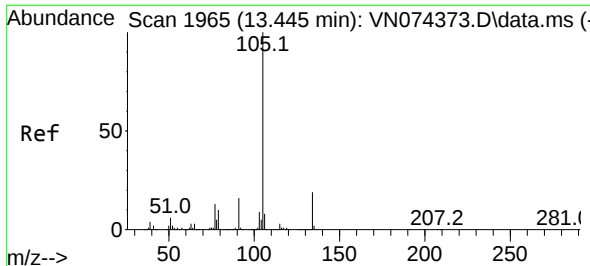


#84
1,2,4-Trimethylbenzene
Concen: 20.845 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



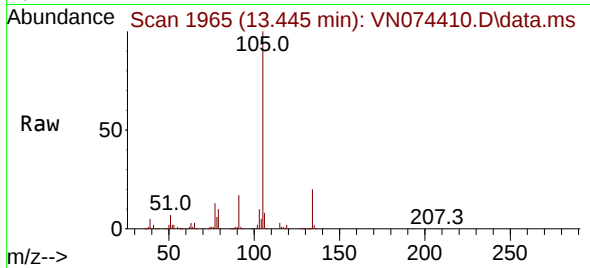
Tgt Ion:105 Resp: 317476
Ion Ratio Lower Upper
105 100
120 46.3 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 21.124 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074410.D
 Acq: 12 Sep 2022 13:36

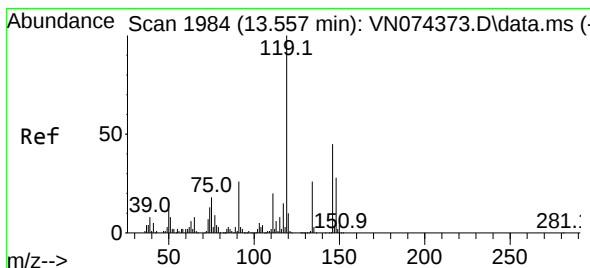
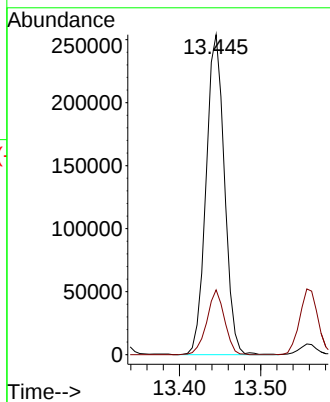
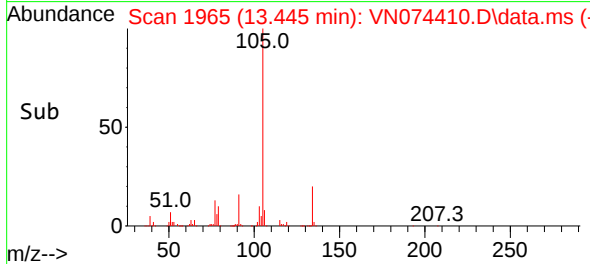
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01



Tgt Ion:105 Resp: 397699
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9

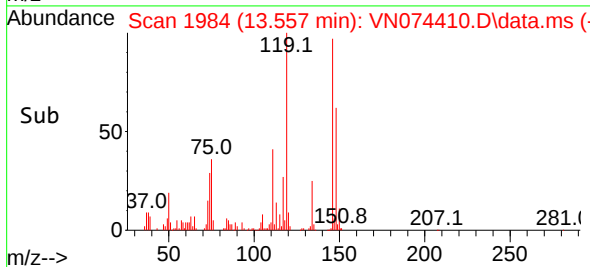
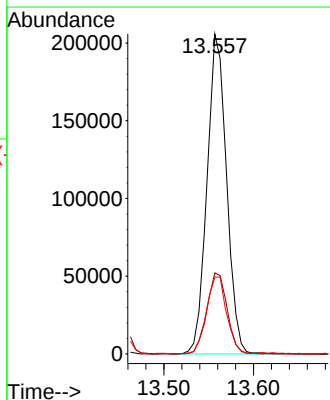
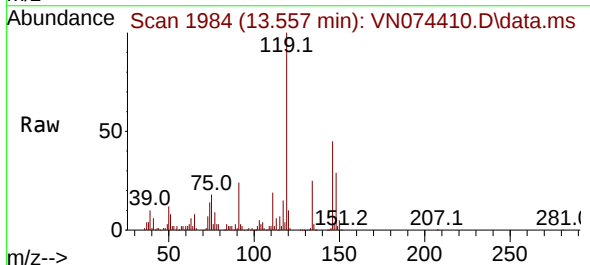
Manual Integrations
 APPROVED

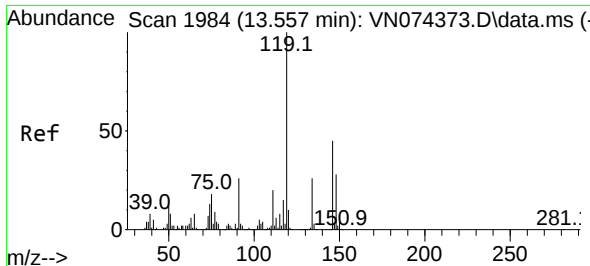
Reviewed By :John Carlone 09/14/2022
 Supervised By :Mahesh Dadoda 09/14/2022



#86
 p-Isopropyltoluene
 Concen: 20.654 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074410.D
 Acq: 12 Sep 2022 13:36

Tgt Ion:119 Resp: 311249
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 25.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 21.141 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN074410.D

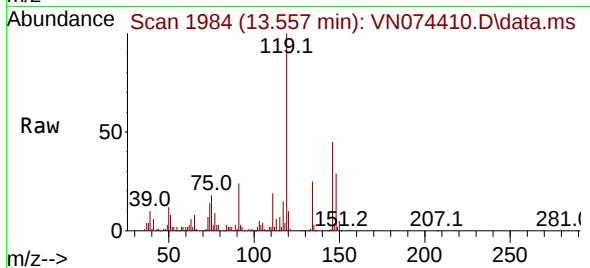
Acq: 12 Sep 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01



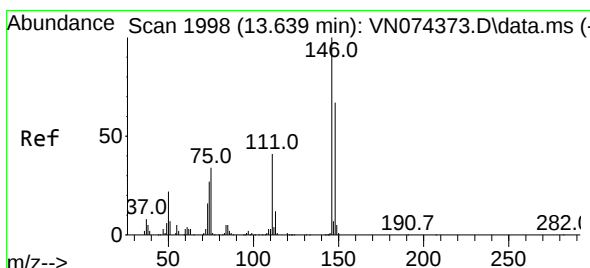
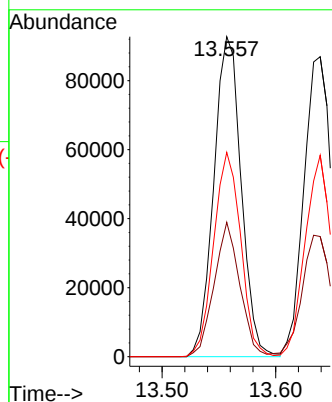
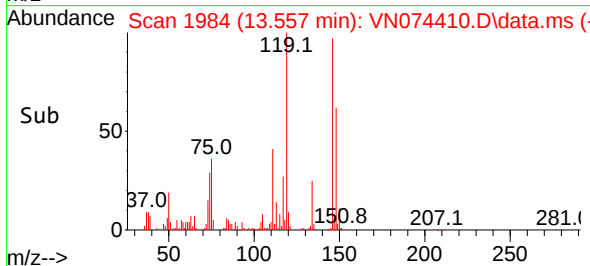
Tgt Ion:	146	Resp:	15541
Ion Ratio	Lower	Upper	
146	100		
111	39.4	21.5	64.5
148	63.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/14/2022

Supervised By :Mahesh Dadoda 09/14/2022



#88

1,4-Dichlorobenzene

Concen: 19.991 ug/l

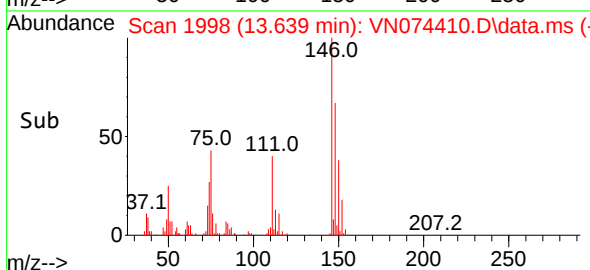
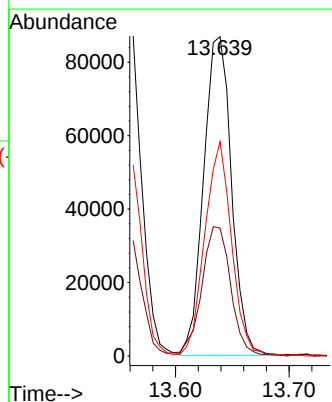
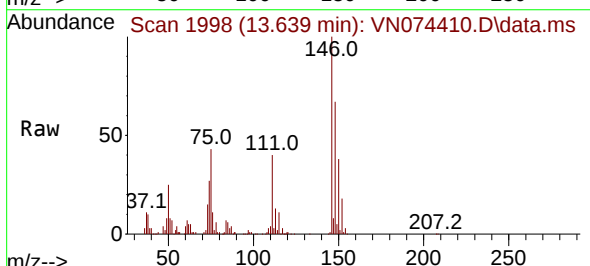
RT: 13.639 min Scan# 1998

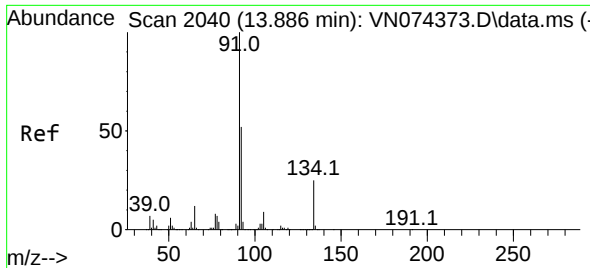
Delta R.T. 0.000 min

Lab File: VN074410.D

Acq: 12 Sep 2022 13:36

Tgt Ion:	146	Resp:	148464
Ion Ratio	Lower	Upper	
146	100		
111	42.5	20.8	62.2
148	64.6	32.1	96.5





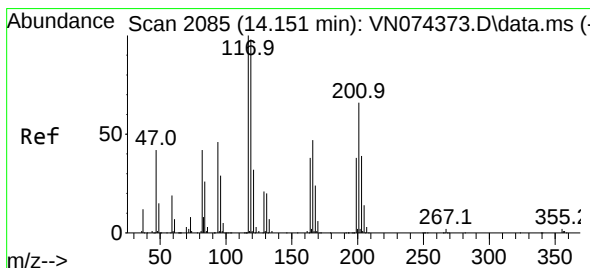
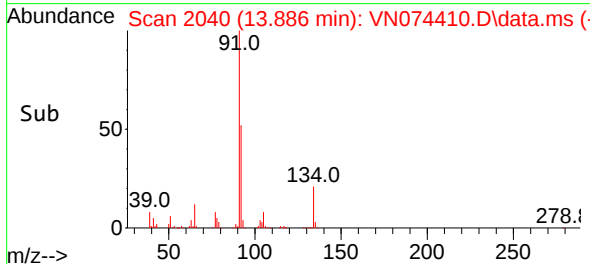
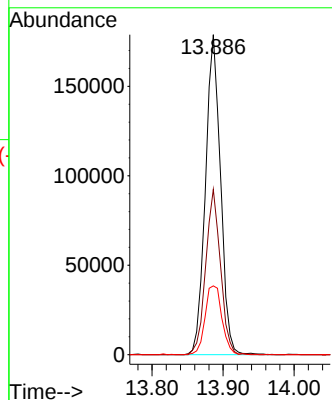
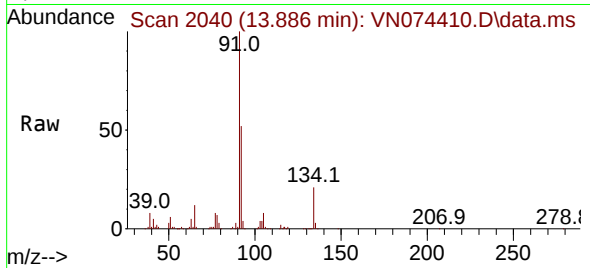
#89
n-Butylbenzene
Concen: 20.621 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion: 91 Resp: 264434
Ion Ratio Lower Upper
91 100
92 50.6 25.8 77.4
134 24.1 12.4 37.0

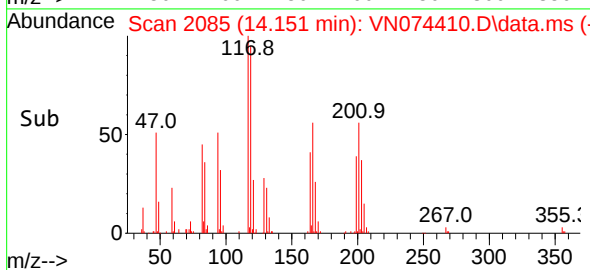
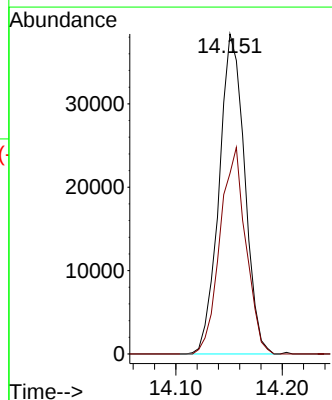
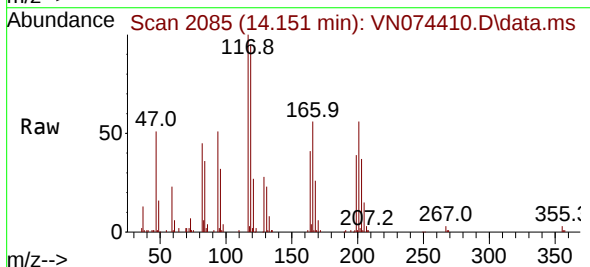
Manual Integrations
APPROVED

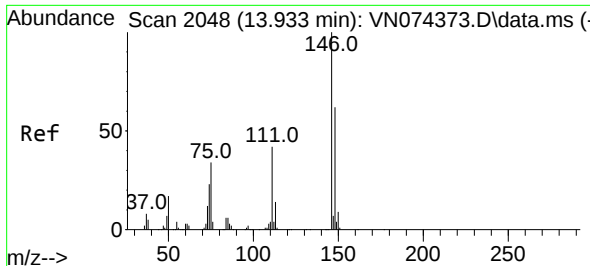
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#90
Hexachloroethane
Concen: 20.075 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Tgt Ion:117 Resp: 63909
Ion Ratio Lower Upper
117 100
201 65.2 32.6 98.0





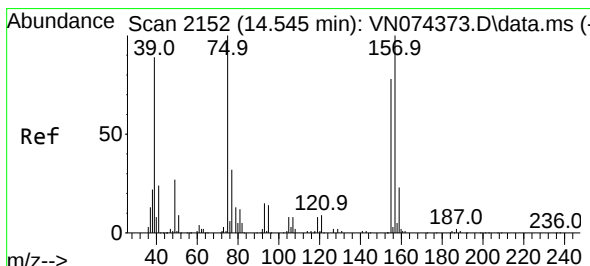
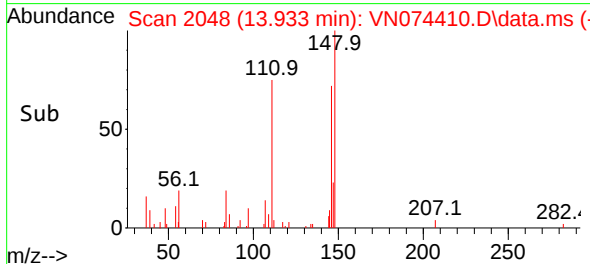
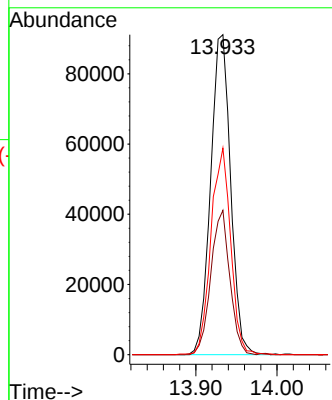
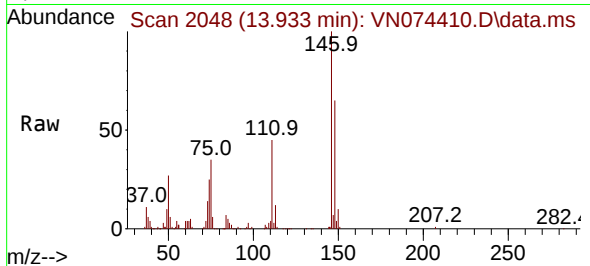
#91
1,2-Dichlorobenzene
Concen: 20.163 ug/l
RT: 13.933 min Scan# 2048
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:146 Resp: 15588
Ion Ratio Lower Upper
146 100
111 42.8 21.9 65.7
148 63.6 31.4 94.2

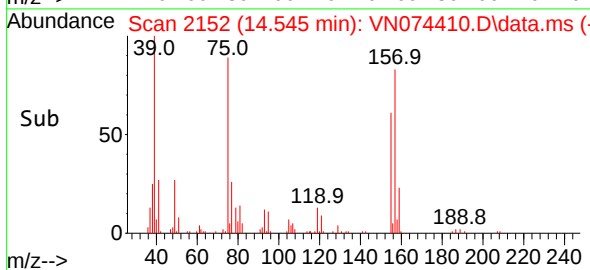
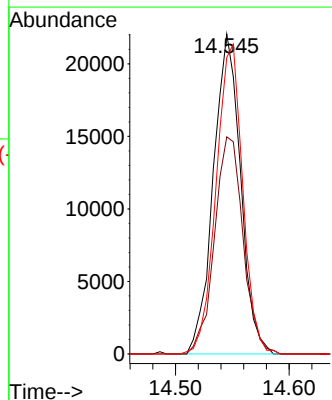
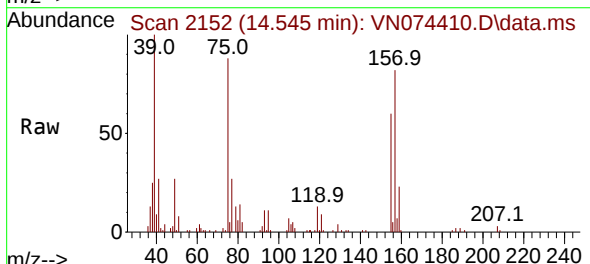
Manual Integrations
APPROVED

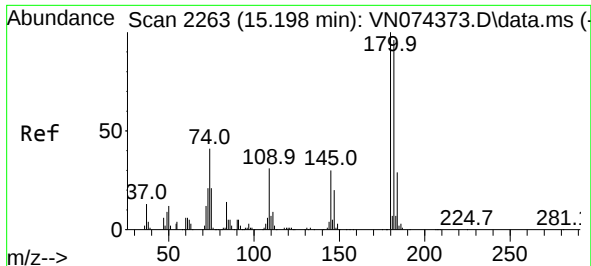
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.475 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

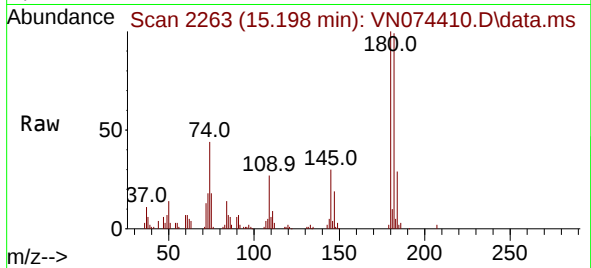
Tgt Ion: 75 Resp: 36673
Ion Ratio Lower Upper
75 100
155 71.3 36.6 109.9
157 94.7 46.2 138.5





#93
1,2,4-Trichlorobenzene
Concen: 20.695 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

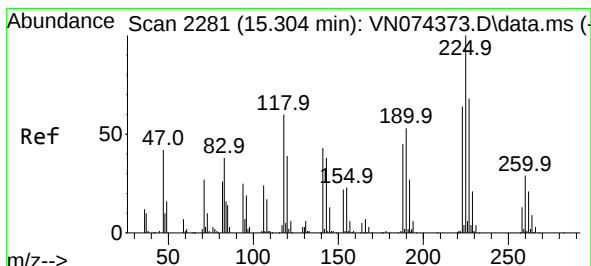
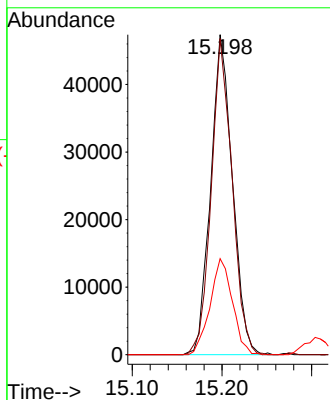
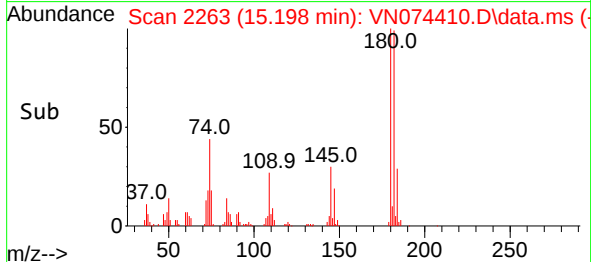
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



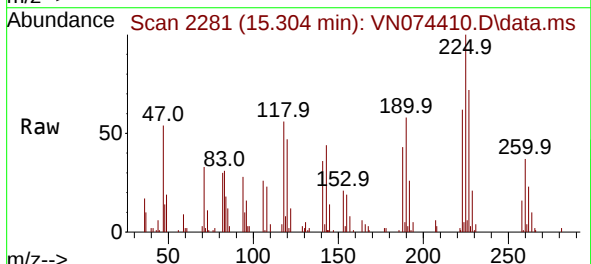
Tgt Ion:180 Resp: 79729
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.2
145 30.9 16.1 48.2

Manual Integrations
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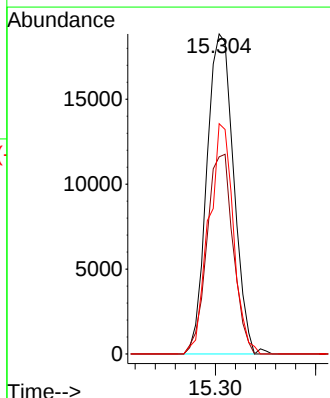
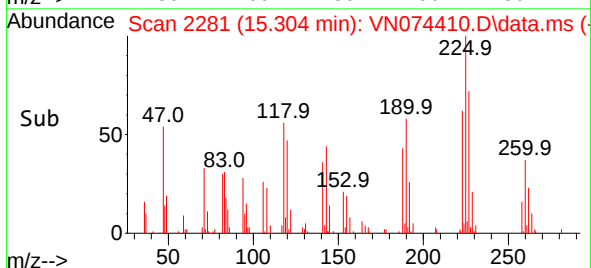
Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022

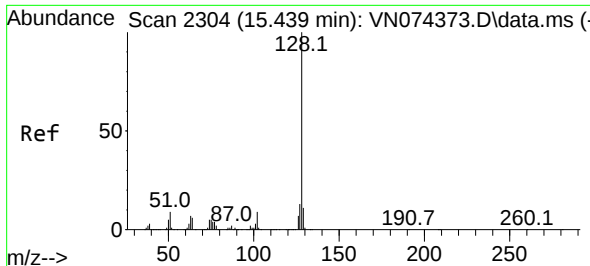


#94
Hexachlorobutadiene
Concen: 20.025 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



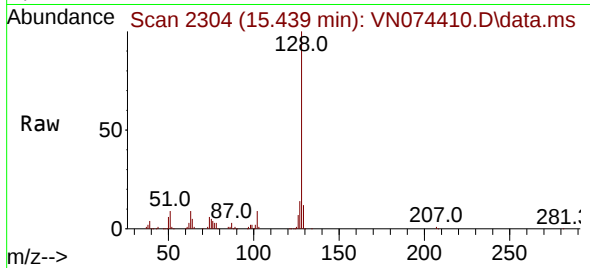
Tgt Ion:225 Resp: 34966
Ion Ratio Lower Upper
225 100
223 61.1 31.6 94.8
227 66.0 31.8 95.4





#95
Naphthalene
Concen: 20.811 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36

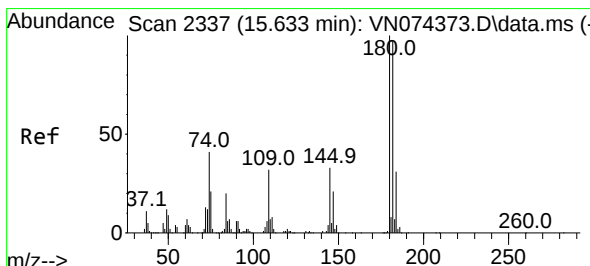
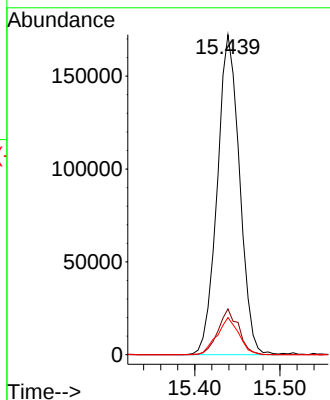
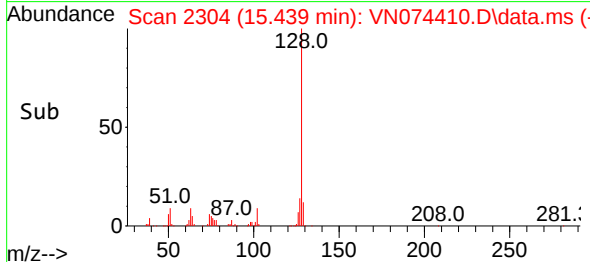
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01



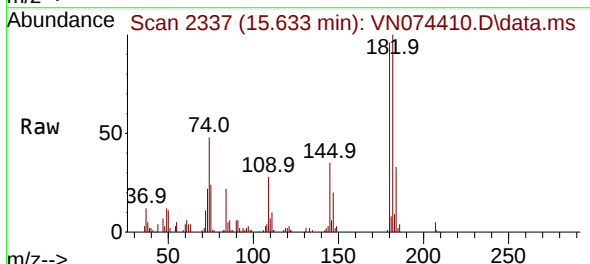
Tgt Ion:128 Resp: 31366
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.4 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 09/14/2022
Supervised By :Mahesh Dadoda 09/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.010 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VN074410.D
Acq: 12 Sep 2022 13:36



Tgt Ion:180 Resp: 79775
Ion Ratio Lower Upper
180 100
182 97.3 47.6 142.8
145 34.4 17.3 52.0

