

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069831.D
 Acq On : 7 Dec 2021 23:27
 Operator : JC/MD
 Sample : VN1207WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:41:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1159631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1902324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1718629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	665925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	915537	51.134	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.260%			
35) Dibromofluoromethane	8.021	113	628858	52.775	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.560%			
50) Toluene-d8	10.440	98	2493776	52.121	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.240%			
62) 4-Bromofluorobenzene	12.731	95	837648	48.326	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.660%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	258850	19.138	ug/l	99
3) Chloromethane	2.306	50	312940	18.468	ug/l	100
4) Vinyl Chloride	2.451	62	290298	18.632	ug/l	96
5) Bromomethane	2.864	94	172747	20.408	ug/l	98
6) Chloroethane	3.027	64	181415	19.001	ug/l	98
7) Trichlorofluoromethane	3.381	101	386592	18.905	ug/l	99
8) Diethyl Ether	3.827	74	150636	19.126	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	224795	19.611	ug/l	95
10) Methyl Iodide	4.422	142	280690	17.925	ug/l	97
11) Tert butyl alcohol	5.374	59	241511	71.359	ug/l	98
12) 1,1-Dichloroethene	4.183	96	209757	18.989	ug/l	91
13) Acrolein	4.044	56	303906	105.445	ug/l	97
14) Allyl chloride	4.843	41	453697	18.228	ug/l	94
15) Acrylonitrile	5.557	53	784329	86.003	ug/l	100
16) Acetone	4.288	43	729296	67.712	ug/l	96
17) Carbon Disulfide	4.532	76	515275	18.056	ug/l	100
18) Methyl Acetate	4.859	43	549481	16.902	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	807393	18.799	ug/l	96
20) Methylene Chloride	5.095	84	261244	18.246	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	224459	18.709	ug/l	89
22) Diisopropyl ether	6.495	45	964472	19.825	ug/l #	96
23) Vinyl Acetate	6.436	43	3829764	96.761	ug/l	95
24) 1,1-Dichloroethane	6.388	63	487388	19.340	ug/l	99
25) 2-Butanone	7.337	43	1117713	76.378	ug/l	90
26) 2,2-Dichloropropane	7.327	77	343106	17.511	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	272629	18.808	ug/l	86
28) Bromochloromethane	7.657	49	227921	17.392	ug/l #	76
29) Tetrahydrofuran	7.686	42	749437	84.338	ug/l	88
30) Chloroform	7.820	83	494273	19.420	ug/l	98
31) Cyclohexane	8.094	56	479583	19.247	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	413791	19.086	ug/l	95
36) 1,1-Dichloropropene	8.222	75	355208	19.614	ug/l	95
37) Ethyl Acetate	7.415	43	466433	17.305	ug/l #	94
38) Carbon Tetrachloride	8.206	117	342701	19.298	ug/l	96
39) Methylcyclohexane	9.459	83	409367	19.004	ug/l	90
40) Benzene	8.458	78	1077115	19.459	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	240713	19.024	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	430445	19.263	ug/l	97
43) Isopropyl Acetate	8.560	43	727659	18.243	ug/l #	94
44) Trichloroethene	9.215	130	255264	19.321	ug/l	89
45) 1,2-Dichloropropane	9.488	63	288052	19.378	ug/l	100
46) Dibromomethane	9.577	93	189186	19.406	ug/l	92
47) Bromodichloromethane	9.762	83	362518	19.641	ug/l	99
48) Methyl methacrylate	9.561	41	335939	18.047	ug/l	88
49) 1,4-Dioxane	9.566	88	96441	288.747	ug/l #	87
51) 4-Methyl-2-Pentanone	10.330	43	2325786	89.882	ug/l	95
52) Toluene	10.505	92	660023	19.531	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	365352	18.330	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	404199	18.651	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	261507	19.179	ug/l	96
56) Ethyl methacrylate	10.760	69	426284	18.093	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	468846	19.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	387797	70.100	ug/l	91
59) 2-Hexanone	11.084	43	1577334	80.582	ug/l	92
60) Dibromochloromethane	11.237	129	247212	18.493	ug/l	98
61) 1,2-Dibromoethane	11.344	107	262271	18.570	ug/l	100
64) Tetrachloroethene	10.980	164	237871	20.412	ug/l	96
65) Chlorobenzene	11.768	112	694862	19.930	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	247580	20.175	ug/l	99
67) Ethyl Benzene	11.843	91	1274498	20.124	ug/l	96
68) m/p-Xylenes	11.953	106	923332	40.040	ug/l	93
69) o-Xylene	12.280	106	459985	19.803	ug/l	92
70) Styrene	12.294	104	722259	19.609	ug/l	95
71) Bromoform	12.457	173	170380	18.077	ug/l #	99
73) Isopropylbenzene	12.578	105	1197578	20.213	ug/l	98
74) N-amyl acetate	12.388	43	454225	17.335	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	391816	19.124	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	356668m	18.676	ug/l	
77) Bromobenzene	12.860	156	273548	19.656	ug/l	79
78) n-propylbenzene	12.919	91	1316829	19.973	ug/l	96
79) 2-Chlorotoluene	13.007	91	830636	19.939	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	974708	20.439	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	83432	17.198	ug/l	85
82) 4-Chlorotoluene	13.104	91	779739	19.902	ug/l	92
83) tert-Butylbenzene	13.324	119	839590	19.883	ug/l	92
84) 1,2,4-Trimethylbenzene	13.366	105	936393	20.618	ug/l	98
85) sec-Butylbenzene	13.501	105	1131138	19.749	ug/l	97
86) p-Isopropyltoluene	13.616	119	889380	19.865	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	442108	19.337	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	426977	19.004	ug/l	97
89) n-Butylbenzene	13.940	91	658868	18.142	ug/l	98
90) Hexachloroethane	14.209	117	153178	19.487	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	434180	19.491	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	63360	17.114	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	168066	17.375	ug/l	99
94) Hexachlorobutadiene	15.370	225	111553	18.895	ug/l	99
95) Naphthalene	15.507	128	418466	15.819	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	164010	17.088	ug/l	98

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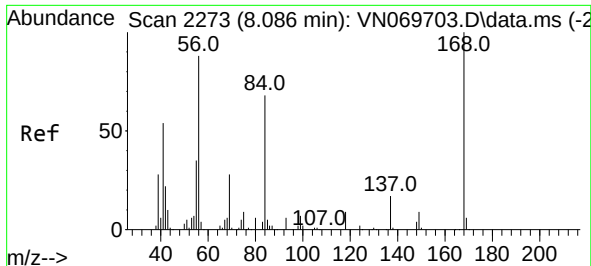
Manual Integrations
APPROVED

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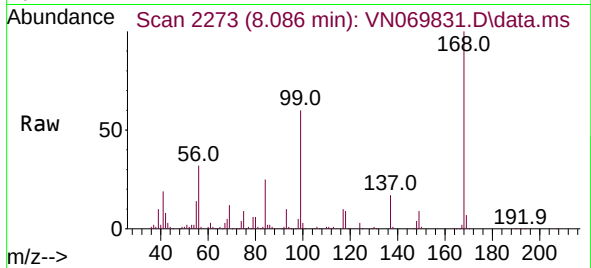
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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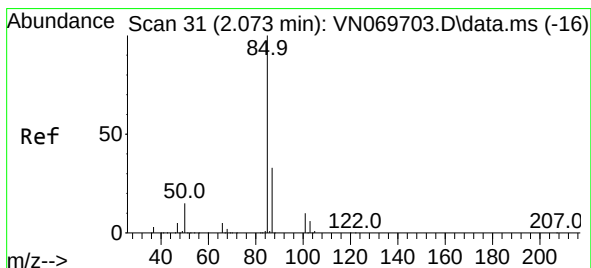
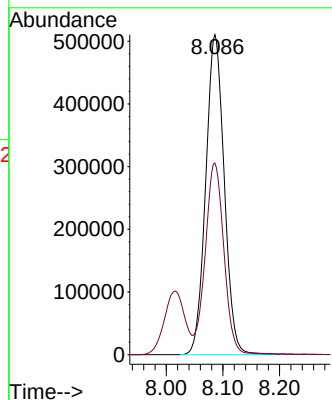
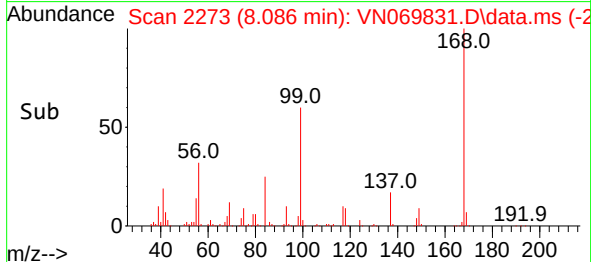
Instrument :
MSVOA_N
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VN1207WBS02



Tgt Ion:168 Resp: 115963
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

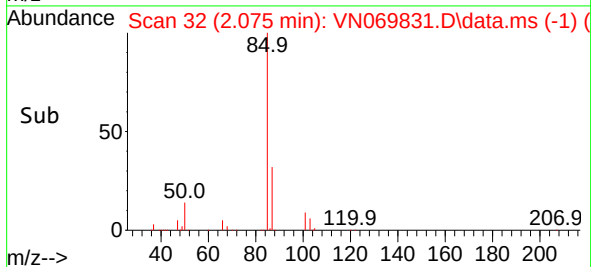
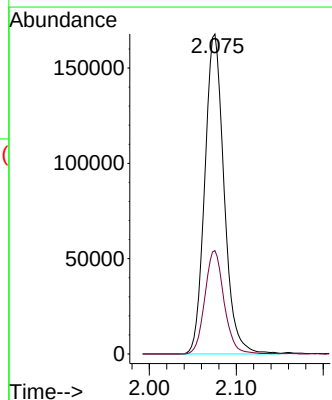
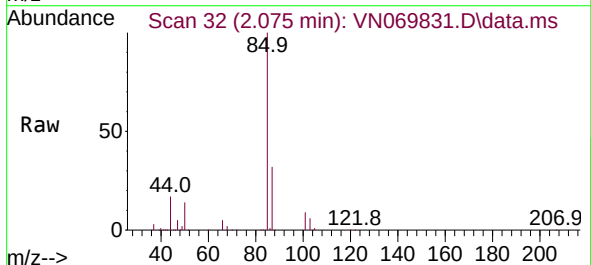
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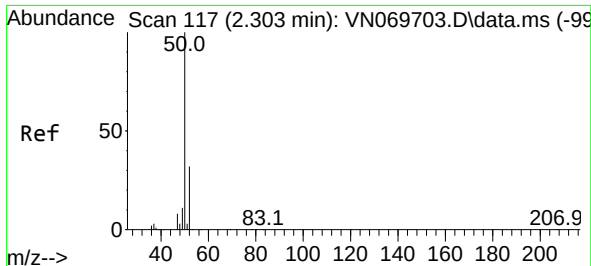
Reviewed By :John Carlone 12/08/2021
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#2
Dichlorodifluoromethane
Concen: 19.138 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

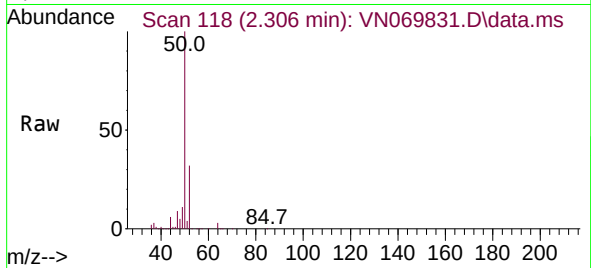
Tgt Ion: 85 Resp: 258850
Ion Ratio Lower Upper
85 100
87 32.3 16.3 48.9





#3
Chloromethane
Concen: 18.468 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

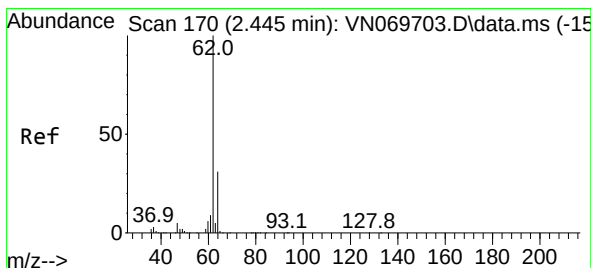
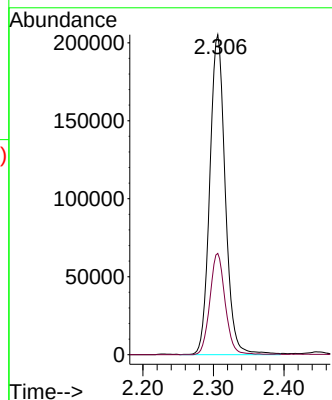
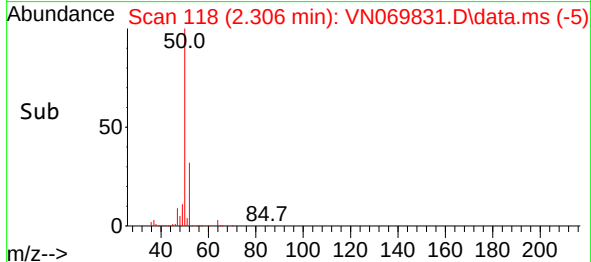
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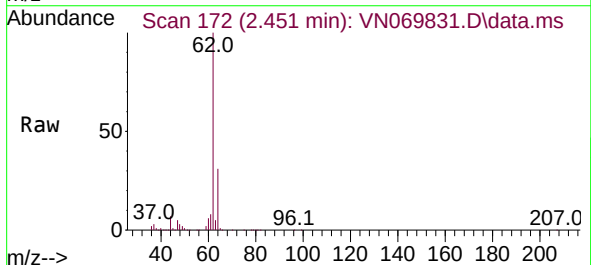
Tgt Ion: 50 Resp: 312940
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0

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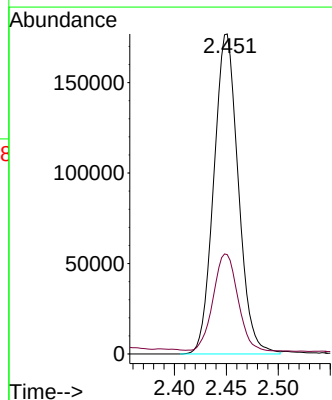
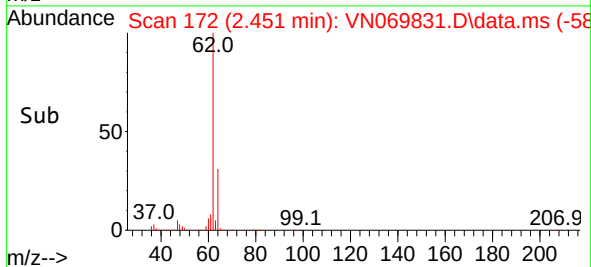
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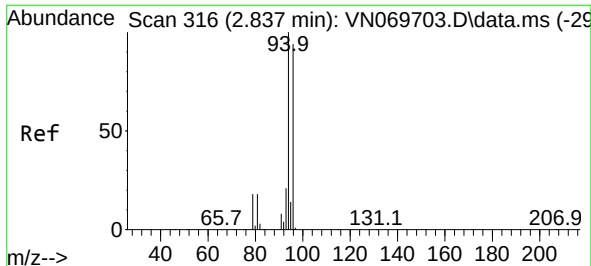


#4
Vinyl Chloride
Concen: 18.632 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.006 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



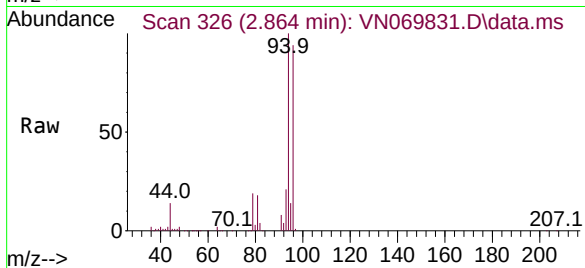
Tgt Ion: 62 Resp: 290298
Ion Ratio Lower Upper
62 100
64 30.0 25.8 38.6





#5
Bromomethane
Concen: 20.408 ug/l
RT: 2.864 min Scan# 316
Delta R.T. 0.027 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

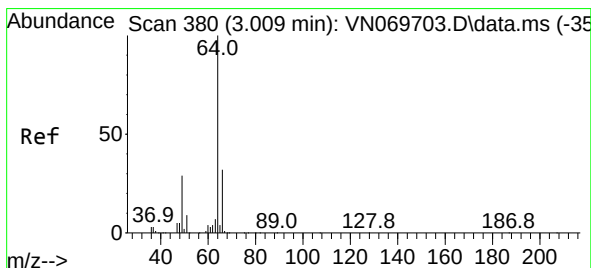
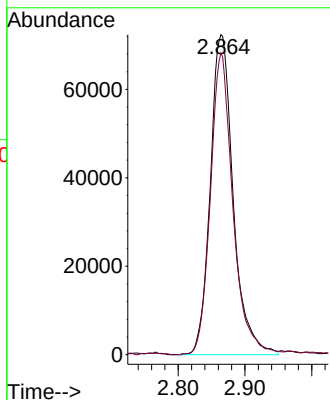
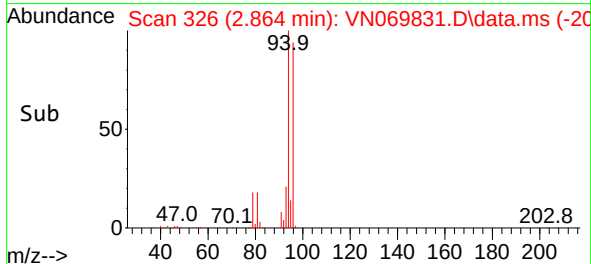
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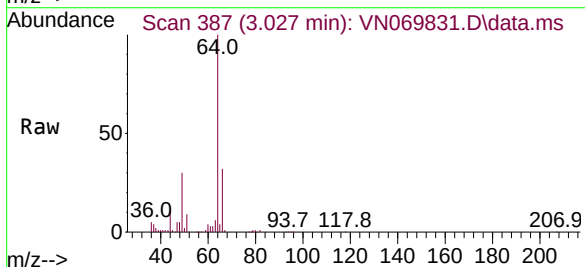
Tgt Ion: 94 Resp: 17274
Ion Ratio Lower Upper
94 100
96 94.3 73.8 110.8

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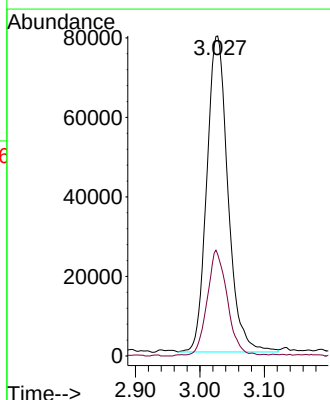
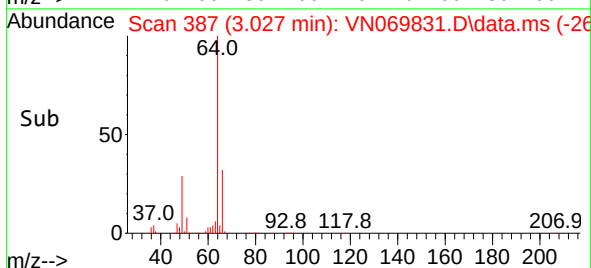
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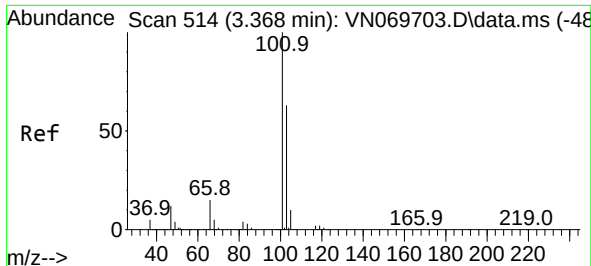


#6
Chloroethane
Concen: 19.001 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.019 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



Tgt Ion: 64 Resp: 181415
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





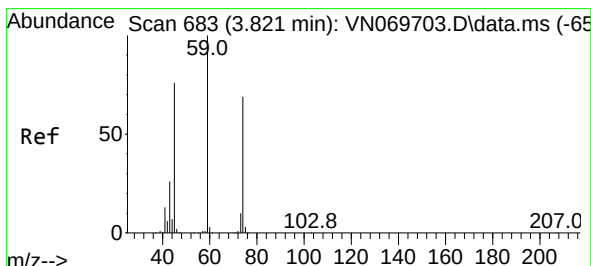
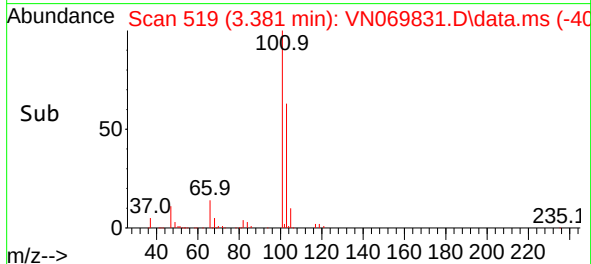
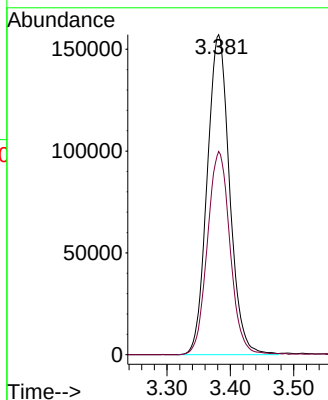
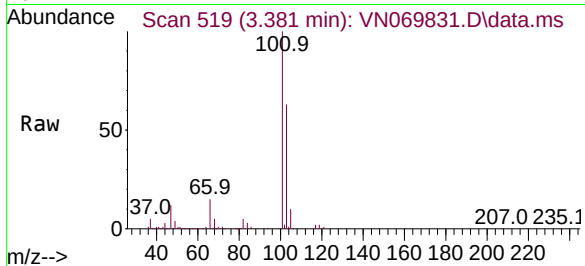
#7
Trichlorofluoromethane
Concen: 18.905 ug/l
RT: 3.381 min Scan# 514
Delta R.T. 0.014 min
Lab File: VN069831.D
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Tgt Ion:101 Resp: 386592
Ion Ratio Lower Upper
101 100
103 63.5 50.1 75.1

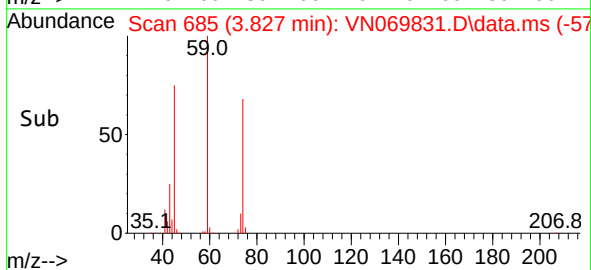
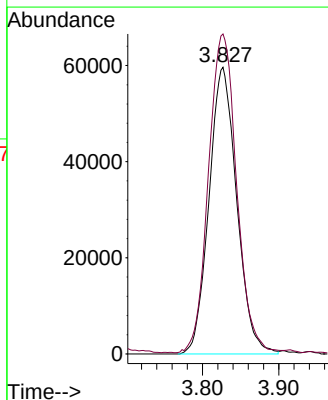
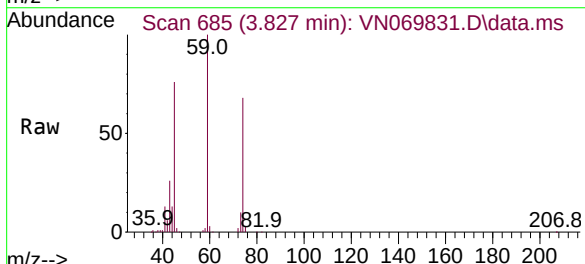
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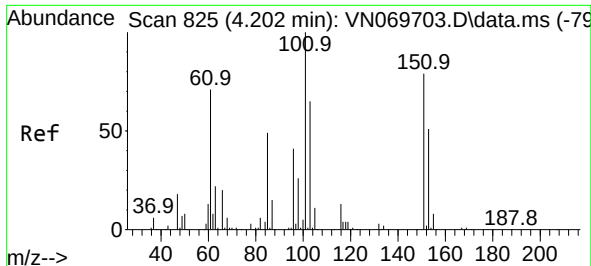
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#8
Diethyl Ether
Concen: 19.126 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 150636
Ion Ratio Lower Upper
74 100
45 112.6 47.0 141.2





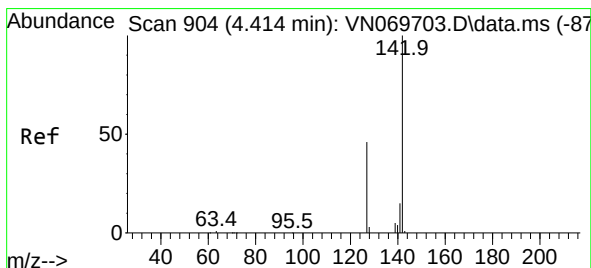
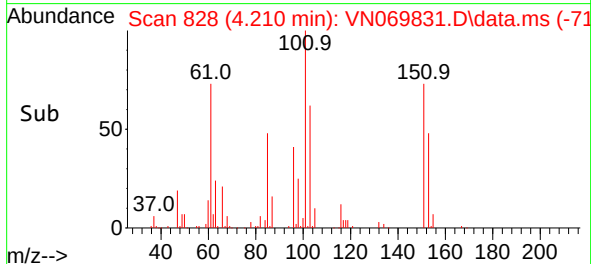
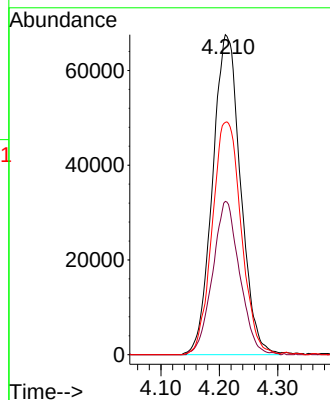
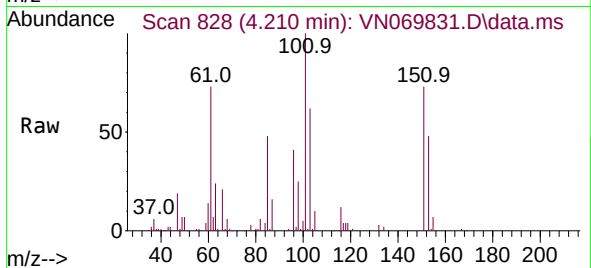
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.611 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion:101 Resp: 22479
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 75.3 65.9 98.9

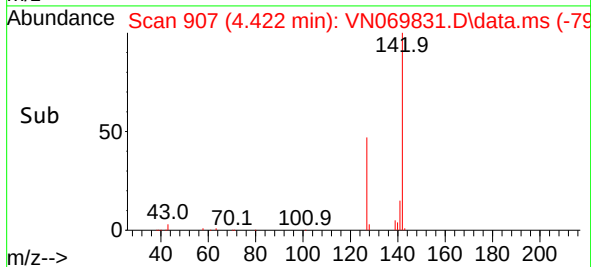
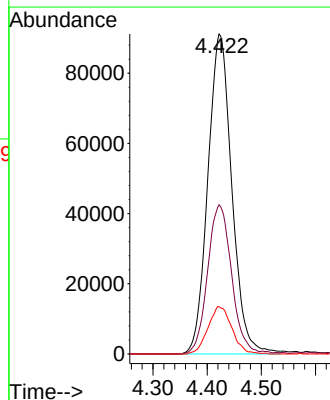
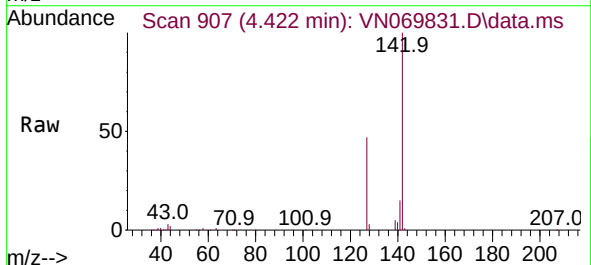
Manual Integrations
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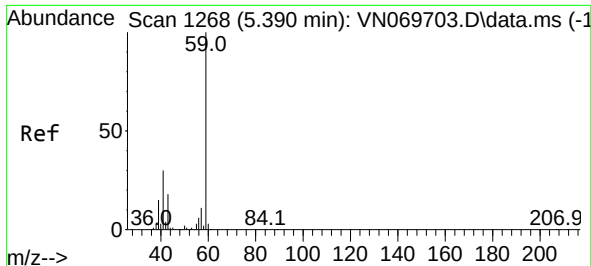
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 17.925 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

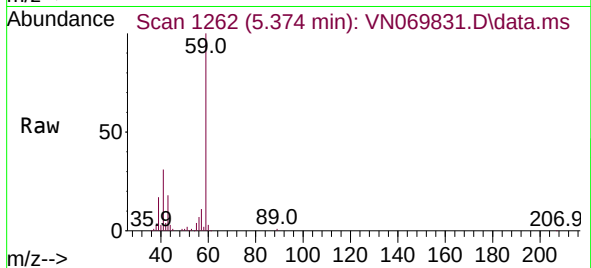
Tgt Ion:142 Resp: 280690
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 71.359 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.016 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

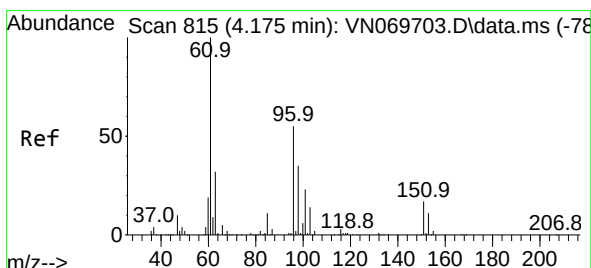
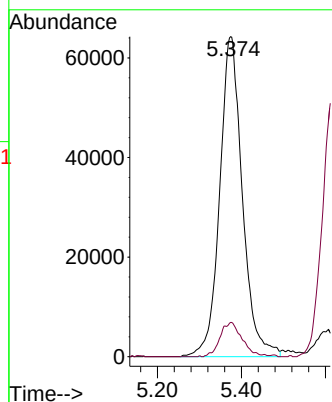
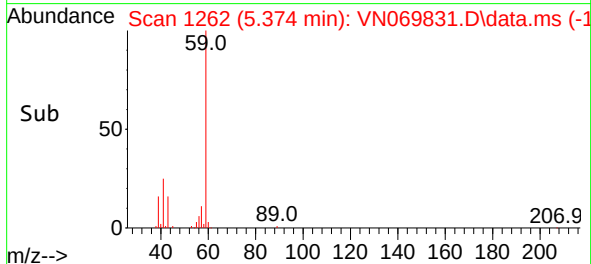
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



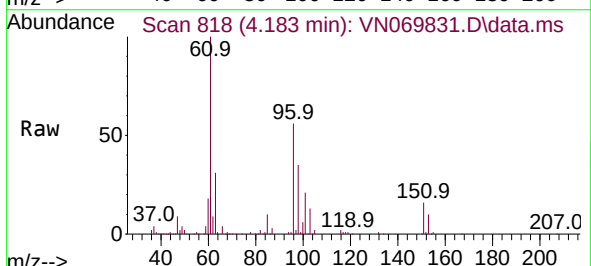
Tgt Ion: 59 Resp: 24151
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

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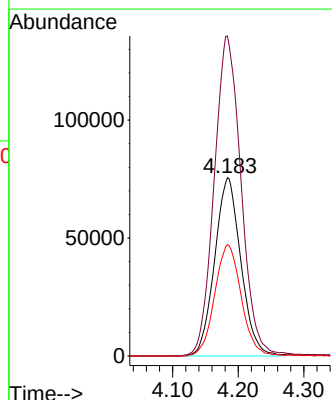
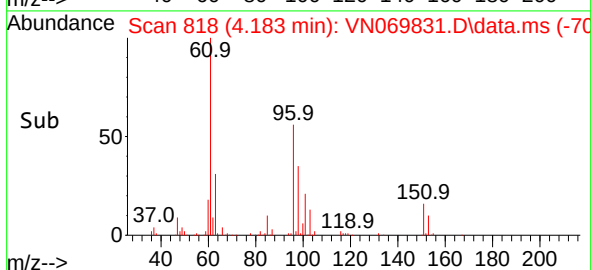
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

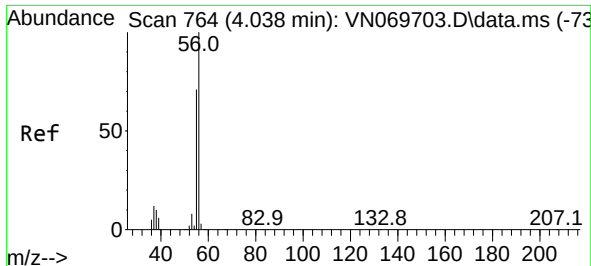


#12
1,1-Dichloroethene
Concen: 18.989 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



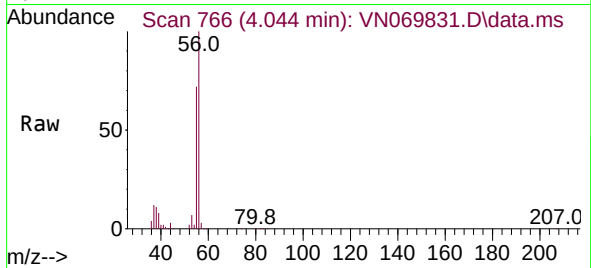
Tgt Ion: 96 Resp: 209757
Ion Ratio Lower Upper
96 100
61 179.5 131.0 196.6
98 62.5 52.4 78.6





#13
Acrolein
Concen: 105.445 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

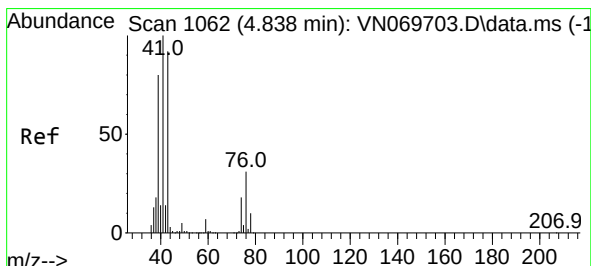
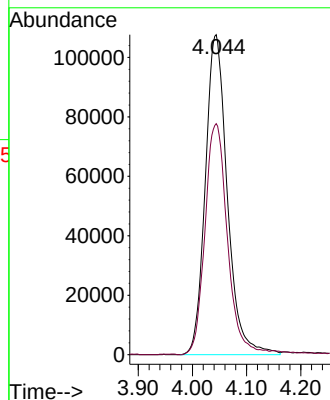
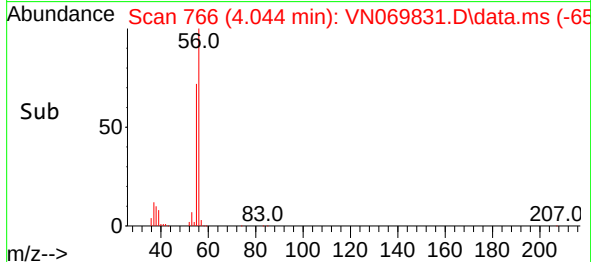
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



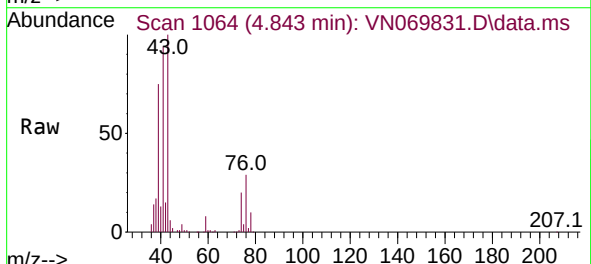
Tgt Ion: 56 Resp: 303900
Ion Ratio Lower Upper
56 100
55 73.5 56.6 85.0

Manual Integrations
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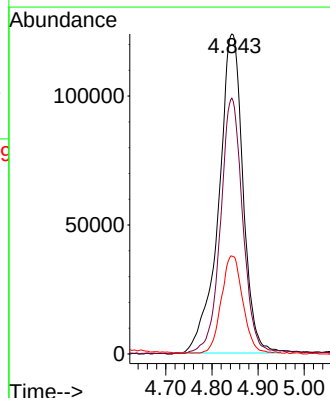
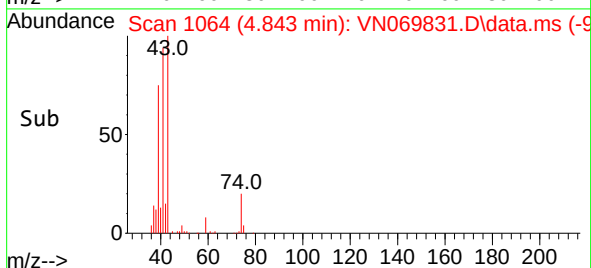
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

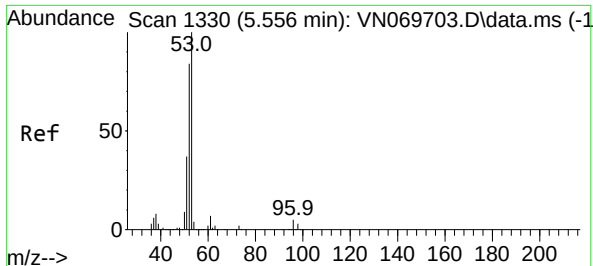


#14
Allyl chloride
Concen: 18.228 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



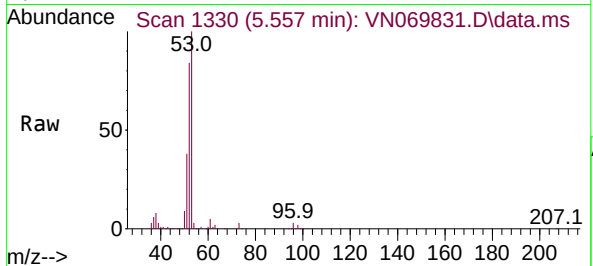
Tgt Ion: 41 Resp: 453697
Ion Ratio Lower Upper
41 100
39 72.9 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 86.003 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

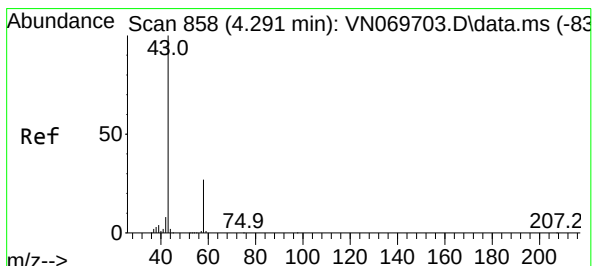
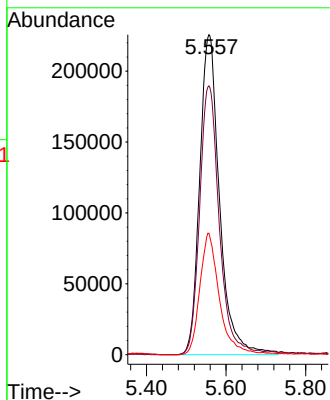
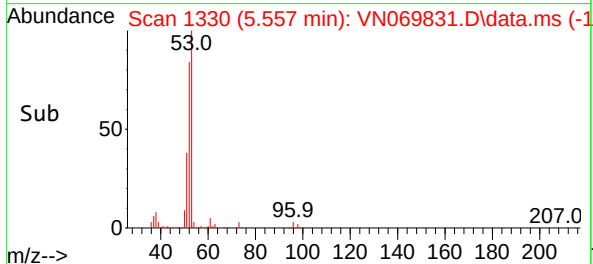
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 53 Resp: 784329
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 37.1 29.6 44.4

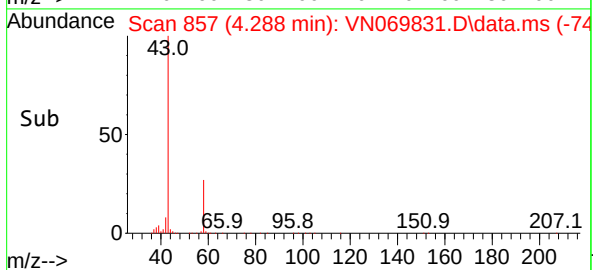
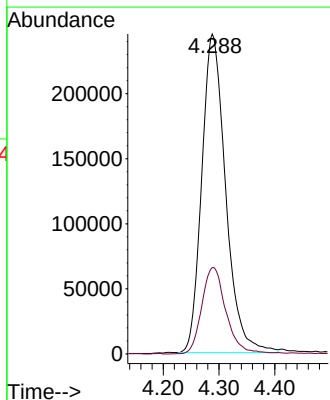
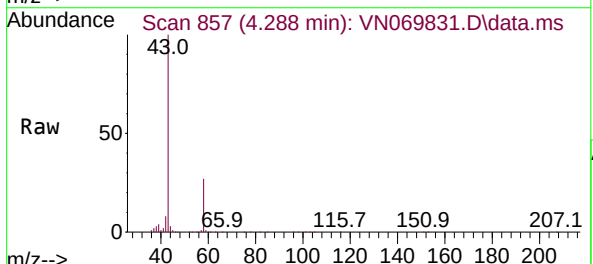
Manual Integrations
APPROVED

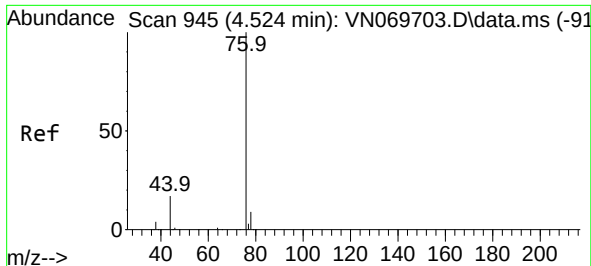
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 67.712 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

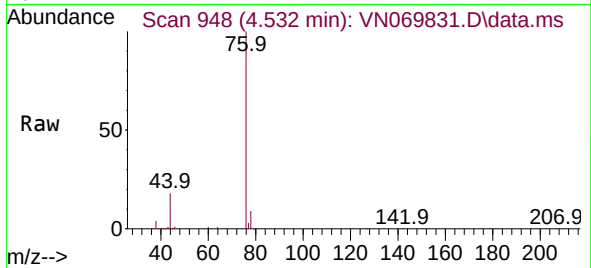
Tgt Ion: 43 Resp: 729296
Ion Ratio Lower Upper
43 100
58 27.0 23.1 34.7





#17
Carbon Disulfide
Concen: 18.056 ug/l
RT: 4.532 min Scan# 945
Delta R.T. 0.008 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

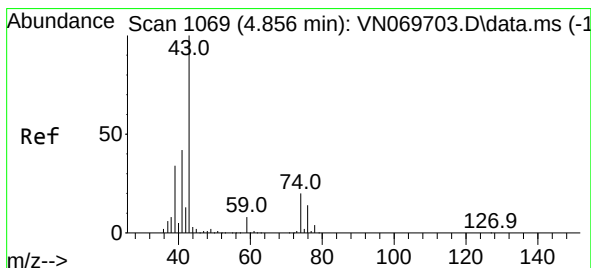
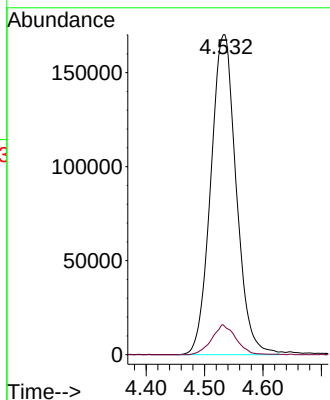
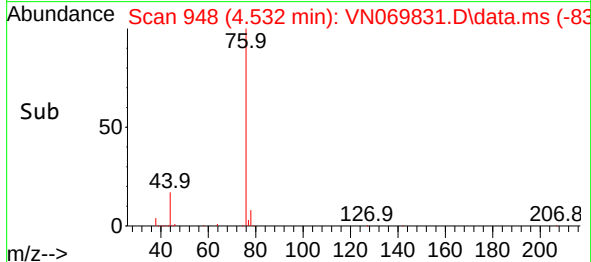
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



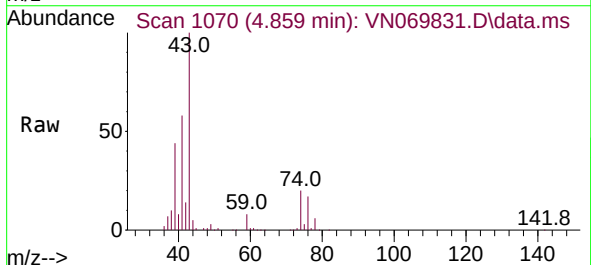
Tgt Ion: 76 Resp: 51527
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

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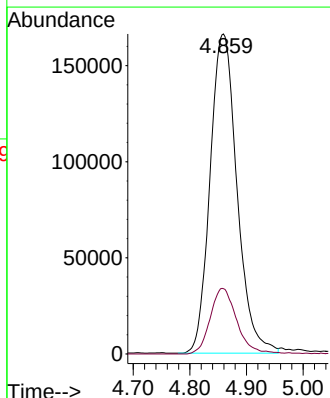
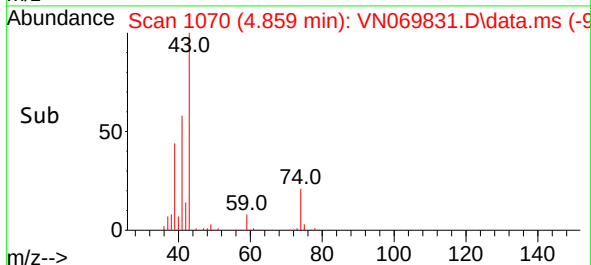
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

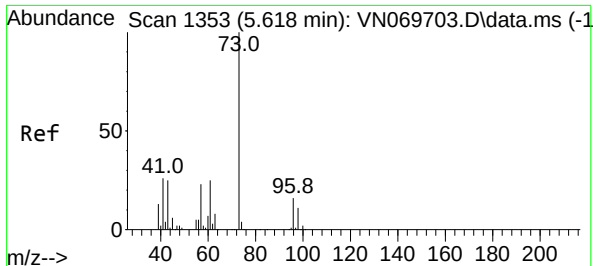


#18
Methyl Acetate
Concen: 16.902 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



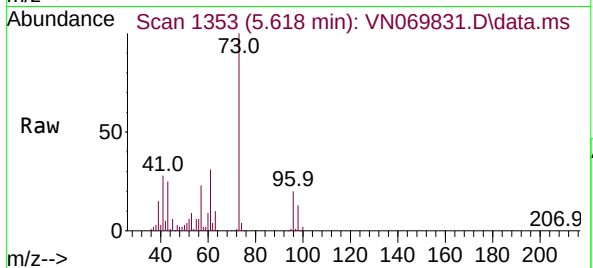
Tgt Ion: 43 Resp: 549481
Ion Ratio Lower Upper
43 100
74 20.2 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.799 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

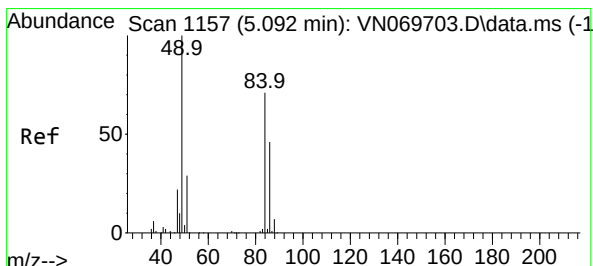
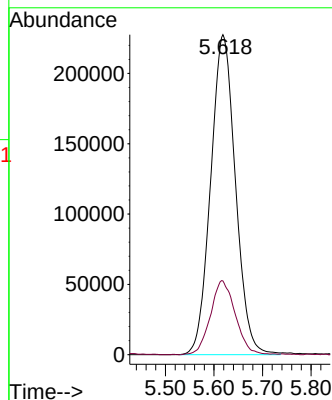
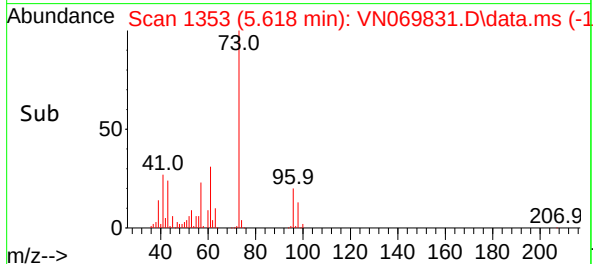
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 73 Resp: 80739
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

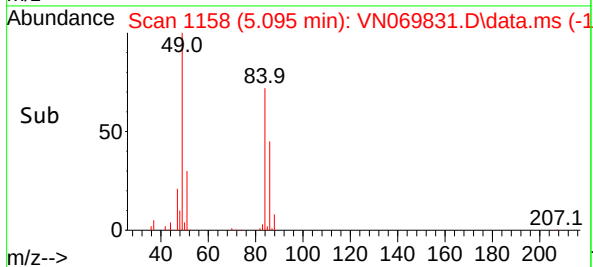
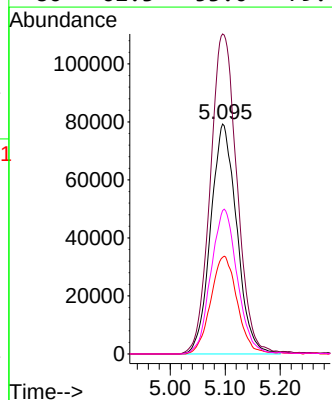
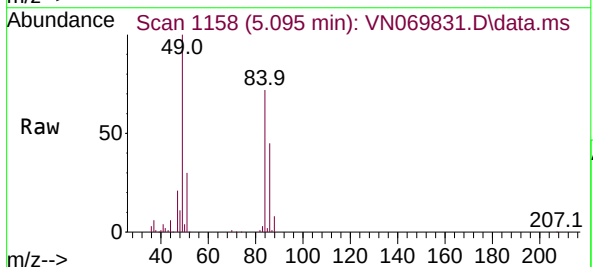
Manual Integrations
APPROVED

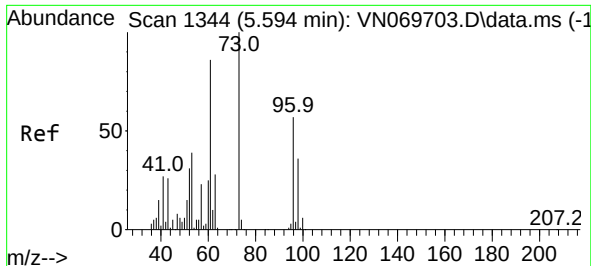
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 18.246 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

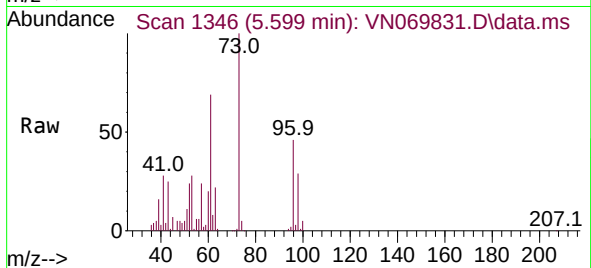
Tgt Ion: 84 Resp: 261244
Ion Ratio Lower Upper
84 100
49 139.2 93.5 140.3
51 42.1 29.4 44.2
86 62.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.709 ug/l
RT: 5.599 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

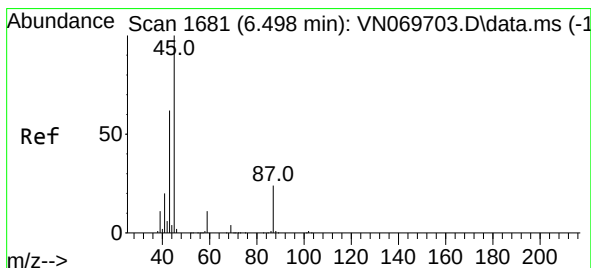
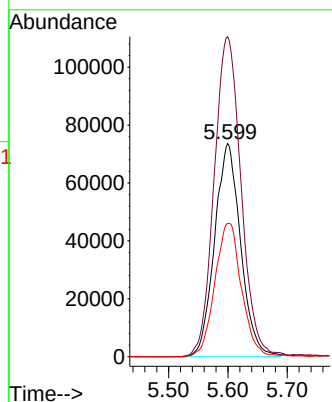
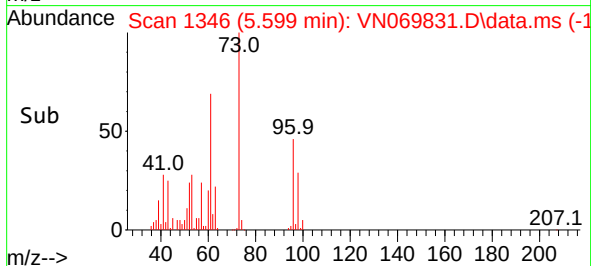
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 96 Resp: 224459
Ion Ratio Lower Upper
96 100
61 150.2 105.8 158.6
98 62.5 52.0 78.0

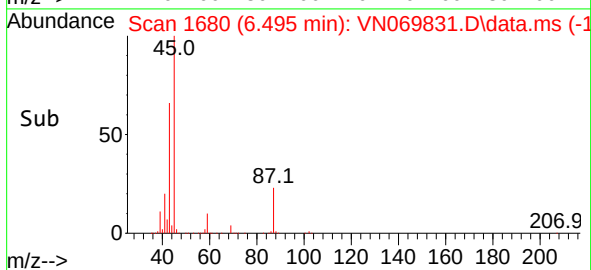
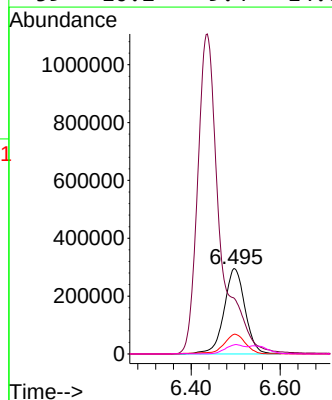
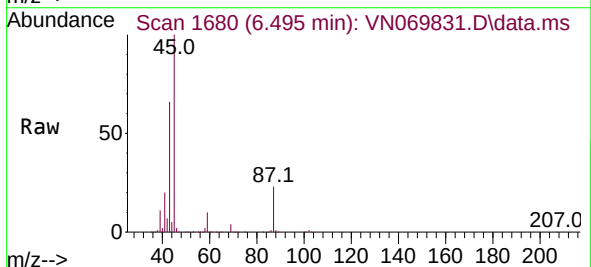
Manual Integrations
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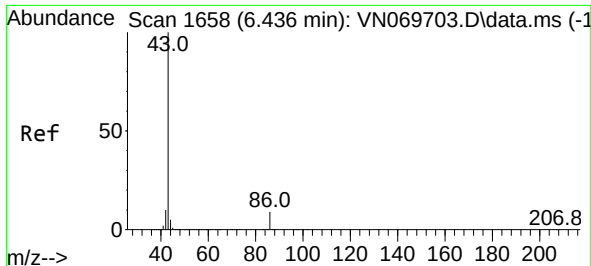
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#22
Diisopropyl ether
Concen: 19.825 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

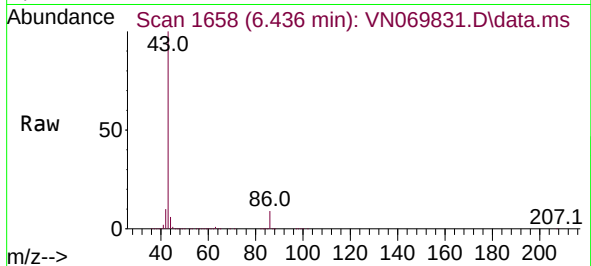
Tgt Ion: 45 Resp: 964472
Ion Ratio Lower Upper
45 100
43 64.1 51.7 77.5
87 22.8 23.2 34.8#
59 10.2 9.4 14.0





#23
 Vinyl Acetate
 Concen: 96.761 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN069831.D
 Acq: 7 Dec 2021 23:27

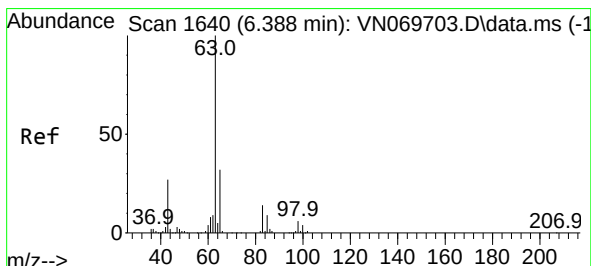
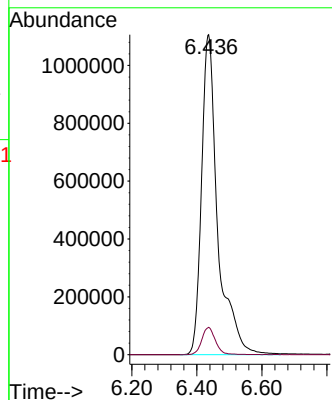
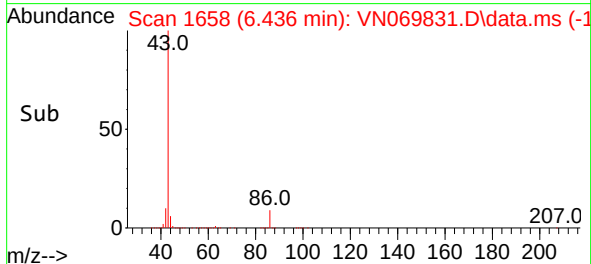
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS02



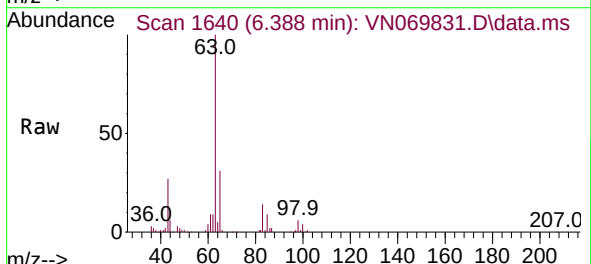
Tgt Ion: 43 Resp: 382976
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

Manual Integrations
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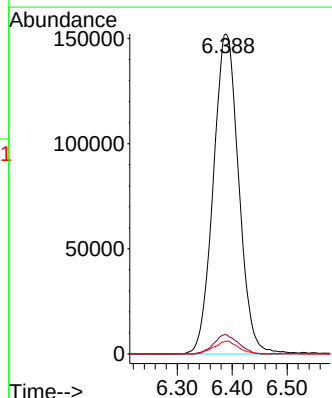
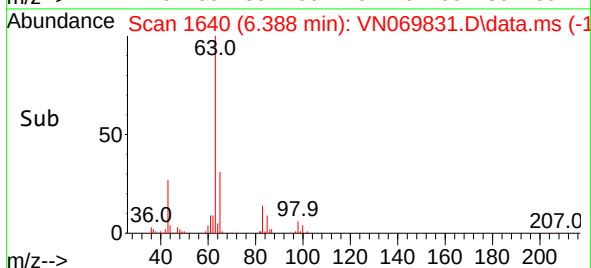
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021

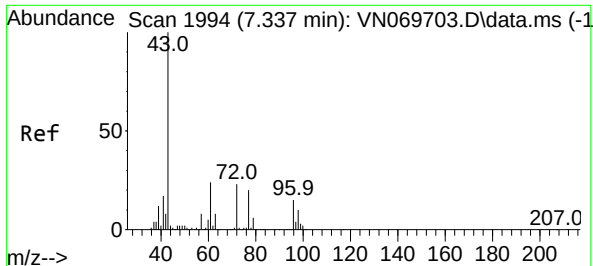


#24
 1,1-Dichloroethane
 Concen: 19.340 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN069831.D
 Acq: 7 Dec 2021 23:27



Tgt Ion: 63 Resp: 487388
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.9 2.1 6.5





#25

2-Butanone

Concen: 76.378 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 43 Resp: 111771

Ion Ratio Lower Upper

43 100

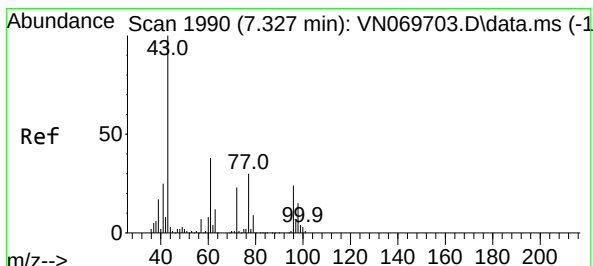
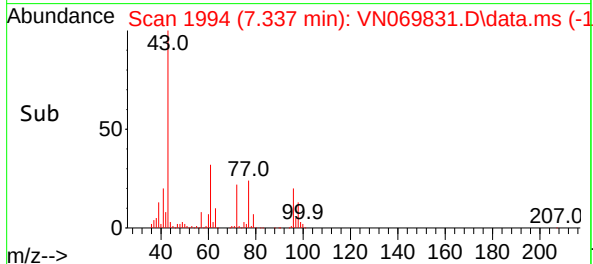
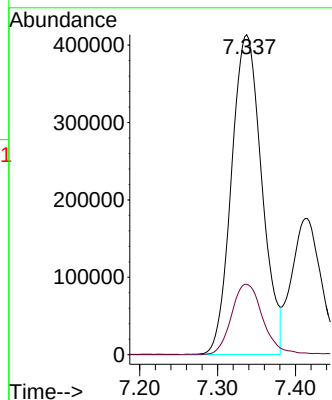
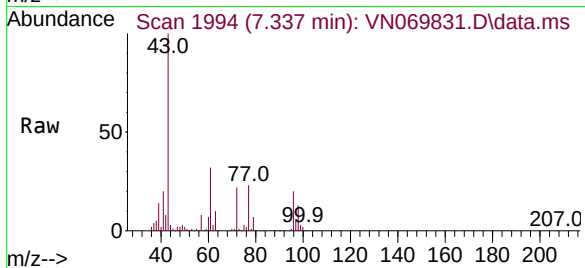
72 22.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#26

2,2-Dichloropropane

Concen: 17.511 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069831.D

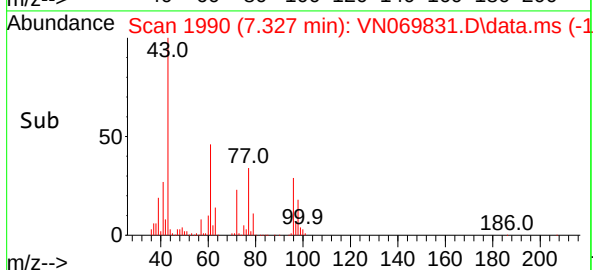
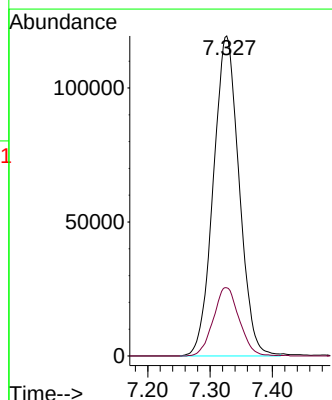
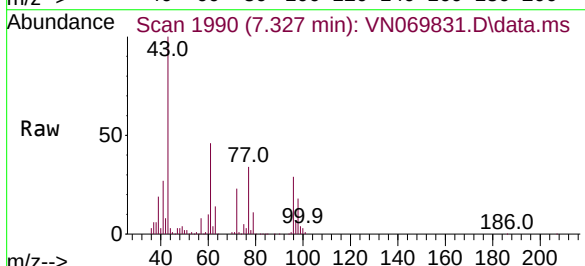
Acq: 7 Dec 2021 23:27

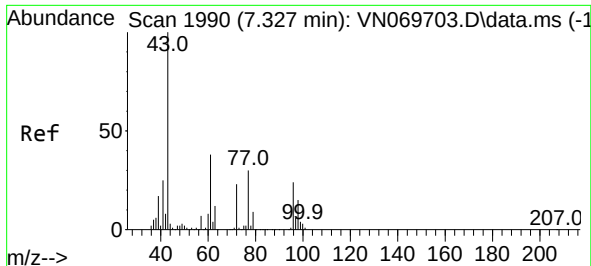
Tgt Ion: 77 Resp: 343106

Ion Ratio Lower Upper

77 100

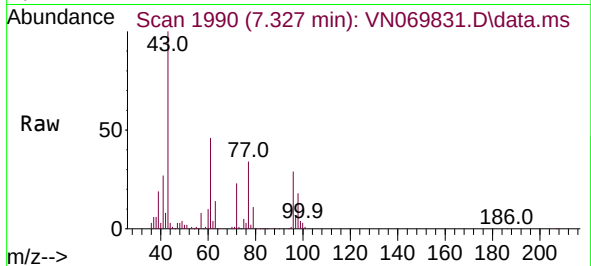
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.808 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN069831.D
 Acq: 7 Dec 2021 23:27

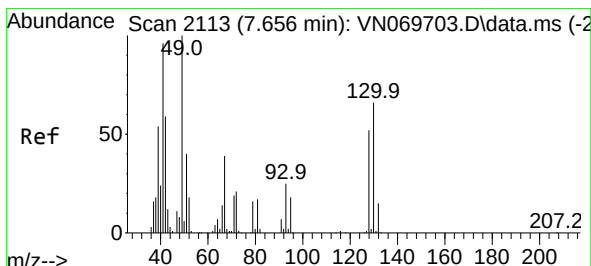
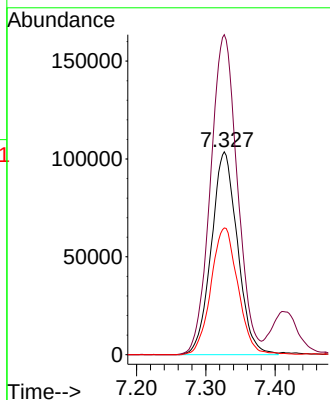
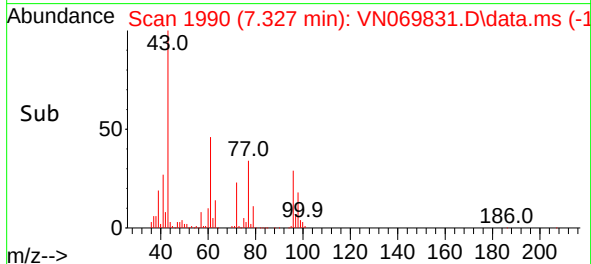
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS02



Tgt Ion: 96 Resp: 272629
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 275.0
 98 64.1 0.0 129.6

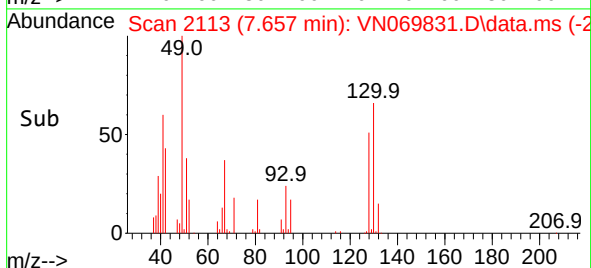
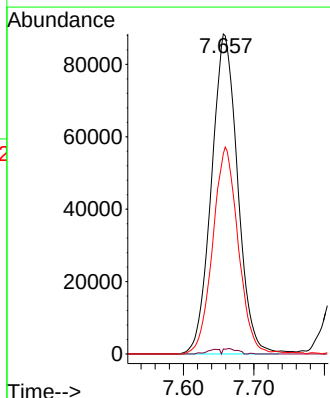
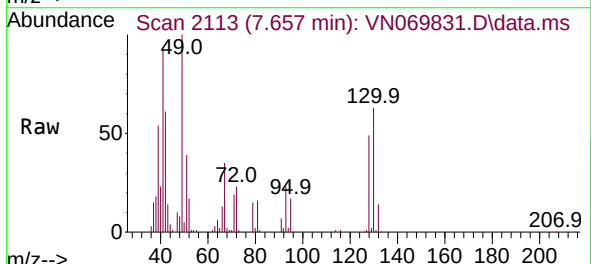
Manual Integrations
 APPROVED

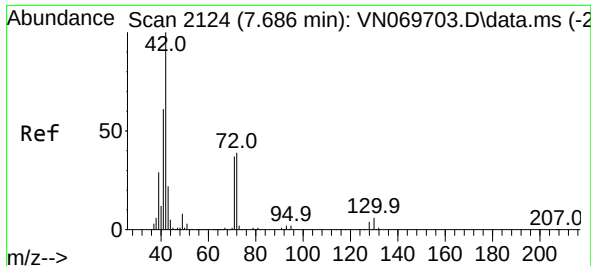
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#28
 Bromochloromethane
 Concen: 17.392 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069831.D
 Acq: 7 Dec 2021 23:27

Tgt Ion: 49 Resp: 227921
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.0
 130 62.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 84.338 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069831.D

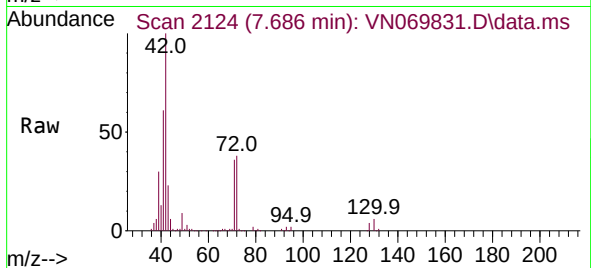
Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

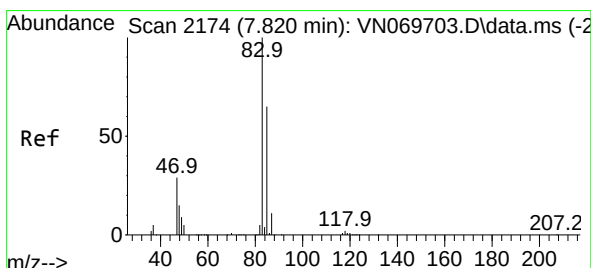
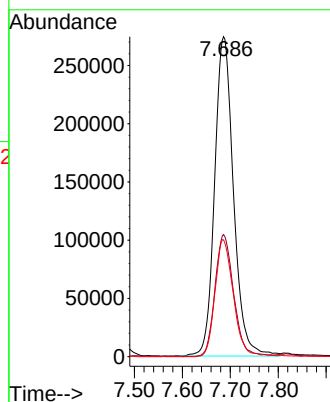
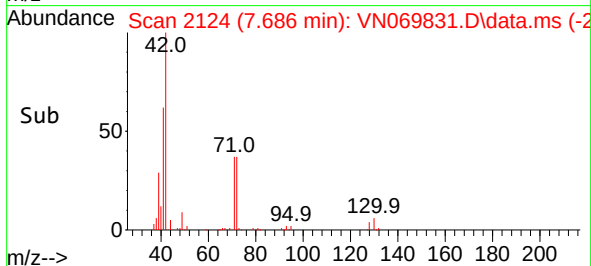


Tgt Ion:	42	Resp:	74943
Ion Ratio	100	Lower	Upper
42	100		
72	37.6	36.3	54.5
71	35.4	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 19.420 ug/l

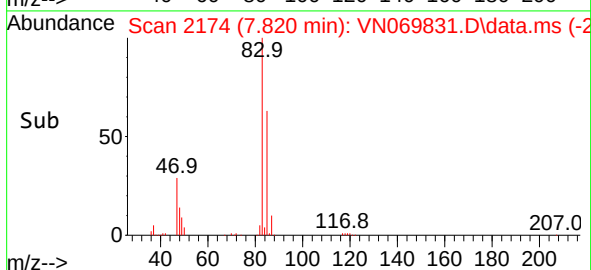
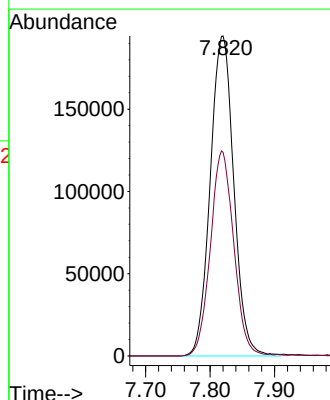
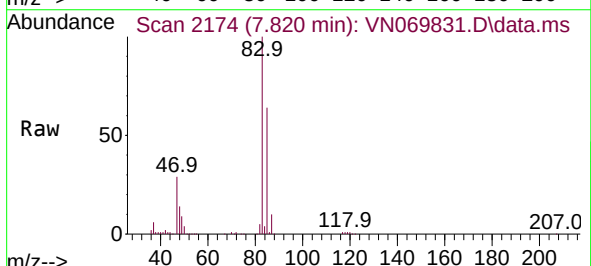
RT: 7.820 min Scan# 2174

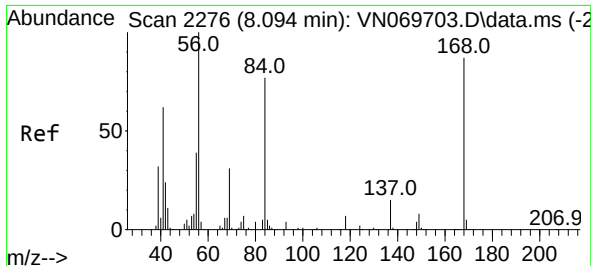
Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

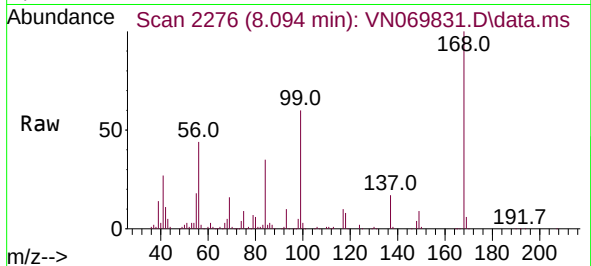
Tgt Ion:	83	Resp:	494273
Ion Ratio	100	Lower	Upper
83	100		
85	63.6	51.9	77.9





#31
Cyclohexane
Concen: 19.247 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

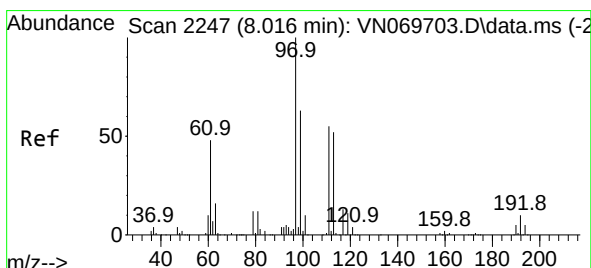
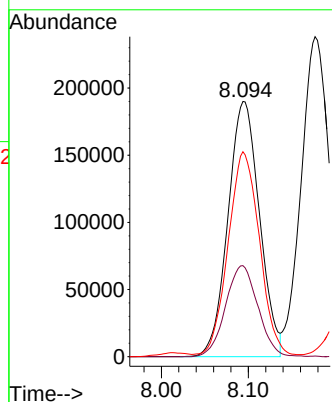
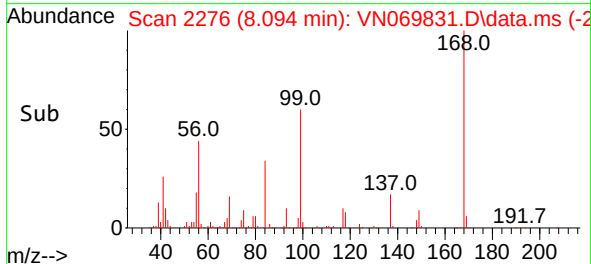
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 56 Resp: 47958
Ion Ratio Lower Upper
56 100
69 35.6 27.1 40.7
84 78.9 73.4 110.0

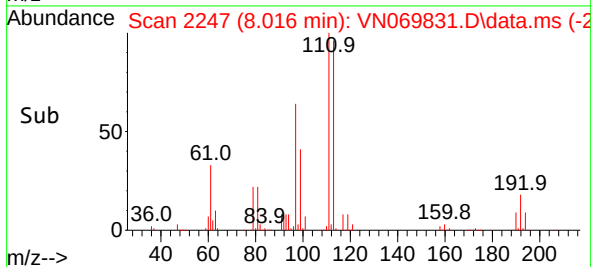
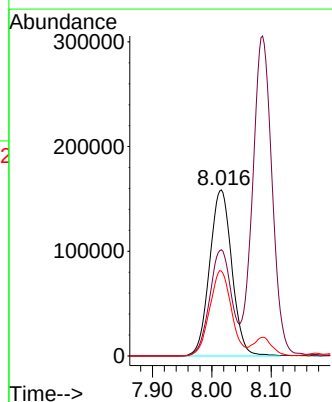
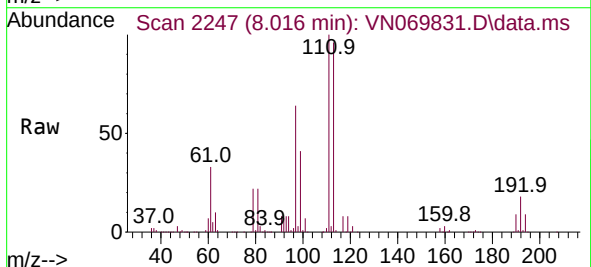
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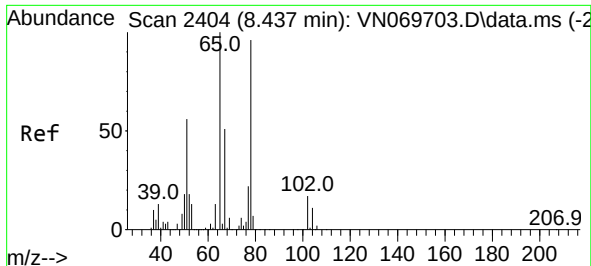
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#32
1,1,1-Trichloroethane
Concen: 19.086 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 97 Resp: 413791
Ion Ratio Lower Upper
97 100
99 61.9 50.1 75.1
61 50.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 51.134 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 65 Resp: 91553

Ion Ratio Lower Upper

65 100

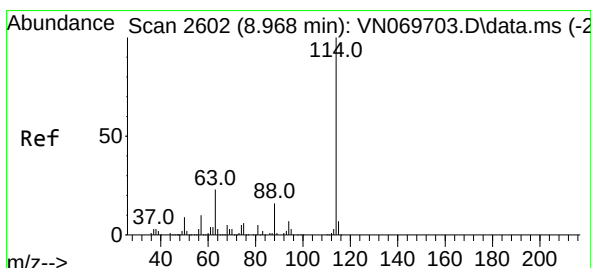
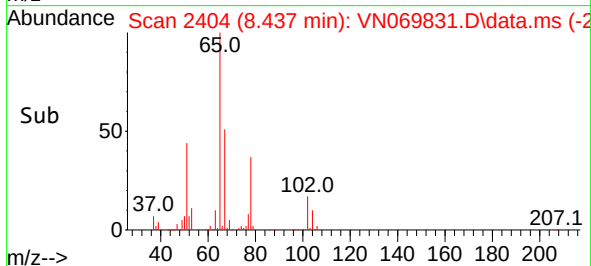
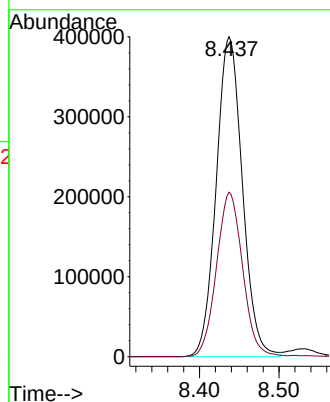
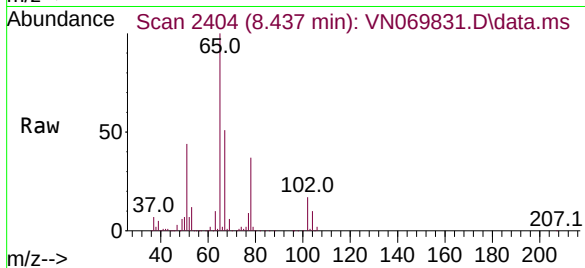
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

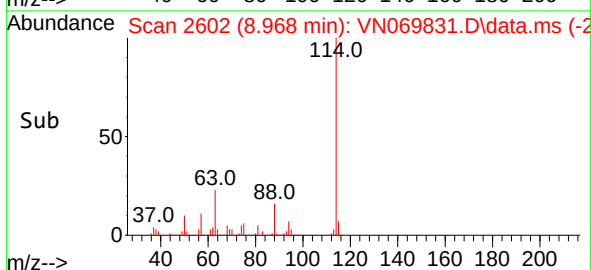
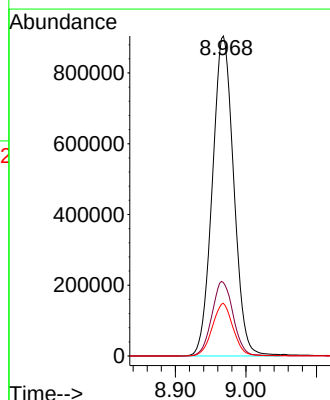
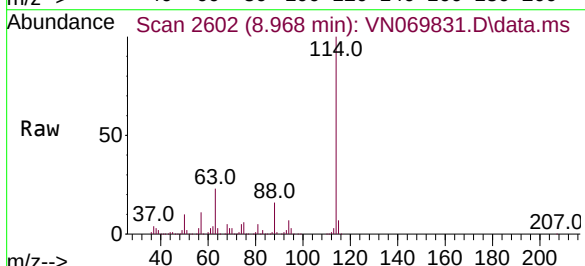
Tgt Ion:114 Resp: 1902324

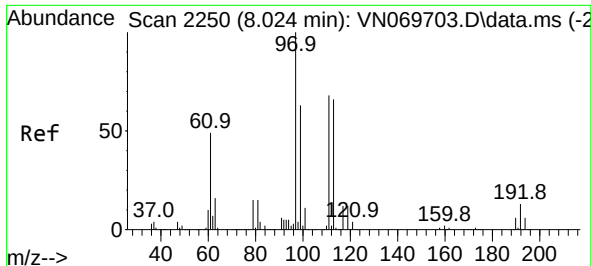
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

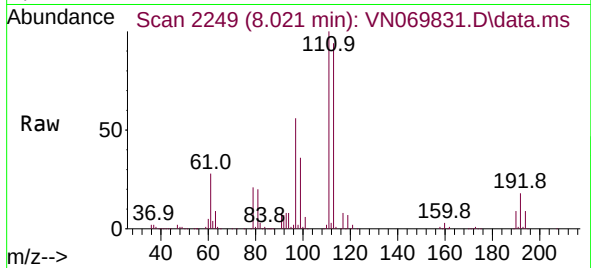
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.775 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

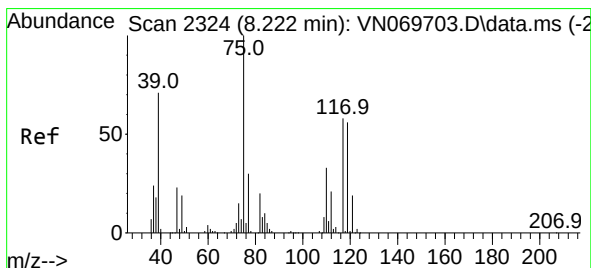
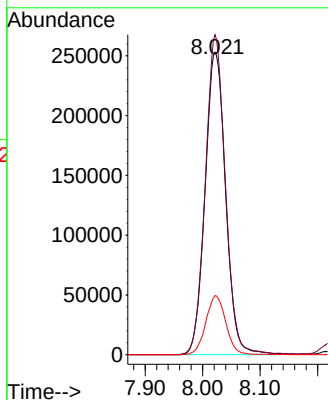
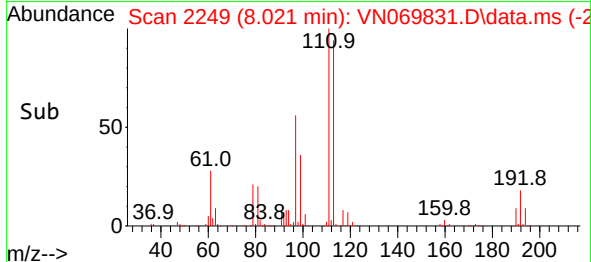
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 113 Resp: 62885
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.9 16.9 25.3

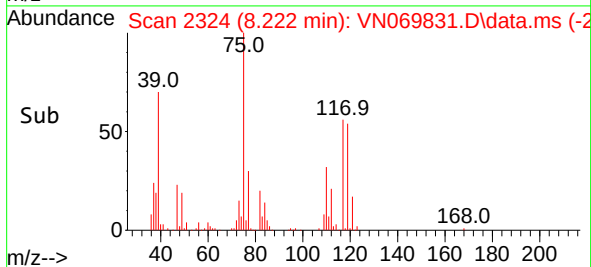
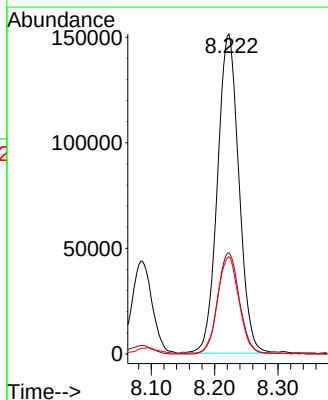
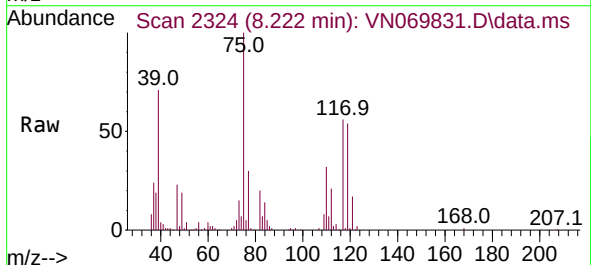
Manual Integrations
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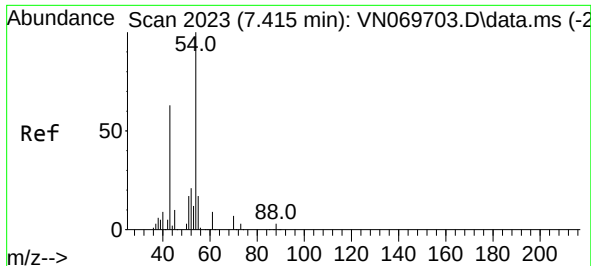
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#36
1,1-Dichloropropene
Concen: 19.614 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 75 Resp: 355208
Ion Ratio Lower Upper
75 100
110 32.0 18.4 55.2
77 30.2 24.4 36.6





#37

Ethyl Acetate

Concen: 17.305 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 43 Resp: 46643

Ion Ratio Lower Upper

43 100

61 12.1 11.5 17.3

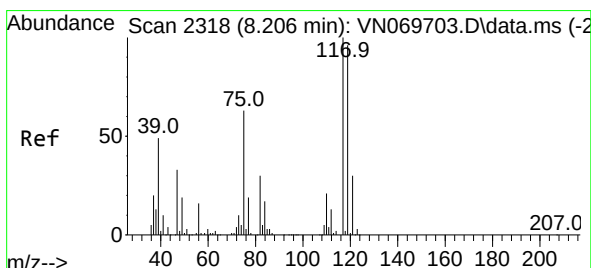
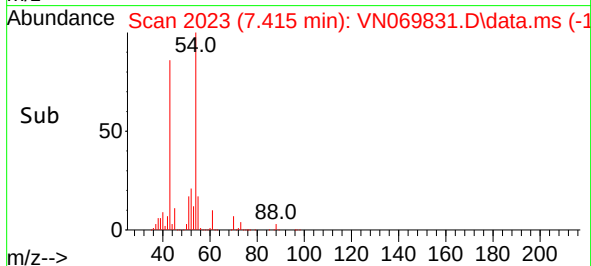
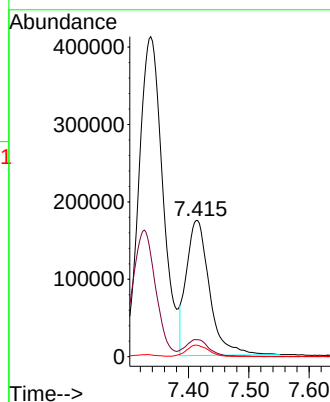
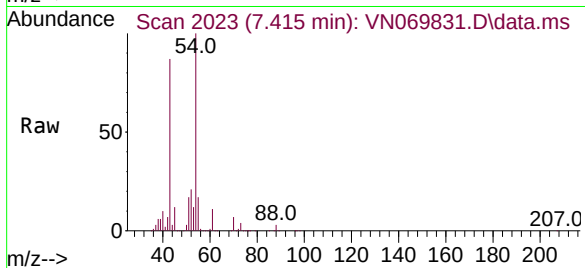
70 7.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#38

Carbon Tetrachloride

Concen: 19.298 ug/l

RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

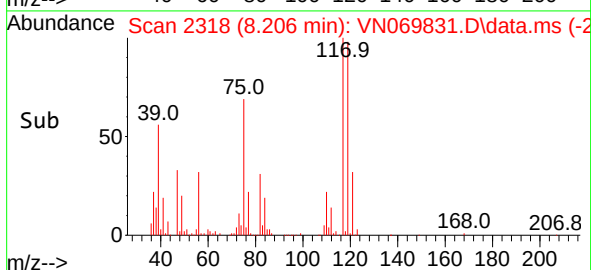
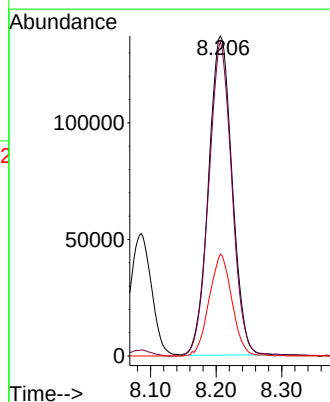
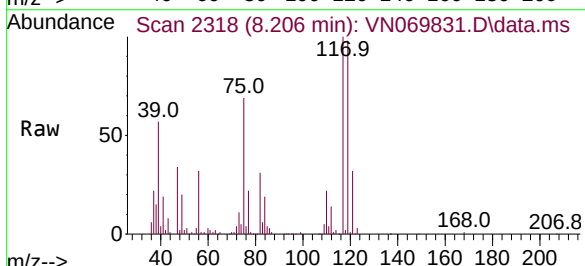
Tgt Ion:117 Resp: 342701

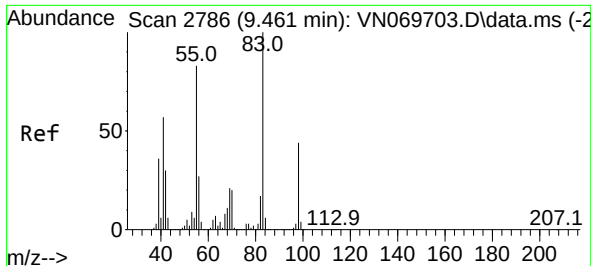
Ion Ratio Lower Upper

117 100

119 98.7 76.1 114.1

121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.004 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 83 Resp: 40936

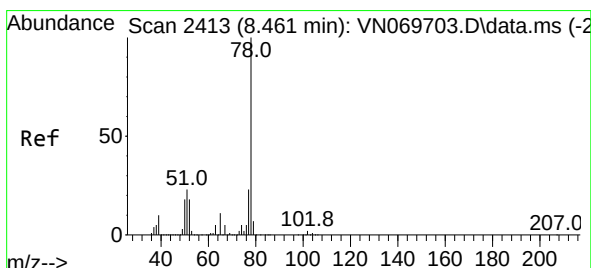
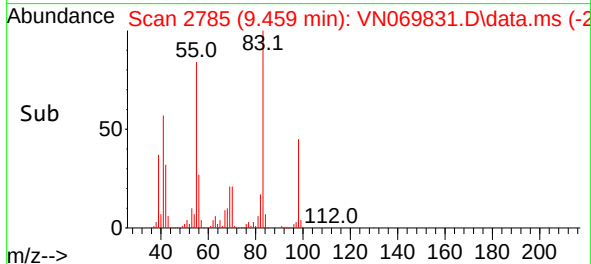
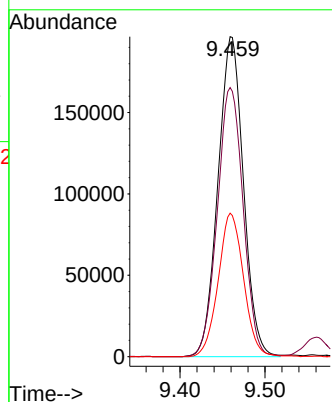
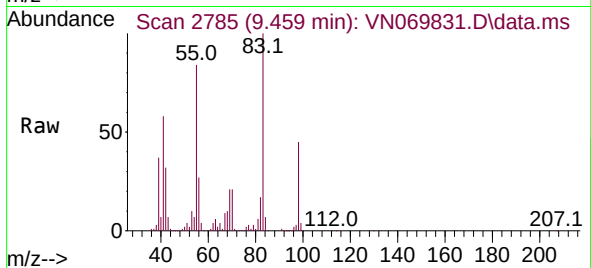
Ion	Ratio	Lower	Upper
83	100		
55	84.1	58.1	87.1
98	44.9	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#40

Benzene

Concen: 19.459 ug/l

RT: 8.458 min Scan# 2412

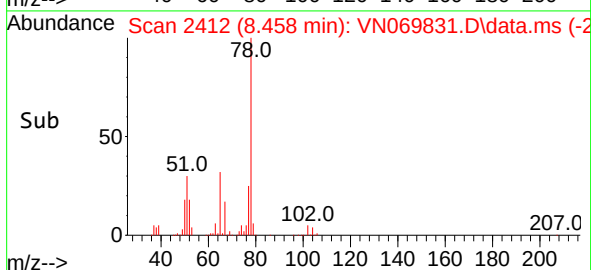
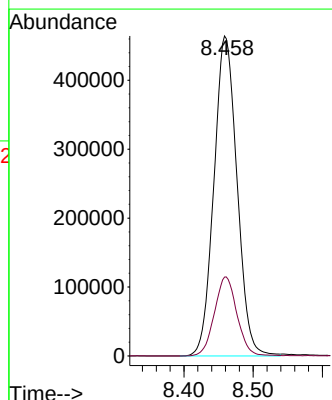
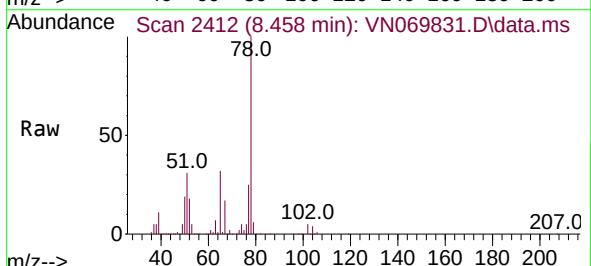
Delta R.T. -0.003 min

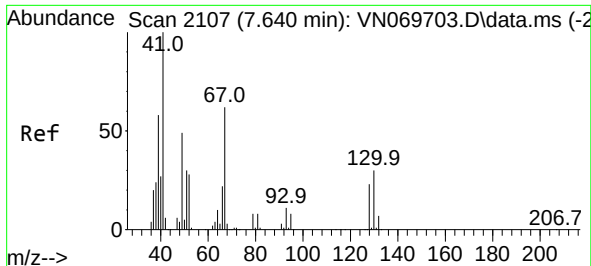
Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Tgt Ion: 78 Resp: 1077115

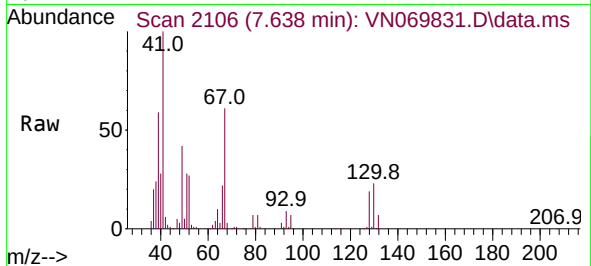
Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.6	27.8





#41
Methacrylonitrile
Concen: 19.024 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

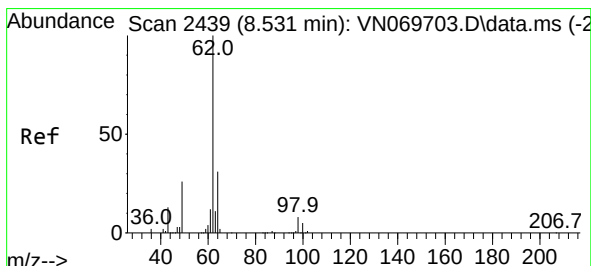
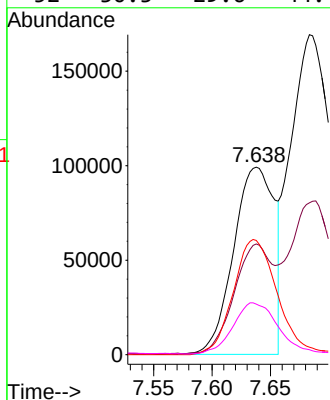
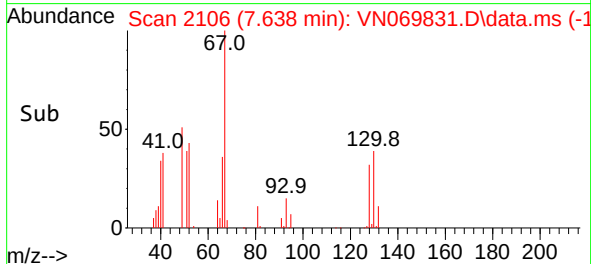
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 41 Resp: 240711
Ion Ratio Lower Upper
41 100
39 53.6 48.1 72.1
67 67.2 68.3 102.5
52 30.3 29.6 44.4

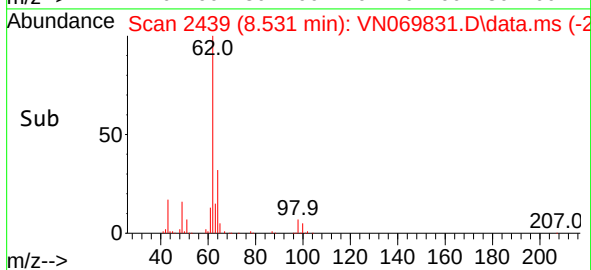
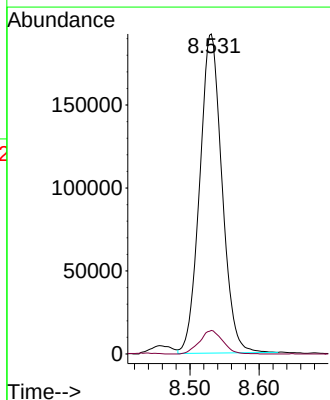
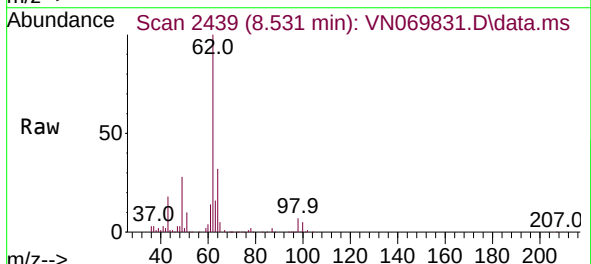
Manual Integrations
APPROVED

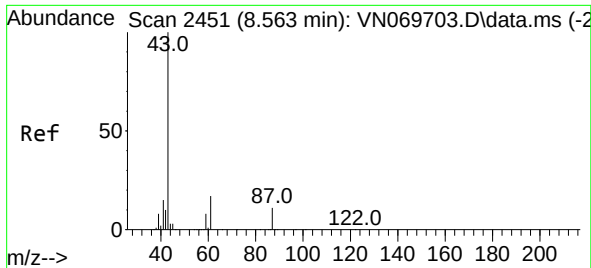
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#42
1,2-Dichloroethane
Concen: 19.263 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 62 Resp: 430445
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





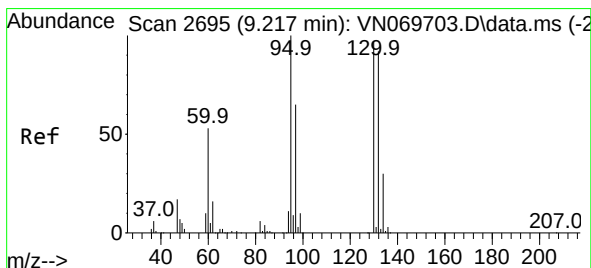
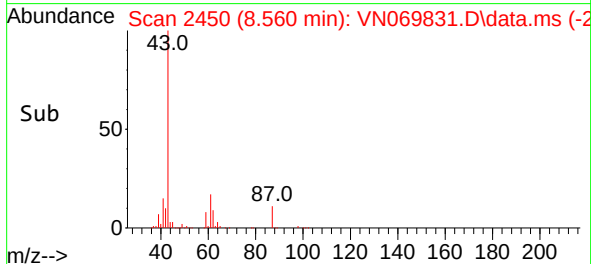
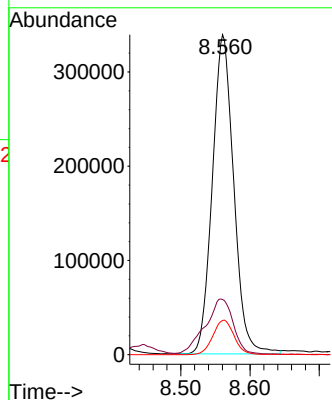
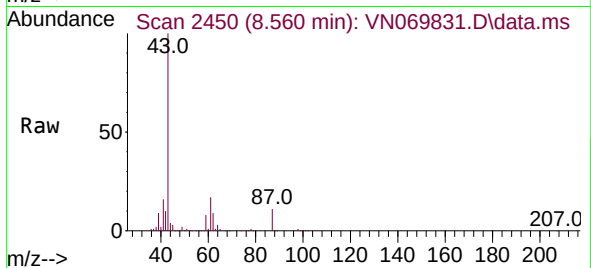
#43
Isopropyl Acetate
Concen: 18.243 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion: 43 Resp: 727659
Ion Ratio Lower Upper
43 100
61 22.7 20.4 30.6
87 10.7 11.2 16.8

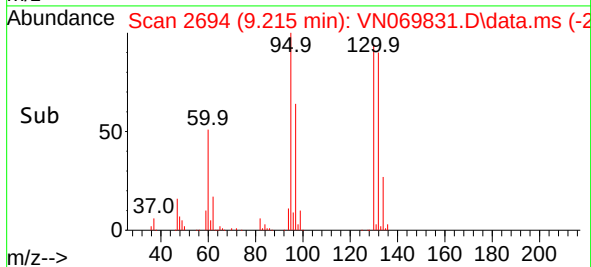
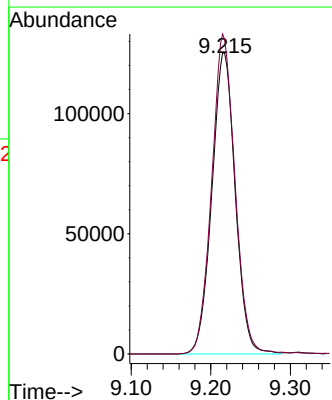
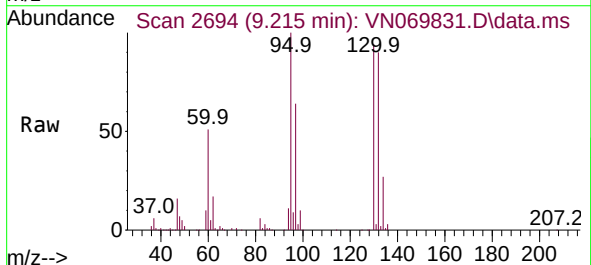
Manual Integrations
APPROVED

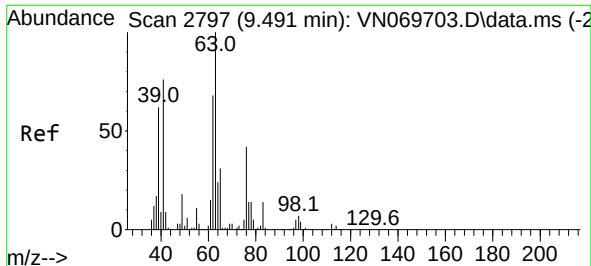
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 19.321 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion:130 Resp: 255264
Ion Ratio Lower Upper
130 100
95 106.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.378 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 63 Resp: 28805

Ion Ratio Lower Upper

63 100

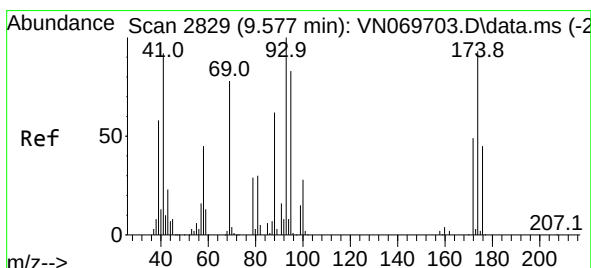
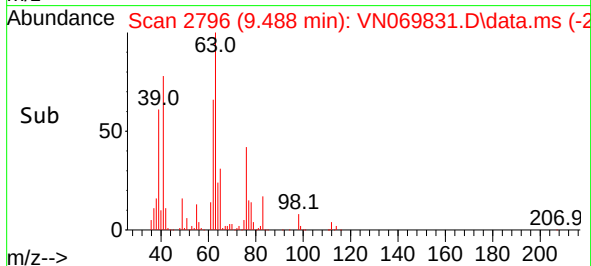
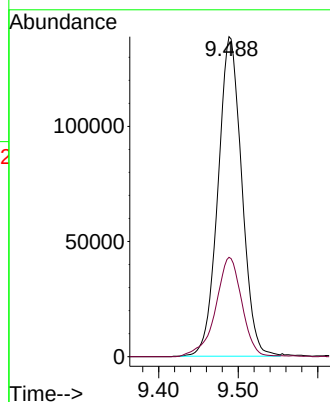
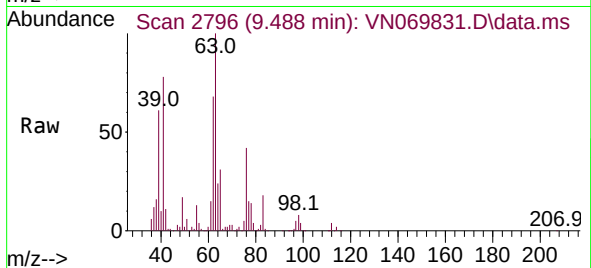
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 19.406 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

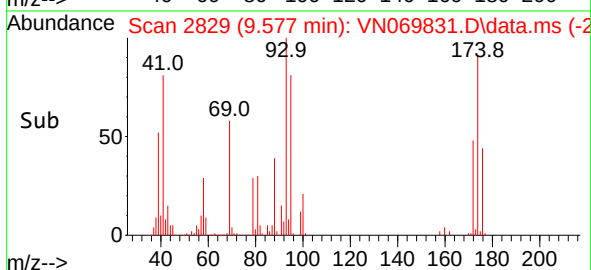
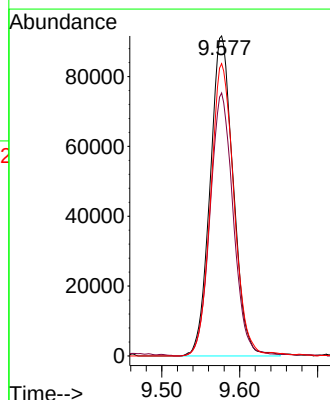
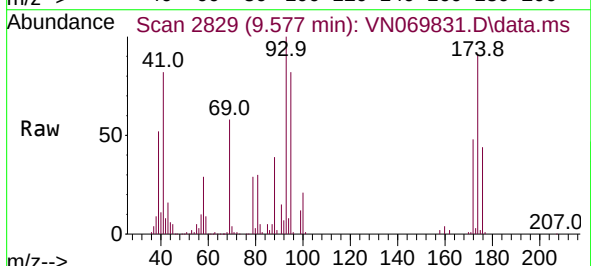
Tgt Ion: 93 Resp: 189186

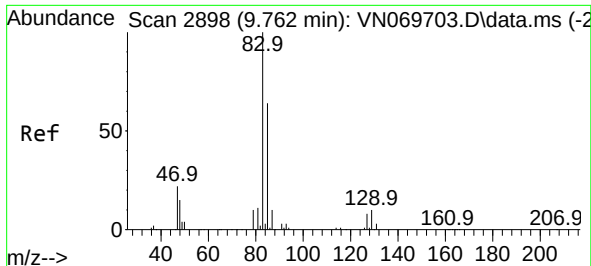
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

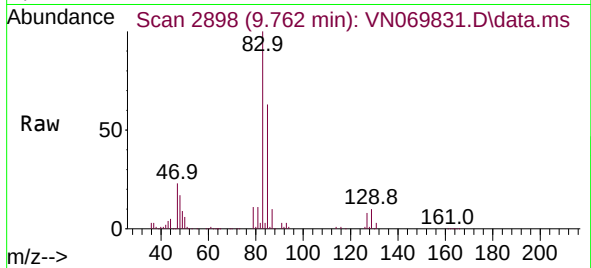
174 91.7 84.6 127.0





#47
Bromodichloromethane
Concen: 19.641 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

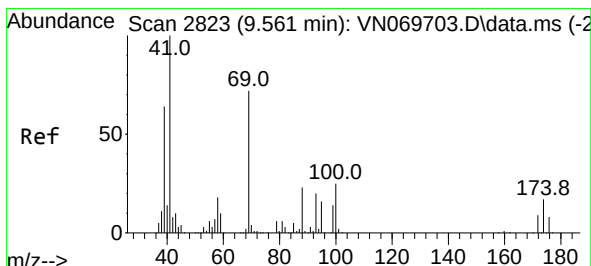
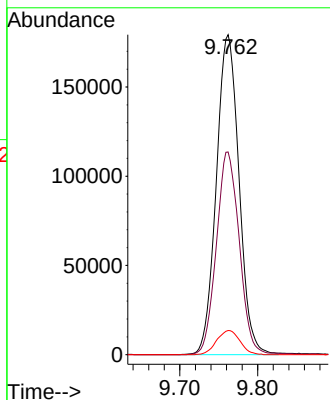
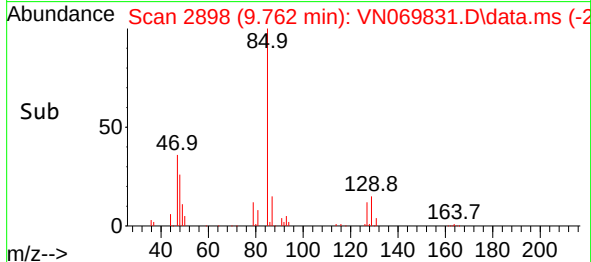
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 83 Resp: 362518
Ion Ratio Lower Upper
83 100
85 63.4 50.9 76.3
127 7.6 7.1 10.7

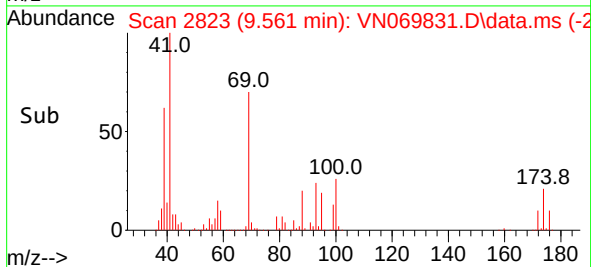
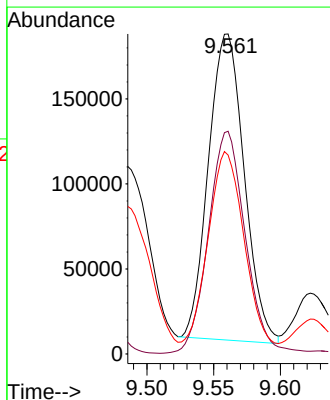
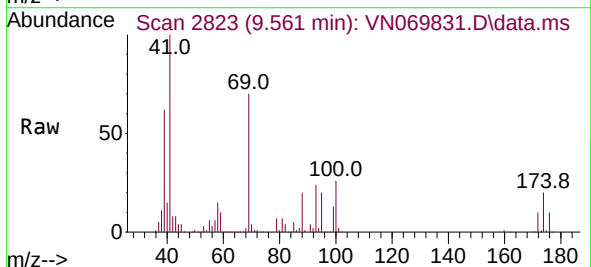
Manual Integrations
APPROVED

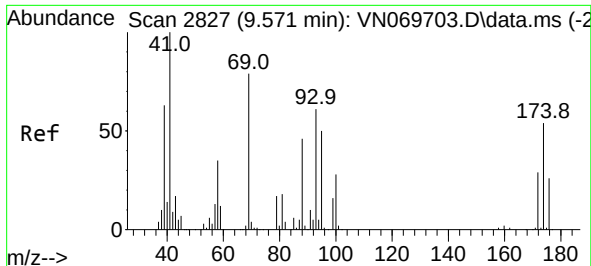
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#48
Methyl methacrylate
Concen: 18.047 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

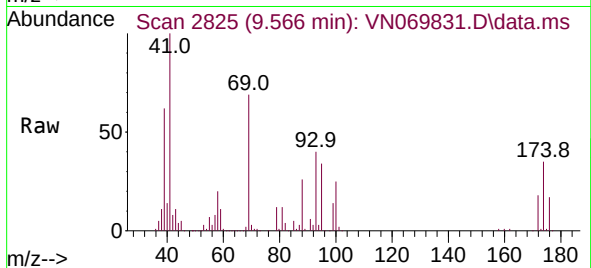
Tgt Ion: 41 Resp: 335939
Ion Ratio Lower Upper
41 100
69 74.9 72.4 108.6
39 68.0 58.4 87.6





#49
1,4-Dioxane
Concen: 288.747 ug/l
RT: 9.566 min Scan# 2827
Delta R.T. -0.005 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

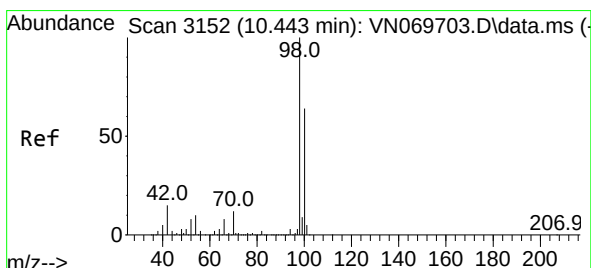
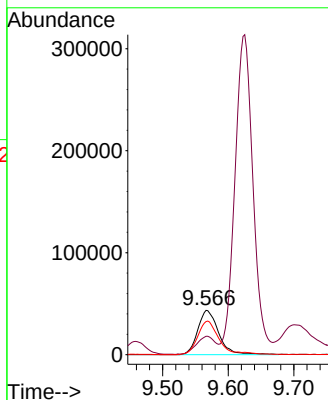
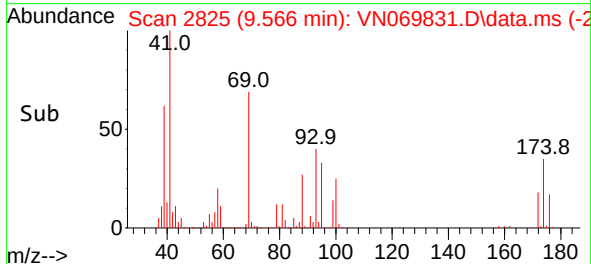
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 88 Resp: 9644
Ion Ratio Lower Upper
88 100
43 36.0 23.4 35.2
58 73.2 50.6 75.8

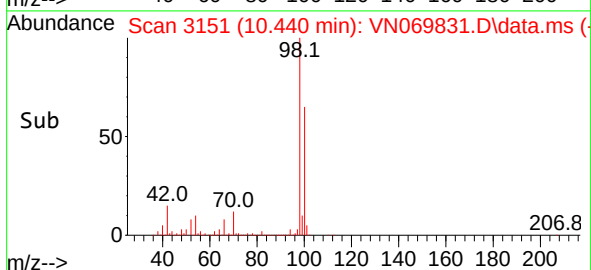
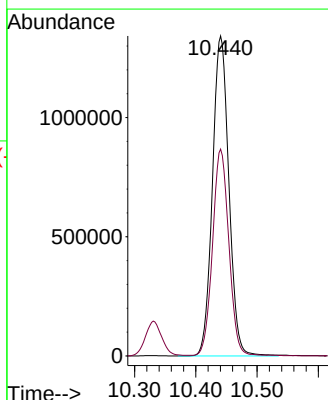
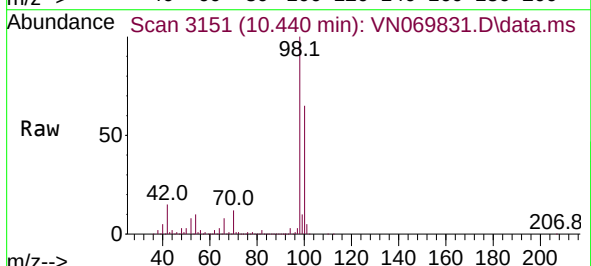
Manual Integrations
APPROVED

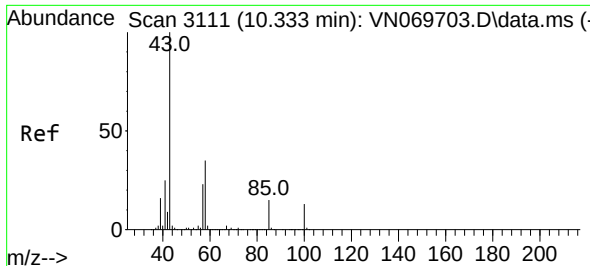
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#50
Toluene-d8
Concen: 52.121 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 98 Resp: 2493776
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





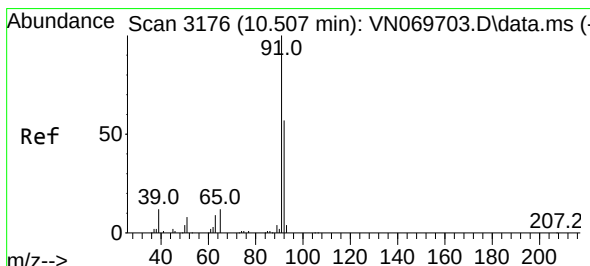
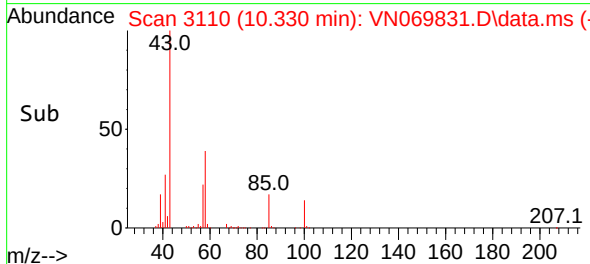
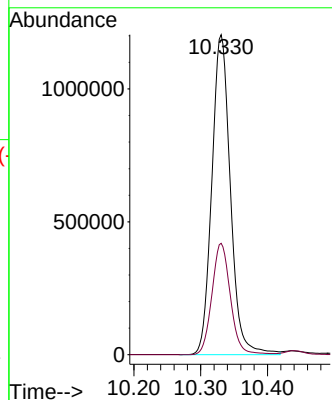
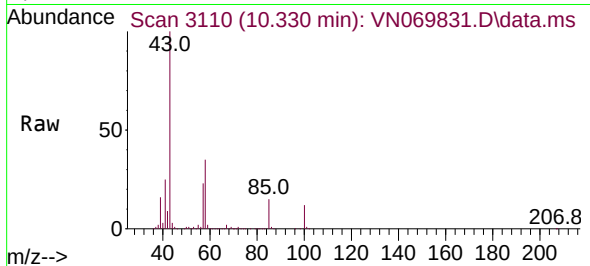
#51
4-Methyl-2-Pentanone
Concen: 89.882 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion: 43 Resp: 232578
Ion Ratio Lower Upper
43 100
58 34.7 30.4 45.6

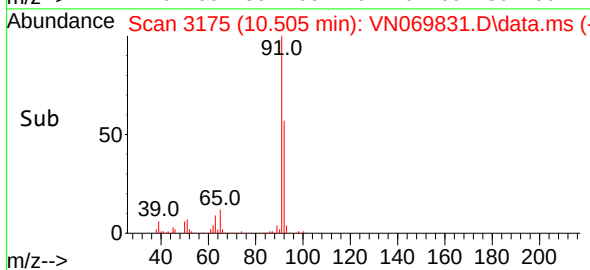
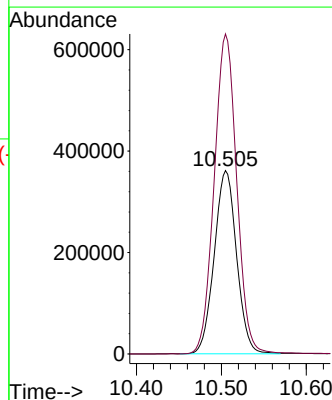
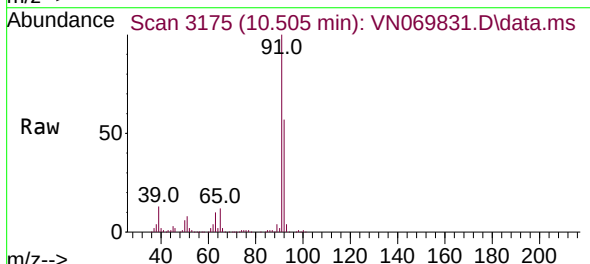
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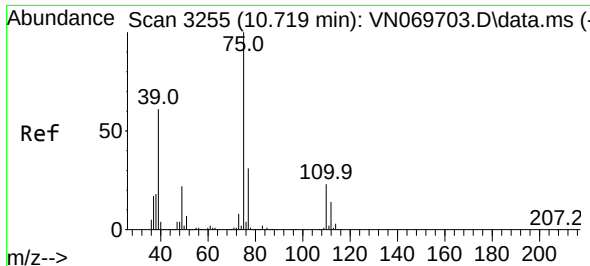
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#52
Toluene
Concen: 19.531 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

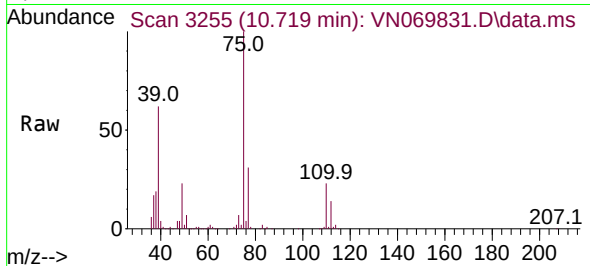
Tgt Ion: 92 Resp: 660023
Ion Ratio Lower Upper
92 100
91 176.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.330 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

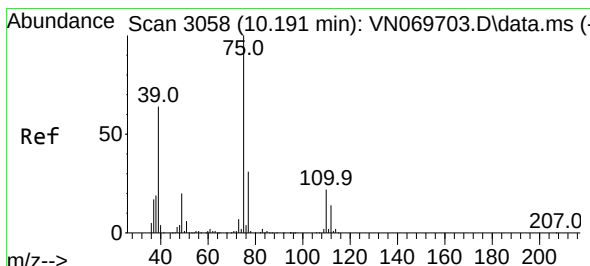
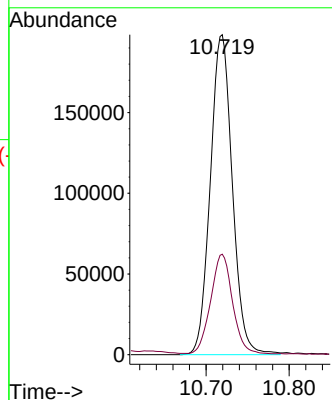
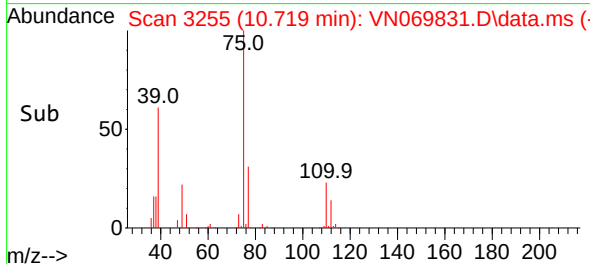
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



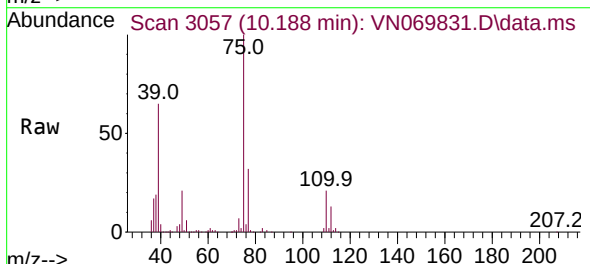
Tgt Ion: 75 Resp: 365352
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

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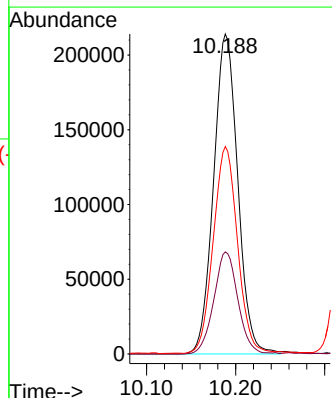
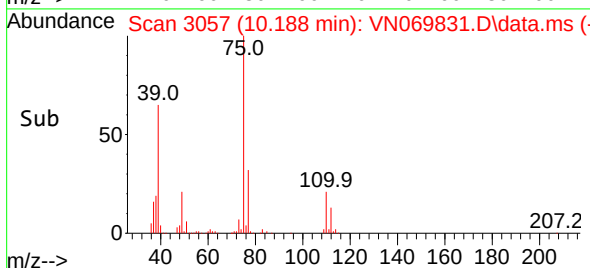
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

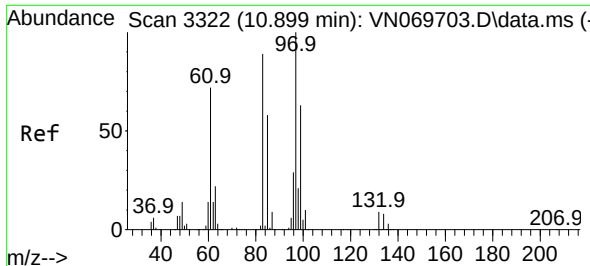


#54
cis-1,3-Dichloropropene
Concen: 18.651 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



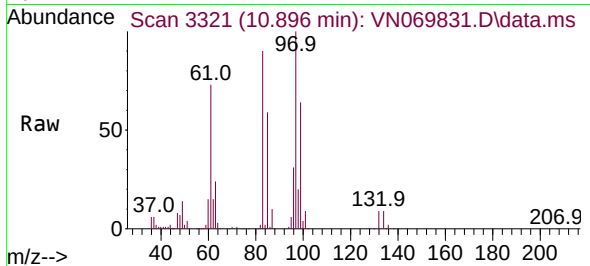
Tgt Ion: 75 Resp: 404199
Ion Ratio Lower Upper
75 100
77 31.9 26.4 39.6
39 64.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.179 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

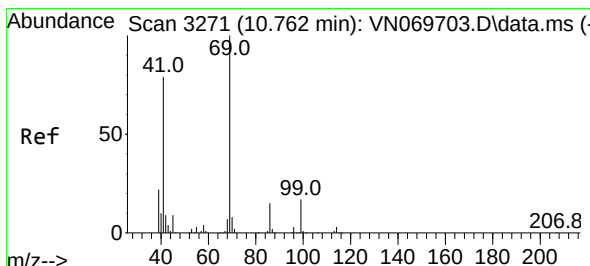
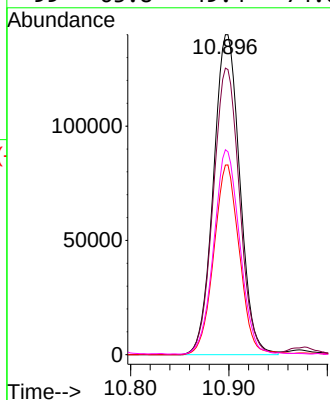
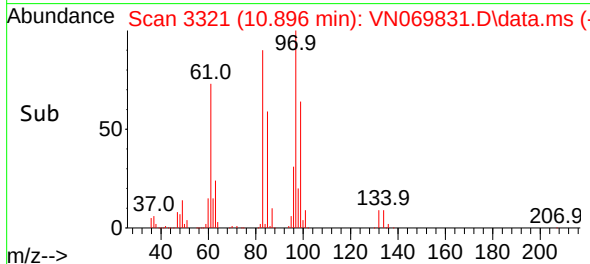
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



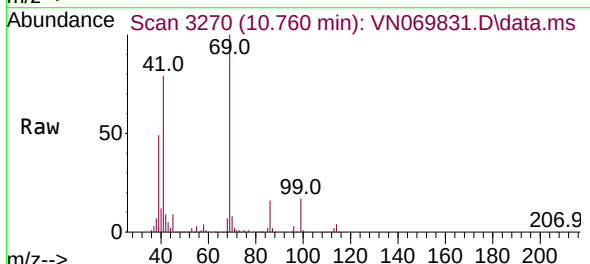
Tgt Ion: 97 Resp: 26150
Ion Ratio Lower Upper
97 100
83 89.6 67.8 101.6
85 59.3 45.4 68.2
99 63.8 49.4 74.0

Manual Integrations
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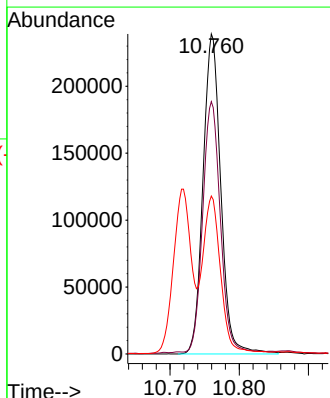
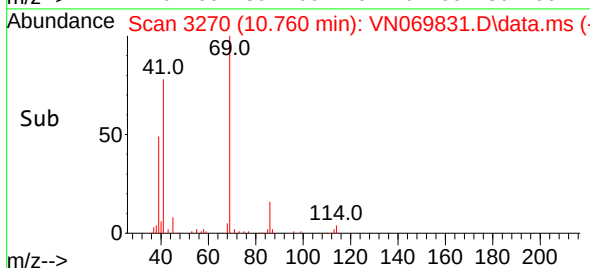
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

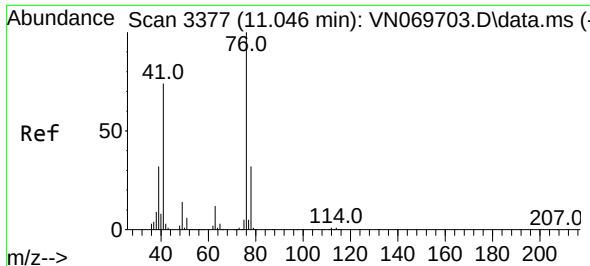


#56
Ethyl methacrylate
Concen: 18.093 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



Tgt Ion: 69 Resp: 426284
Ion Ratio Lower Upper
69 100
41 77.3 51.4 77.0#
39 46.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.528 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 76 Resp: 468840

Ion Ratio Lower Upper

76 100

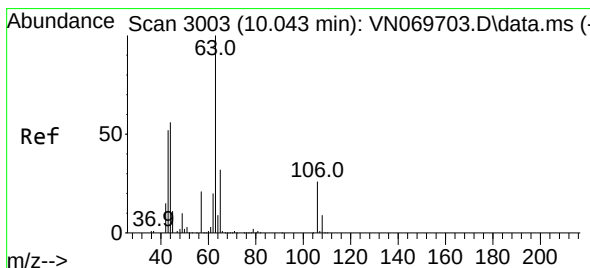
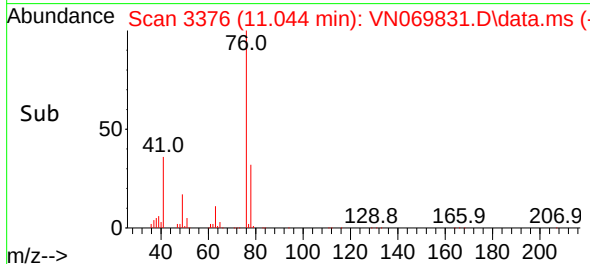
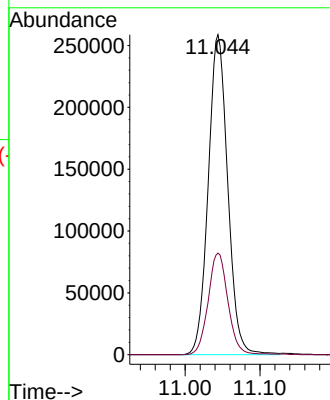
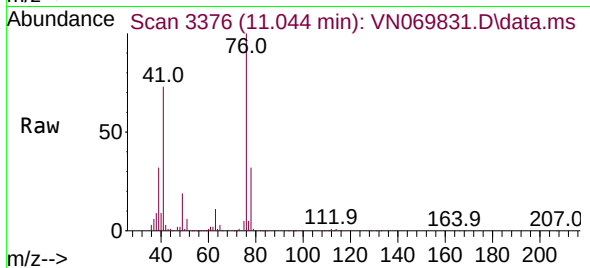
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#58

2-Chloroethyl Vinyl ether

Concen: 70.100 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069831.D

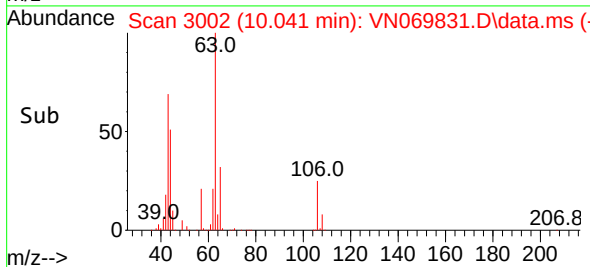
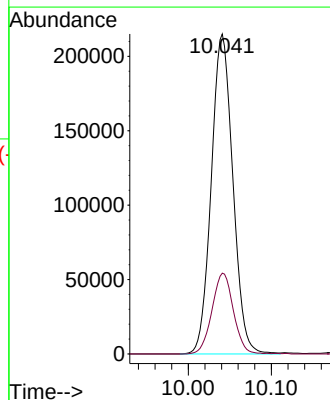
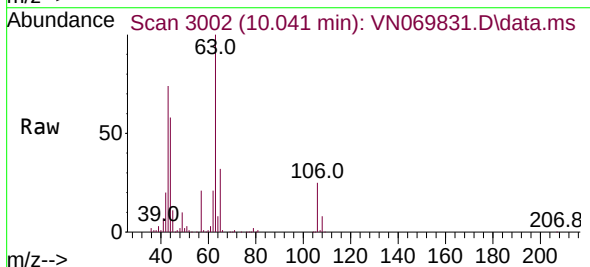
Acq: 7 Dec 2021 23:27

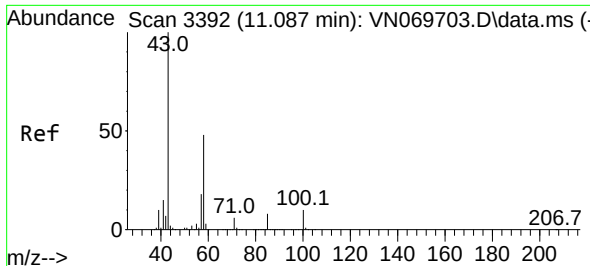
Tgt Ion: 63 Resp: 387797

Ion Ratio Lower Upper

63 100

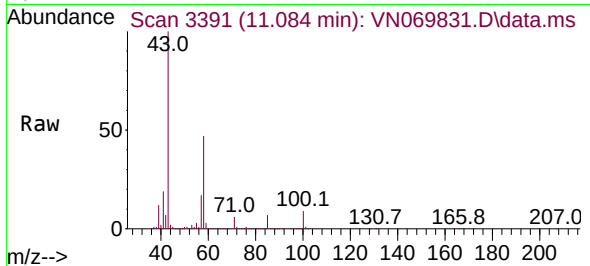
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 80.582 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

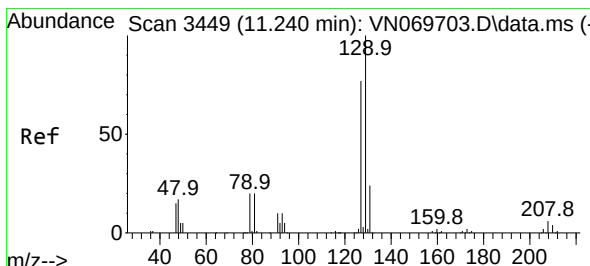
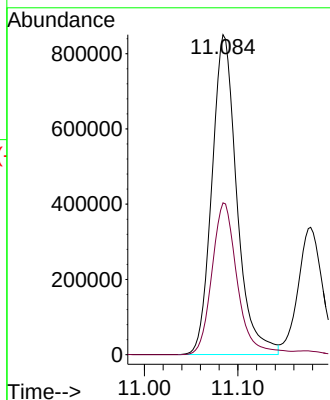
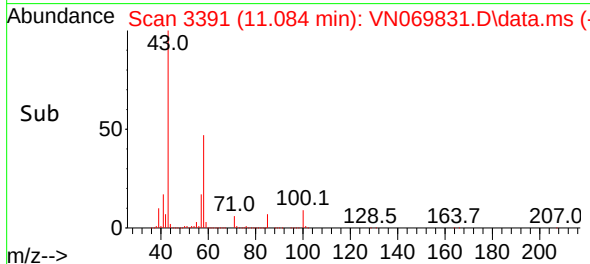
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 43 Resp: 1577334
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

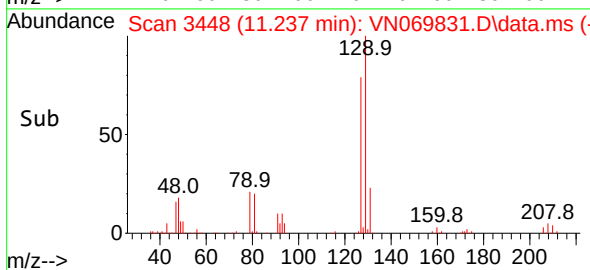
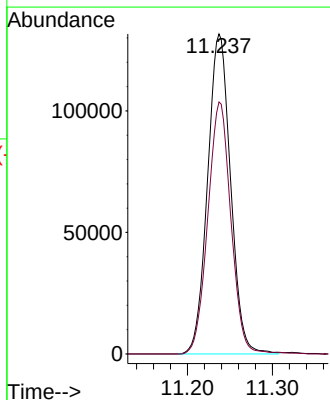
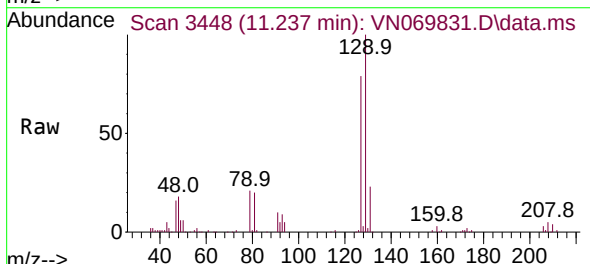
Manual Integrations
APPROVED

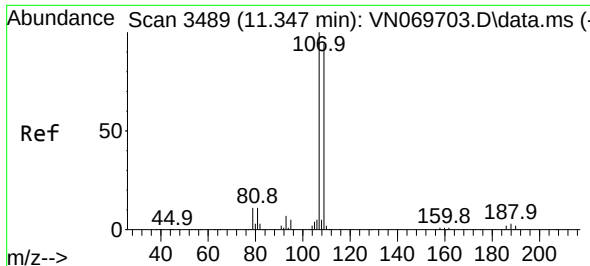
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#60
Dibromochloromethane
Concen: 18.493 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

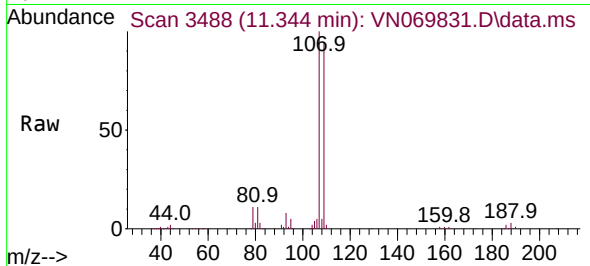
Tgt Ion:129 Resp: 247212
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.570 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

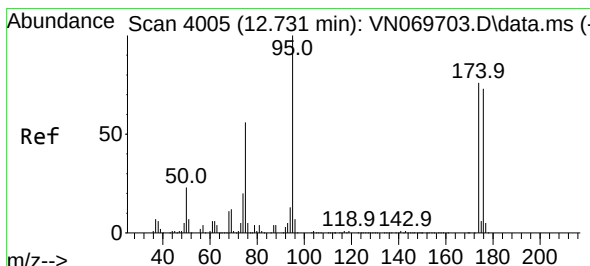
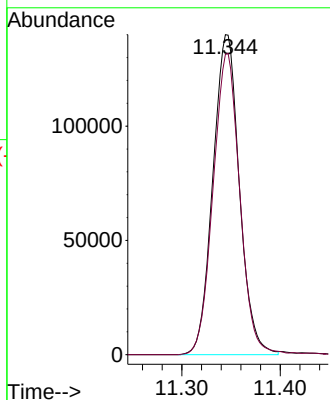
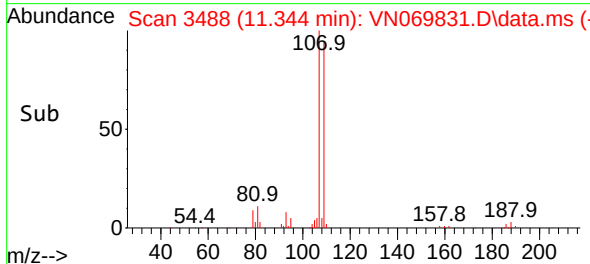
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion:107 Resp: 26227
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5

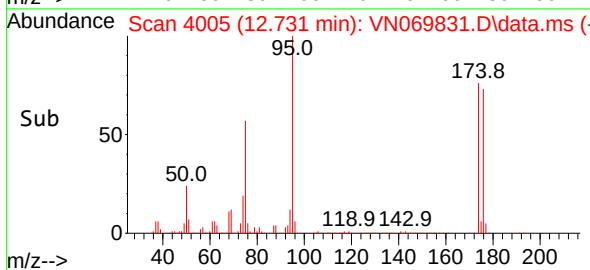
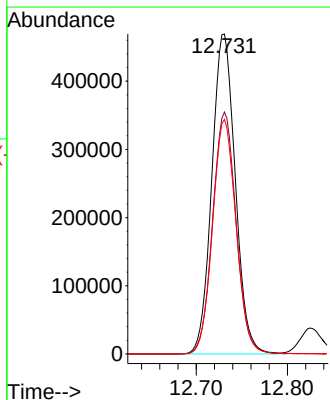
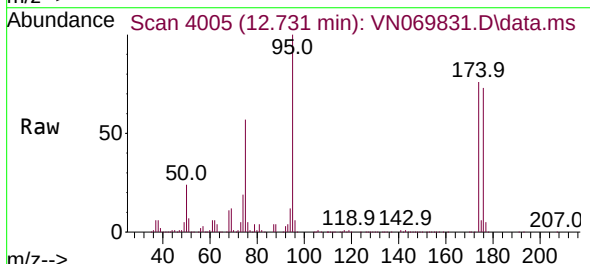
Manual Integrations
APPROVED

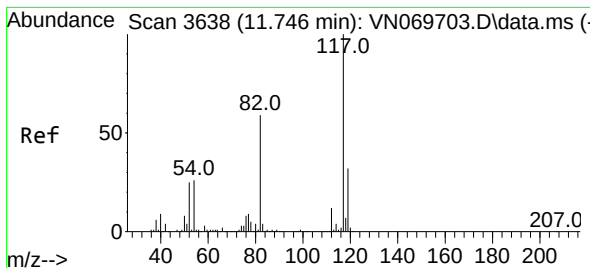
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#62
4-Bromofluorobenzene
Concen: 48.326 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 95 Resp: 837648
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.4 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069831.D

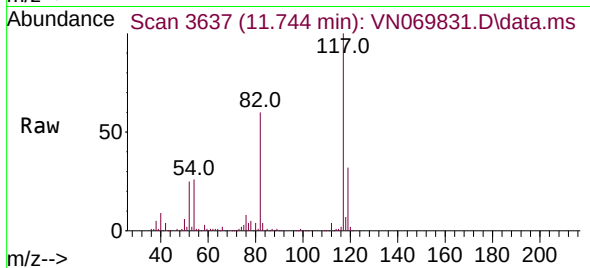
Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02



Tgt Ion:117 Resp: 1718629

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

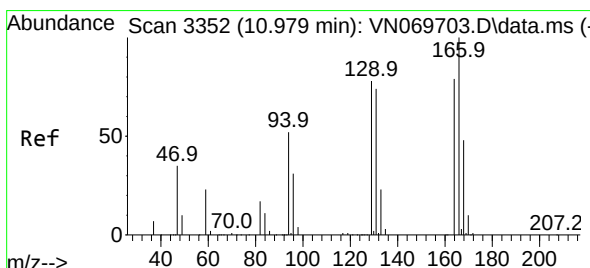
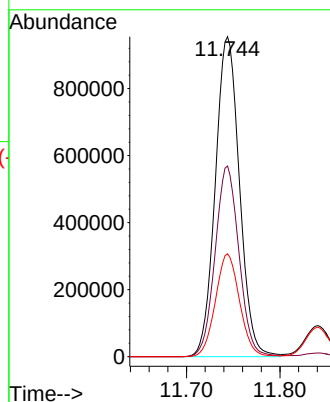
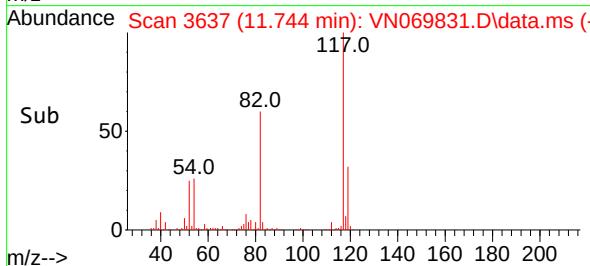
119 32.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#64

Tetrachloroethene

Concen: 20.412 ug/l

RT: 10.980 min Scan# 3352

Delta R.T. 0.001 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Tgt Ion:164 Resp: 237871

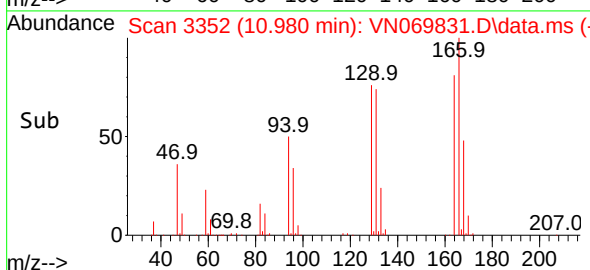
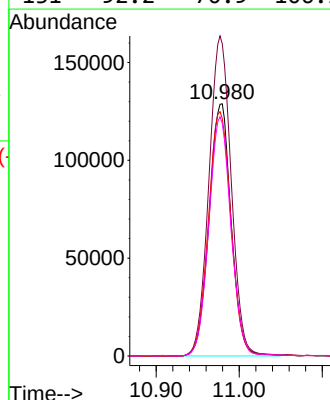
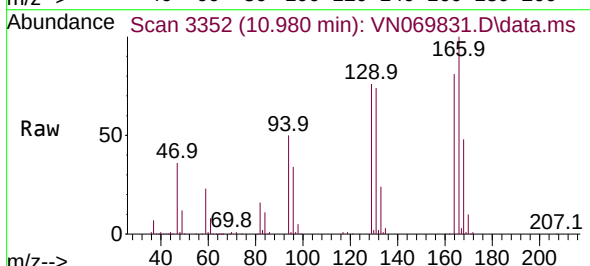
Ion Ratio Lower Upper

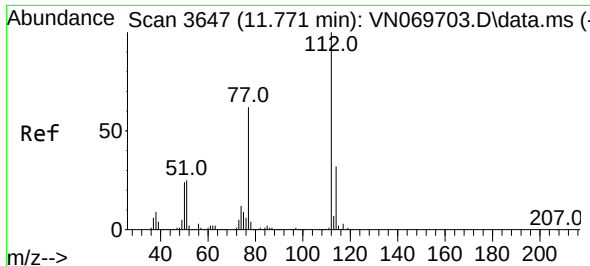
164 100

166 123.8 101.9 152.9

129 94.1 72.0 108.0

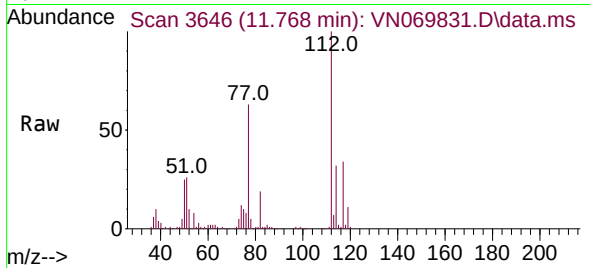
131 92.2 70.9 106.3





#65
Chlorobenzene
Concen: 19.930 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

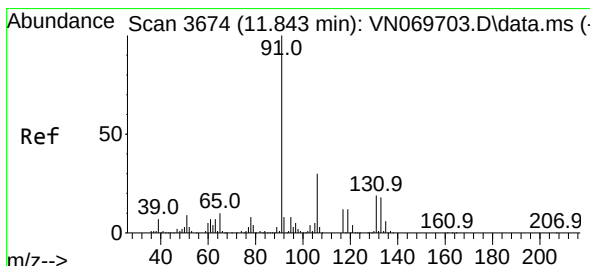
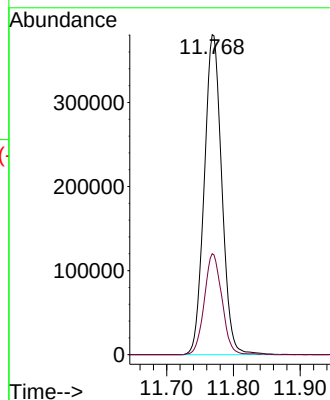
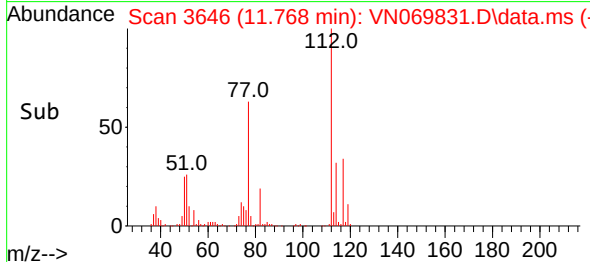
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



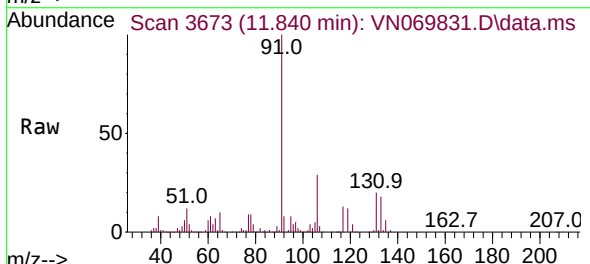
Tgt Ion:112 Resp: 694862
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

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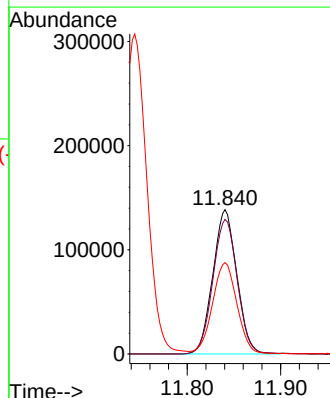
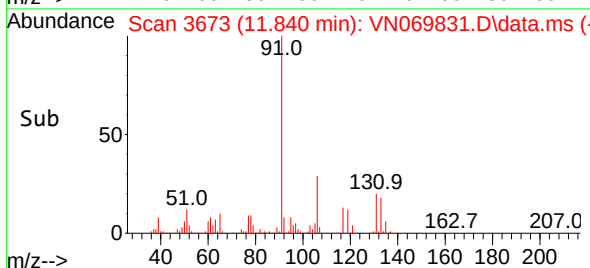
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

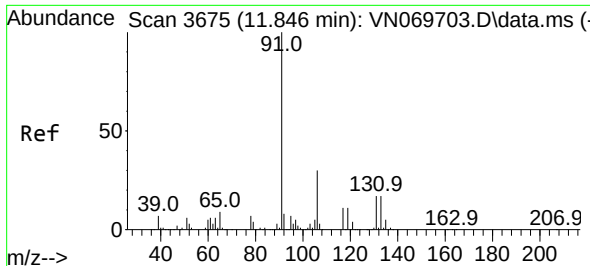


#66
1,1,1,2-Tetrachloroethane
Concen: 20.175 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



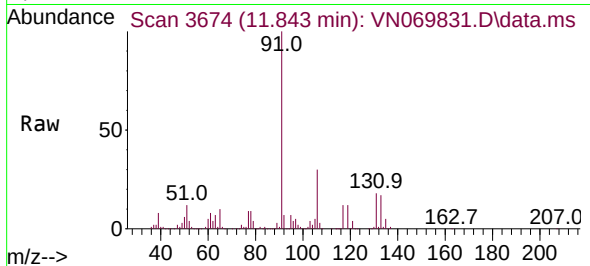
Tgt Ion:131 Resp: 247580
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 20.124 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

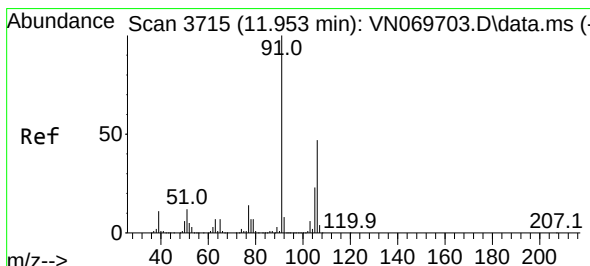
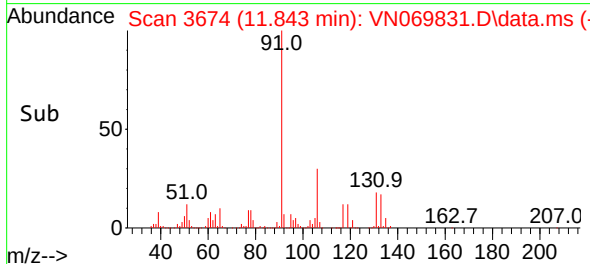
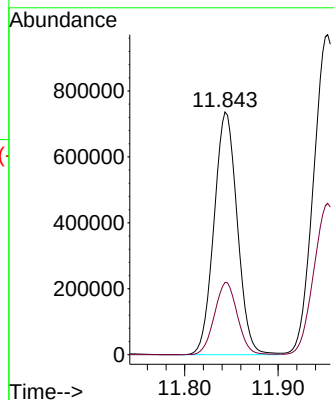
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 91 Resp: 1274498
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

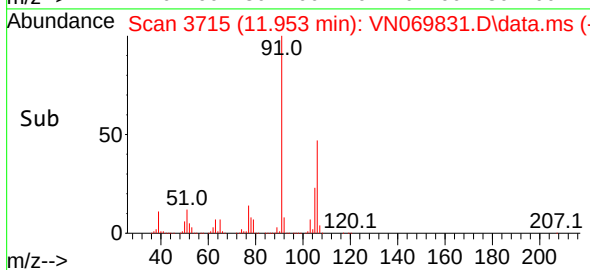
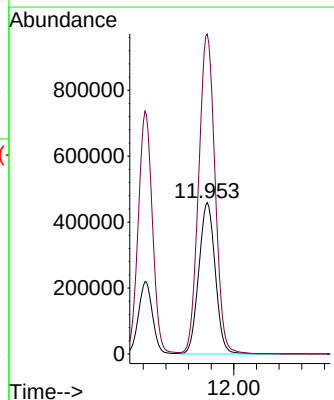
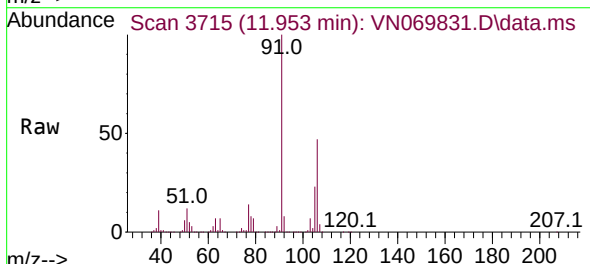
Manual Integrations
APPROVED

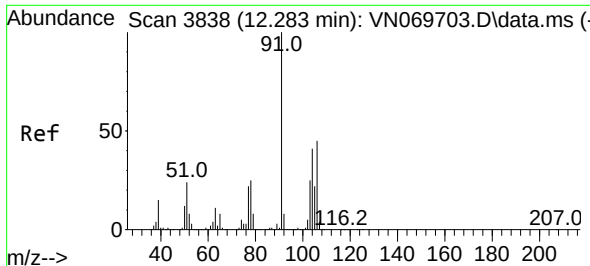
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#68
m/p-Xylenes
Concen: 40.040 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion:106 Resp: 923332
Ion Ratio Lower Upper
106 100
91 211.1 160.6 240.8





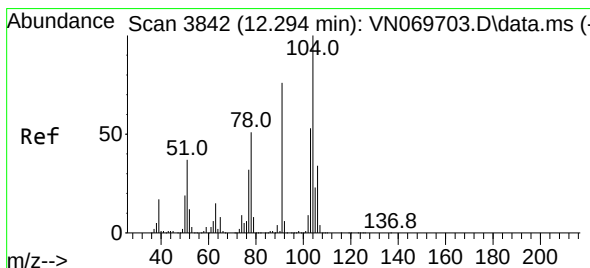
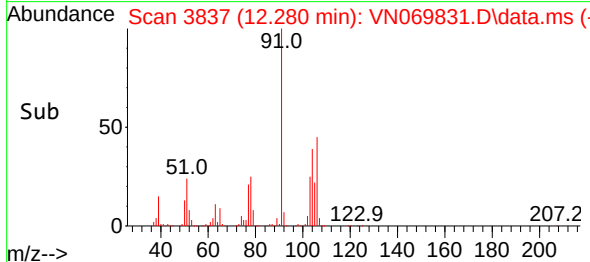
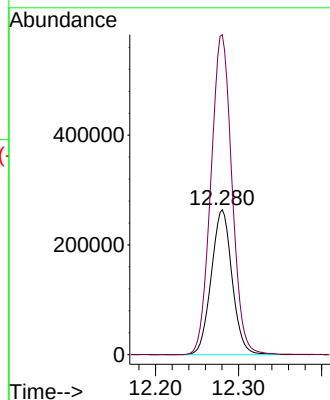
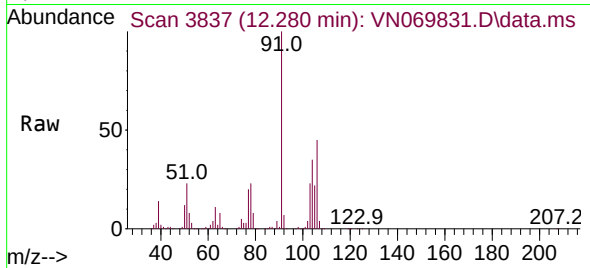
#69
o-Xylene
Concen: 19.803 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion:106 Resp: 459985
Ion Ratio Lower Upper
106 100
91 223.6 105.8 317.3

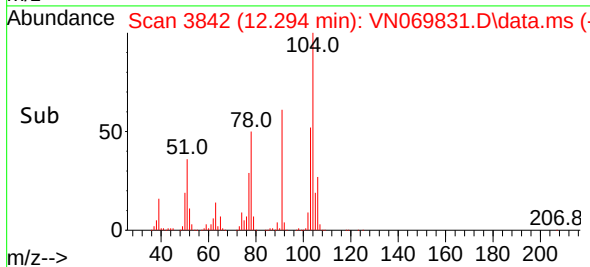
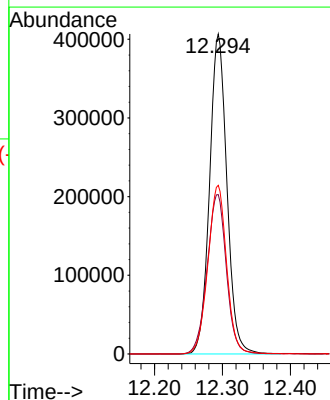
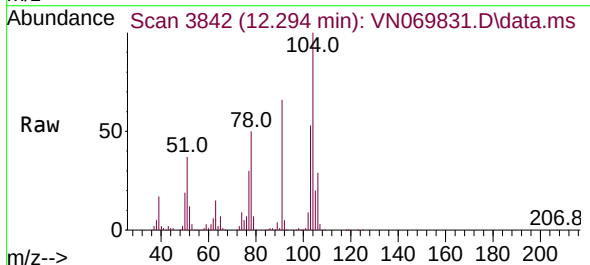
Manual Integrations
APPROVED

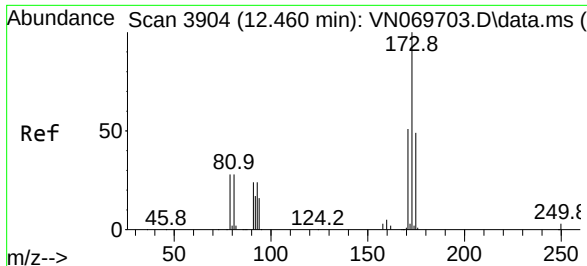
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 19.609 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

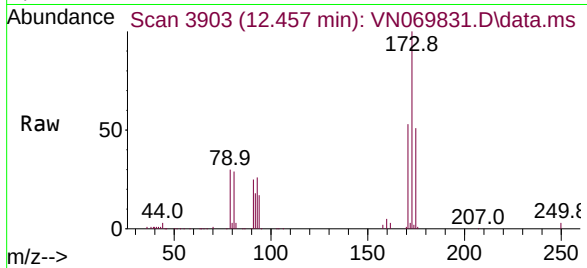
Tgt Ion:104 Resp: 722259
Ion Ratio Lower Upper
104 100
78 55.3 38.7 58.1
103 56.9 45.0 67.6





#71
Bromoform
Concen: 18.077 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

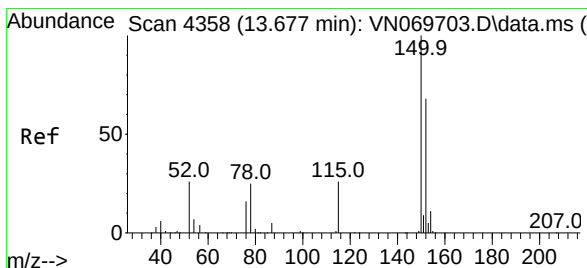
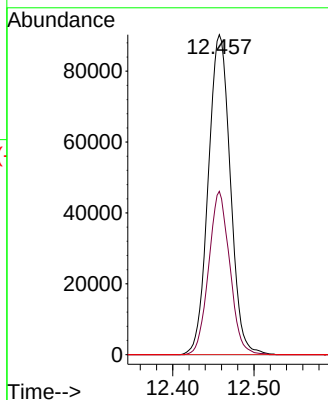
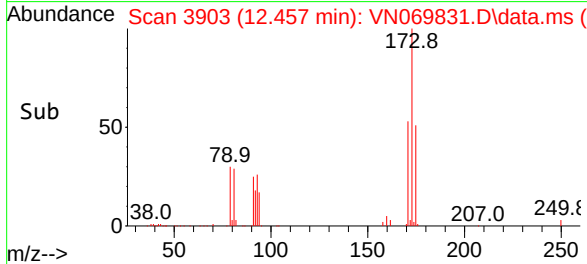
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



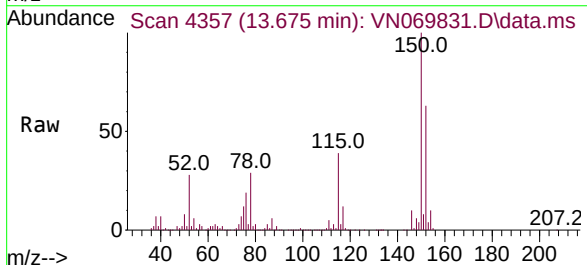
Tgt Ion:173 Resp: 170380
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

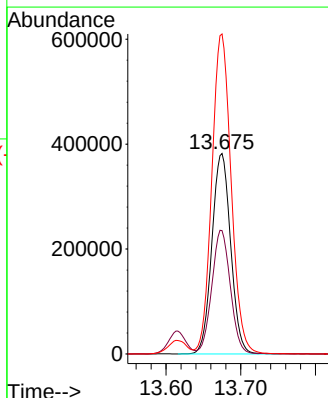
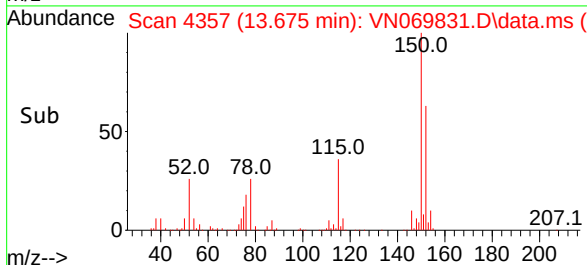
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

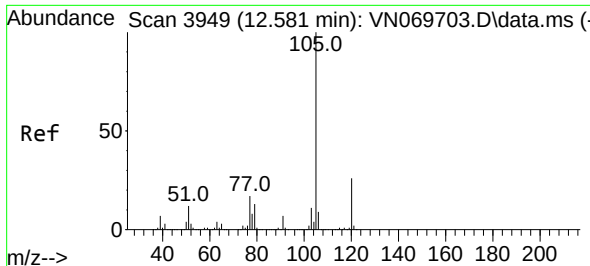


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



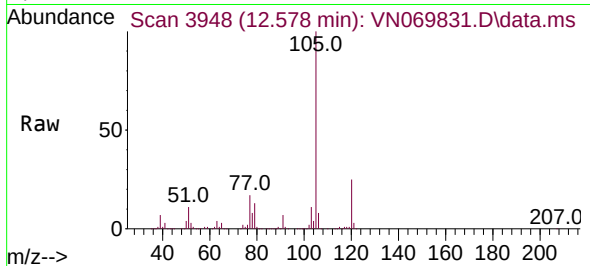
Tgt Ion:152 Resp: 665925
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 164.2 0.0 344.4





#73
Isopropylbenzene
Concen: 20.213 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

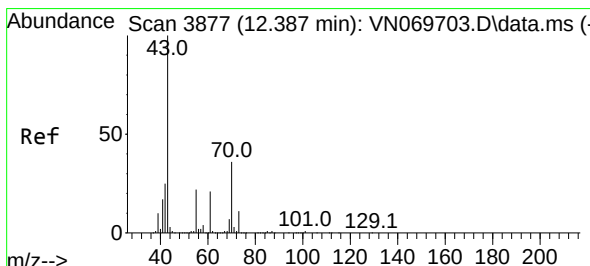
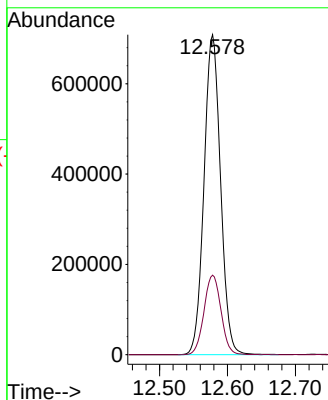
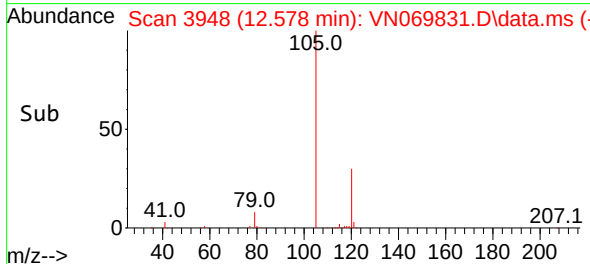
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion:105 Resp: 1197578
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

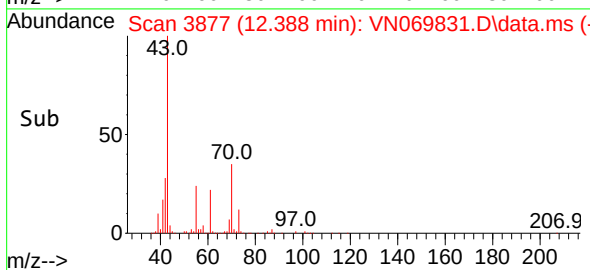
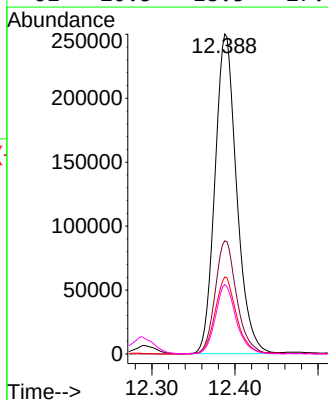
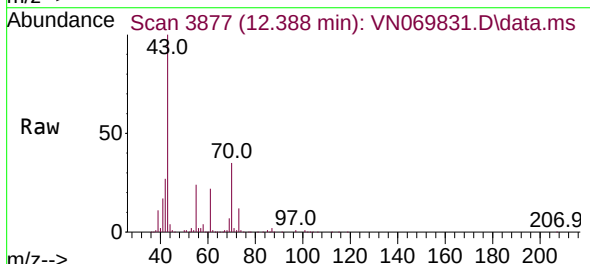
Manual Integrations
APPROVED

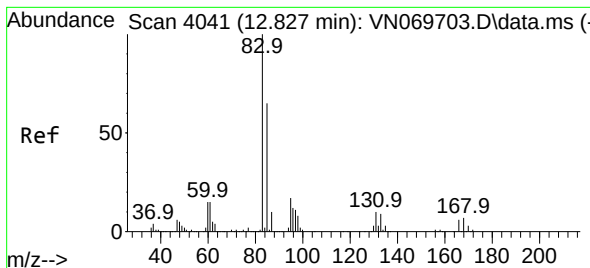
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#74
N-ethyl acetate
Concen: 17.335 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 43 Resp: 454225
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.7 19.3 28.9
61 20.5 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.124 ug/l

RT: 12.827 min Scan# 4041

Delta R.T. 0.000 min

Lab File: VN069831.D

Acq: 7 Dec 2021 23:27

Instrument :

MSVOA_N

ClientSampleId :

VN1207WBS02

Tgt Ion: 83 Resp: 391810

Ion Ratio Lower Upper

83 100

131 9.6 5.5 16.5

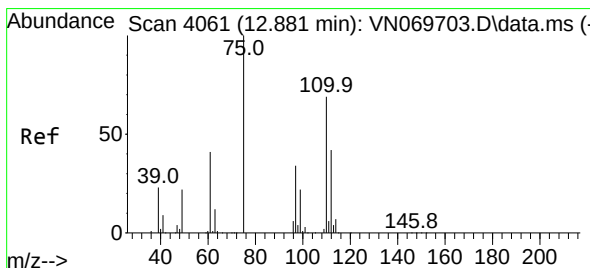
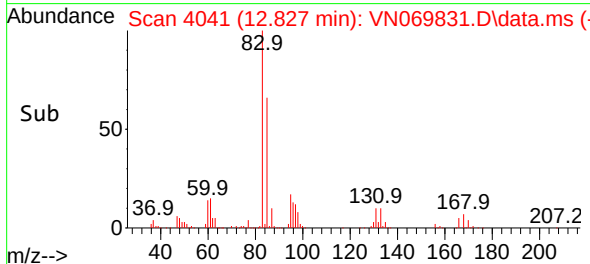
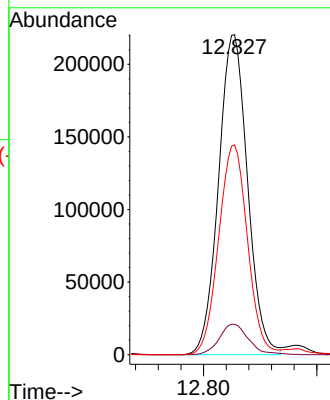
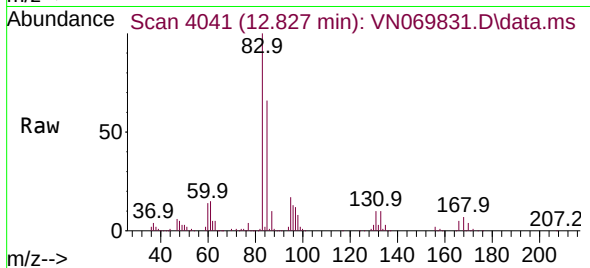
85 65.2 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Amit Patel 12/14/2021



#76

1,2,3-Trichloropropane

Concen: 18.676 ug/l m

RT: 12.878 min Scan# 4060

Delta R.T. -0.003 min

Lab File: VN069831.D

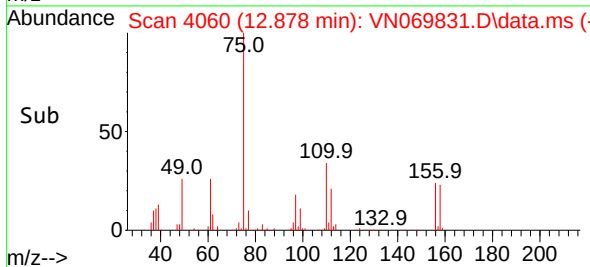
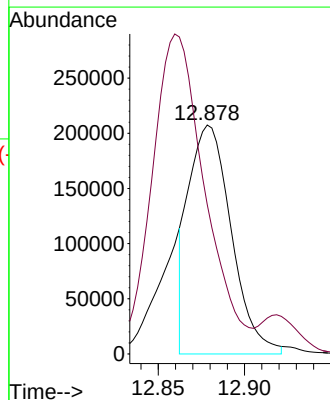
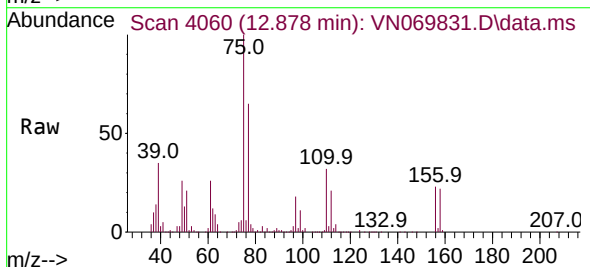
Acq: 7 Dec 2021 23:27

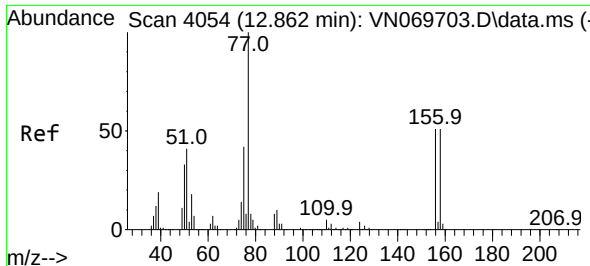
Tgt Ion: 75 Resp: 356668

Ion Ratio Lower Upper

75 100

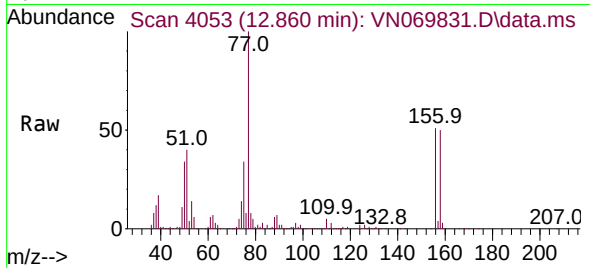
77 173.8 82.6 247.8





#77
Bromobenzene
Concen: 19.656 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

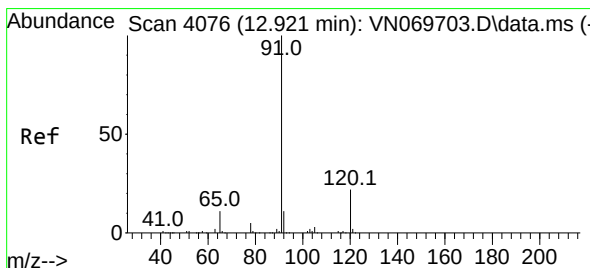
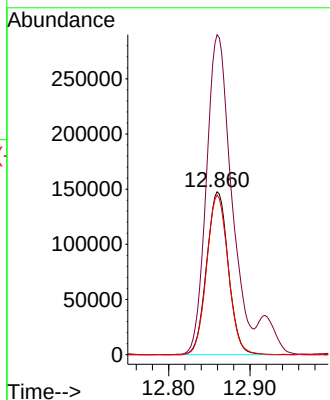
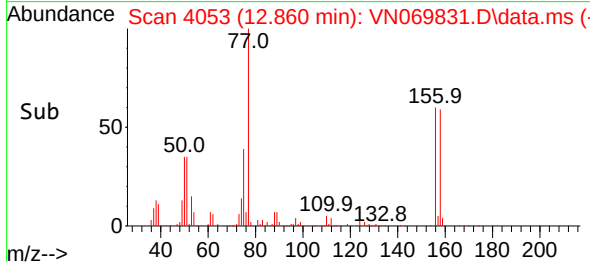
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion:156 Resp: 273548
Ion Ratio Lower Upper
156 100
77 226.6 90.6 271.8
158 97.5 48.9 146.7

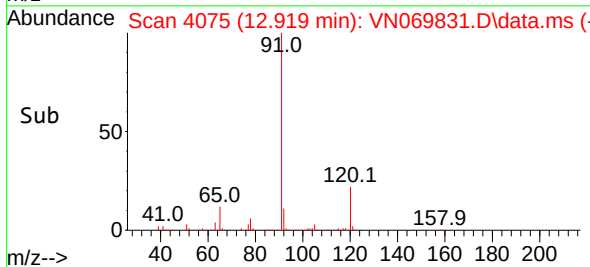
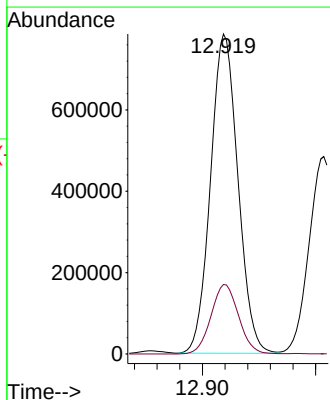
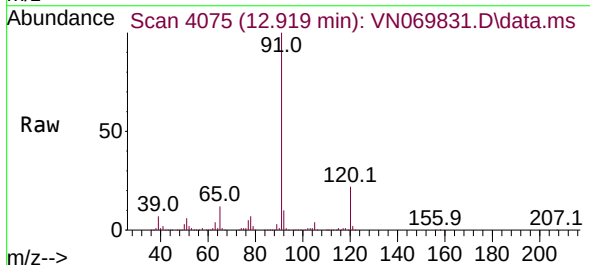
Manual Integrations
APPROVED

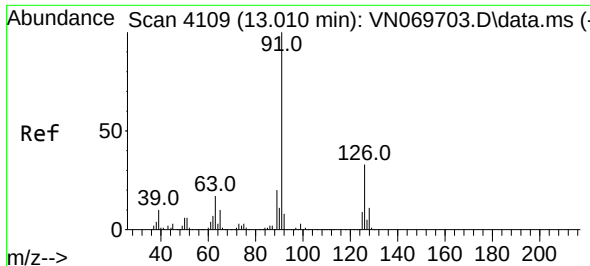
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#78
n-propylbenzene
Concen: 19.973 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion: 91 Resp: 1316829
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





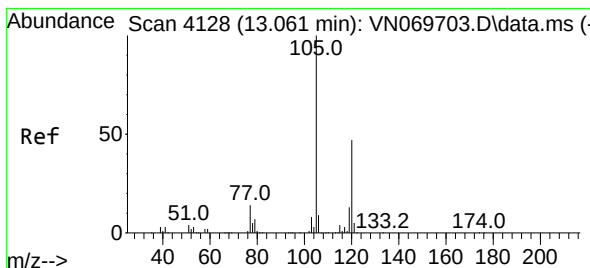
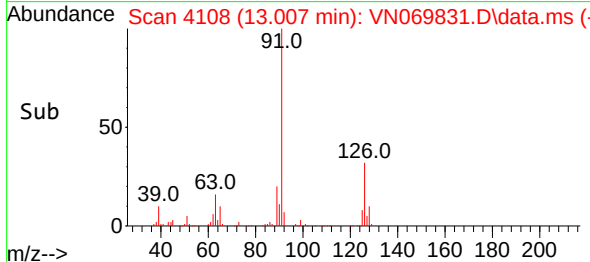
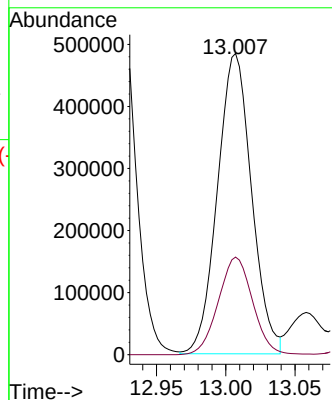
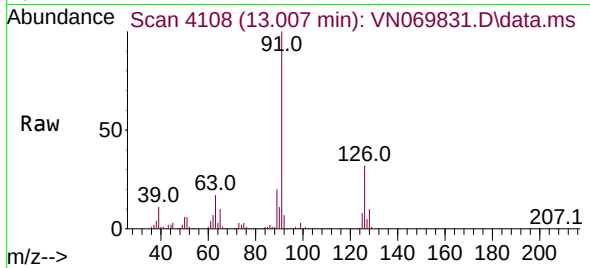
#79
2-Chlorotoluene
Concen: 19.939 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion: 91 Resp: 830630
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

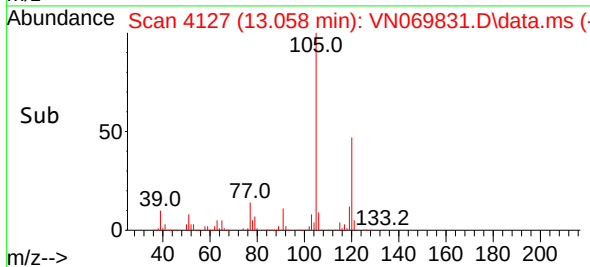
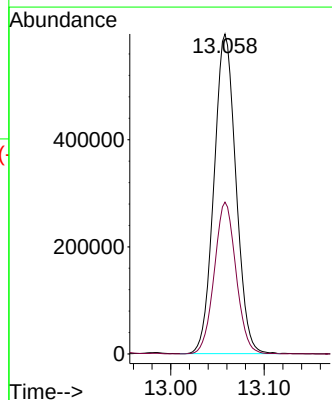
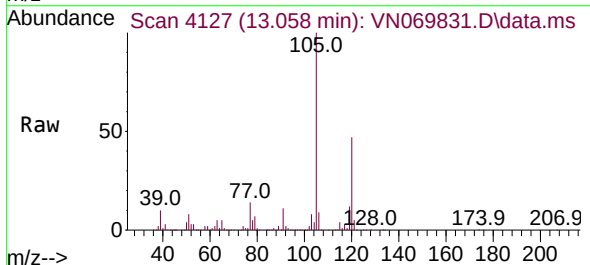
Manual Integrations
APPROVED

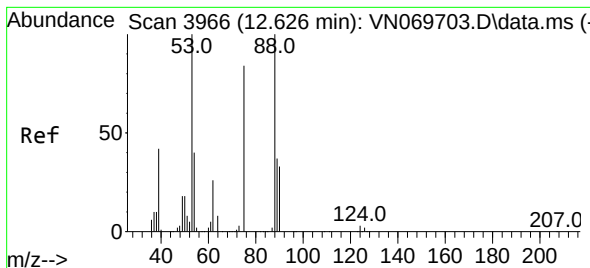
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.439 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

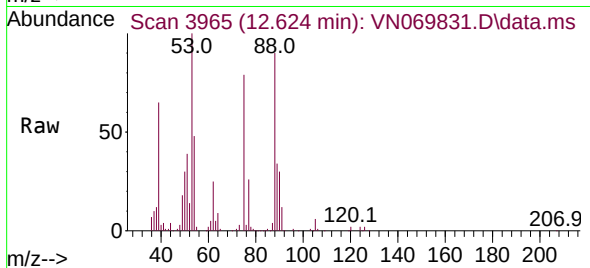
Tgt Ion:105 Resp: 974708
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.198 ug/l
RT: 12.624 min Scan# 3966
Delta R.T. -0.002 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

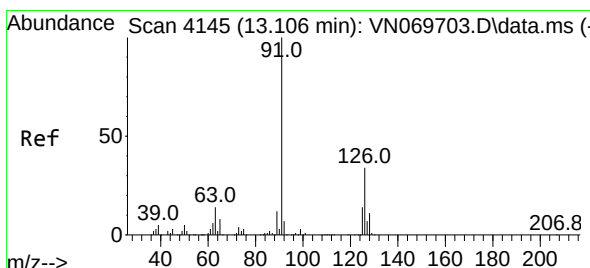
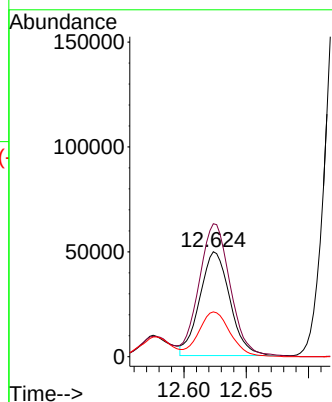
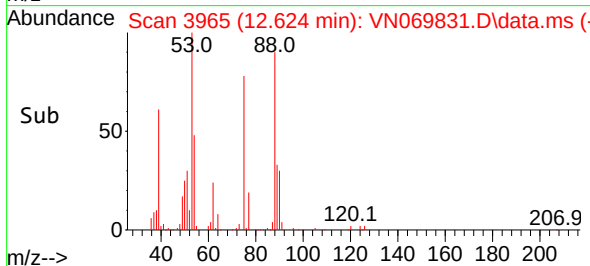
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion: 75 Resp: 83432
Ion Ratio Lower Upper
75 100
53 134.4 90.5 135.7
89 45.0 38.2 57.4

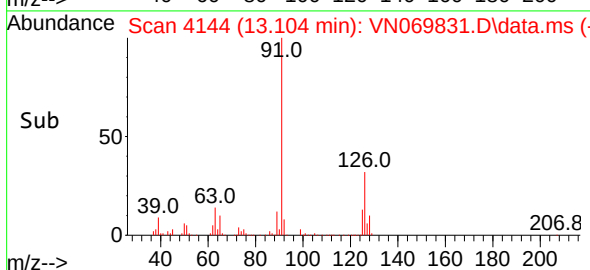
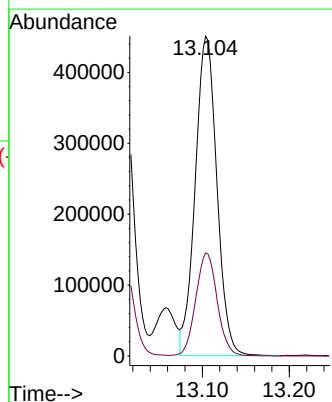
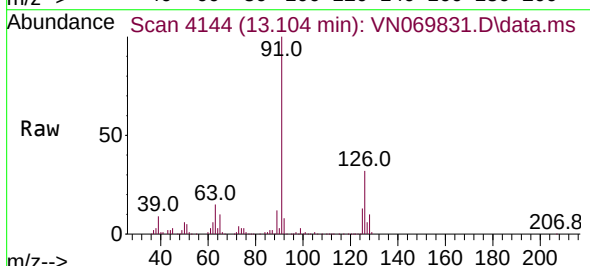
Manual Integrations
APPROVED

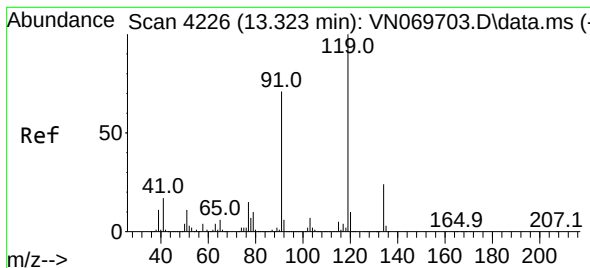
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#82
4-Chlorotoluene
Concen: 19.902 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

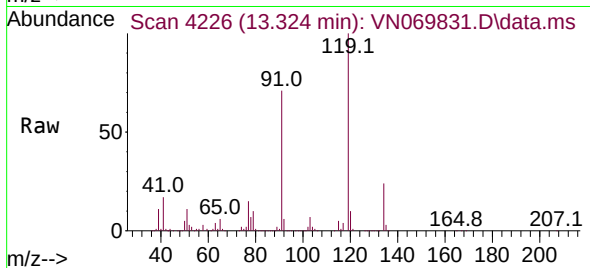
Tgt Ion: 91 Resp: 779739
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.883 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

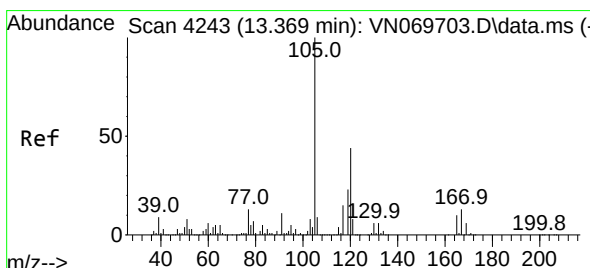
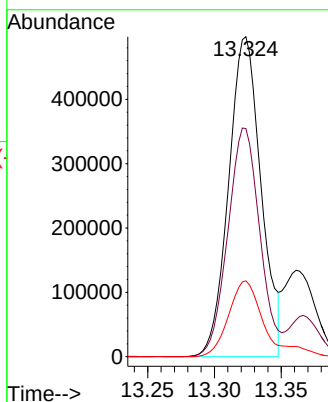
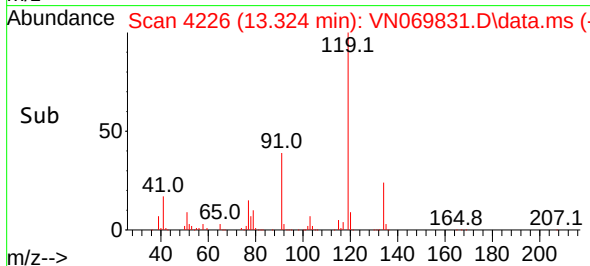
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion:119 Resp: 839590
Ion Ratio Lower Upper
119 100
91 70.9 31.5 94.5
134 26.2 12.4 37.4

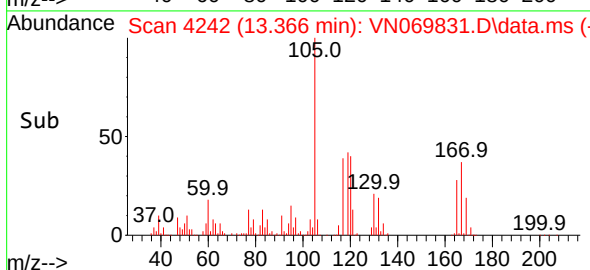
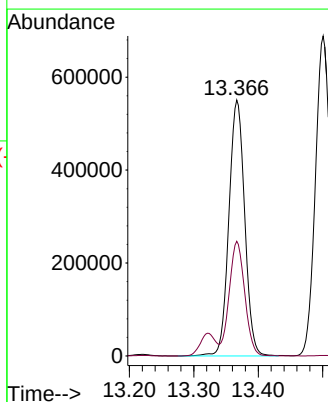
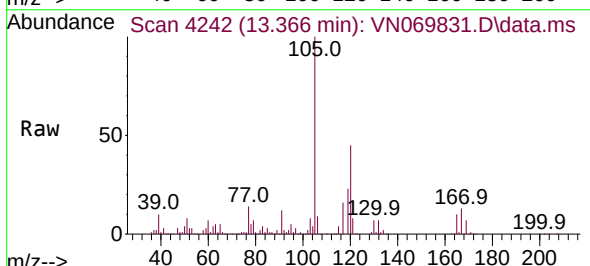
Manual Integrations
APPROVED

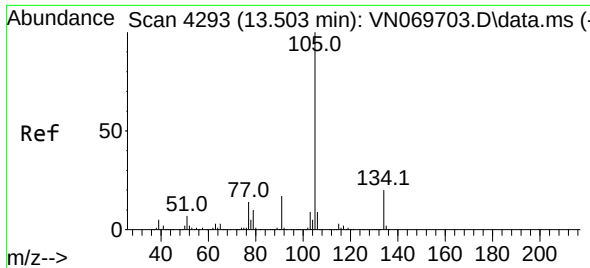
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.618 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion:105 Resp: 936393
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





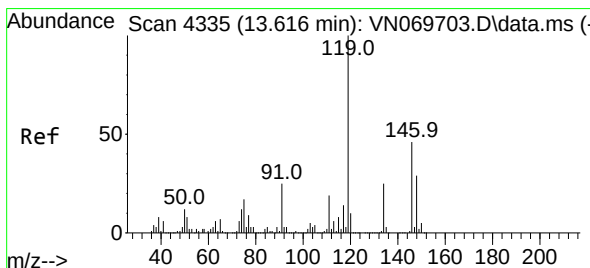
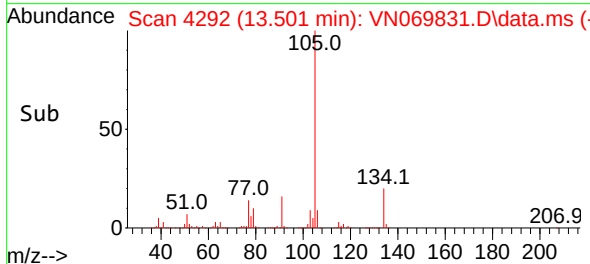
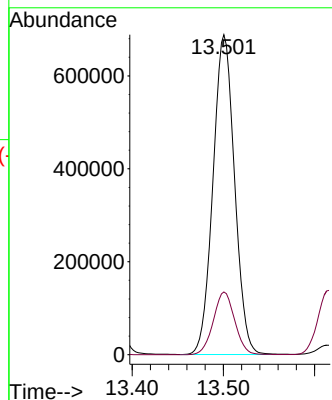
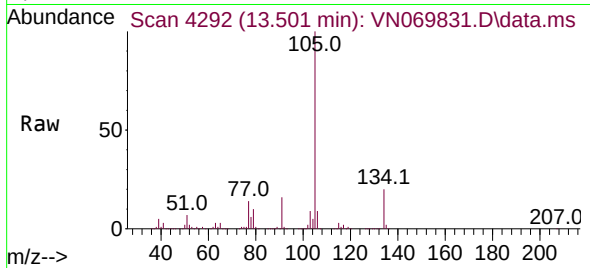
#85
 sec-Butylbenzene
 Concen: 19.749 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN069831.D
 Acq: 7 Dec 2021 23:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1207WBS02

Tgt Ion:105 Resp: 1131138
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

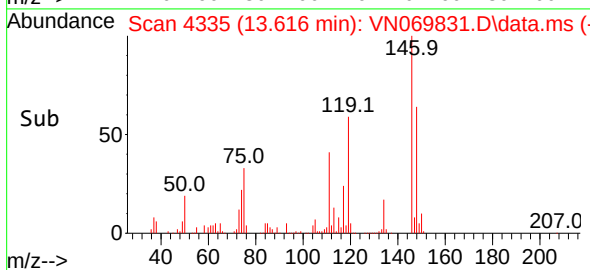
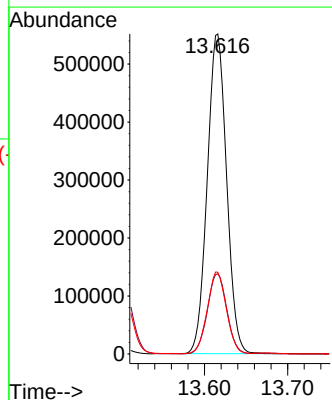
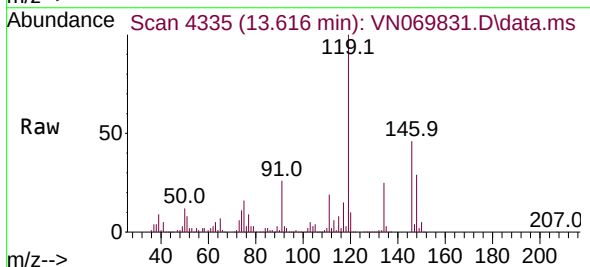
Manual Integrations
 APPROVED

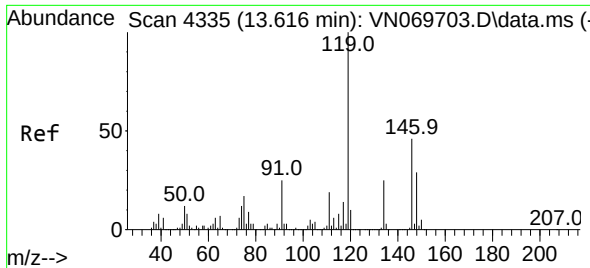
Reviewed By :John Carlone 12/08/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 19.865 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069831.D
 Acq: 7 Dec 2021 23:27

Tgt Ion:119 Resp: 889380
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 25.2 11.4 34.1





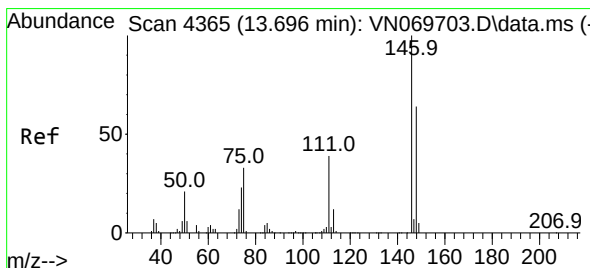
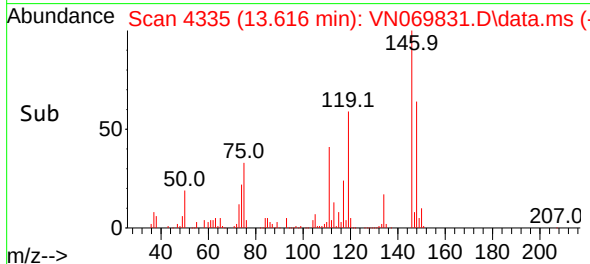
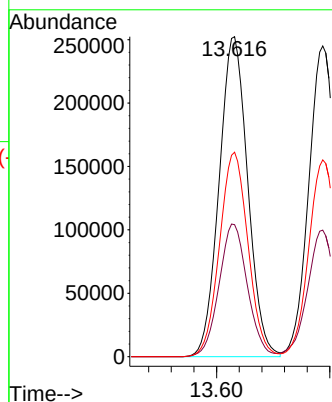
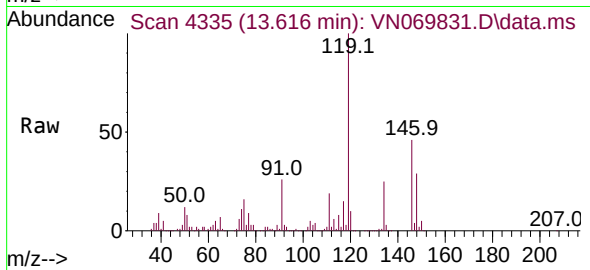
#87
1,3-Dichlorobenzene
Concen: 19.337 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion:146 Resp: 442108
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 63.7 31.6 95.0

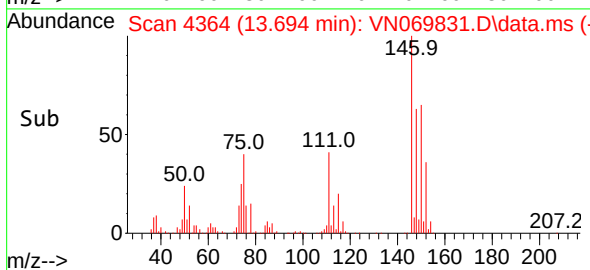
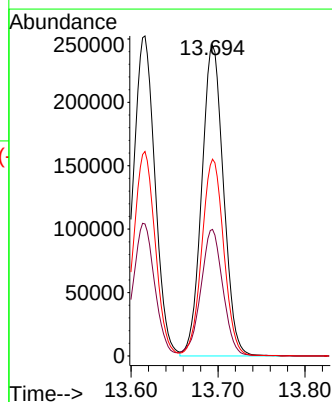
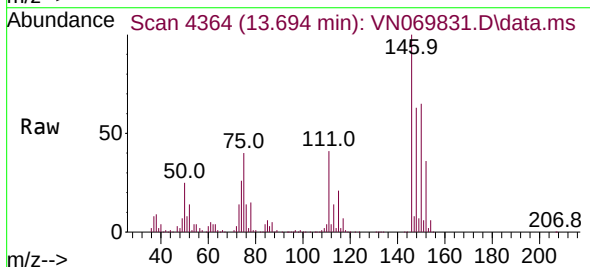
Manual Integrations
APPROVED

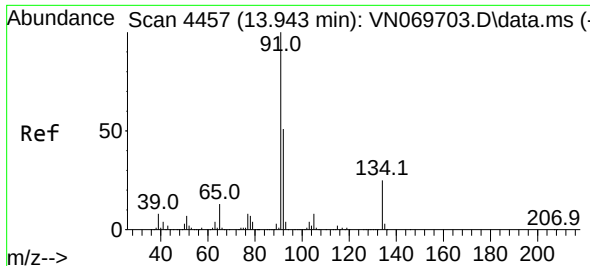
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 19.004 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion:146 Resp: 426977
Ion Ratio Lower Upper
146 100
111 40.9 18.3 54.8
148 63.7 31.8 95.4





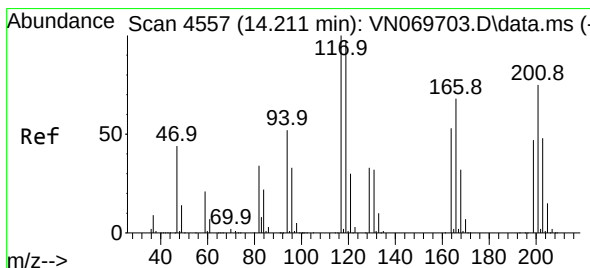
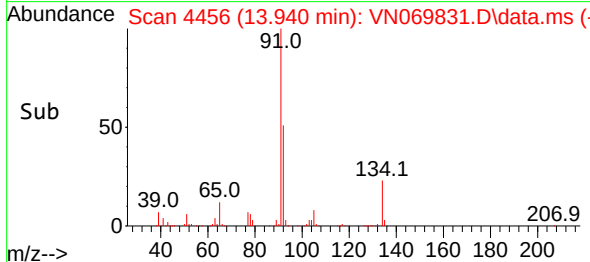
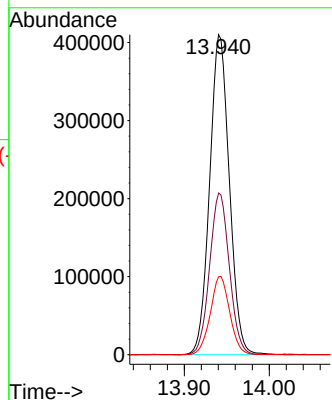
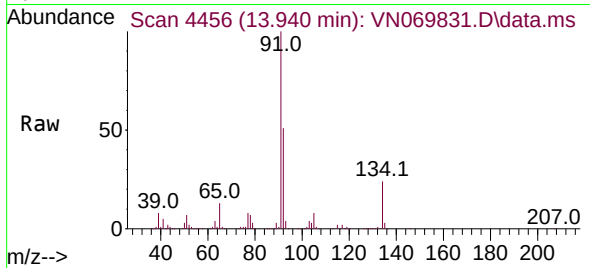
#89
n-Butylbenzene
Concen: 18.142 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02

Tgt Ion: 91 Resp: 65886
Ion Ratio Lower Upper
91 100
92 50.8 25.4 76.0
134 24.2 13.6 40.8

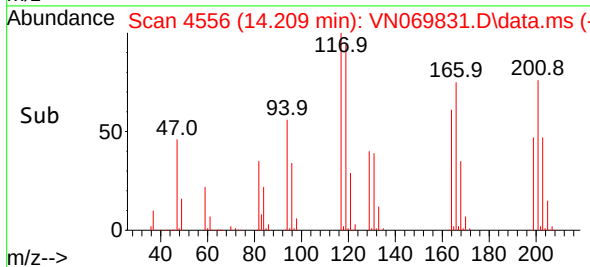
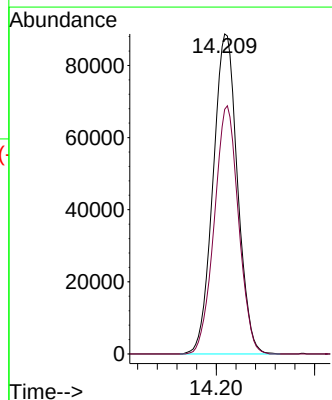
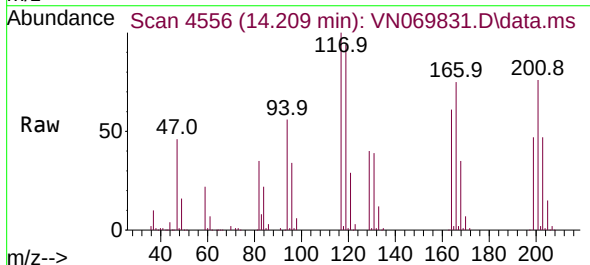
Manual Integrations
APPROVED

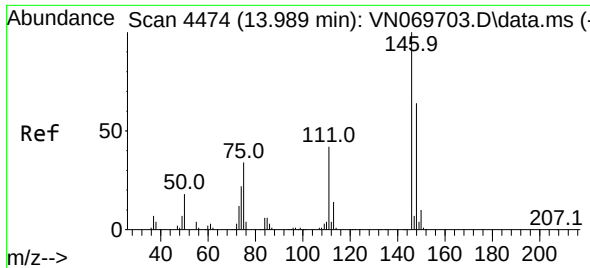
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#90
Hexachloroethane
Concen: 19.487 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

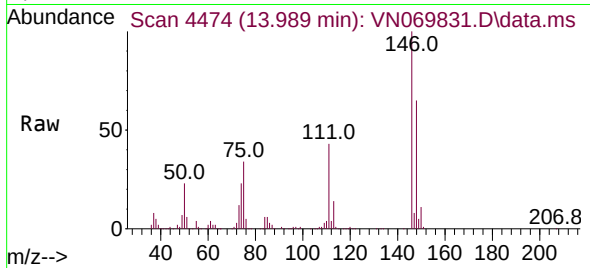
Tgt Ion:117 Resp: 153178
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.491 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

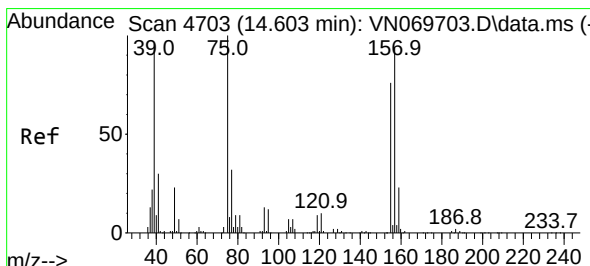
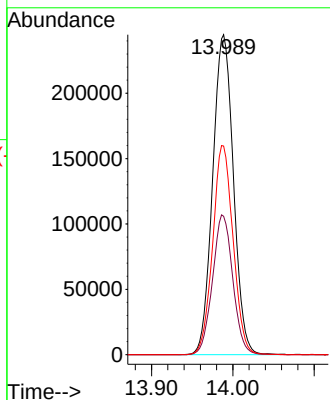
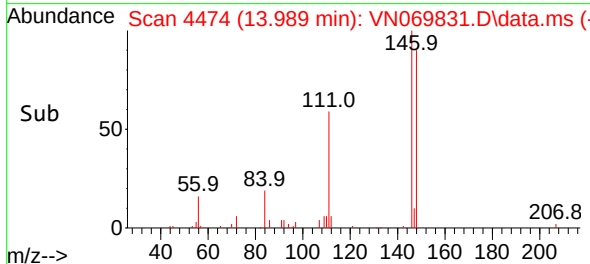
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion:146 Resp: 434180
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 64.3 32.1 96.3

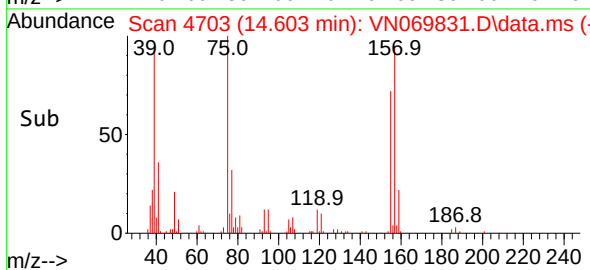
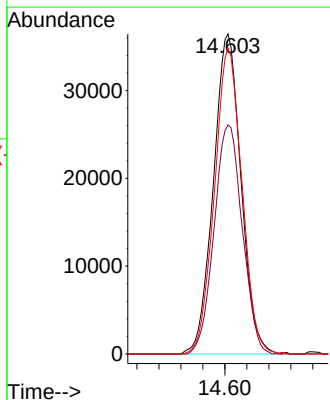
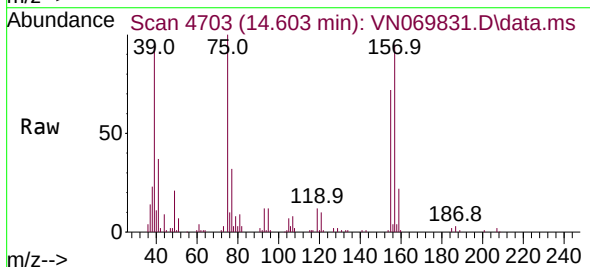
Manual Integrations
APPROVED

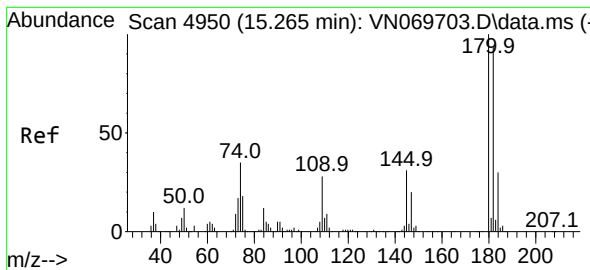
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.114 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

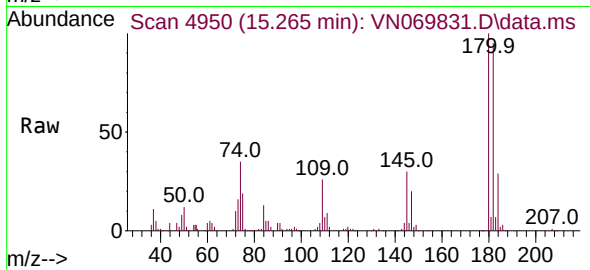
Tgt Ion: 75 Resp: 63360
Ion Ratio Lower Upper
75 100
155 73.1 46.9 140.7
157 95.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.375 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

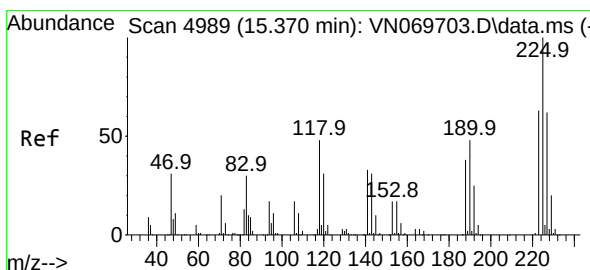
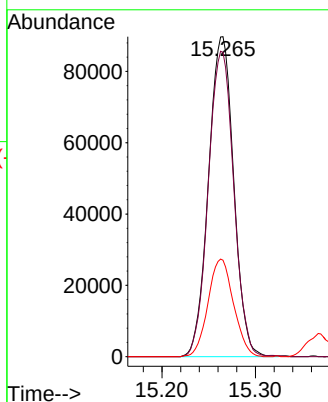
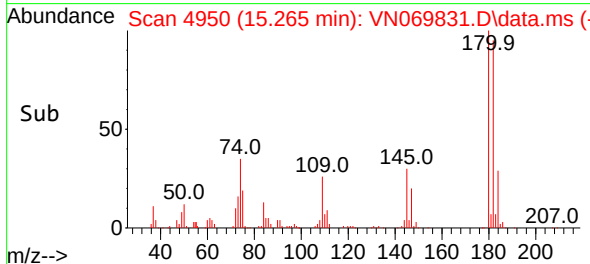
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



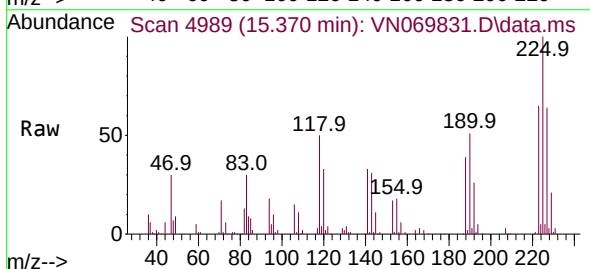
Tgt Ion:180 Resp: 168060
Ion Ratio Lower Upper
180 100
182 96.2 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
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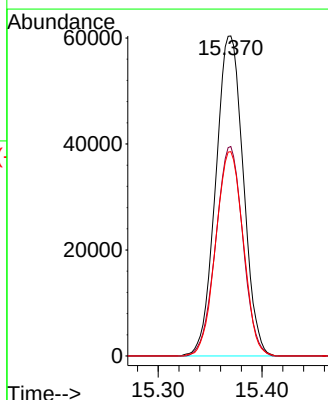
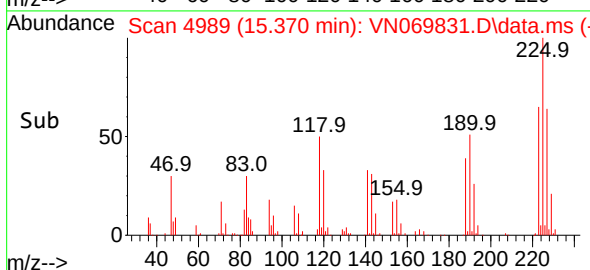
Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021

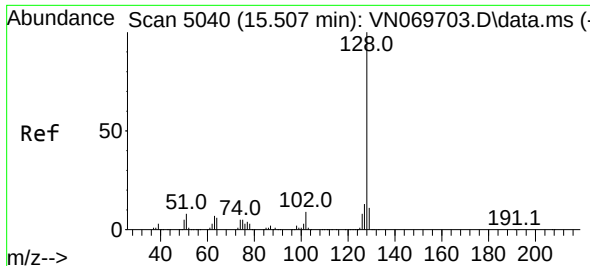


#94
Hexachlorobutadiene
Concen: 18.895 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27



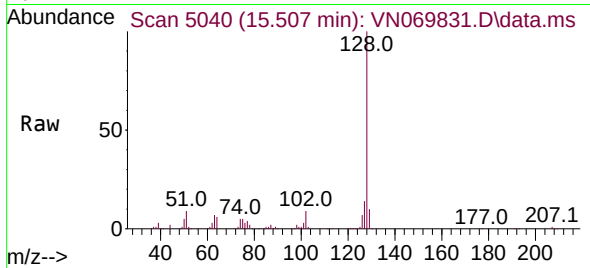
Tgt Ion:225 Resp: 111553
Ion Ratio Lower Upper
225 100
223 64.3 31.9 95.7
227 63.5 32.1 96.3





#95
Naphthalene
Concen: 15.819 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

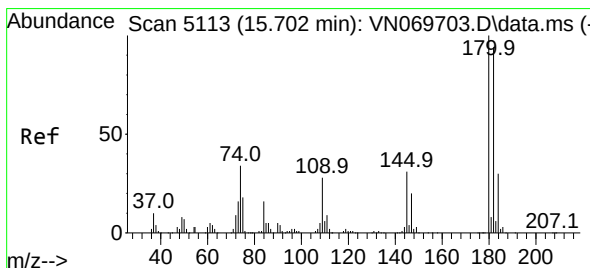
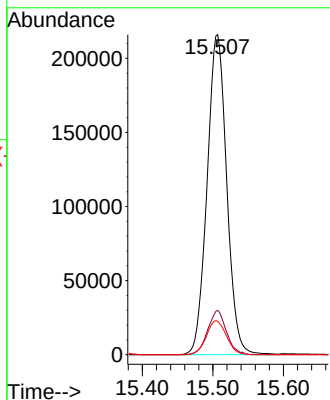
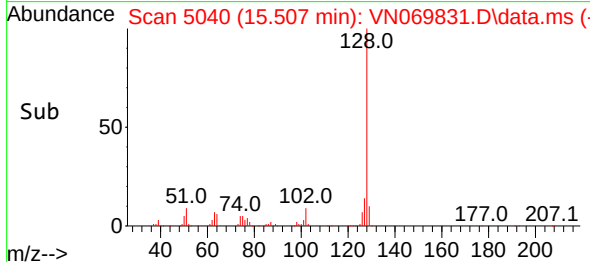
Instrument :
MSVOA_N
ClientSampleId :
VN1207WBS02



Tgt Ion:128 Resp: 418460
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.088 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN069831.D
Acq: 7 Dec 2021 23:27

Tgt Ion:180 Resp: 164010
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 32.7 15.0 45.1

