

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069712.D
 Acq On : 3 Dec 2021 12:05
 Operator : JC/MD
 Sample : VN1203WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:28:36 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	1155492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1866637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1712121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	712457	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	857863	48.084	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.160%		
35) Dibromofluoromethane	8.021	113	592198	50.649	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.300%		
50) Toluene-d8	10.440	98	2335797	49.753	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.500%		
62) 4-Bromofluorobenzene	12.731	95	818916	48.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	291090	21.599	ug/l	99
3) Chloromethane	2.303	50	328631	19.464	ug/l	99
4) Vinyl Chloride	2.448	62	317486	20.450	ug/l	99
5) Bromomethane	2.853	94	190685	22.608	ug/l	99
6) Chloroethane	3.019	64	187731	19.733	ug/l	94
7) Trichlorofluoromethane	3.376	101	419847	20.605	ug/l	98
8) Diethyl Ether	3.827	74	157142	20.024	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.205	101	240919	21.093	ug/l	96
10) Methyl Iodide	4.419	142	294246	18.857	ug/l	96
11) Tert butyl alcohol	5.379	59	259594	76.977	ug/l #	84
12) 1,1-Dichloroethene	4.181	96	219280	19.923	ug/l	91
13) Acrolein	4.041	56	223511	77.828	ug/l	98
14) Allyl chloride	4.843	41	472177	19.038	ug/l	96
15) Acrylonitrile	5.554	53	797499	87.760	ug/l	98
16) Acetone	4.288	43	939639	87.554	ug/l	96
17) Carbon Disulfide	4.529	76	575021	20.222	ug/l	99
18) Methyl Acetate	4.856	43	564180	17.416	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	864970	20.211	ug/l	97
20) Methylene Chloride	5.092	84	272671	19.112	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	242347	20.272	ug/l	88
22) Diisopropyl ether	6.498	45	995546	20.537	ug/l	95
23) Vinyl Acetate	6.433	43	3954197	100.263	ug/l	95
24) 1,1-Dichloroethane	6.385	63	509594	20.293	ug/l	97
25) 2-Butanone	7.335	43	1242905	85.237	ug/l	90
26) 2,2-Dichloropropane	7.324	77	394373	20.199	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	287445	19.901	ug/l	86
28) Bromochloromethane	7.656	49	246909	18.908	ug/l #	80
29) Tetrahydrofuran	7.686	42	785755	88.742	ug/l	88
30) Chloroform	7.817	83	506869	19.986	ug/l	99
31) Cyclohexane	8.094	56	513533	20.683	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	433860	20.084	ug/l	96
36) 1,1-Dichloropropene	8.220	75	379396	21.351	ug/l	96
37) Ethyl Acetate	7.415	43	483244	18.271	ug/l #	93
38) Carbon Tetrachloride	8.206	117	361344	20.737	ug/l	98
39) Methylcyclohexane	9.459	83	464428	21.973	ug/l	89
40) Benzene	8.458	78	1129989	20.804	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	233929	18.842	ug/l	91
42) 1,2-Dichloroethane	8.528	62	455981	20.796	ug/l	96
43) Isopropyl Acetate	8.560	43	757139	19.345	ug/l #	94
44) Trichloroethene	9.215	130	273733	21.115	ug/l	92
45) 1,2-Dichloropropane	9.488	63	301116	20.645	ug/l	100
46) Dibromomethane	9.577	93	196337	20.525	ug/l	94
47) Bromodichloromethane	9.759	83	372388	20.561	ug/l	99
48) Methyl methacrylate	9.561	41	374194	20.487	ug/l #	82
49) 1,4-Dioxane	9.569	88	109425	333.884	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2401007	94.563	ug/l	95
52) Toluene	10.505	92	692763	20.891	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	391217	19.747	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	434586	20.246	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	267745	20.011	ug/l	95
56) Ethyl methacrylate	10.762	69	446616	19.164	ug/l	87
57) 1,3-Dichloropropane	11.044	76	479604	20.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	483505	84.095	ug/l	92
59) 2-Hexanone	11.084	43	1697916	88.401	ug/l	92
60) Dibromochloromethane	11.237	129	259217	19.599	ug/l	100
61) 1,2-Dibromoethane	11.344	107	276104	19.924	ug/l	98
64) Tetrachloroethene	10.977	164	258404	22.258	ug/l	96
65) Chlorobenzene	11.771	112	731215	21.052	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	255183	20.873	ug/l	99
67) Ethyl Benzene	11.846	91	1341805	21.267	ug/l	97
68) m/p-Xylenes	11.953	106	999056	43.489	ug/l	93
69) o-Xylene	12.280	106	487117	21.051	ug/l	90
70) Styrene	12.294	104	780945	21.283	ug/l	96
71) Bromoform	12.457	173	178644	18.883	ug/l #	99
73) Isopropylbenzene	12.578	105	1290052	20.351	ug/l	99
74) N-amyl acetate	12.387	43	497752	17.756	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	415703	18.965	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	357484m	17.497	ug/l	
77) Bromobenzene	12.859	156	294722	19.794	ug/l	81
78) n-propylbenzene	12.921	91	1458316	20.674	ug/l	96
79) 2-Chlorotoluene	13.007	91	899533	20.182	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	1050208	20.584	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	97439	18.401	ug/l	88
82) 4-Chlorotoluene	13.104	91	850729	20.296	ug/l	94
83) tert-Butylbenzene	13.323	119	922258	20.414	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	1022545	21.044	ug/l	98
85) sec-Butylbenzene	13.500	105	1268154	20.695	ug/l	97
86) p-Isopropyltoluene	13.616	119	1007158	21.027	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	489460	20.010	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	467869	19.464	ug/l	95
89) n-Butylbenzene	13.943	91	779989	20.074	ug/l	98
90) Hexachloroethane	14.211	117	165124	19.635	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	475661	19.958	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	68490	17.291	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	196986	18.760	ug/l	97
94) Hexachlorobutadiene	15.370	225	129871	20.561	ug/l	99
95) Naphthalene	15.507	128	453788	15.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	183348	17.746	ug/l	98

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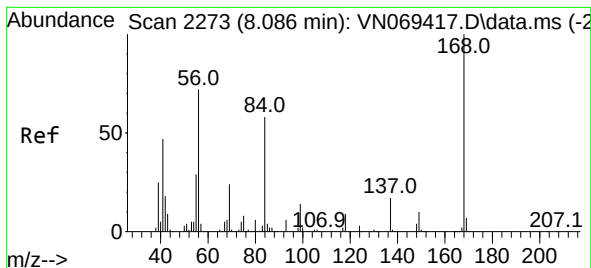
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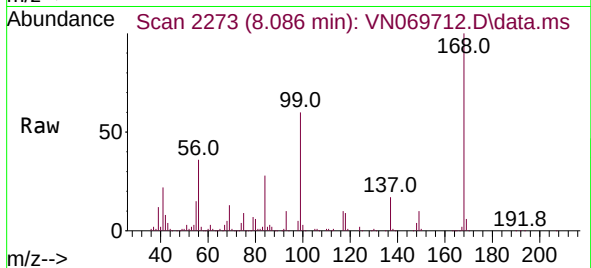
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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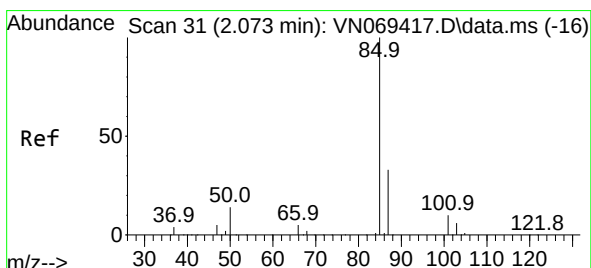
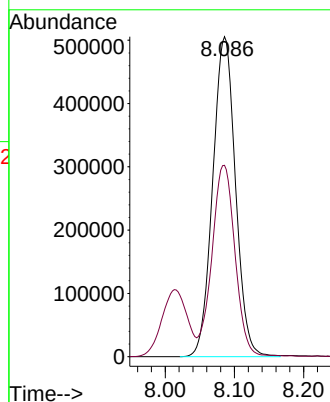
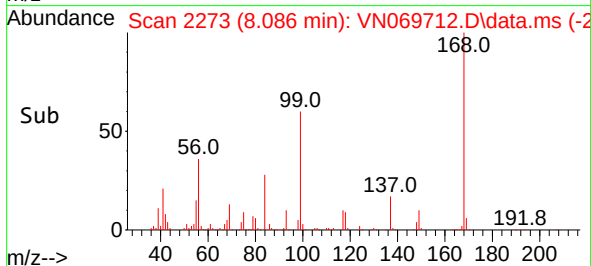
Instrument :
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VN1203WBS01



Tgt Ion:168 Resp: 115549
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9

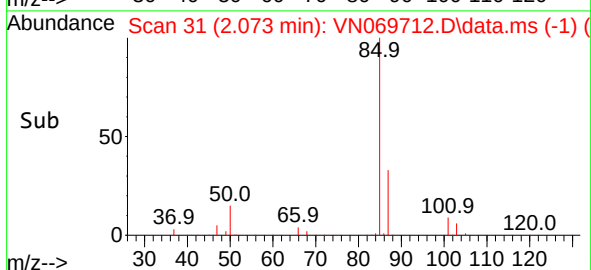
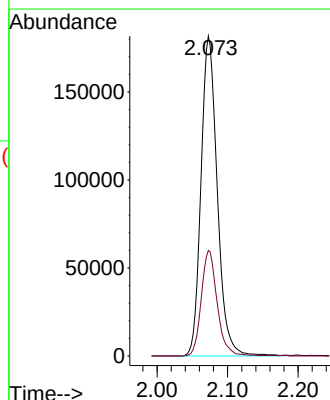
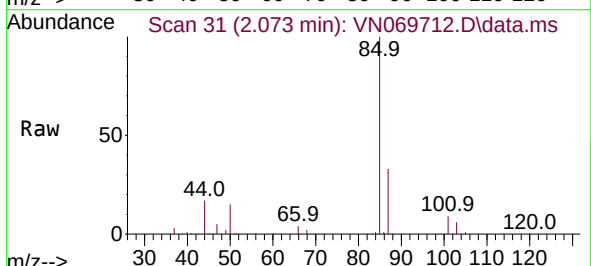
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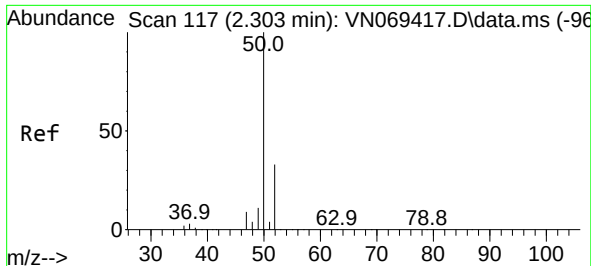
Reviewed By :John Carlone 12/04/2021
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#2
Dichlorodifluoromethane
Concen: 21.599 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 85 Resp: 291090
Ion Ratio Lower Upper
85 100
87 33.0 16.3 48.9





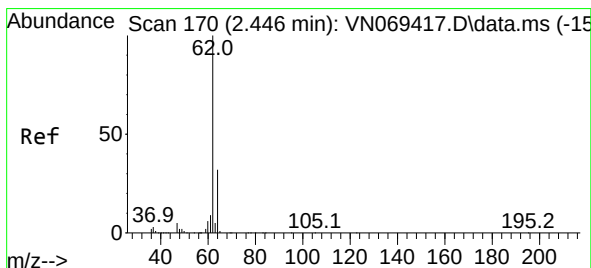
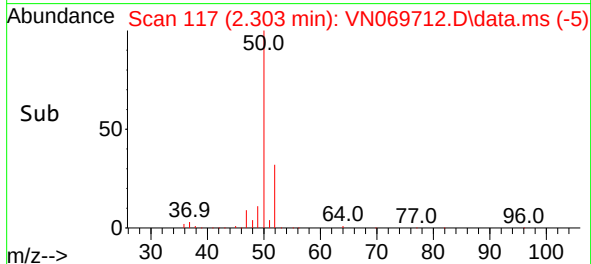
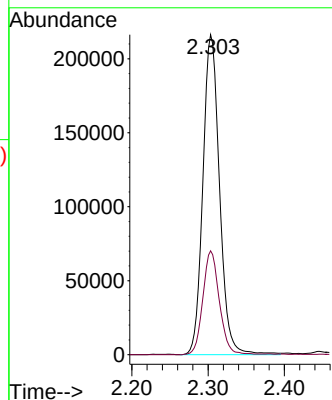
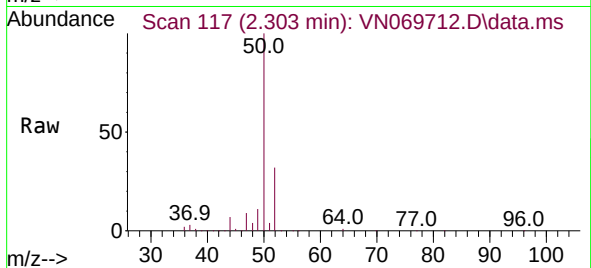
#3
Chloromethane
Concen: 19.464 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

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Tgt Ion: 50 Resp: 32863
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

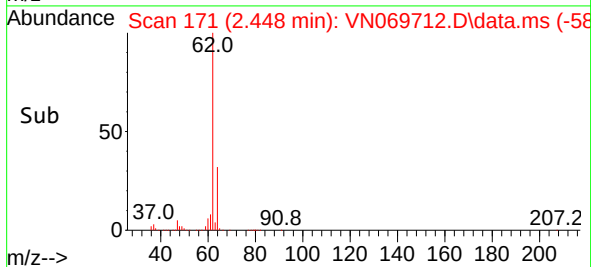
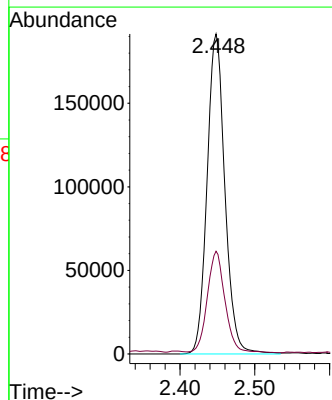
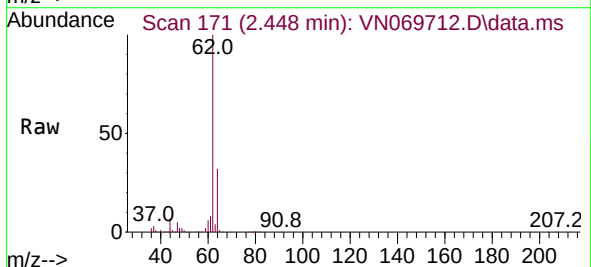
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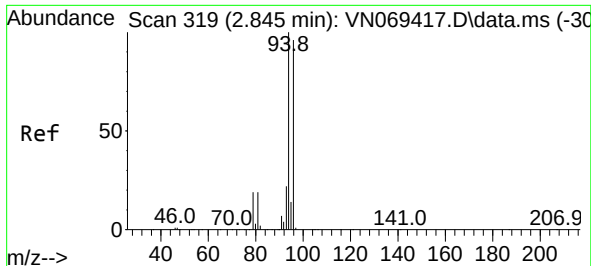
Reviewed By :John Carlone 12/04/2021
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#4
Vinyl Chloride
Concen: 20.450 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

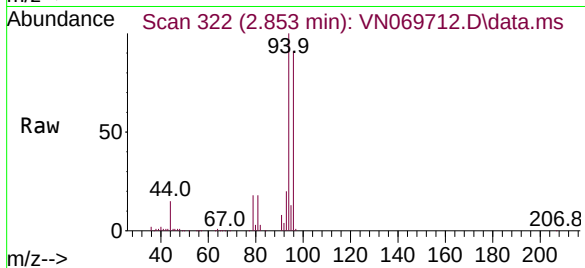
Tgt Ion: 62 Resp: 317486
Ion Ratio Lower Upper
62 100
64 31.7 25.8 38.6





#5
Bromomethane
Concen: 22.608 ug/l
RT: 2.853 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

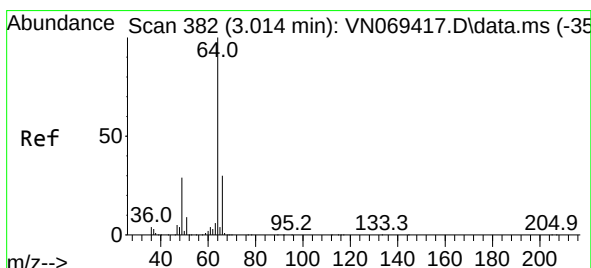
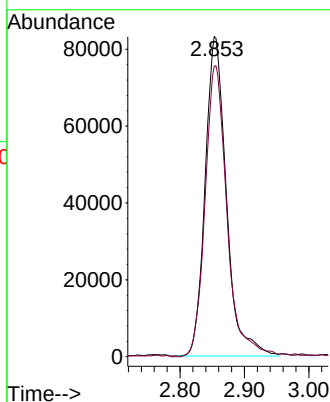
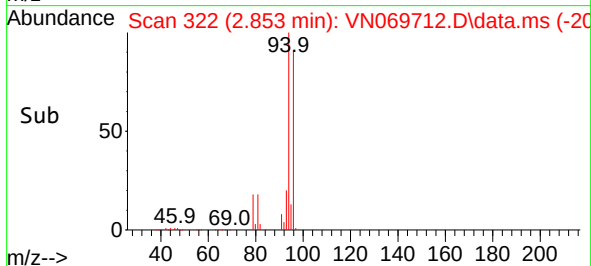
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Tgt Ion: 94 Resp: 190685
Ion Ratio Lower Upper
94 100
96 91.0 73.8 110.8

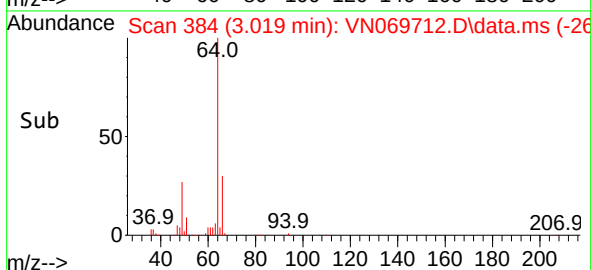
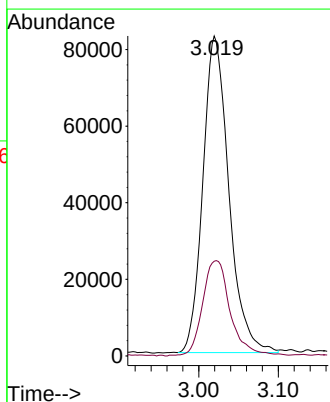
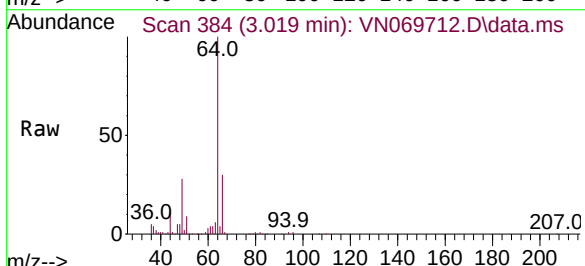
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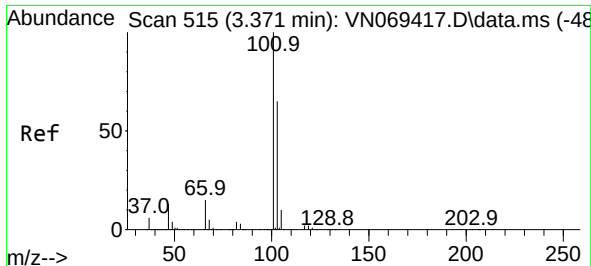
Reviewed By :John Carlone 12/04/2021
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#6
Chloroethane
Concen: 19.733 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
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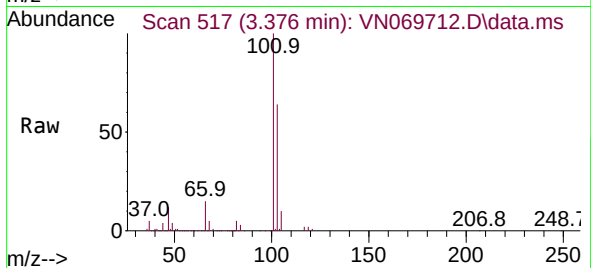
Tgt Ion: 64 Resp: 187731
Ion Ratio Lower Upper
64 100
66 29.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 20.605 ug/l
 RT: 3.376 min Scan# 515
 Delta R.T. 0.008 min
 Lab File: VN069712.D
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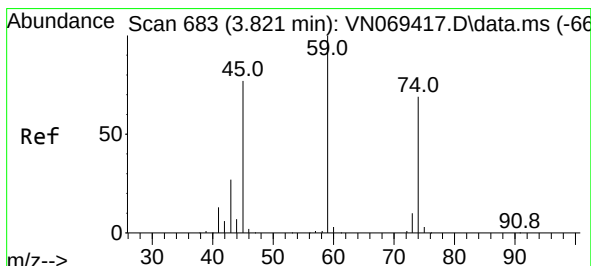
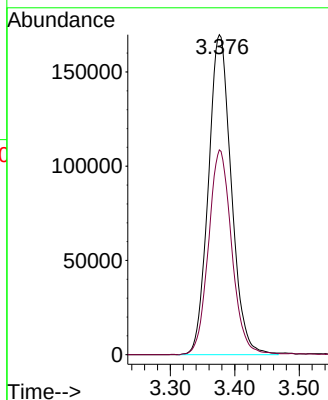
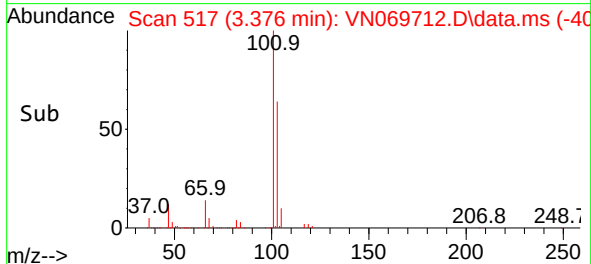
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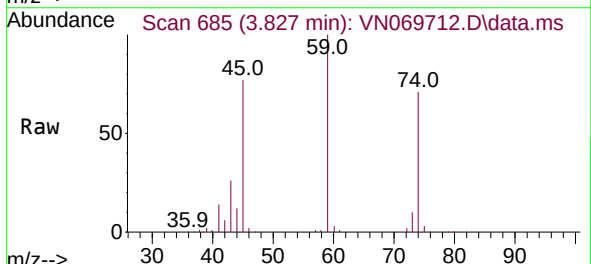
Tgt Ion:101 Resp: 41984
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1

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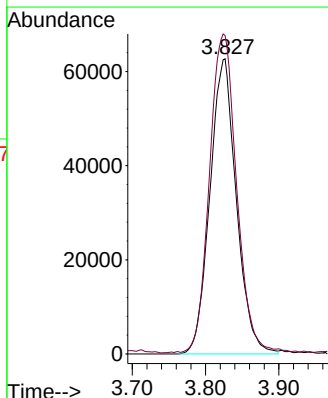
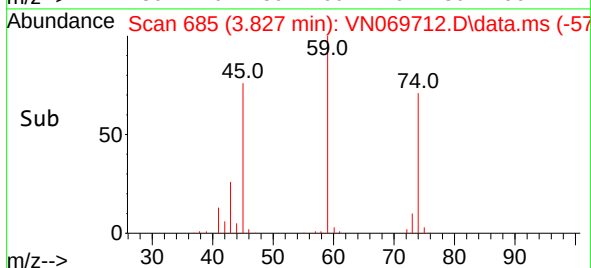
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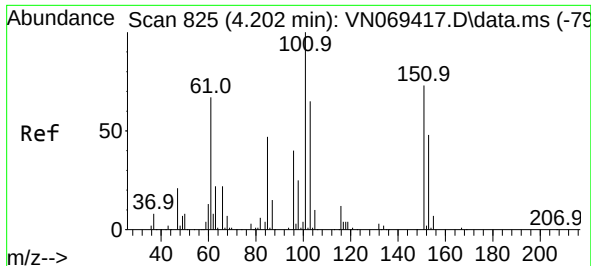


#8
 Diethyl Ether
 Concen: 20.024 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. 0.005 min
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Tgt Ion: 74 Resp: 157142
 Ion Ratio Lower Upper
 74 100
 45 110.4 47.0 141.2





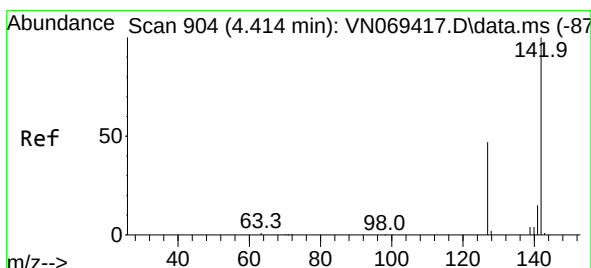
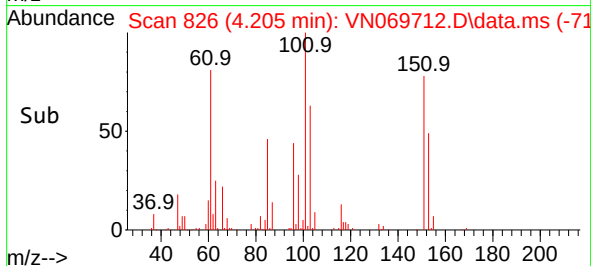
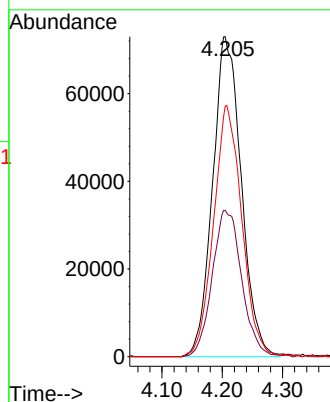
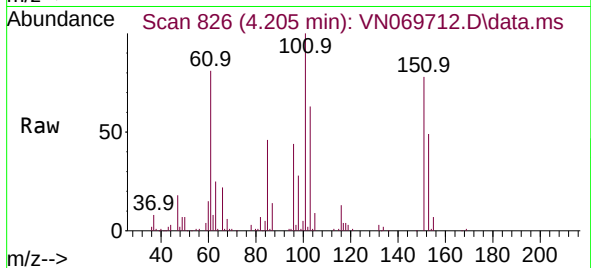
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.093 ug/l
RT: 4.205 min Scan# 825
Delta R.T. 0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:101 Resp: 240919
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 77.2 65.9 98.9

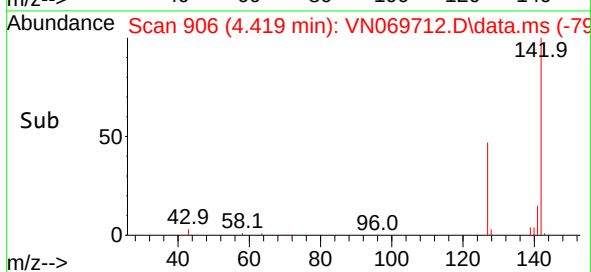
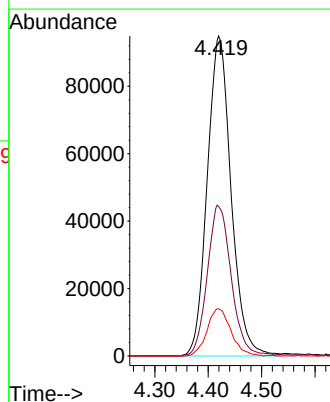
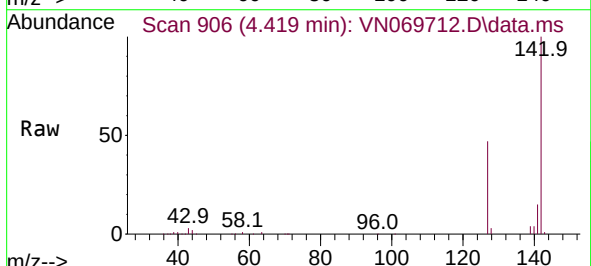
Manual Integrations
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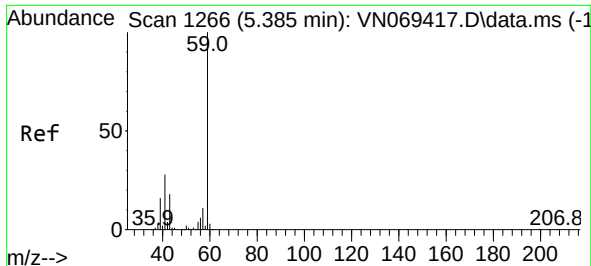
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#10
Methyl Iodide
Concen: 18.857 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

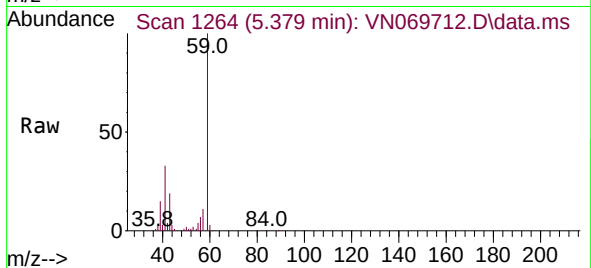
Tgt Ion:142 Resp: 294246
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.0
141 14.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 76.977 ug/l
RT: 5.379 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

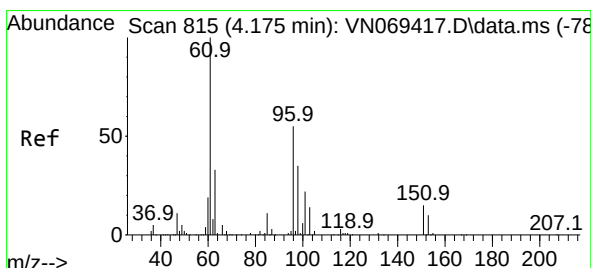
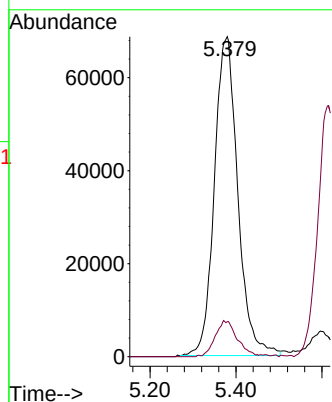
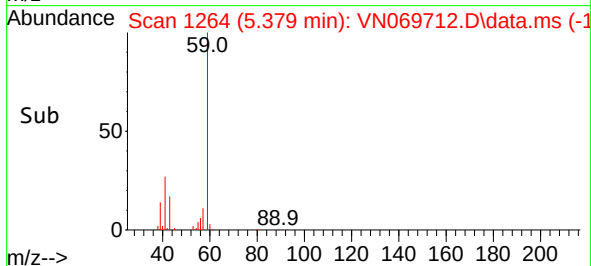
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



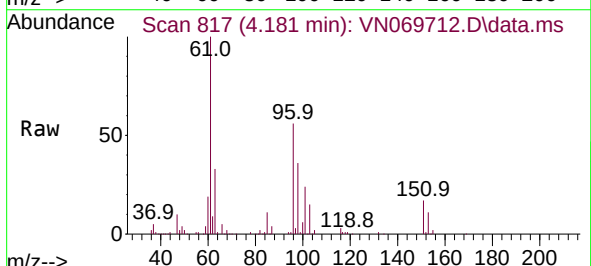
Tgt Ion: 59 Resp: 259594
Ion Ratio Lower Upper
59 100
57 5.0 8.7 13.1

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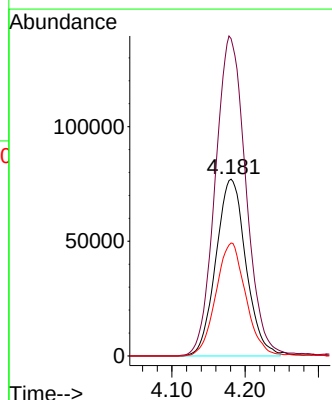
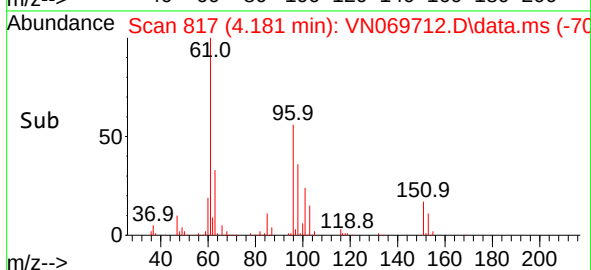
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

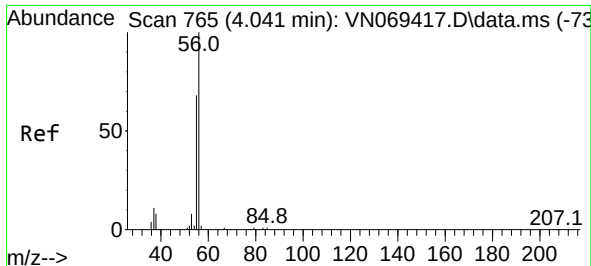


#12
1,1-Dichloroethene
Concen: 19.923 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.005 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



Tgt Ion: 96 Resp: 219280
Ion Ratio Lower Upper
96 100
61 179.2 131.0 196.6
98 63.9 52.4 78.6





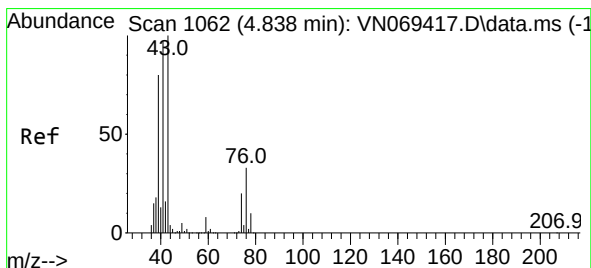
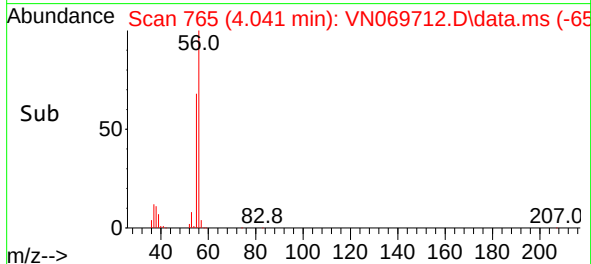
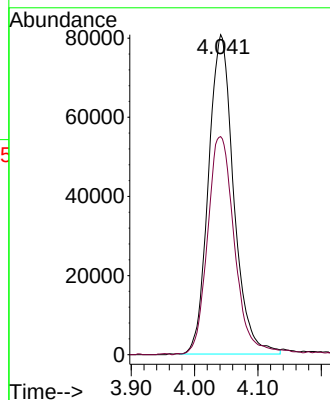
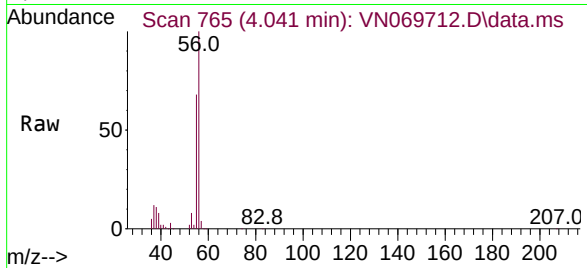
#13
Acrolein
Concen: 77.828 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 56 Resp: 22351
Ion Ratio Lower Upper
56 100
55 72.4 56.6 85.0

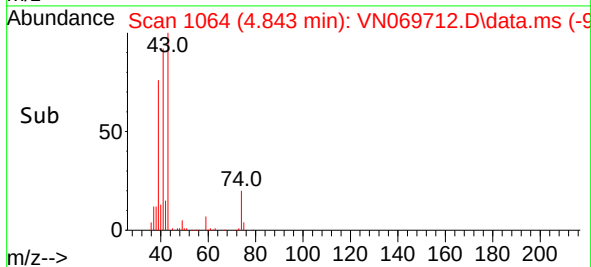
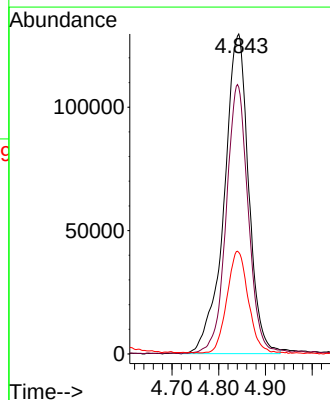
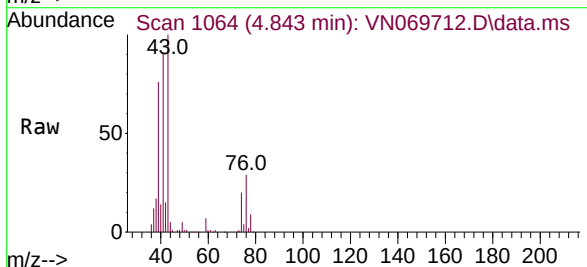
Manual Integrations
APPROVED

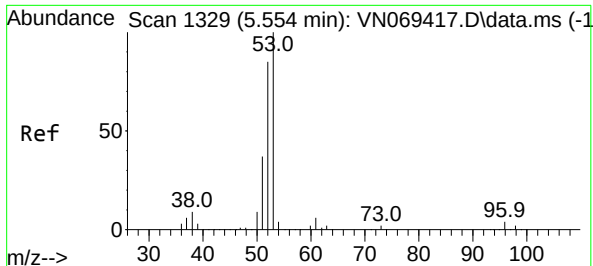
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#14
Allyl chloride
Concen: 19.038 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 41 Resp: 472177
Ion Ratio Lower Upper
41 100
39 75.4 61.2 91.8
76 27.4 26.0 39.0





#15

Acrylonitrile

Concen: 87.760 ug/l

RT: 5.554 min Scan# 1329

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

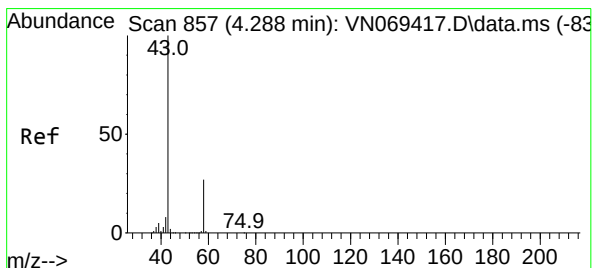
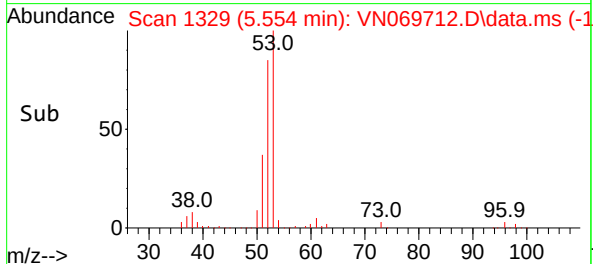
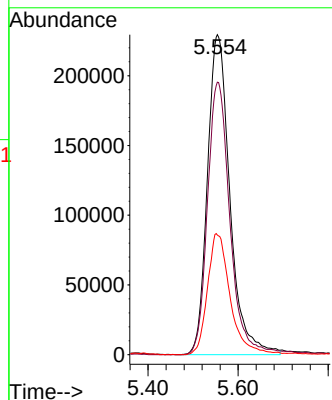
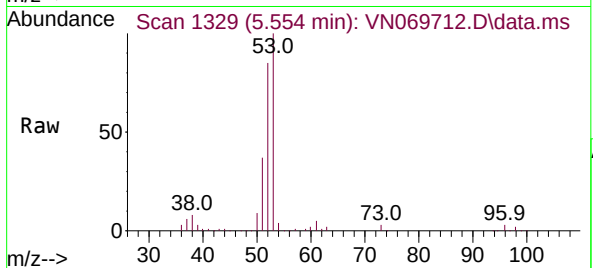
Tgt Ion:	53	Resp:	797499
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.2	99.2
51	38.0	29.6	44.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#16

Acetone

Concen: 87.554 ug/l

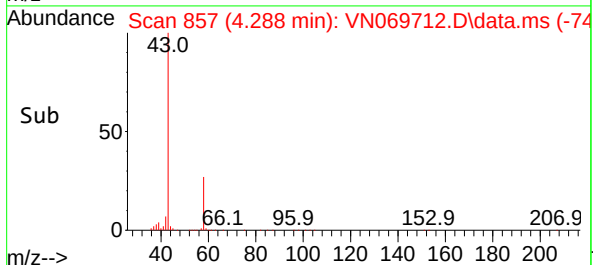
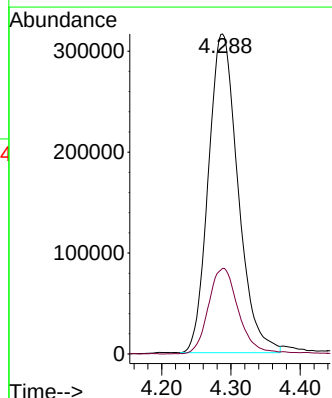
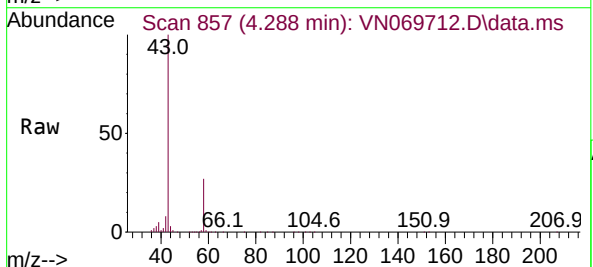
RT: 4.288 min Scan# 857

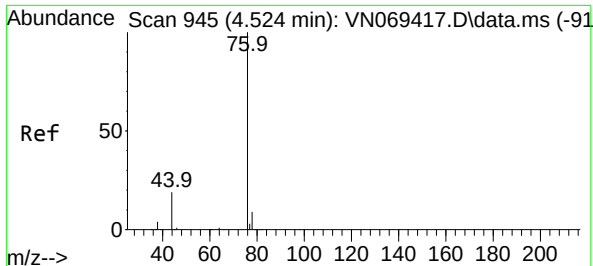
Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

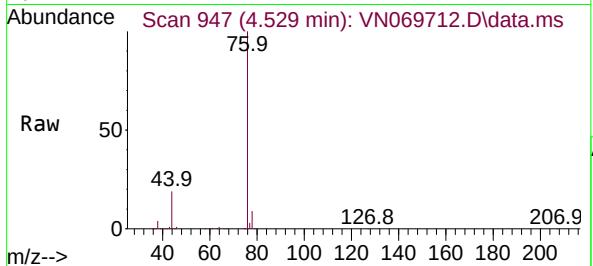
Tgt Ion:	43	Resp:	939639
Ion	Ratio	Lower	Upper
43	100		
58	26.7	23.1	34.7





#17
Carbon Disulfide
Concen: 20.222 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

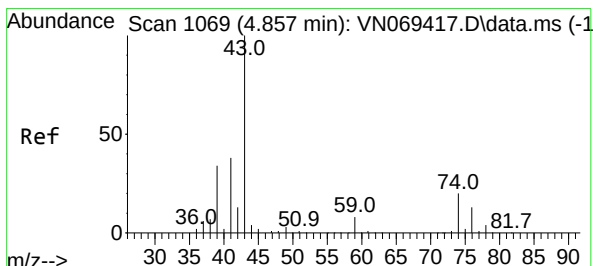
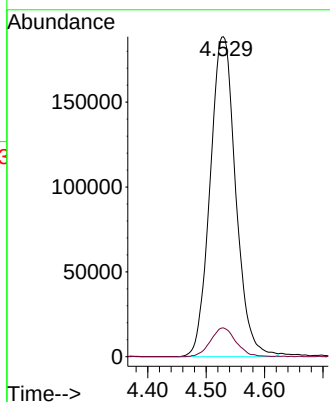
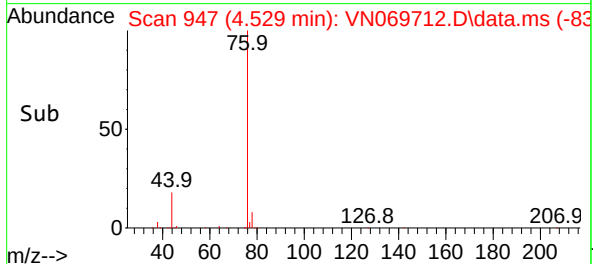
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



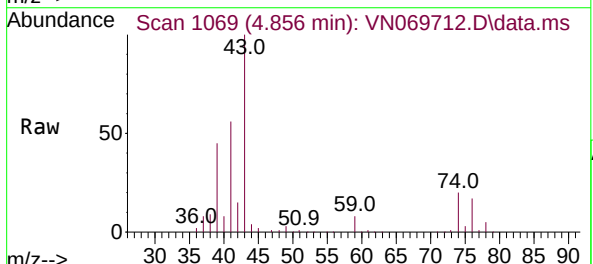
Tgt Ion: 76 Resp: 57502
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

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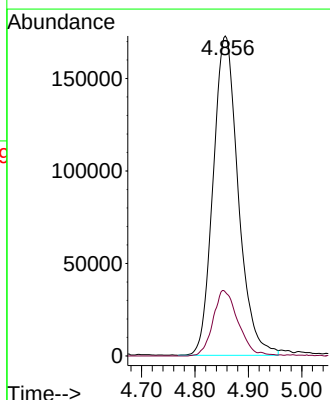
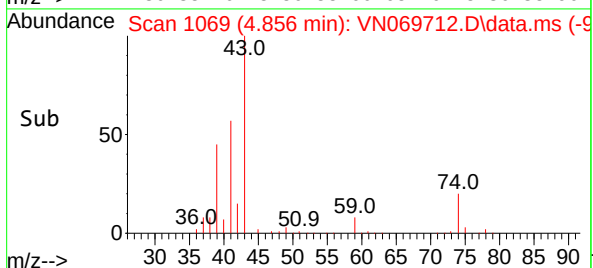
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

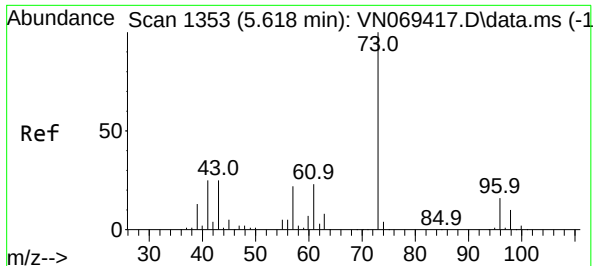


#18
Methyl Acetate
Concen: 17.416 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



Tgt Ion: 43 Resp: 564180
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 20.211 ug/l

RT: 5.615 min Scan# 11352

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 73 Resp: 864970

Ion Ratio Lower Upper

73 100

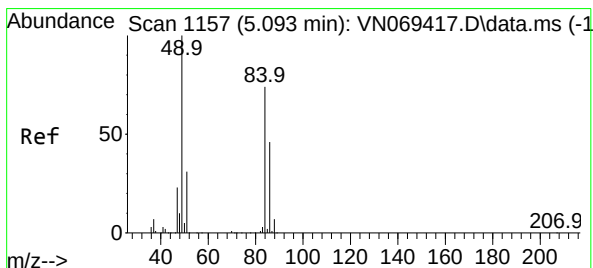
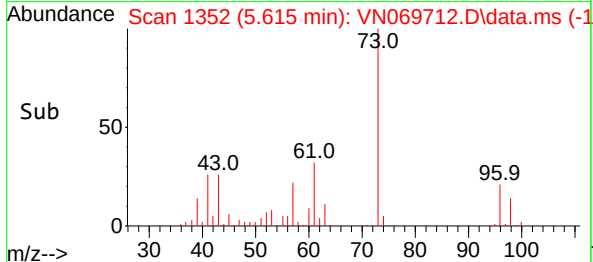
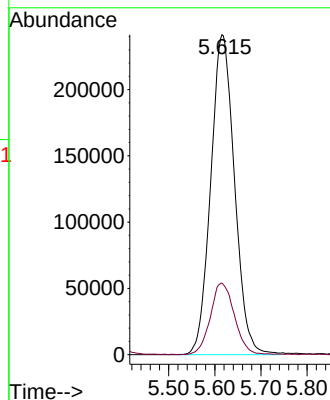
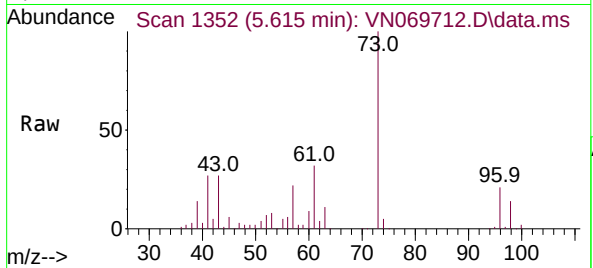
57 22.3 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#20

Methylene Chloride

Concen: 19.112 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Tgt Ion: 84 Resp: 272671

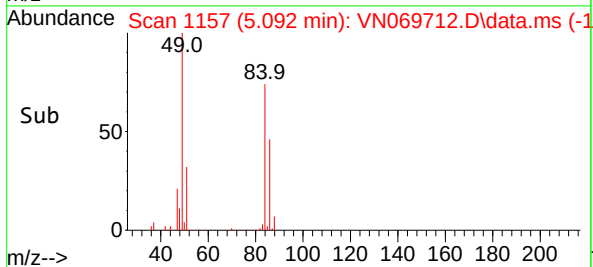
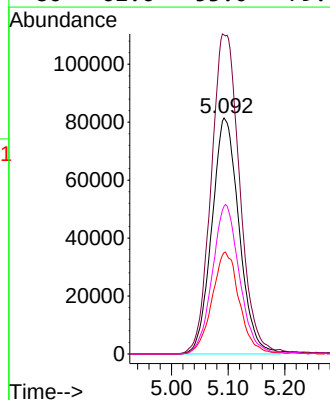
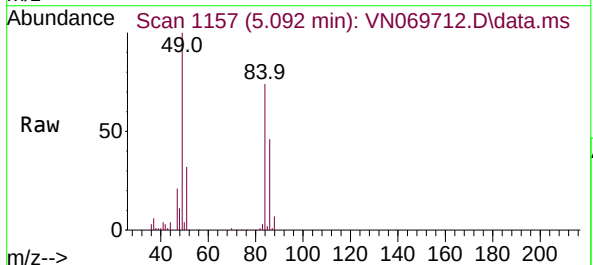
Ion Ratio Lower Upper

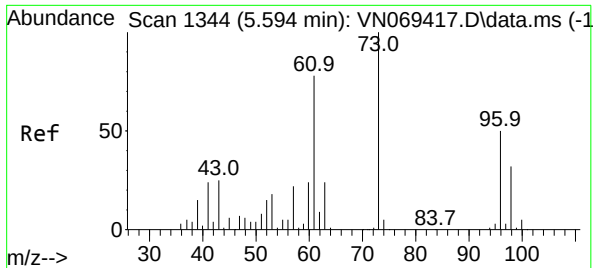
84 100

49 135.1 93.5 140.3

51 43.0 29.4 44.2

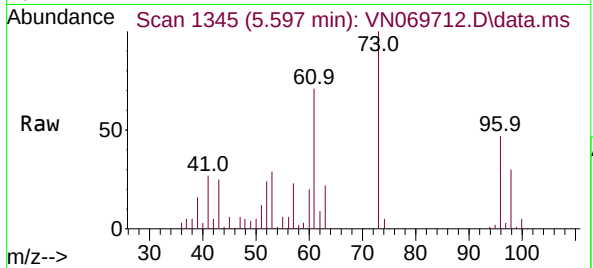
86 62.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.272 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. 0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

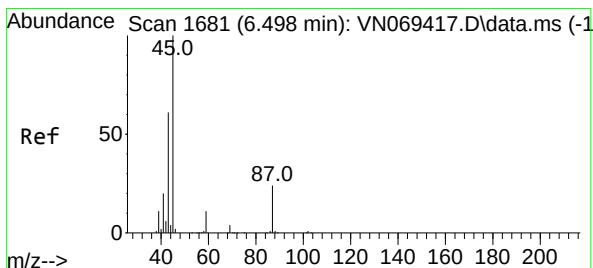
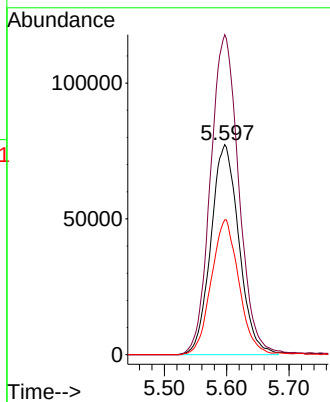
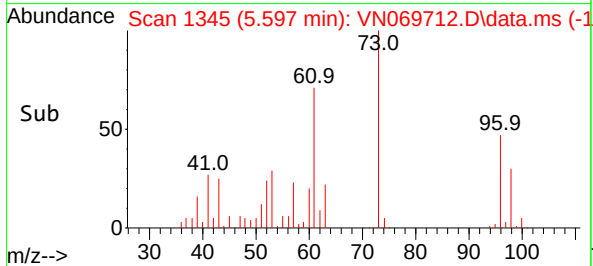
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



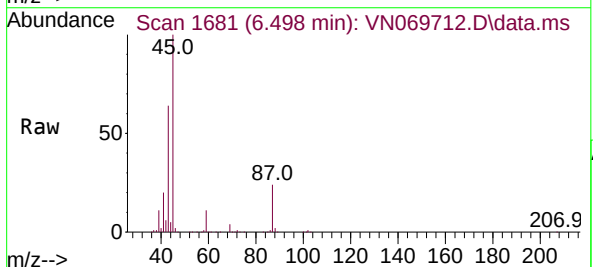
Tgt Ion: 96 Resp: 24234
Ion Ratio Lower Upper
96 100
61 152.4 105.8 158.6
98 64.2 52.0 78.0

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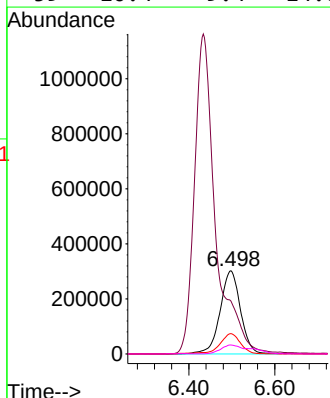
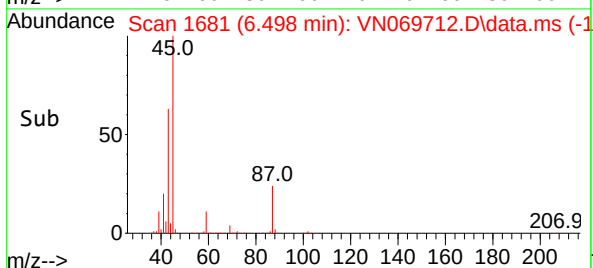
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

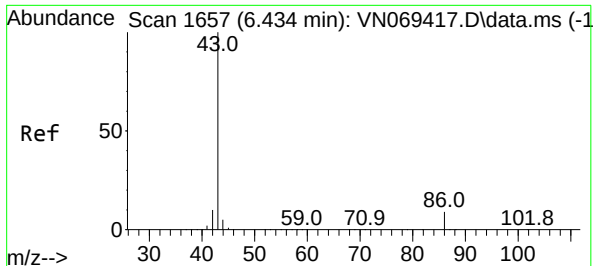


#22
Diisopropyl ether
Concen: 20.537 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



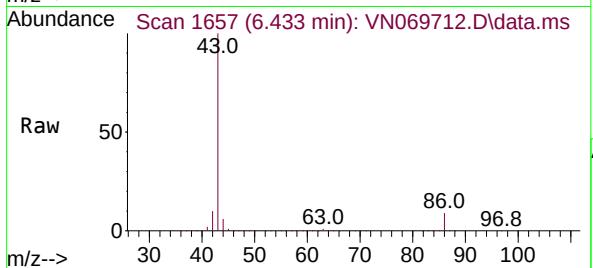
Tgt Ion: 45 Resp: 995546
Ion Ratio Lower Upper
45 100
43 61.4 51.7 77.5
87 24.3 23.2 34.8
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 100.263 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

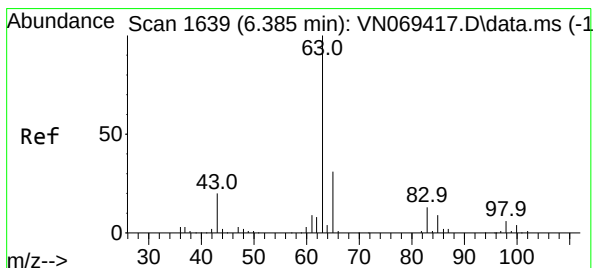
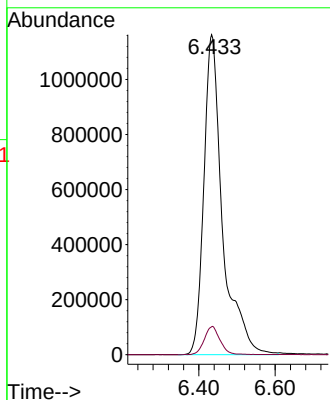
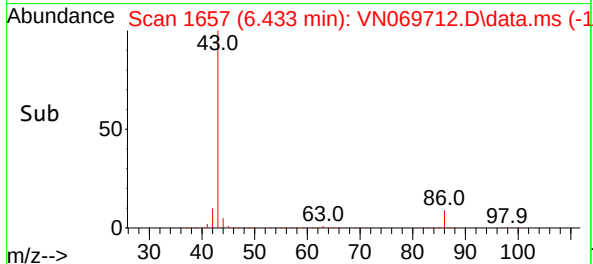
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01



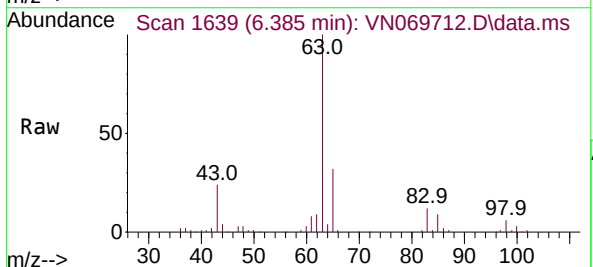
Tgt Ion: 43 Resp: 395419
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

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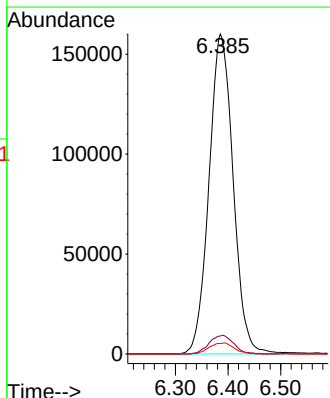
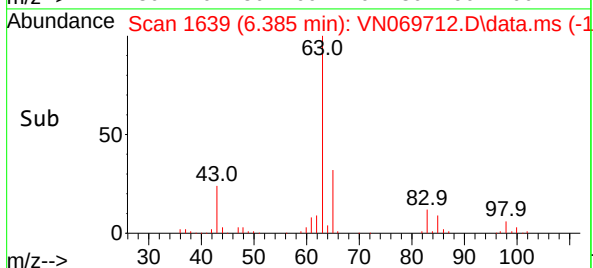
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

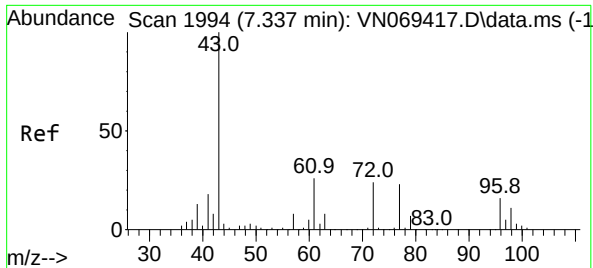


#24
 1,1-Dichloroethane
 Concen: 20.293 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05



Tgt Ion: 63 Resp: 509594
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.3 2.1 6.5





#25

2-Butanone

Concen: 85.237 ug/l

RT: 7.335 min Scan# 1994

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 43 Resp: 124290

Ion Ratio Lower Upper

43 100

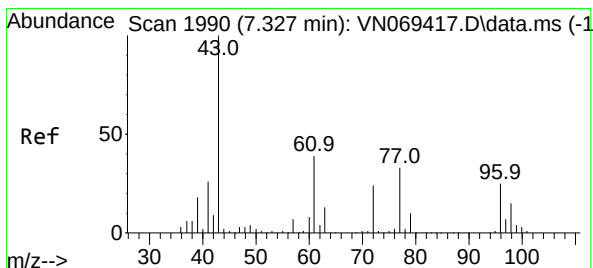
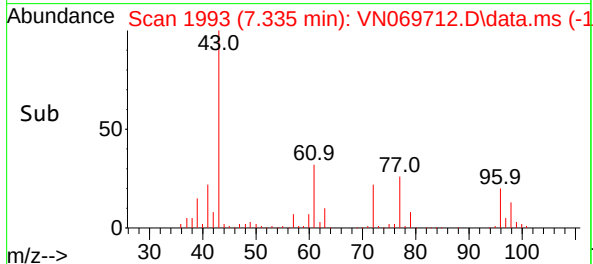
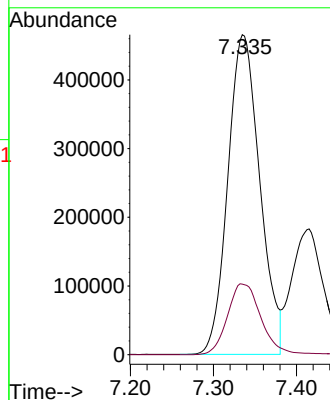
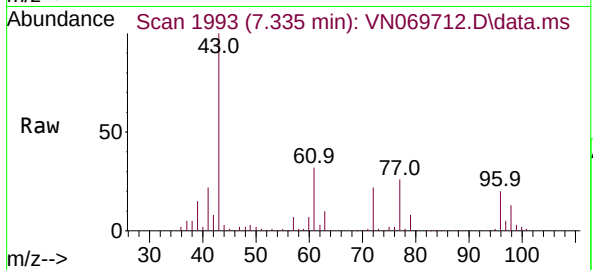
72 22.1 21.7 32.5

Manual Integrations

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Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#26

2,2-Dichloropropane

Concen: 20.199 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN069712.D

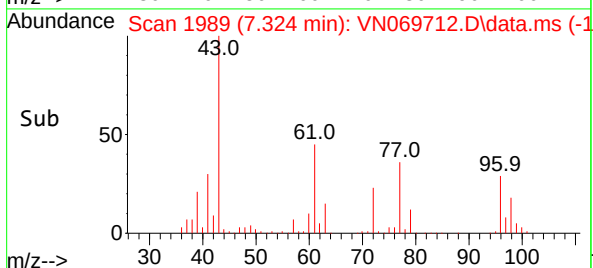
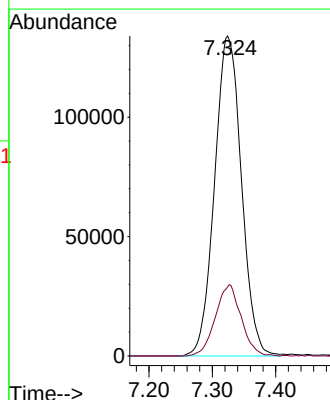
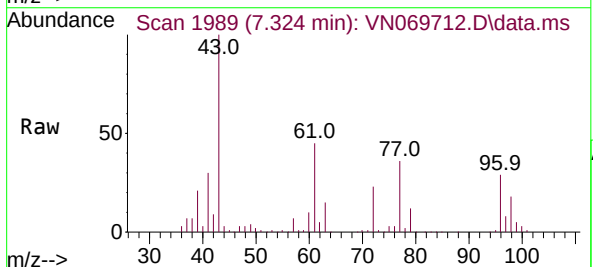
Acq: 3 Dec 2021 12:05

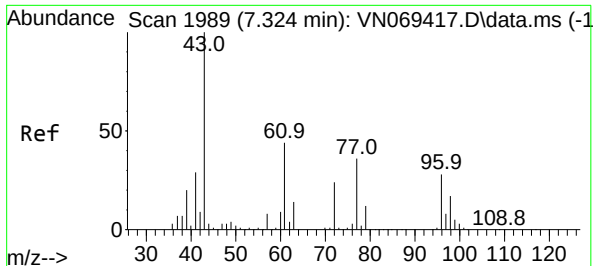
Tgt Ion: 77 Resp: 394373

Ion Ratio Lower Upper

77 100

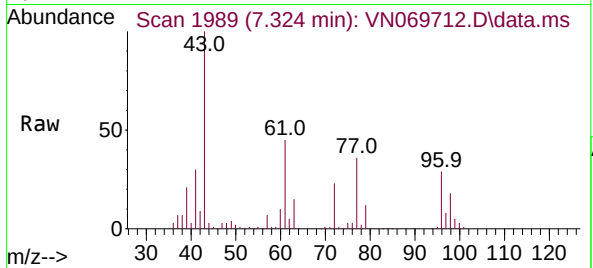
97 21.3 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.901 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

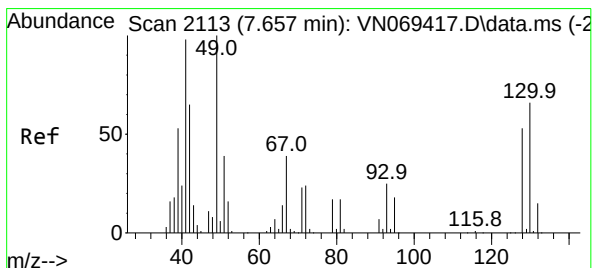
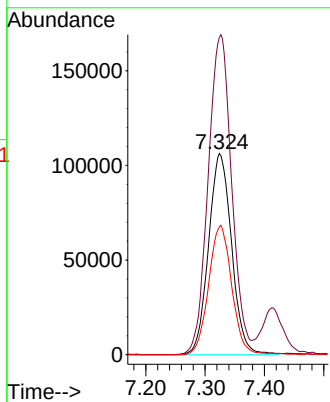
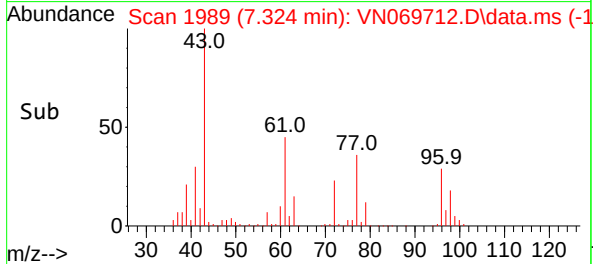
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01



Tgt Ion: 96 Resp: 28744
 Ion Ratio Lower Upper
 96 100
 61 161.8 0.0 275.0
 98 64.0 0.0 129.6

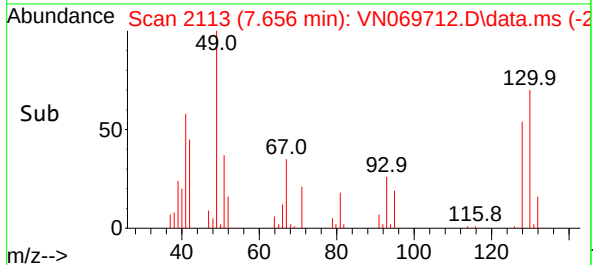
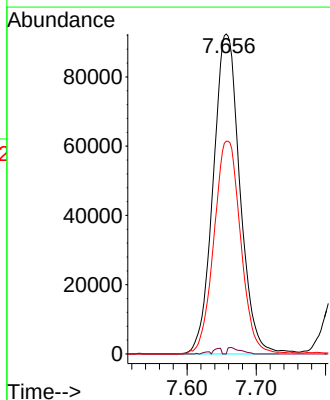
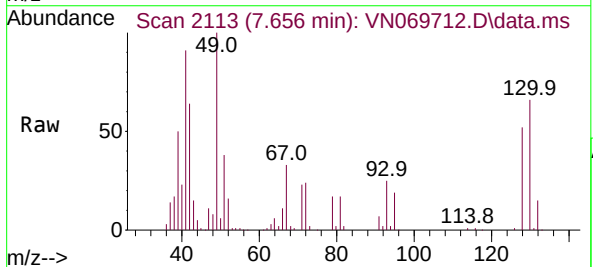
Manual Integrations
 APPROVED

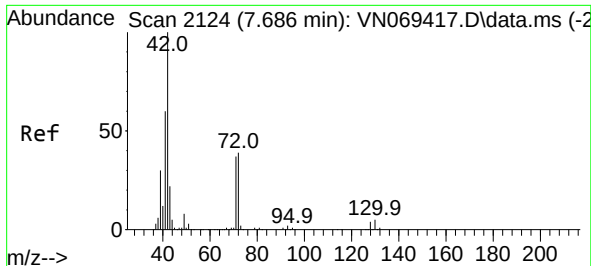
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#28
 Bromochloromethane
 Concen: 18.908 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

Tgt Ion: 49 Resp: 246909
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 4.0
 130 66.7 67.8 101.8#





#29

Tetrahydrofuran

Concen: 88.742 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 42 Resp: 78575

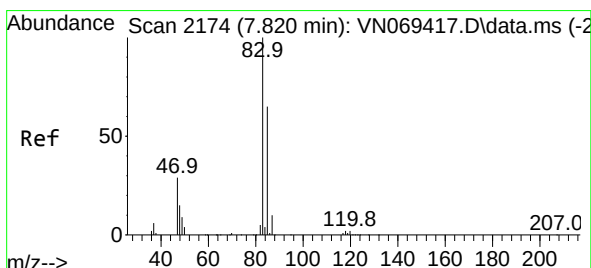
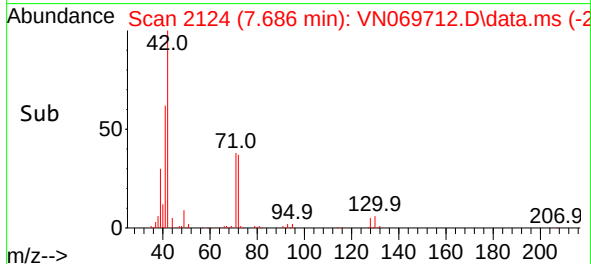
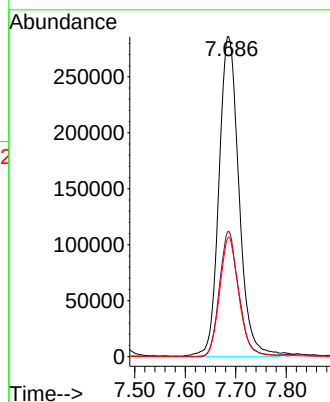
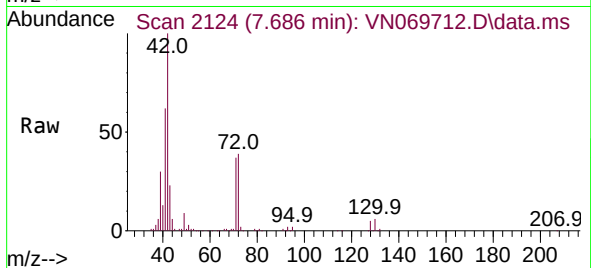
Ion	Ratio	Lower	Upper
42	100		
72	37.5	36.3	54.5
71	36.3	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#30

Chloroform

Concen: 19.986 ug/l

RT: 7.817 min Scan# 2173

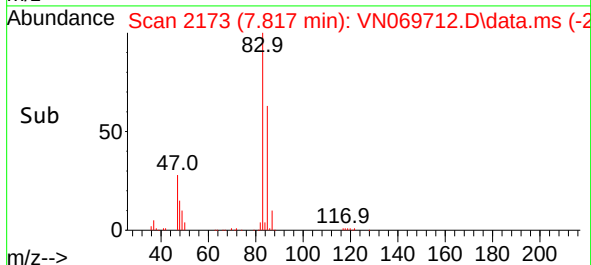
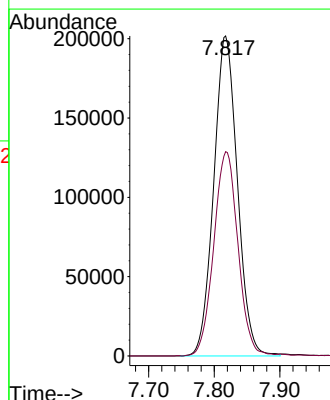
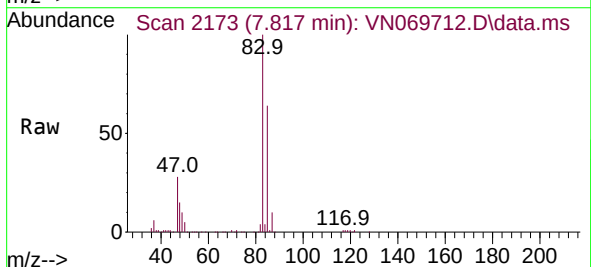
Delta R.T. -0.003 min

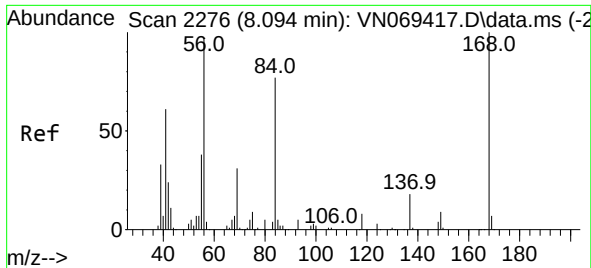
Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Tgt Ion: 83 Resp: 506869

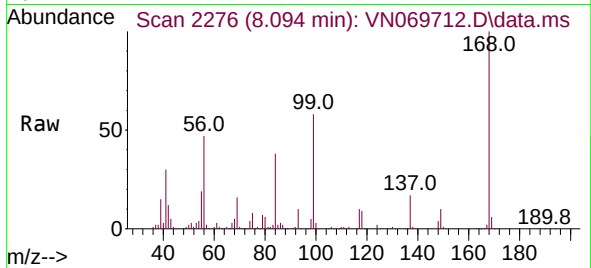
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.9	77.9





#31
Cyclohexane
Concen: 20.683 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

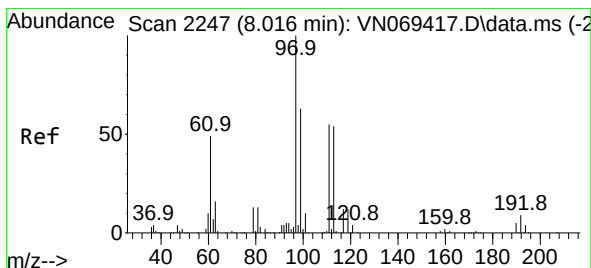
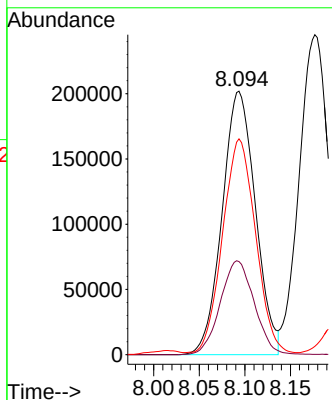
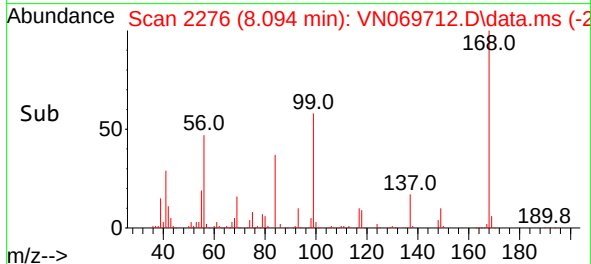
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 56 Resp: 51353
Ion Ratio Lower Upper
56 100
69 35.4 27.1 40.7
84 80.8 73.4 110.0

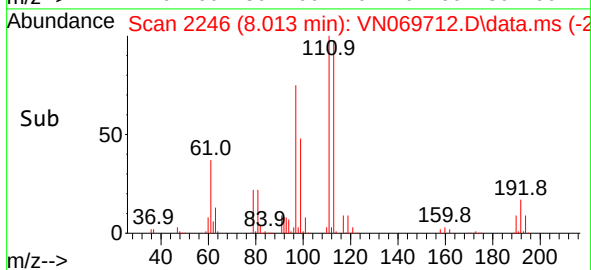
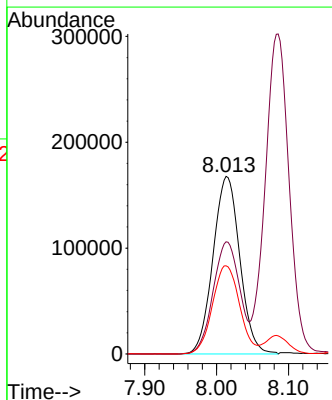
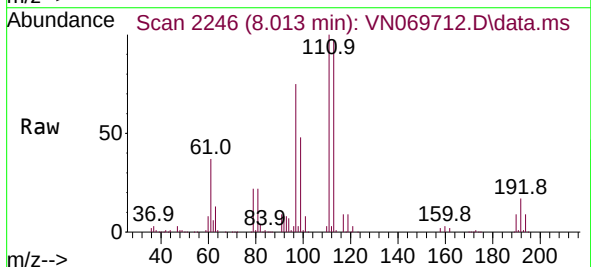
Manual Integrations
APPROVED

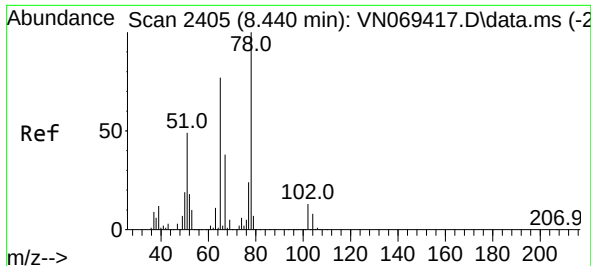
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#32
1,1,1-Trichloroethane
Concen: 20.084 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 97 Resp: 433860
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 50.6 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.084 ug/l

RT: 8.434 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 65 Resp: 85786

Ion Ratio Lower Upper

65 100

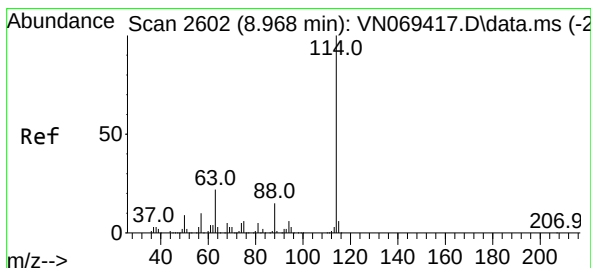
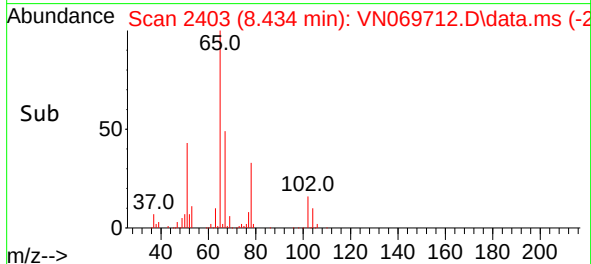
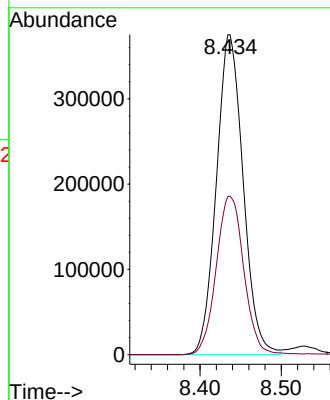
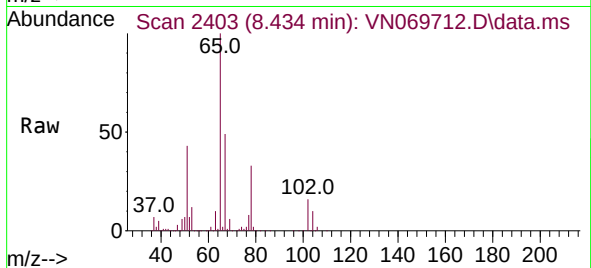
67 51.3 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

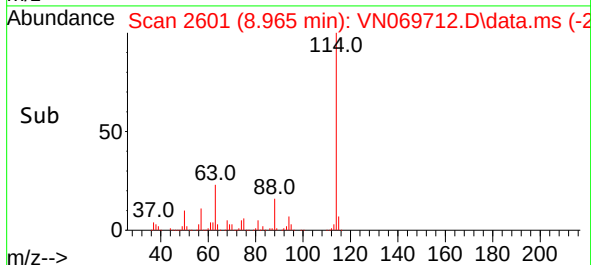
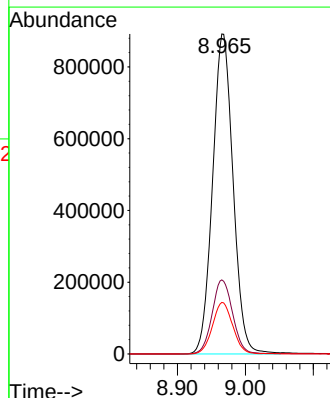
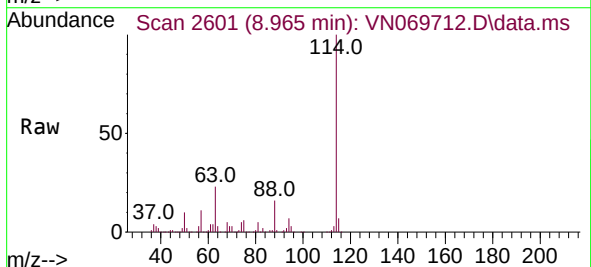
Tgt Ion:114 Resp: 1866637

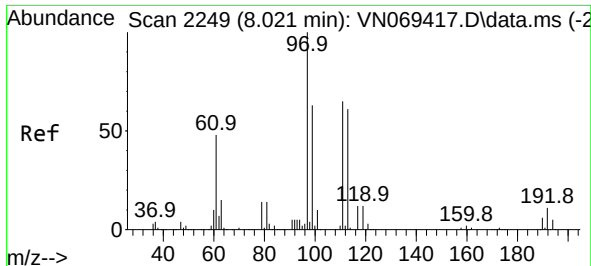
Ion Ratio Lower Upper

114 100

63 23.1 0.0 37.8

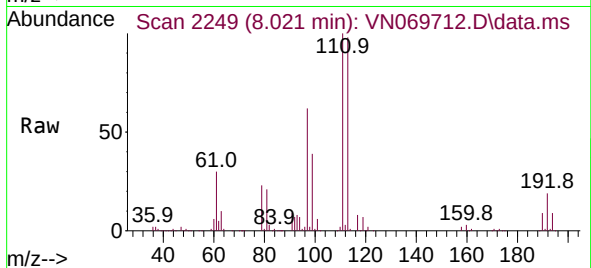
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.649 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

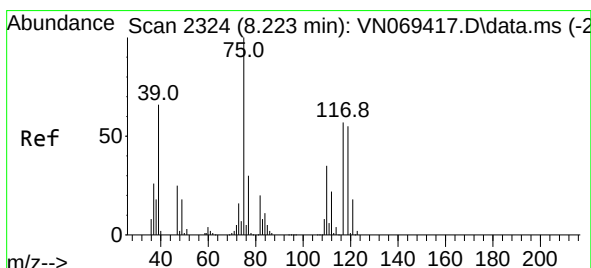
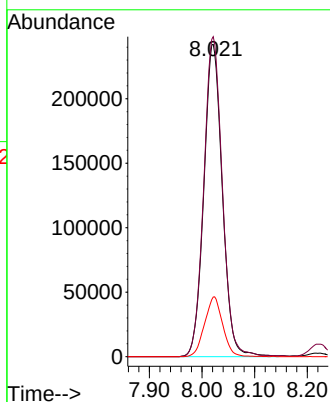
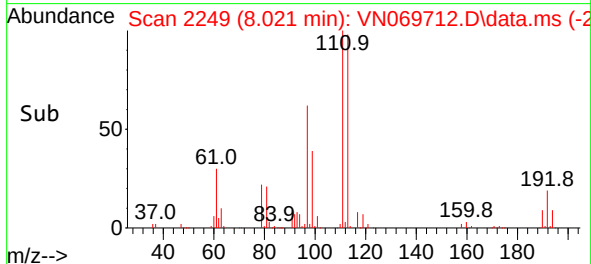
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 113 Resp: 592198
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 18.7 16.9 25.3

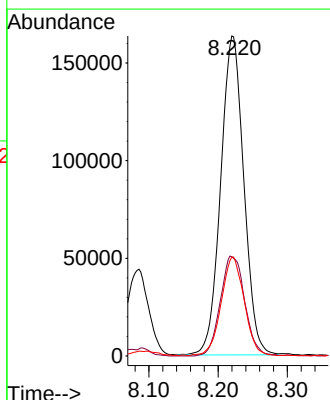
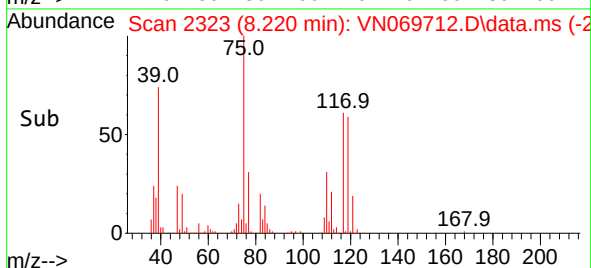
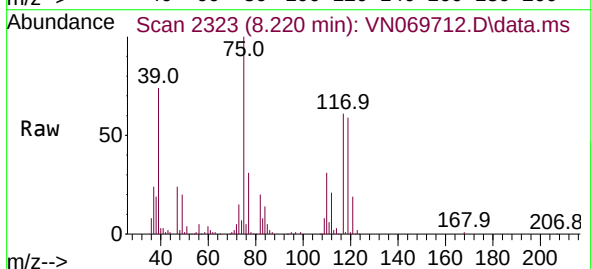
Manual Integrations
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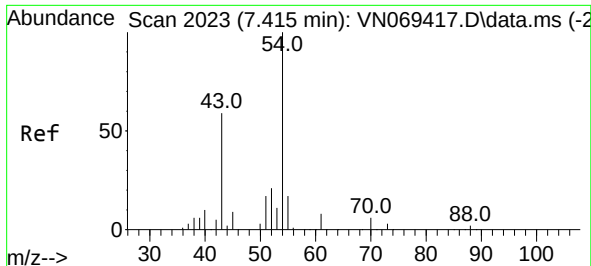
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#36
1,1-Dichloropropene
Concen: 21.351 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 75 Resp: 379396
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.7 24.4 36.6





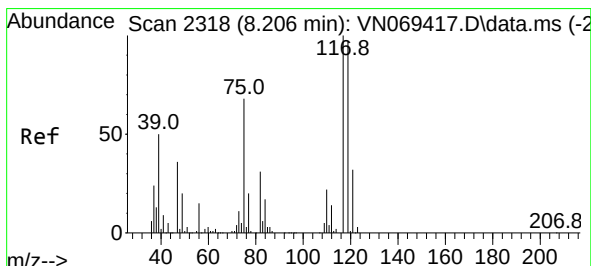
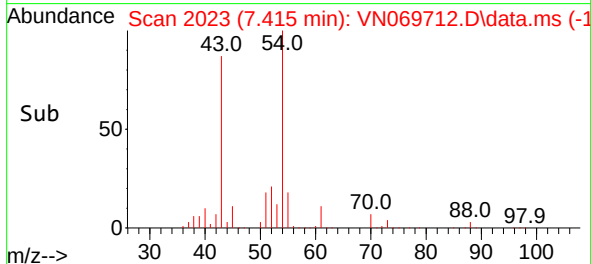
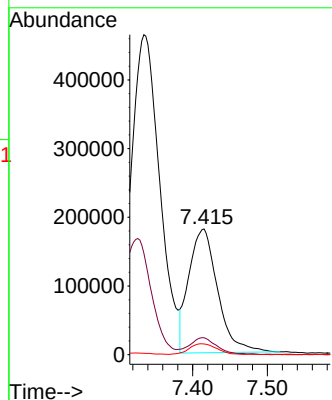
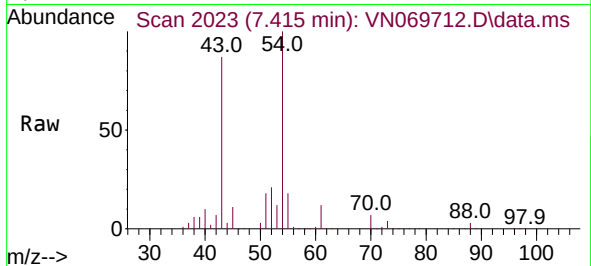
#37
Ethyl Acetate
Concen: 18.271 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 43 Resp: 483244
Ion Ratio Lower Upper
43 100
61 11.3 11.5 17.3
70 7.9 7.9 11.9

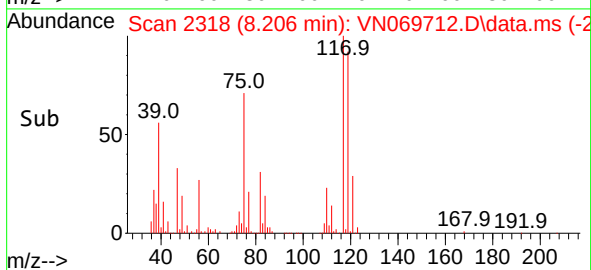
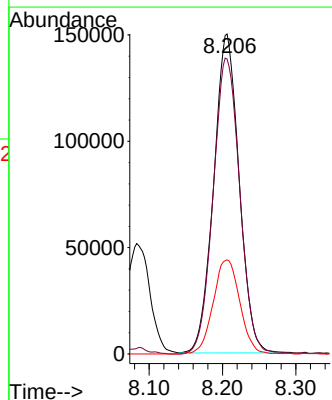
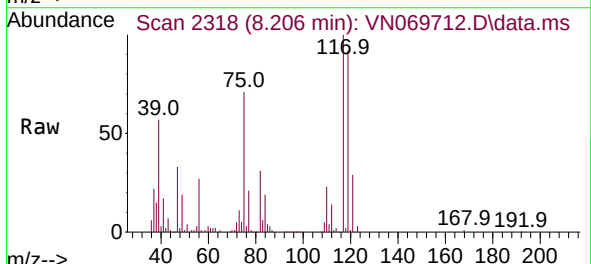
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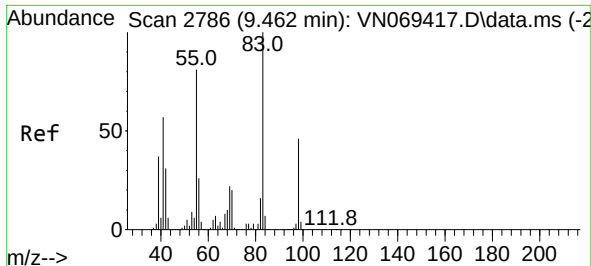
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#38
Carbon Tetrachloride
Concen: 20.737 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion:117 Resp: 361344
Ion Ratio Lower Upper
117 100
119 92.4 76.1 114.1
121 29.5 24.2 36.2





#39

Methylcyclohexane

Concen: 21.973 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 83 Resp: 464428

Ion Ratio Lower Upper

83 100

55 85.5 58.1 87.1

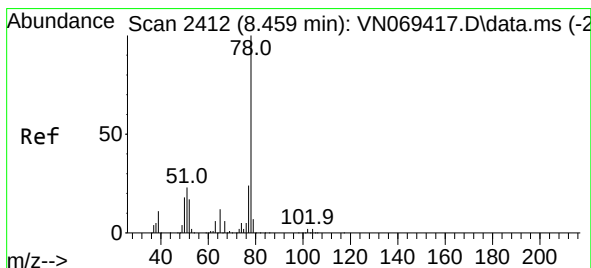
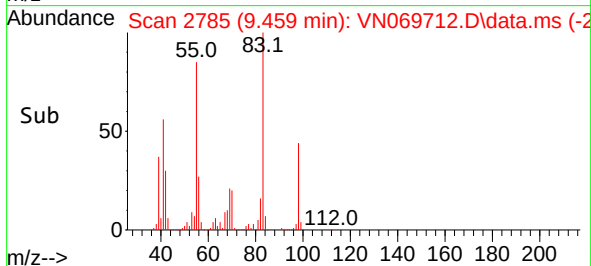
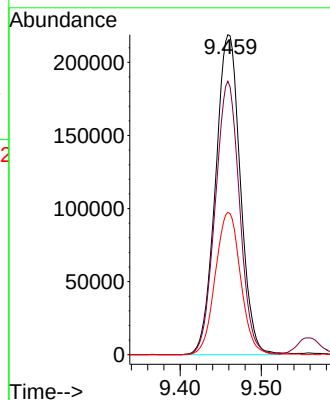
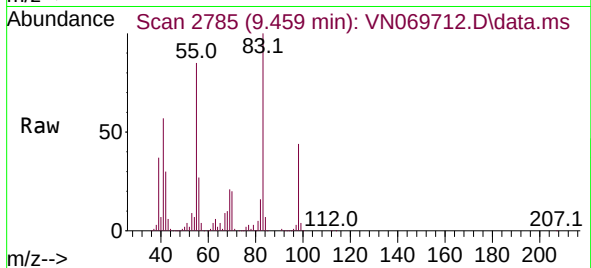
98 44.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#40

Benzene

Concen: 20.804 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN069712.D

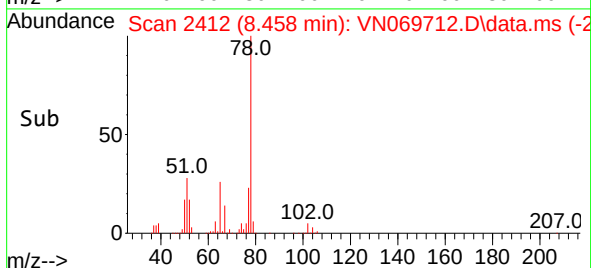
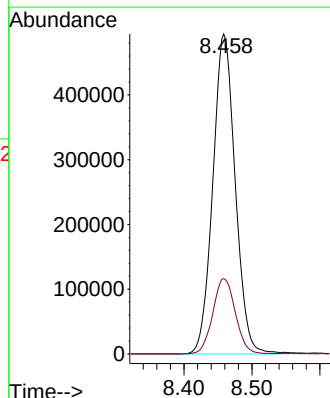
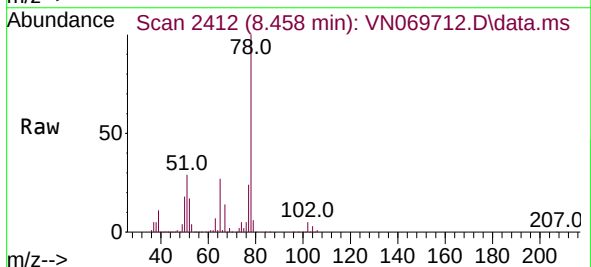
Acq: 3 Dec 2021 12:05

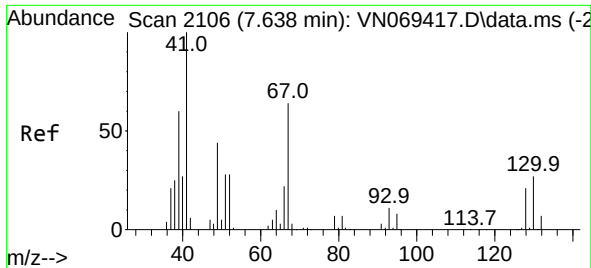
Tgt Ion: 78 Resp: 1129989

Ion Ratio Lower Upper

78 100

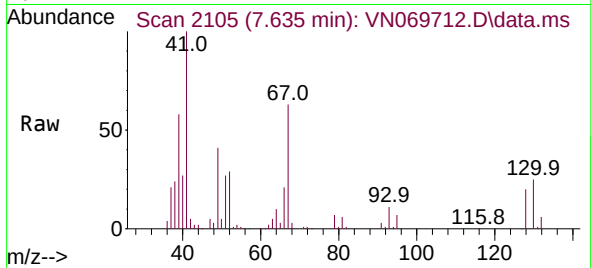
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 18.842 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

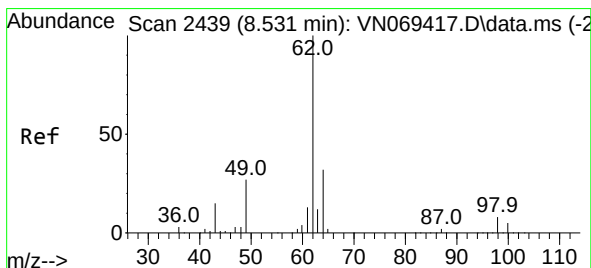
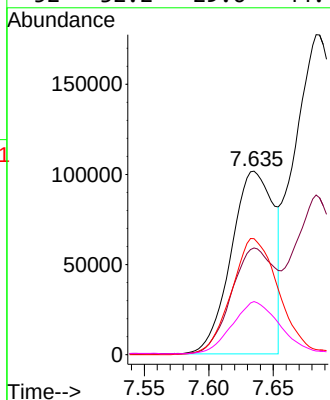
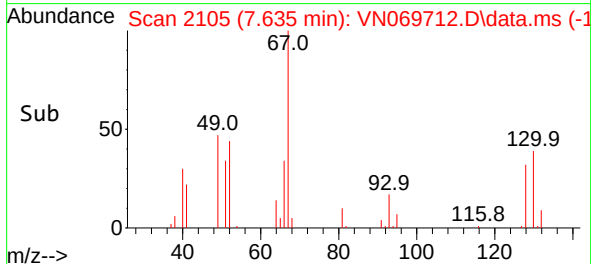
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 41 Resp: 233929
Ion Ratio Lower Upper
41 100
39 61.0 48.1 72.1
67 71.7 68.3 102.5
52 32.2 29.6 44.4

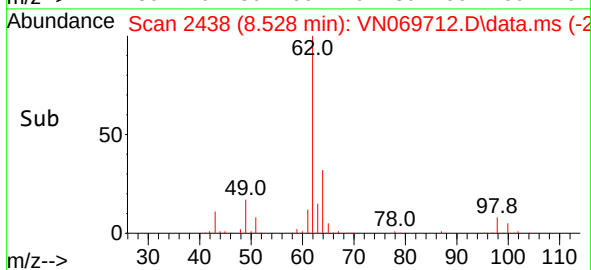
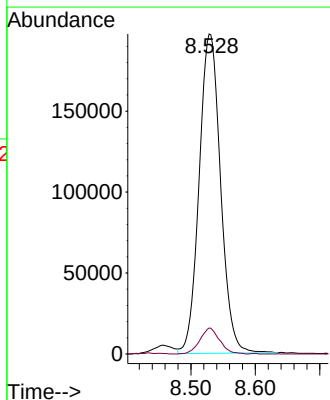
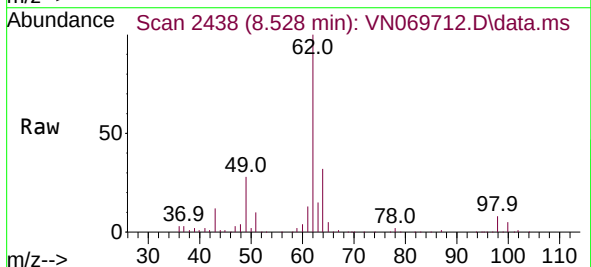
Manual Integrations
APPROVED

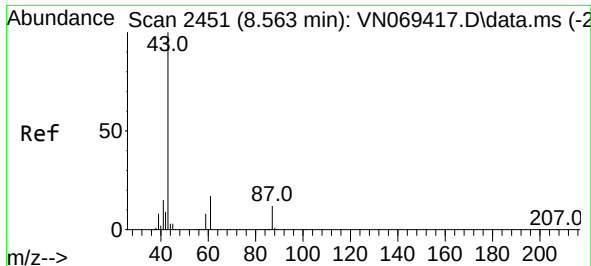
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#42
1,2-Dichloroethane
Concen: 20.796 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

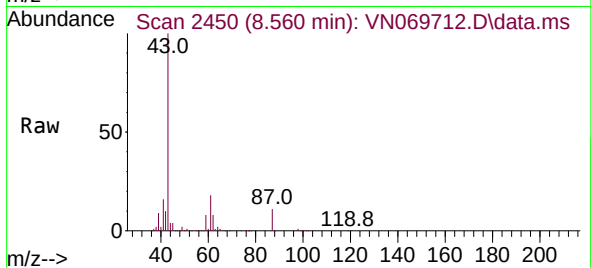
Tgt Ion: 62 Resp: 455981
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.345 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

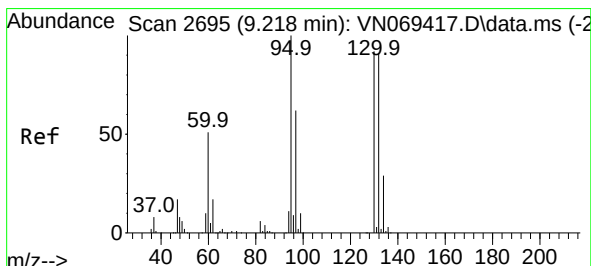
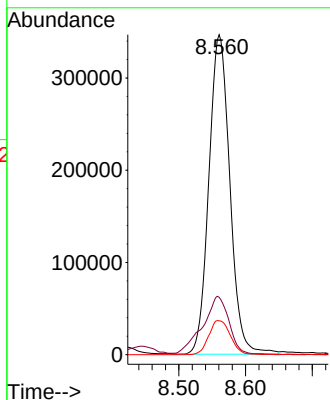
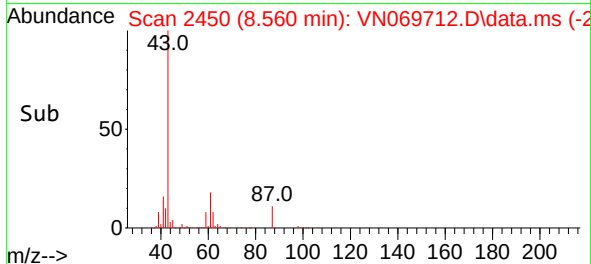
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 43 Resp: 757139
Ion Ratio Lower Upper
43 100
61 23.0 20.4 30.6
87 11.0 11.2 16.8

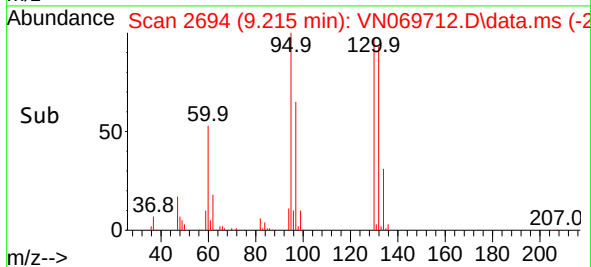
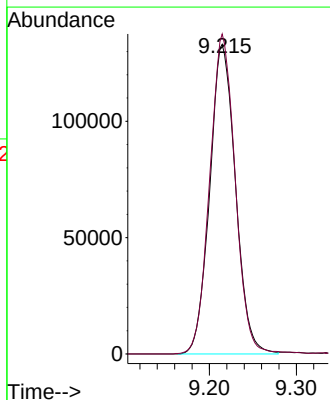
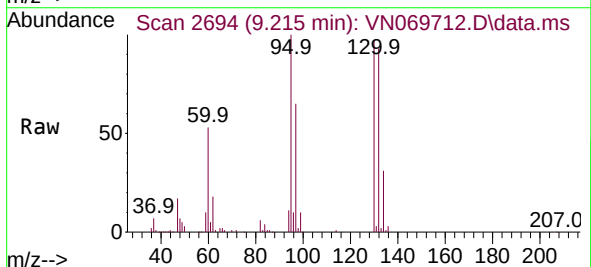
Manual Integrations
APPROVED

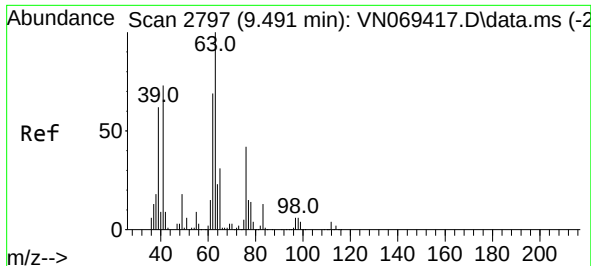
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#44
Trichloroethene
Concen: 21.115 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion:130 Resp: 273733
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.645 ug/l

RT: 9.488 min Scan# 2110

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 63 Resp: 301110

Ion Ratio Lower Upper

63 100

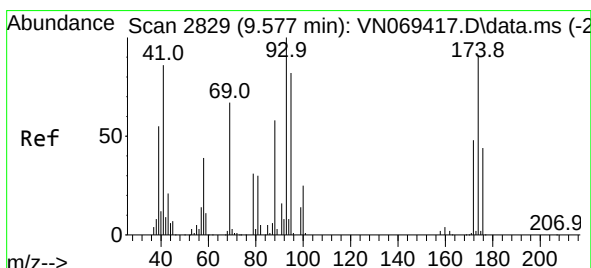
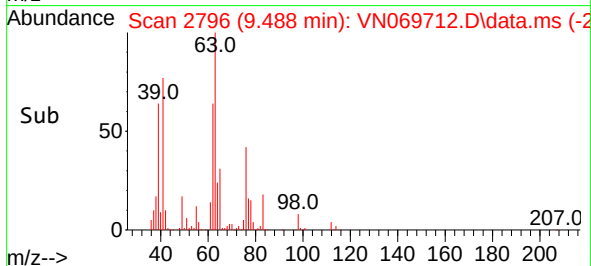
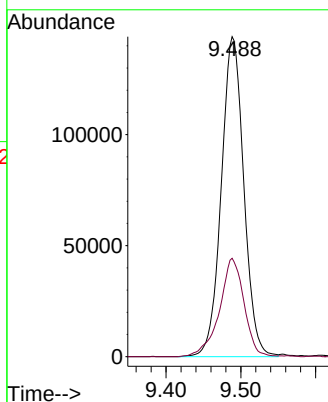
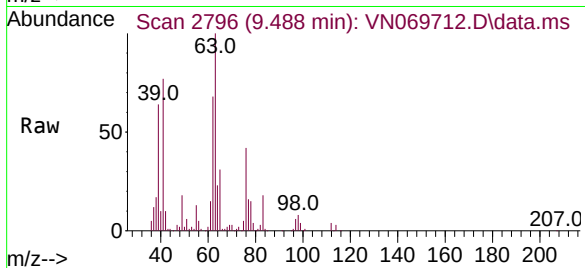
65 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#46

Dibromomethane

Concen: 20.525 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

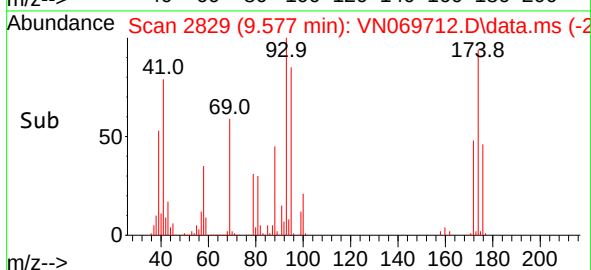
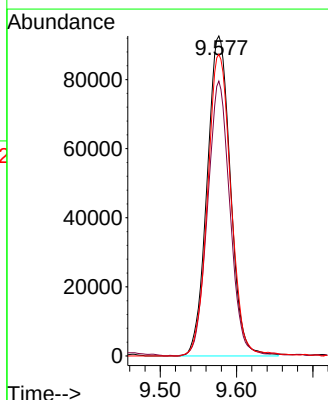
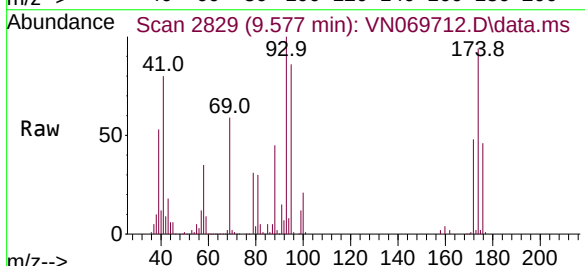
Tgt Ion: 93 Resp: 196337

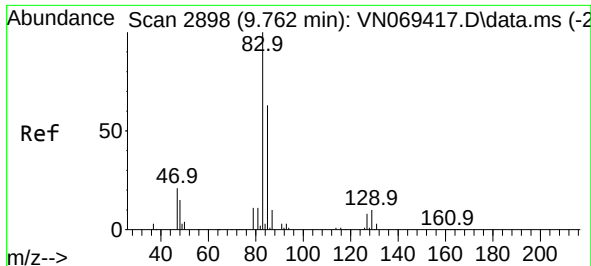
Ion Ratio Lower Upper

93 100

95 82.3 65.9 98.9

174 94.6 84.6 127.0





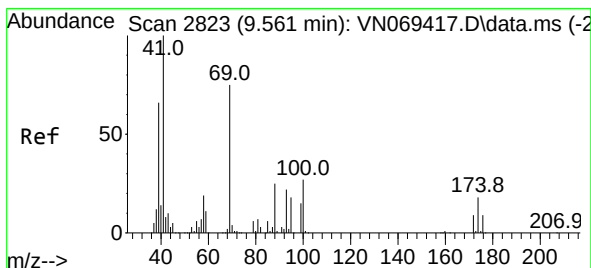
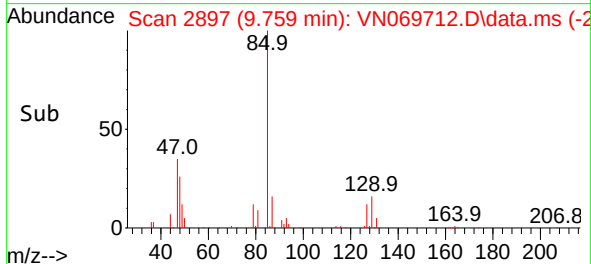
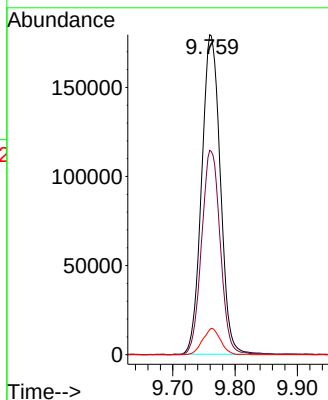
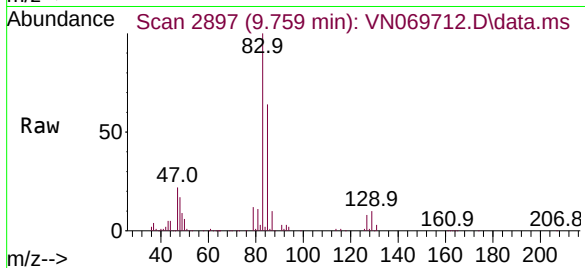
#47
Bromodichloromethane
Concen: 20.561 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 83 Resp: 37238
Ion Ratio Lower Upper
83 100
85 64.0 50.9 76.3
127 7.9 7.1 10.7

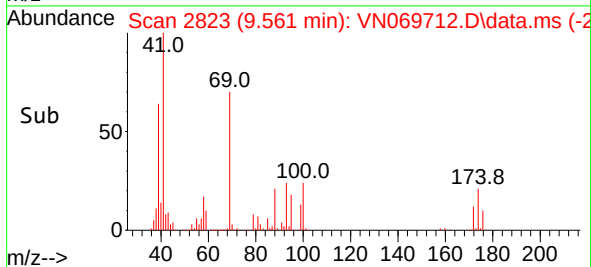
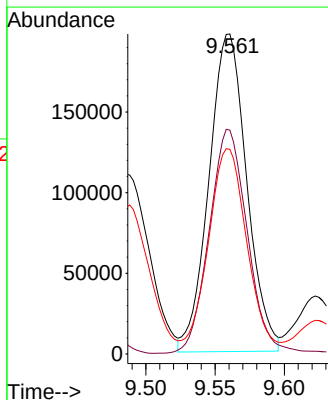
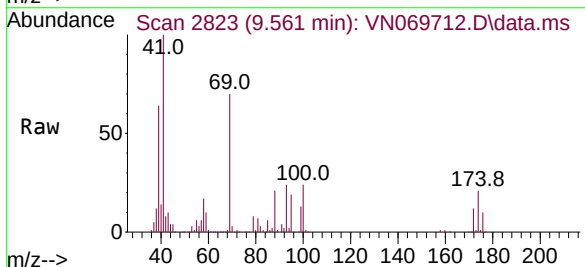
Manual Integrations
APPROVED

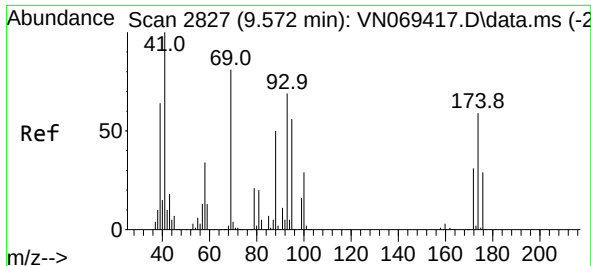
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#48
Methyl methacrylate
Concen: 20.487 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

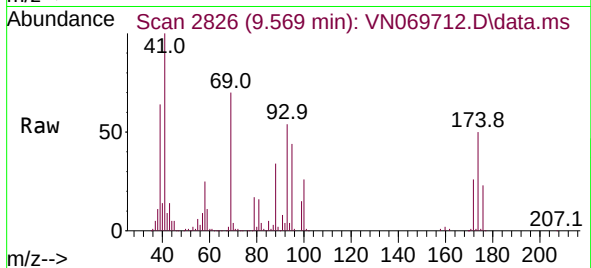
Tgt Ion: 41 Resp: 374194
Ion Ratio Lower Upper
41 100
69 71.2 72.4 108.6
39 59.5 58.4 87.6





#49
1,4-Dioxane
Concen: 333.884 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

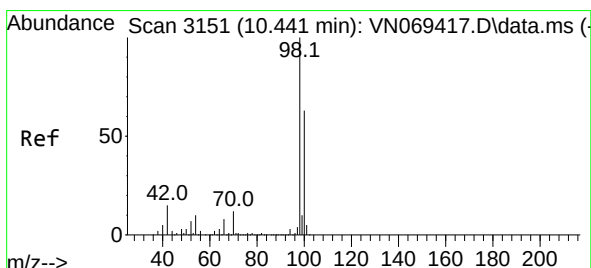
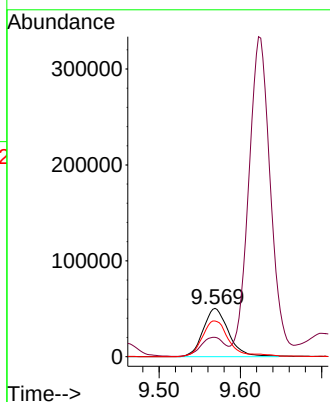
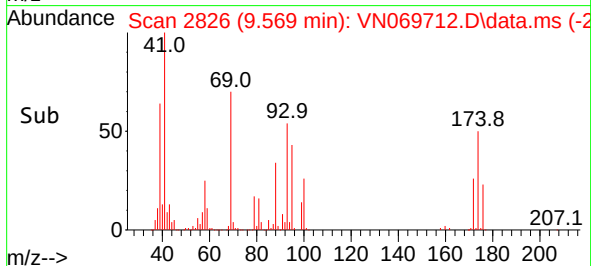
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 88 Resp: 109425
Ion Ratio Lower Upper
88 100
43 36.1 23.4 35.2
58 74.1 50.6 75.8

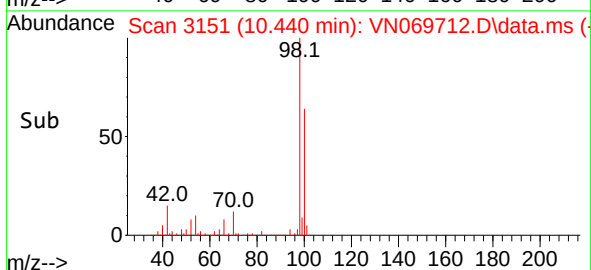
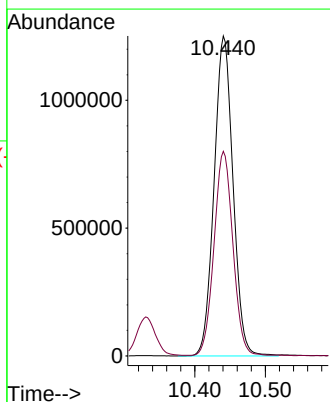
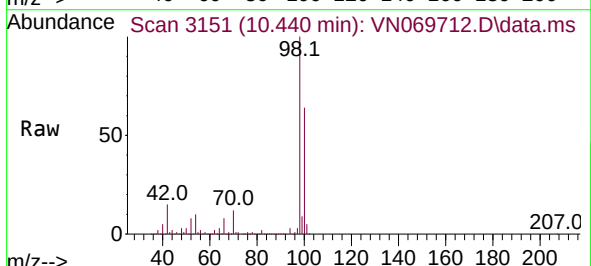
Manual Integrations
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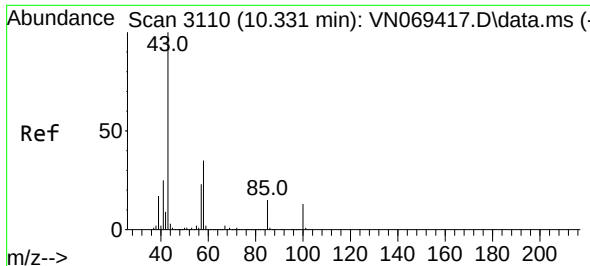
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#50
Toluene-d8
Concen: 49.753 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 98 Resp: 2335797
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





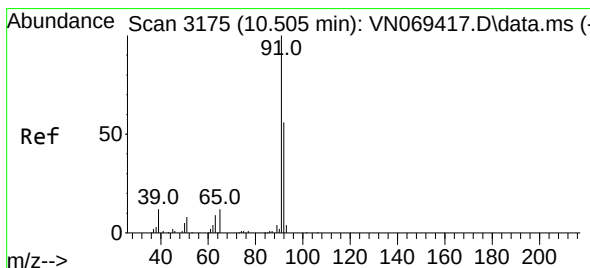
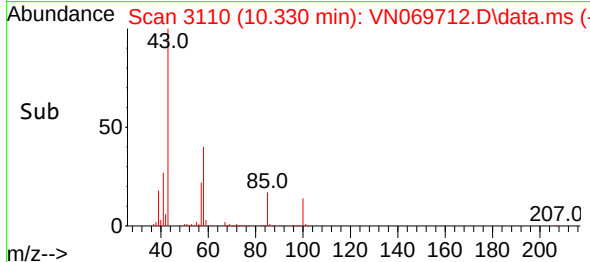
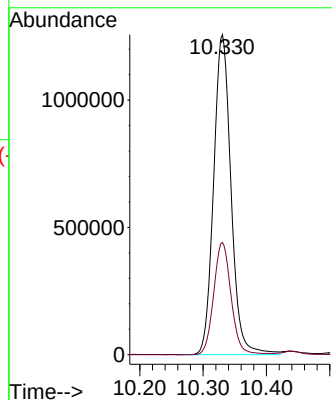
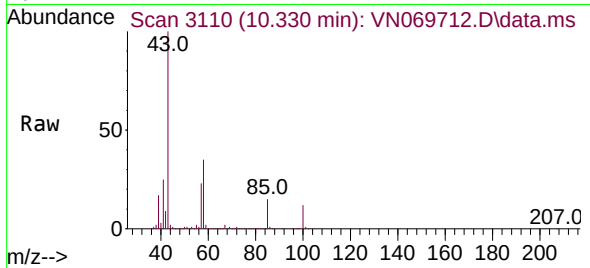
#51
4-Methyl-2-Pentanone
Concen: 94.563 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 43 Resp: 240100
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

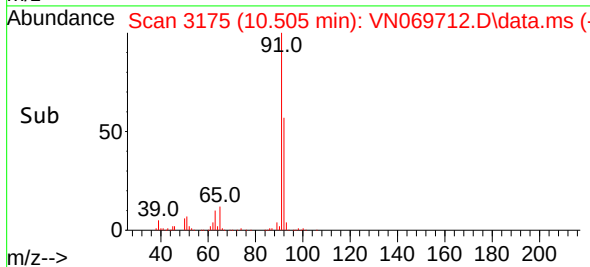
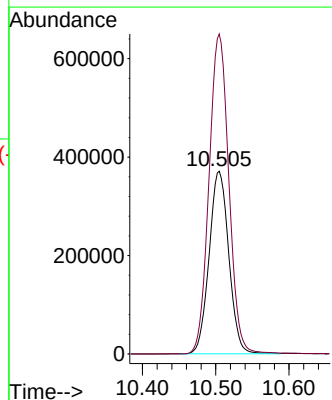
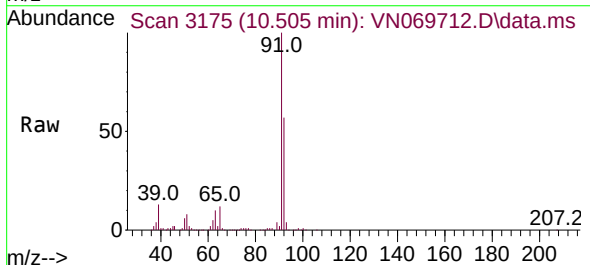
Manual Integrations
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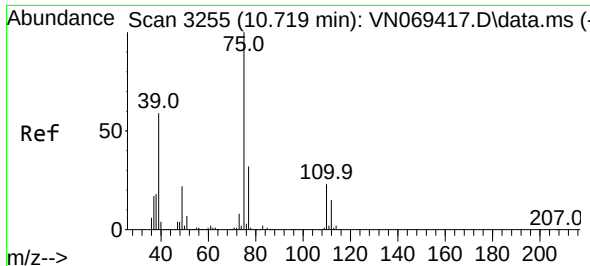
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#52
Toluene
Concen: 20.891 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

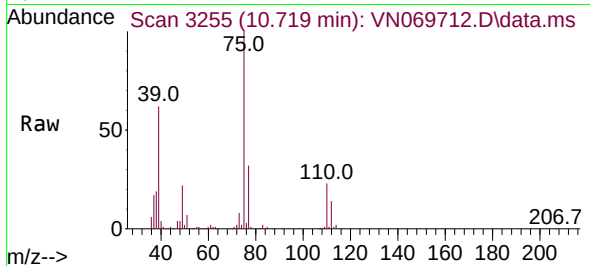
Tgt Ion: 92 Resp: 692763
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.747 ug/l
RT: 10.719 min Scan# 3125
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

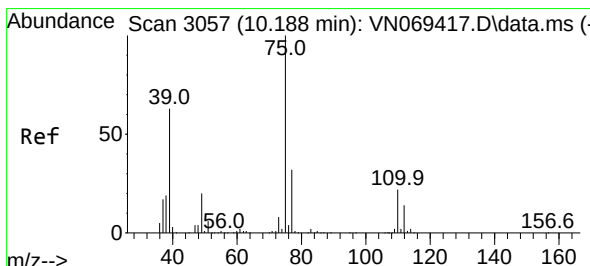
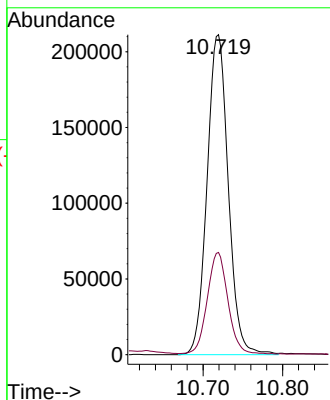
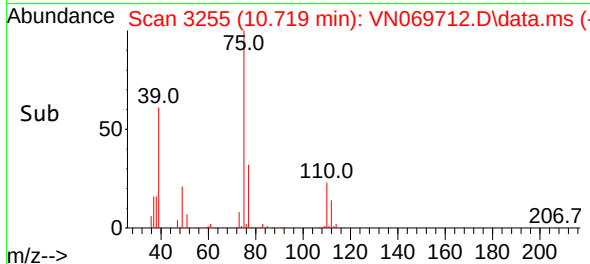
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 75 Resp: 391217
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

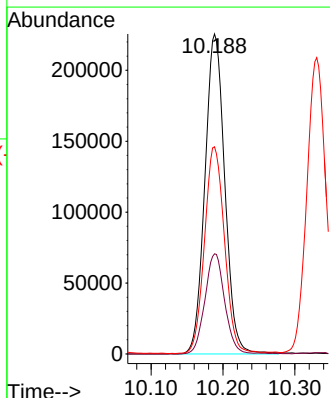
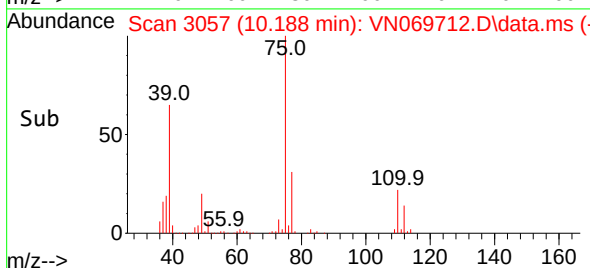
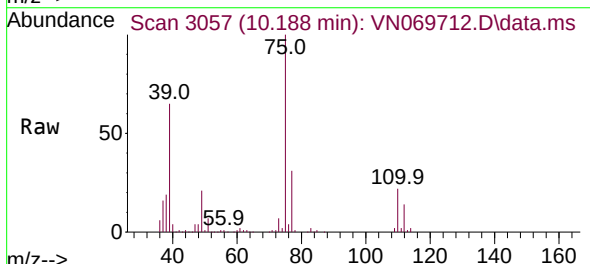
Manual Integrations
APPROVED

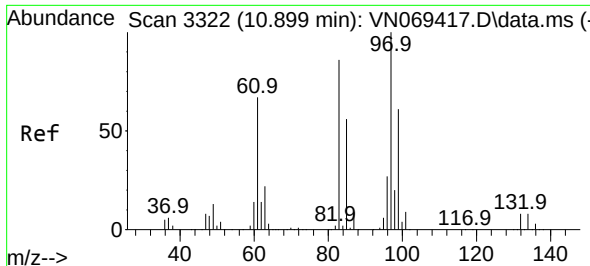
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#54
cis-1,3-Dichloropropene
Concen: 20.246 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

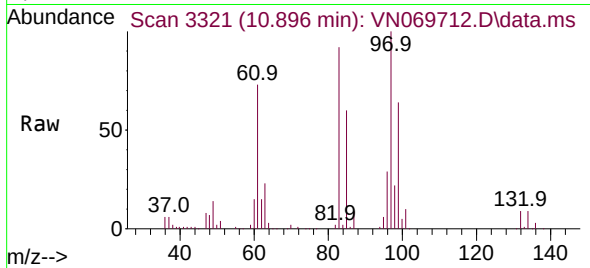
Tgt Ion: 75 Resp: 434586
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 64.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.011 ug/l
RT: 10.896 min Scan# 3322
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

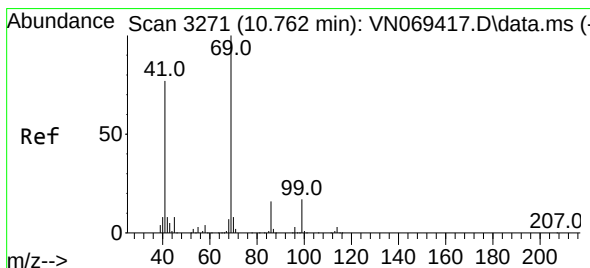
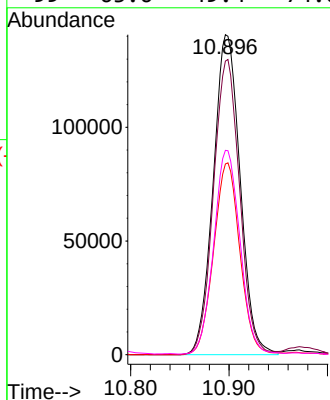
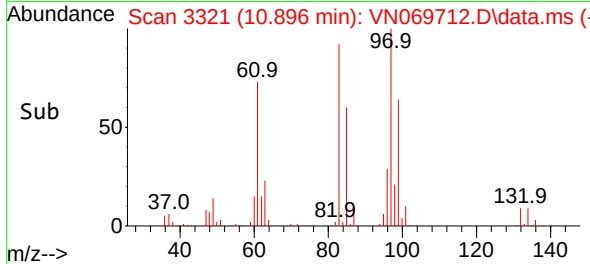
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



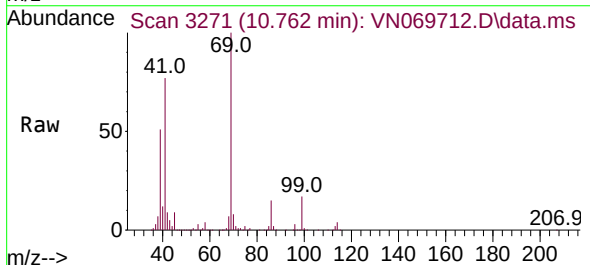
Tgt Ion: 97 Resp: 267745
Ion Ratio Lower Upper
97 100
83 91.7 67.8 101.6
85 59.6 45.4 68.2
99 63.6 49.4 74.0

Manual Integrations
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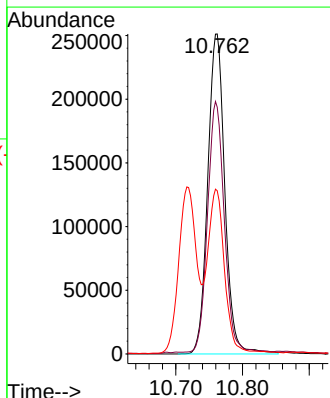
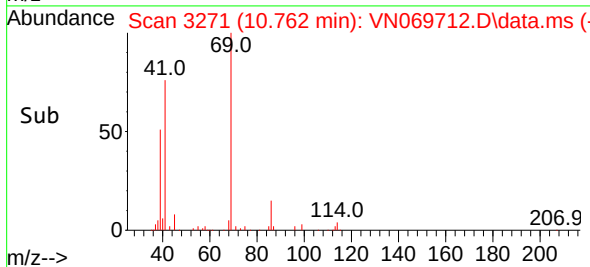
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

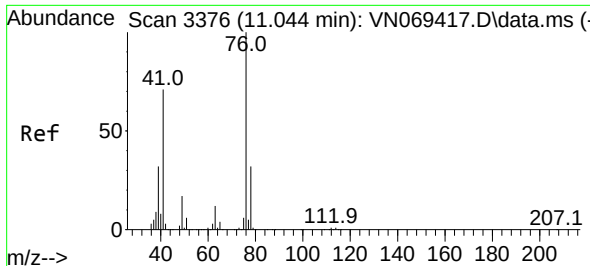


#56
Ethyl methacrylate
Concen: 19.164 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



Tgt Ion: 69 Resp: 446616
Ion Ratio Lower Upper
69 100
41 75.9 51.4 77.0
39 49.4 34.6 52.0





#57

1,3-Dichloropropane

Concen: 20.358 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion: 76 Resp: 479604

Ion Ratio Lower Upper

76 100

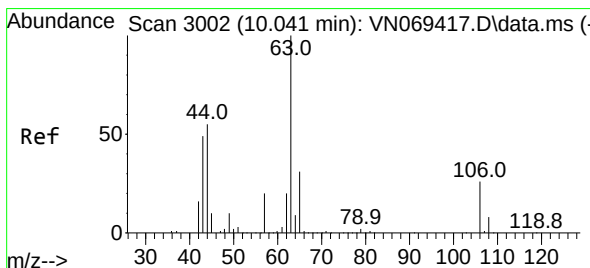
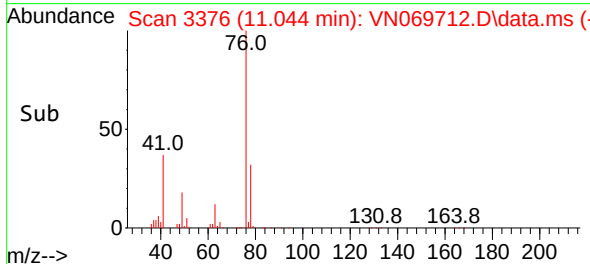
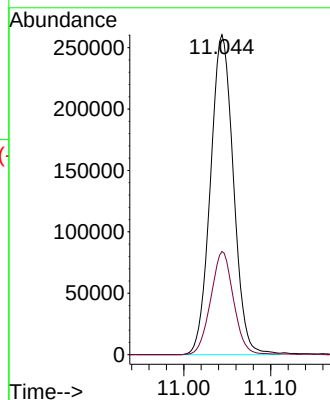
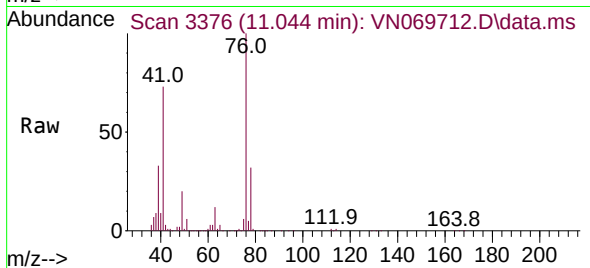
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#58

2-Chloroethyl Vinyl ether

Concen: 84.095 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN069712.D

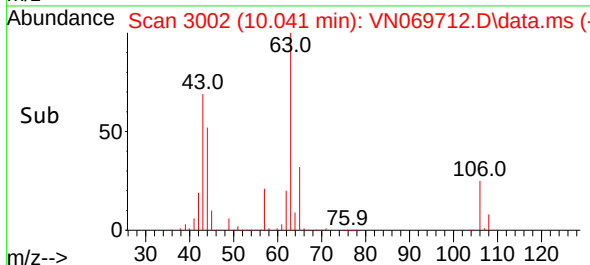
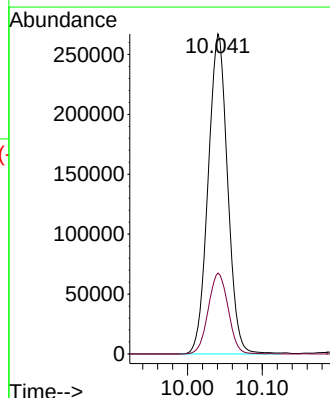
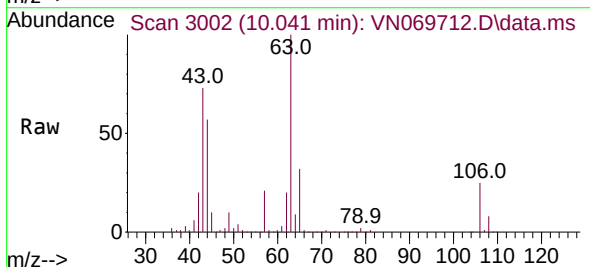
Acq: 3 Dec 2021 12:05

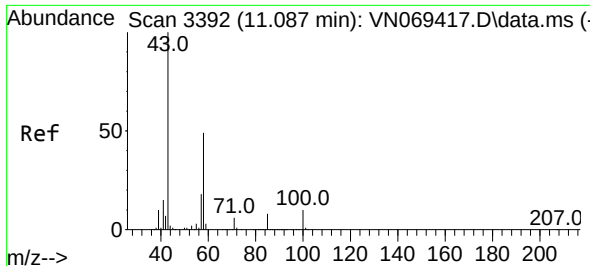
Tgt Ion: 63 Resp: 483505

Ion Ratio Lower Upper

63 100

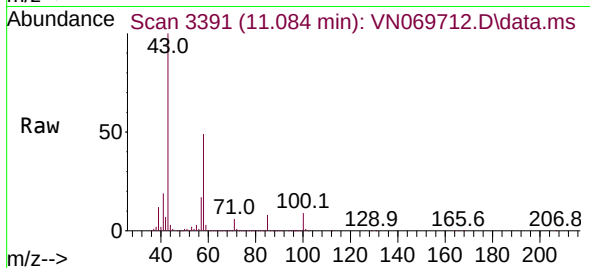
106 25.8 23.9 35.9





#59
2-Hexanone
Concen: 88.401 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

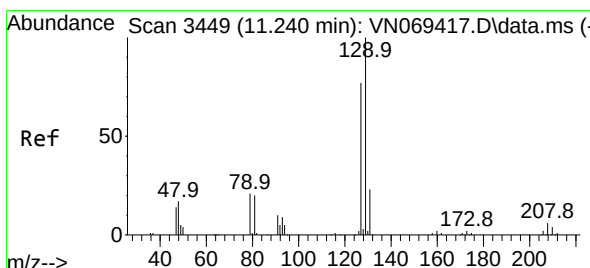
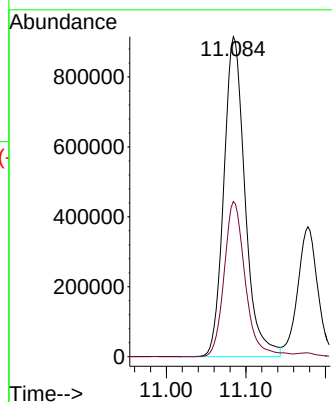
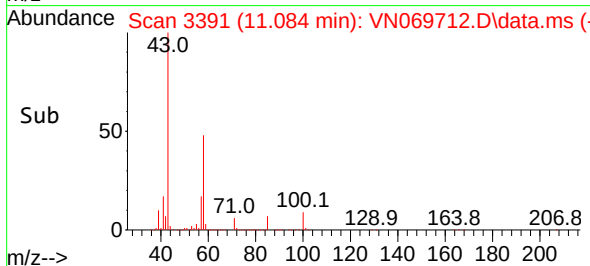
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 43 Resp: 1697910
Ion Ratio Lower Upper
43 100
58 48.4 26.9 80.7

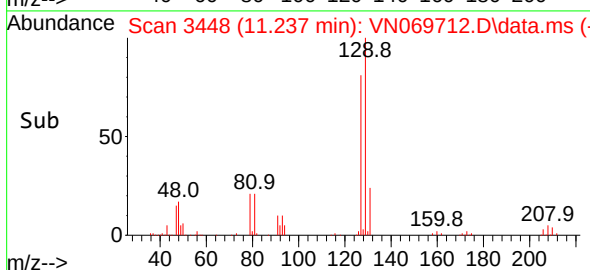
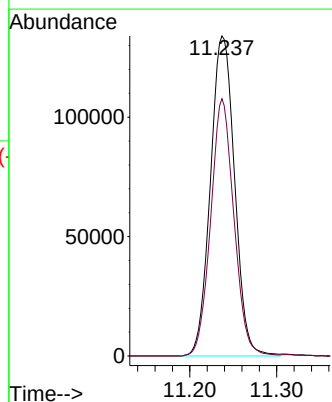
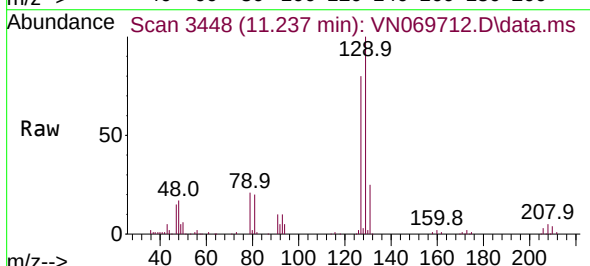
Manual Integrations
APPROVED

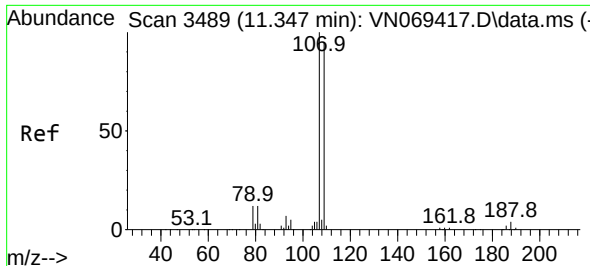
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#60
Dibromochloromethane
Concen: 19.599 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

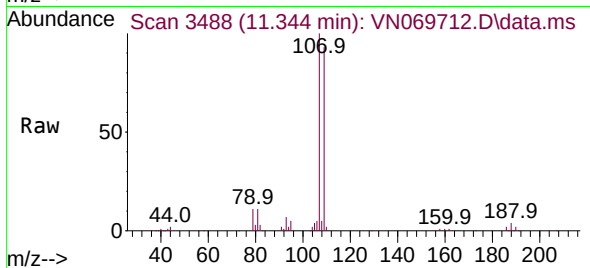
Tgt Ion:129 Resp: 259217
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.924 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

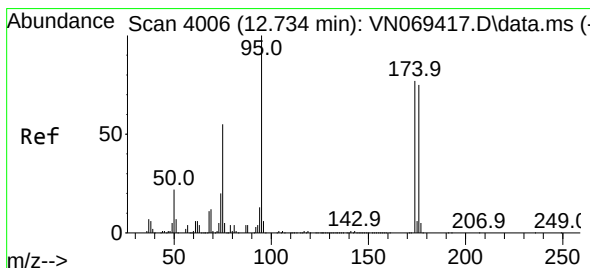
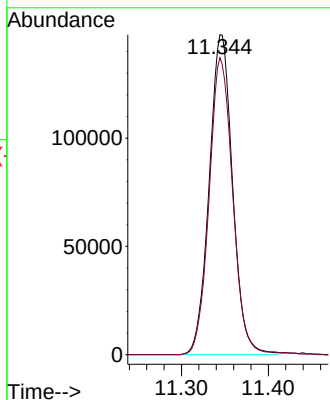
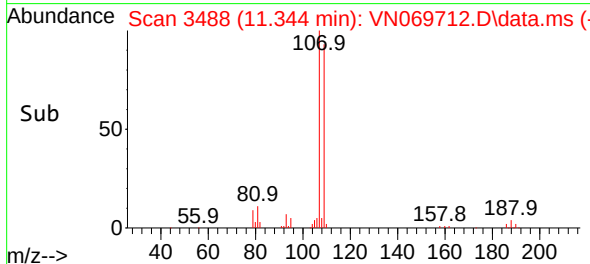
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:107 Resp: 276104
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

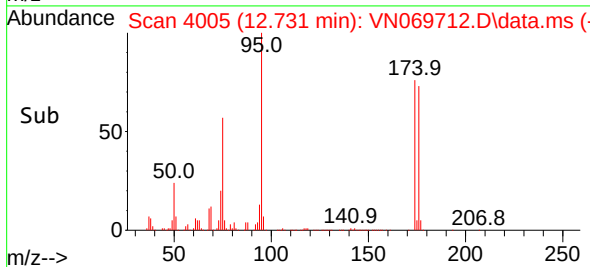
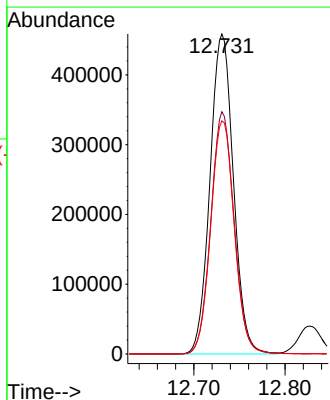
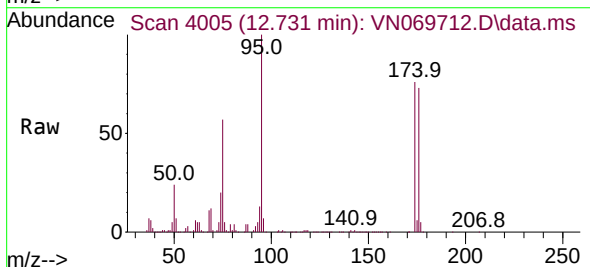
Manual Integrations
APPROVED

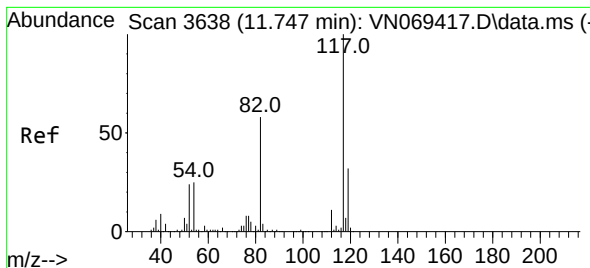
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 95 Resp: 818916
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 73.3 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: VN069712.D

Acq: 3 Dec 2021 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBS01

Tgt Ion:117 Resp: 171212

Ion Ratio Lower Upper

117 100

82 59.5 42.4 63.6

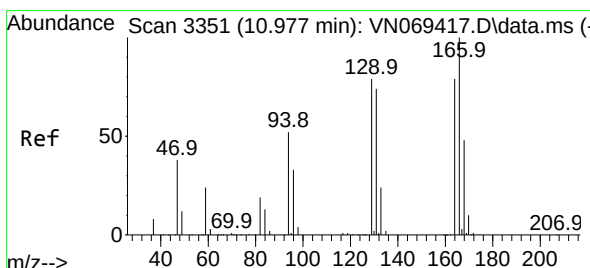
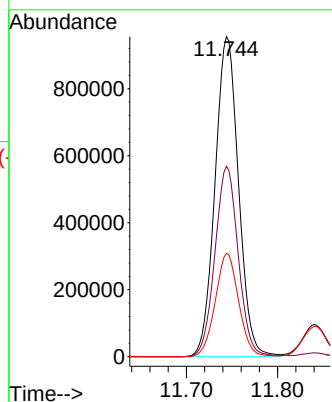
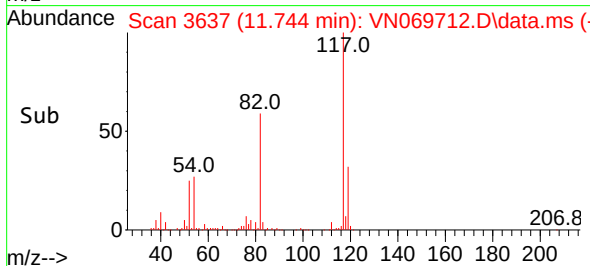
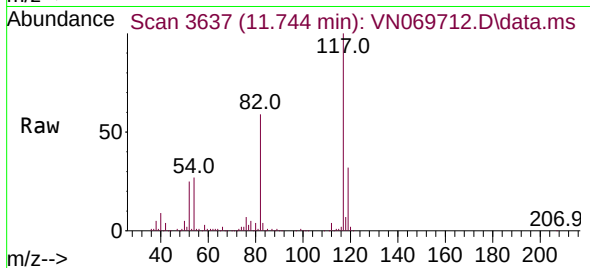
119 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2021

Supervised By :Mahesh Dadoda 12/06/2021



#64

Tetrachloroethene

Concen: 22.258 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069712.D

Acq: 3 Dec 2021 12:05

Tgt Ion:164 Resp: 258404

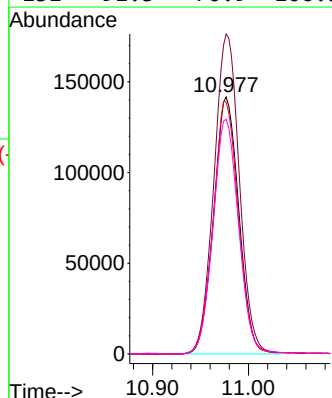
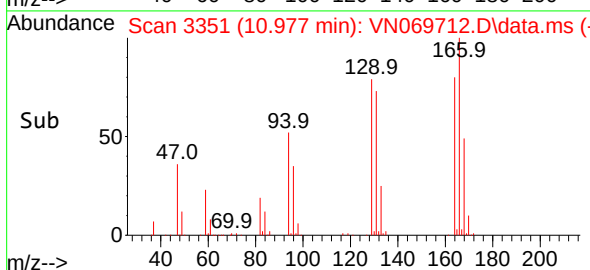
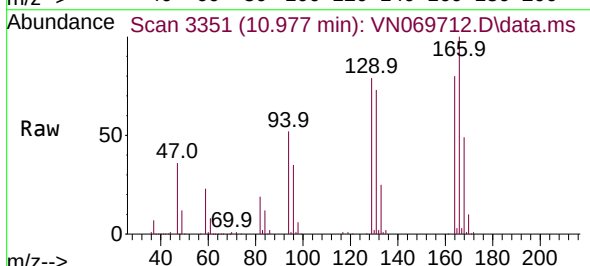
Ion Ratio Lower Upper

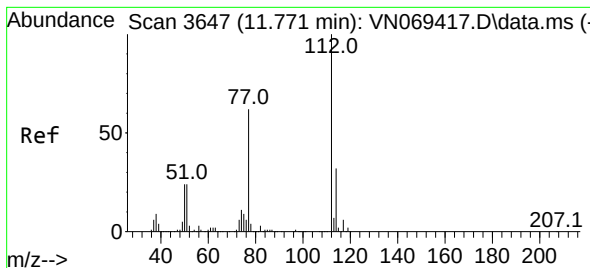
164 100

166 124.5 101.9 152.9

129 98.1 72.0 108.0

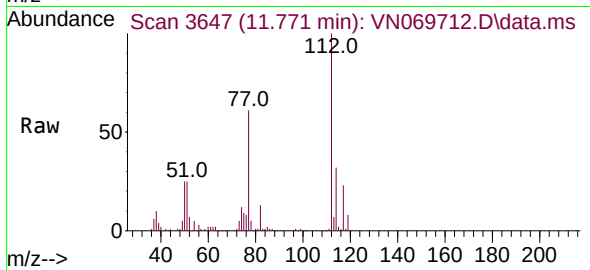
131 91.3 70.9 106.3





#65
Chlorobenzene
Concen: 21.052 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

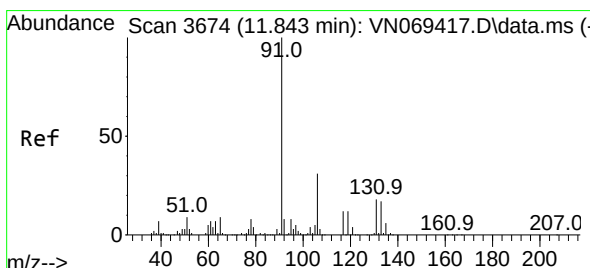
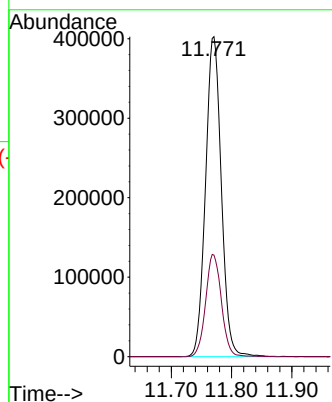
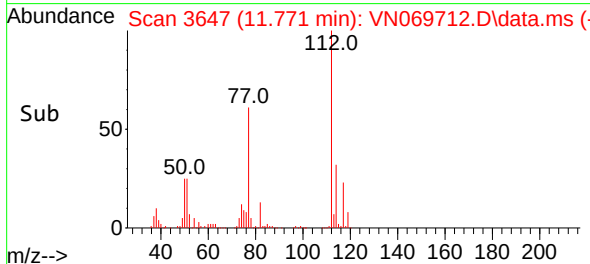
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



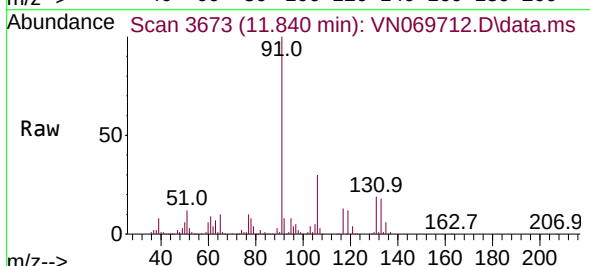
Tgt Ion:112 Resp: 731215
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

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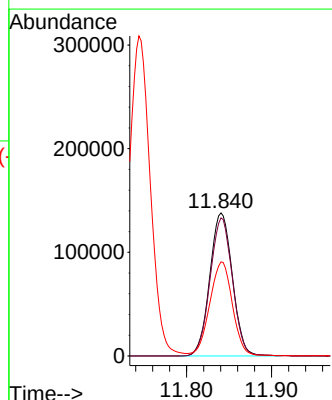
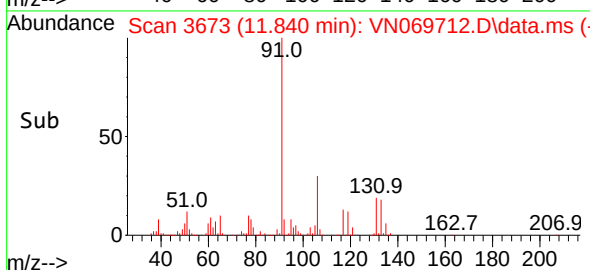
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

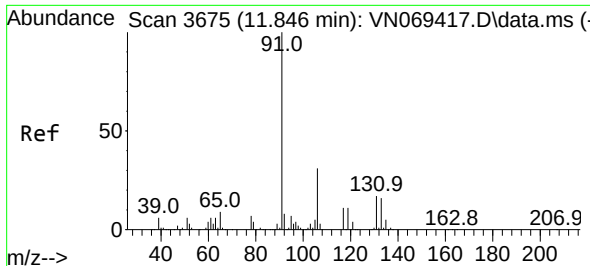


#66
1,1,1,2-Tetrachloroethane
Concen: 20.873 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



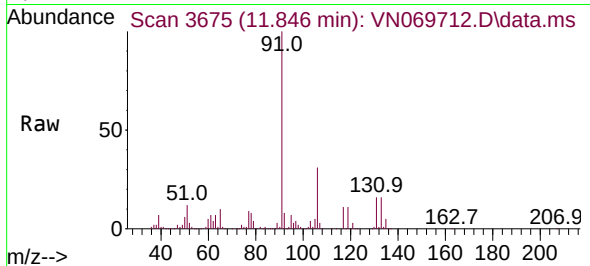
Tgt Ion:131 Resp: 255183
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 64.9 32.1 96.5





#67
Ethyl Benzene
Concen: 21.267 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

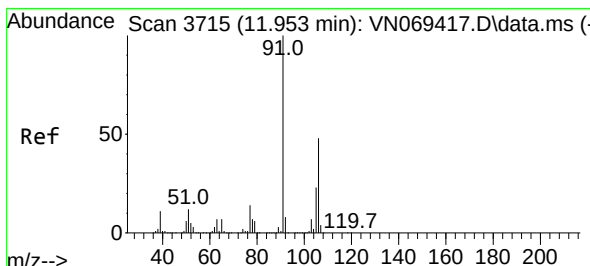
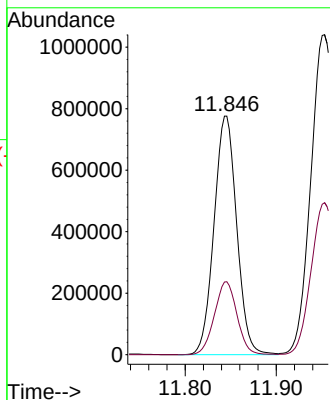
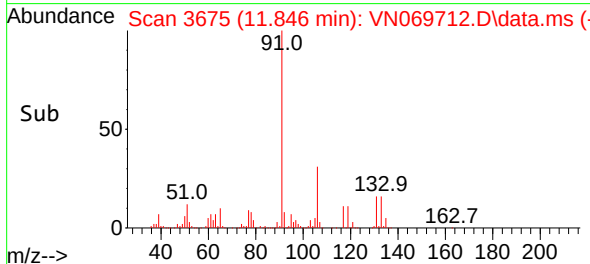
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion: 91 Resp: 134180
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

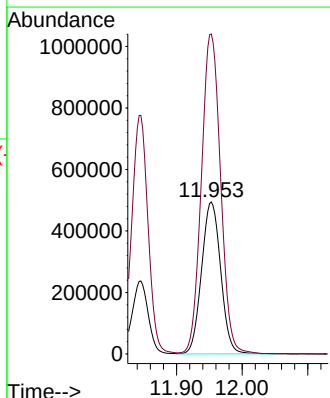
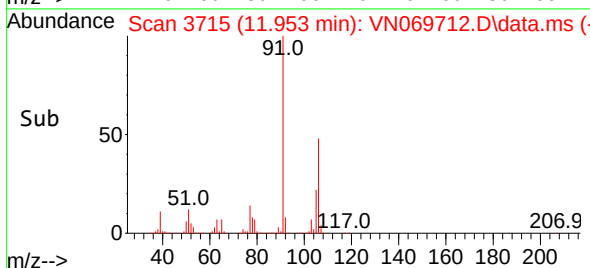
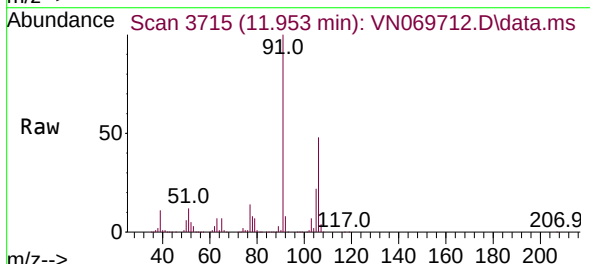
Manual Integrations
APPROVED

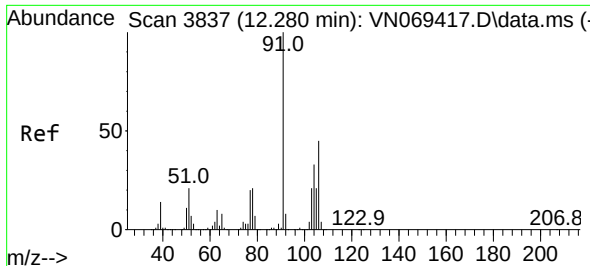
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#68
m/p-Xylenes
Concen: 43.489 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion:106 Resp: 999056
Ion Ratio Lower Upper
106 100
91 211.8 160.6 240.8





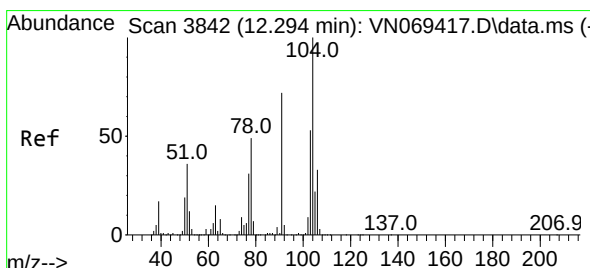
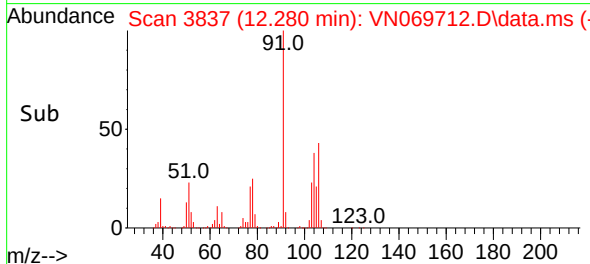
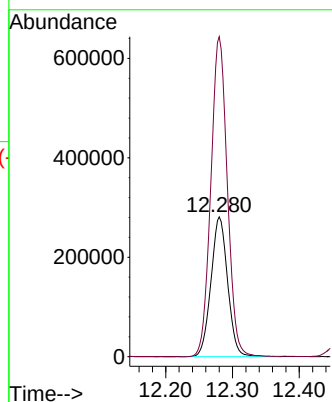
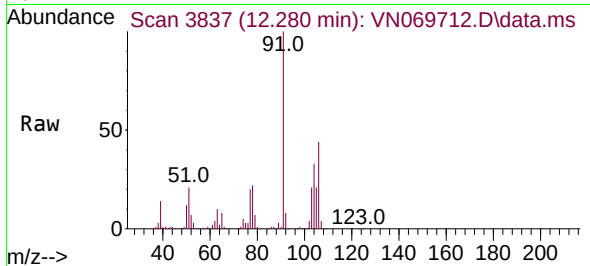
#69
o-Xylene
Concen: 21.051 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion:106 Resp: 48711
Ion Ratio Lower Upper
106 100
91 226.9 105.8 317.3

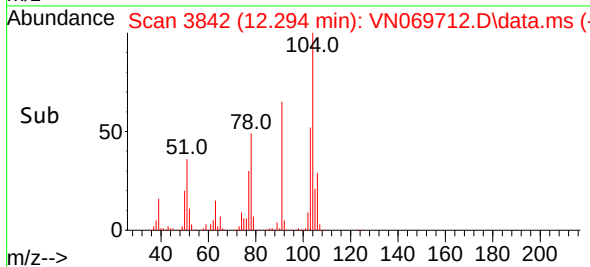
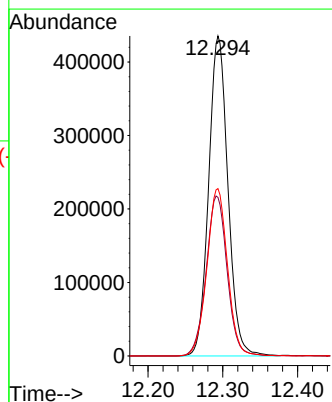
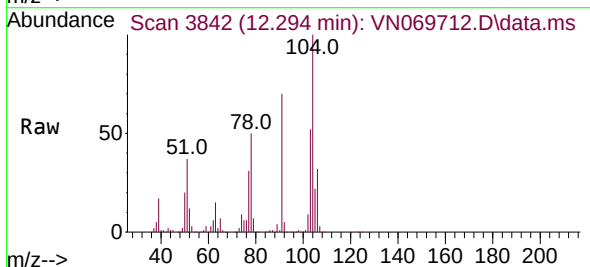
Manual Integrations
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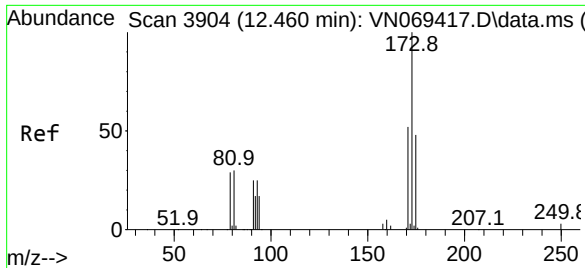
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#70
Styrene
Concen: 21.283 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

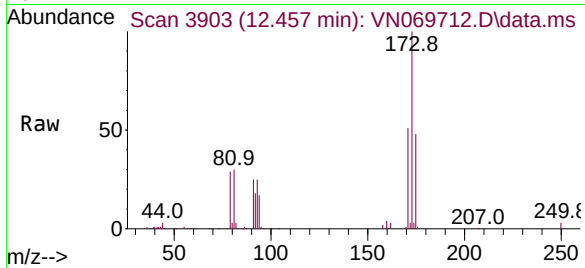
Tgt Ion:104 Resp: 780945
Ion Ratio Lower Upper
104 100
78 54.4 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 18.883 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

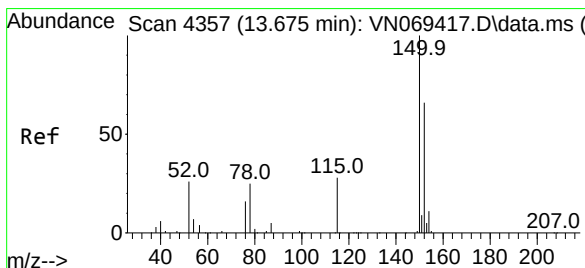
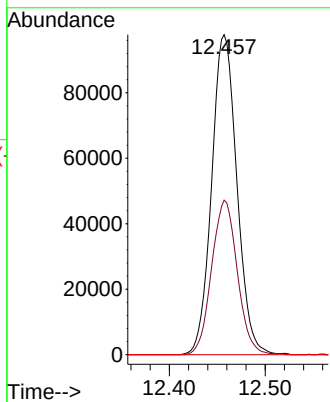
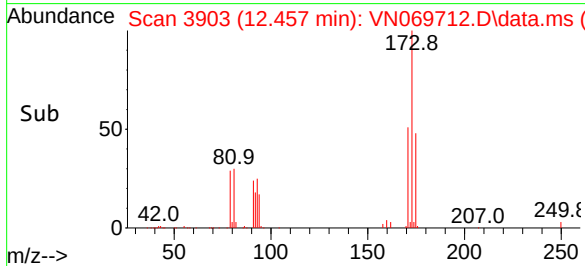
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



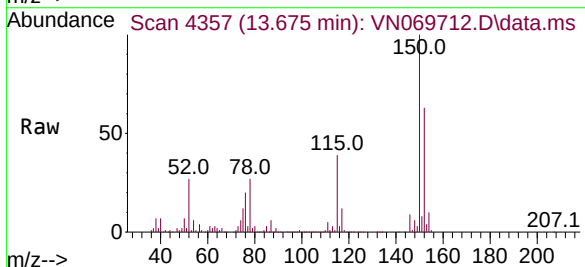
Tgt Ion:173 Resp: 178644
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.0 0.0

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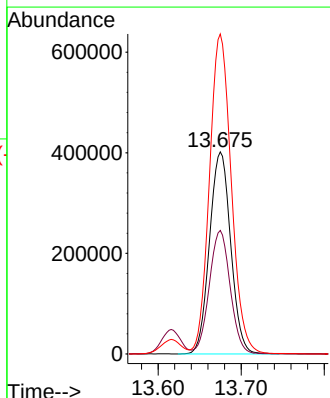
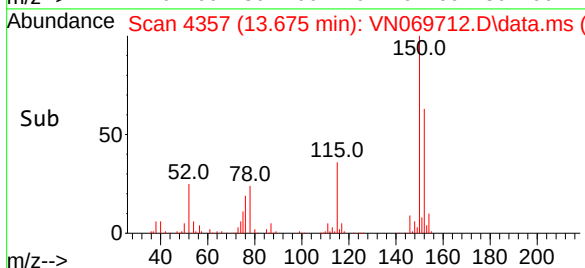
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

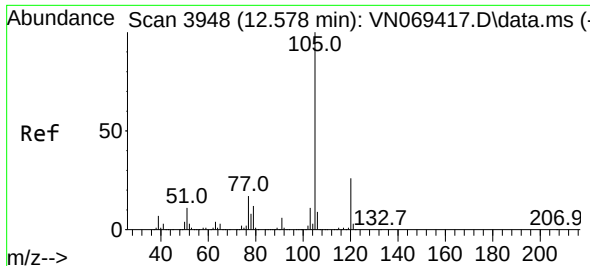


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



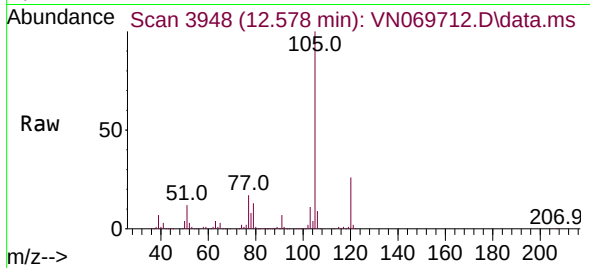
Tgt Ion:152 Resp: 712457
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 162.3 0.0 344.4





#73
Isopropylbenzene
Concen: 20.351 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

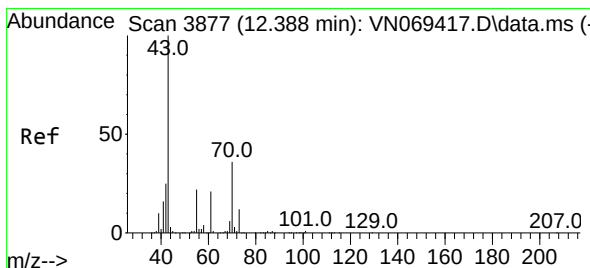
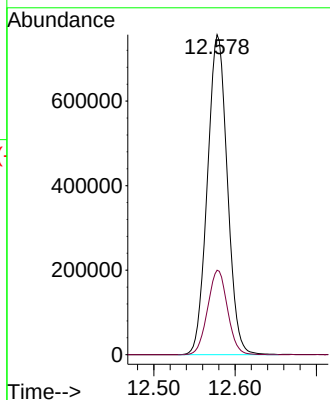
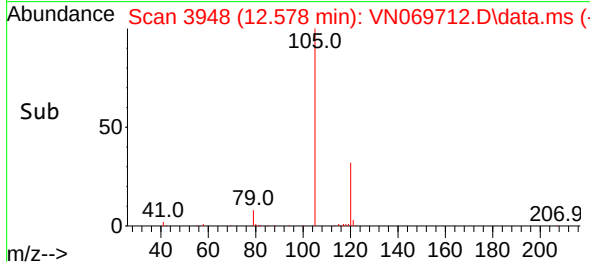
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



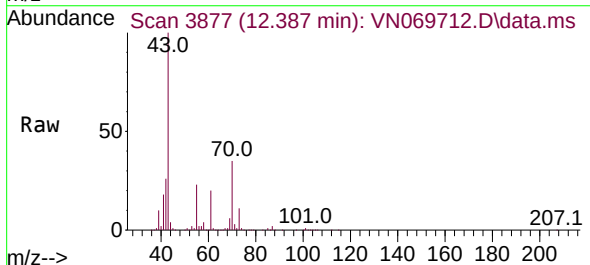
Tgt Ion:105 Resp: 1290052
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

Manual Integrations
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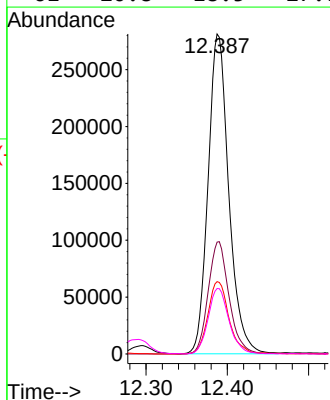
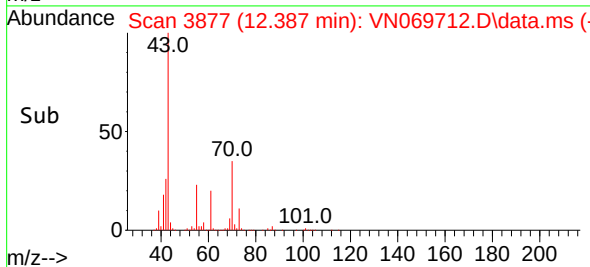
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

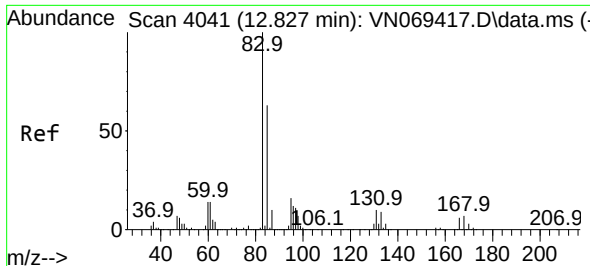


#74
N-ethyl acetate
Concen: 17.756 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



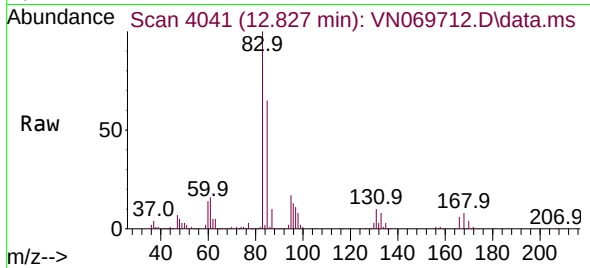
Tgt Ion: 43 Resp: 497752
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.3 19.3 28.9
61 20.8 18.5 27.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.965 ug/l
 RT: 12.827 min Scan# 4041
 Delta R.T. 0.000 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

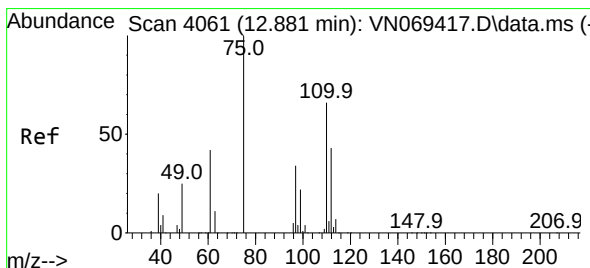
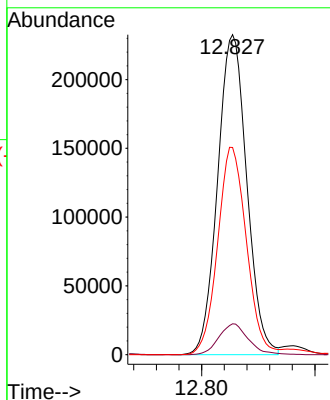
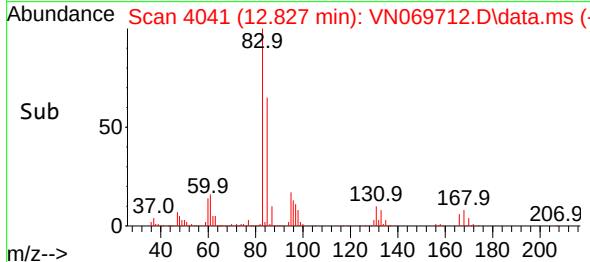
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01



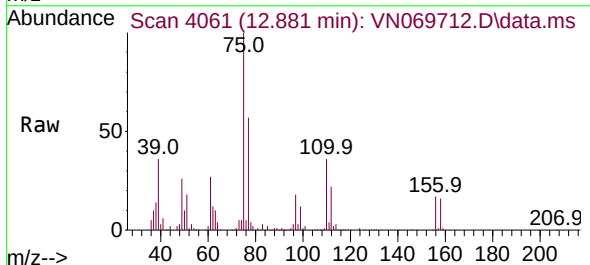
Tgt Ion: 83 Resp: 41570
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.5 16.5
 85 63.7 32.4 97.2

Manual Integrations
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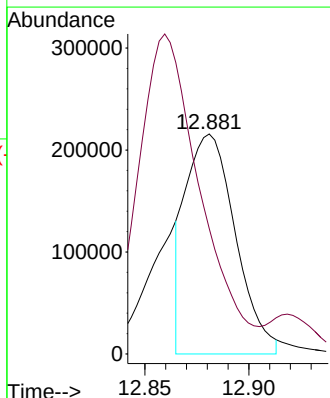
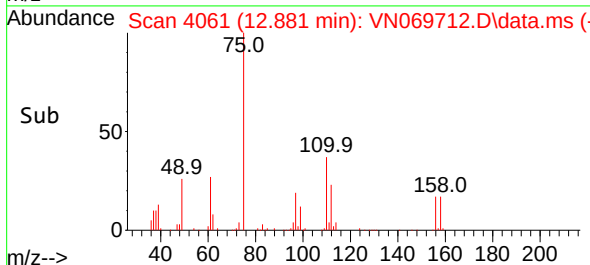
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

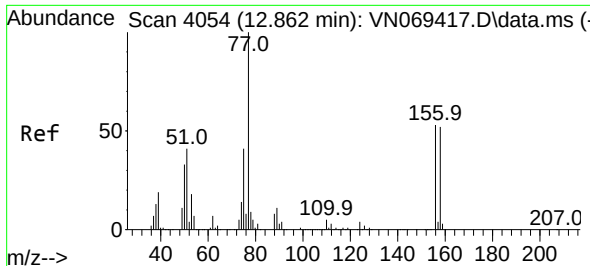


#76
 1,2,3-Trichloropropane
 Concen: 17.497 ug/l m
 RT: 12.881 min Scan# 4061
 Delta R.T. 0.000 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05



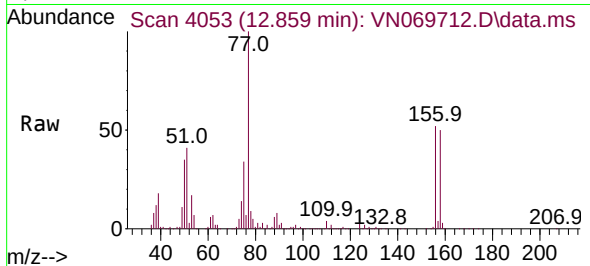
Tgt Ion: 75 Resp: 357484
 Ion Ratio Lower Upper
 75 100
 77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.794 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

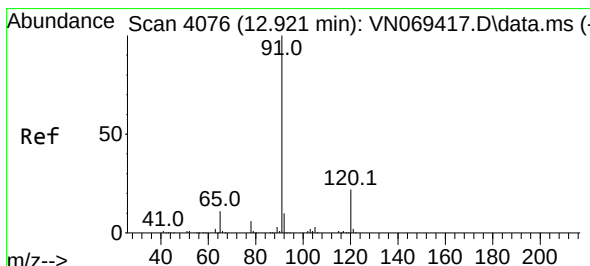
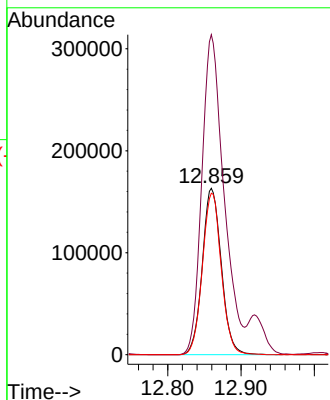
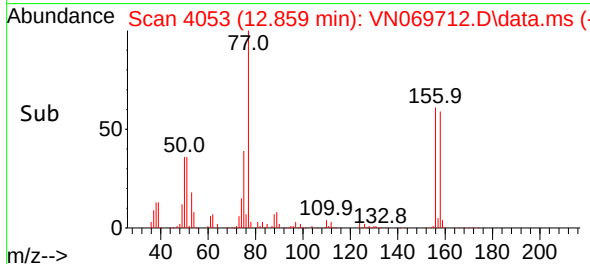
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



Tgt Ion:156 Resp: 29472
Ion Ratio Lower Upper
156 100
77 222.2 90.6 271.8
158 96.2 48.9 146.7

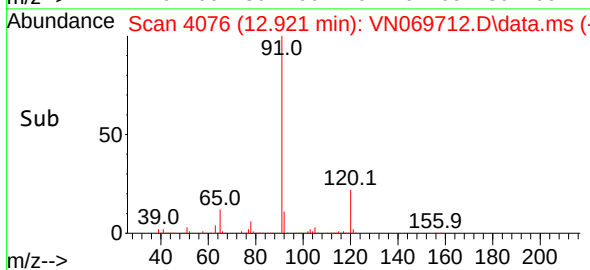
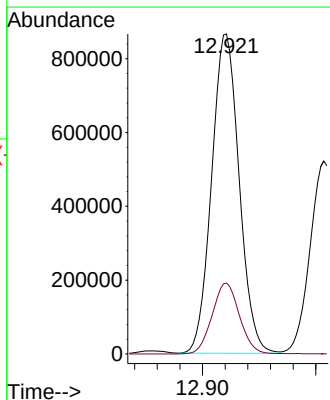
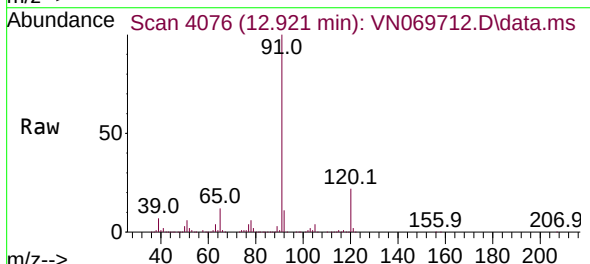
Manual Integrations
APPROVED

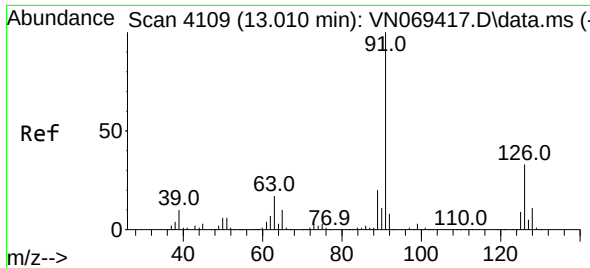
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#78
n-propylbenzene
Concen: 20.674 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion: 91 Resp: 1458316
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





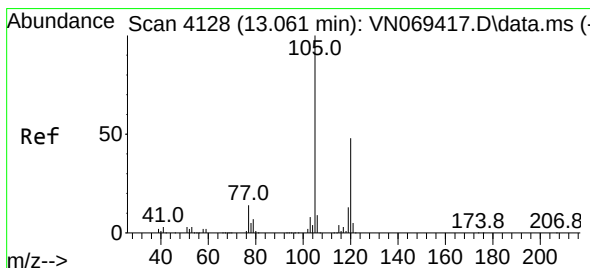
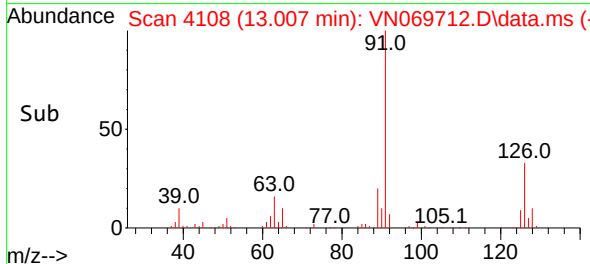
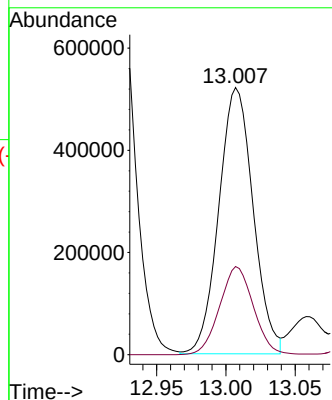
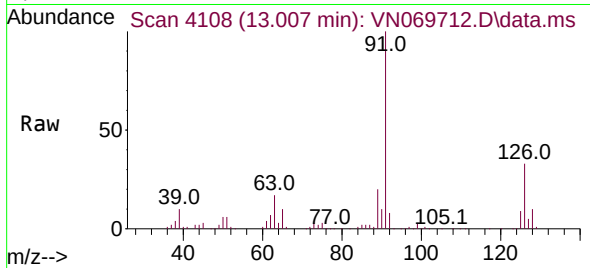
#79
2-Chlorotoluene
Concen: 20.182 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 91 Resp: 89953
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

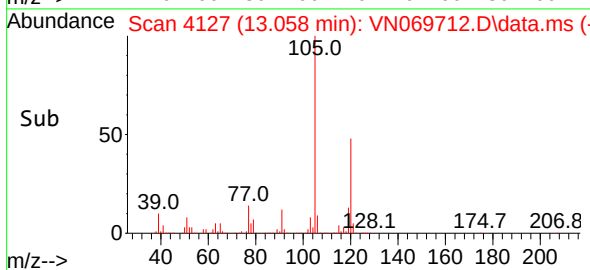
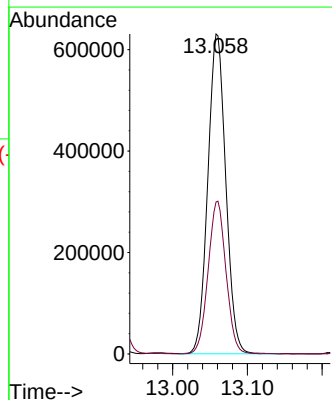
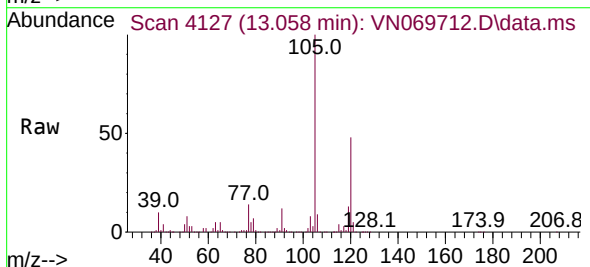
Manual Integrations
APPROVED

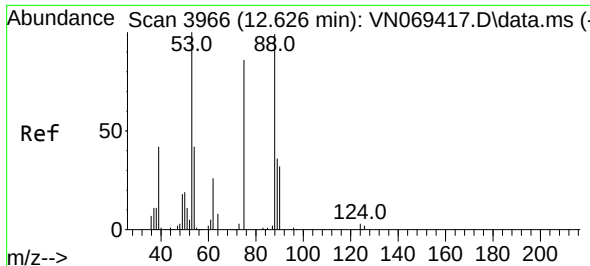
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.584 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Tgt Ion:105 Resp: 1050208
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6





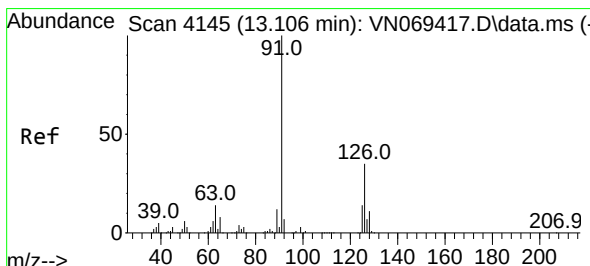
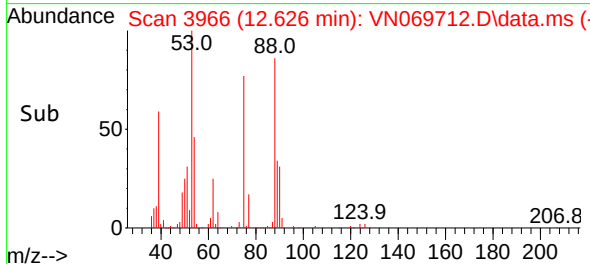
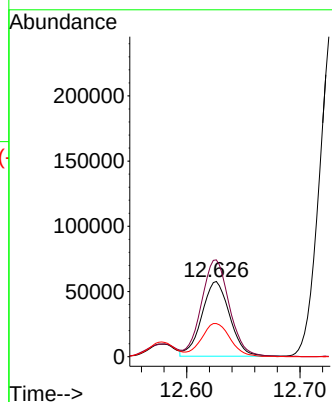
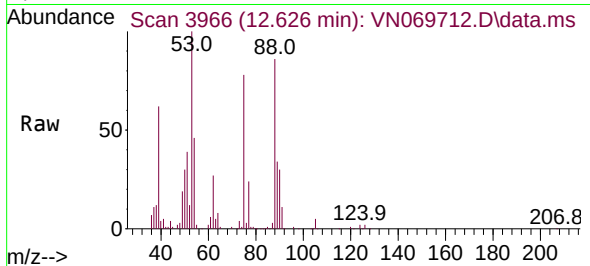
#81
trans-1,4-Dichloro-2-butene
Concen: 18.401 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 75 Resp: 97439
Ion Ratio Lower Upper
75 100
53 129.7 90.5 135.7
89 46.2 38.2 57.4

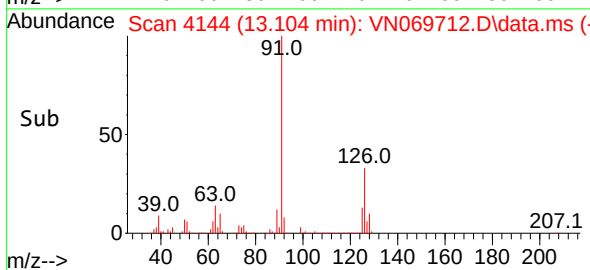
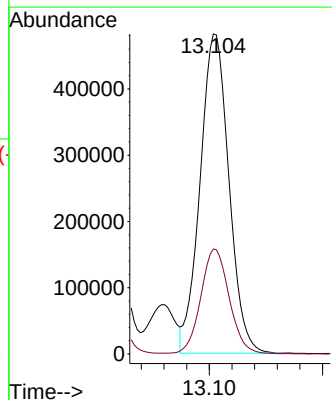
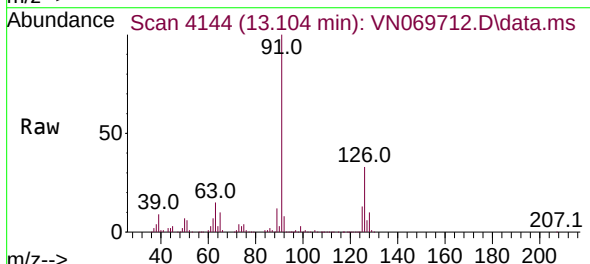
Manual Integrations
APPROVED

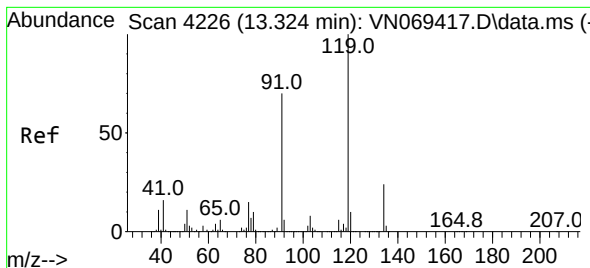
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#82
4-Chlorotoluene
Concen: 20.296 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

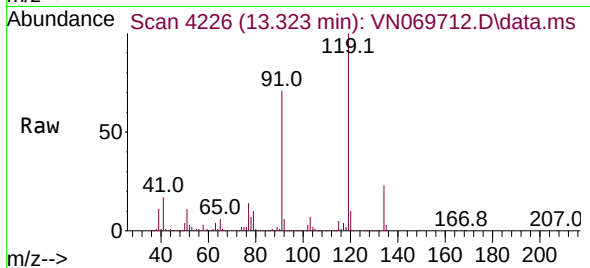
Tgt Ion: 91 Resp: 850729
Ion Ratio Lower Upper
91 100
126 32.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.414 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

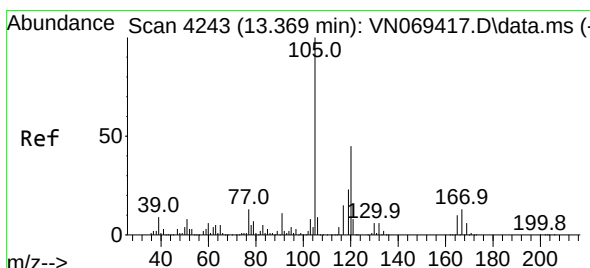
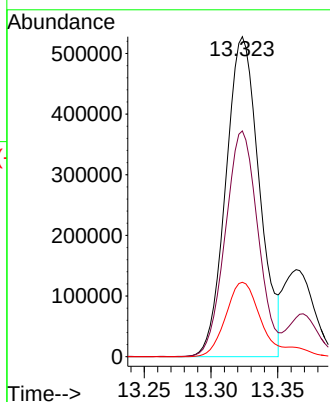
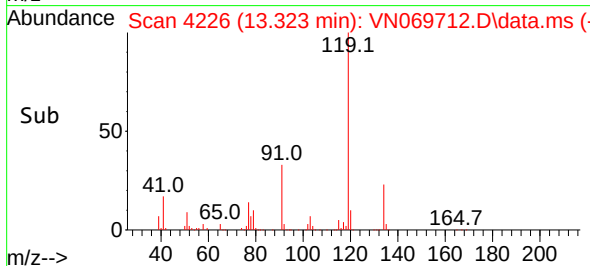
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



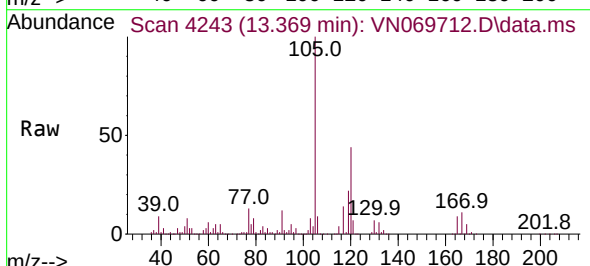
Tgt Ion:119 Resp: 922258
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 25.7 12.4 37.4

Manual Integrations
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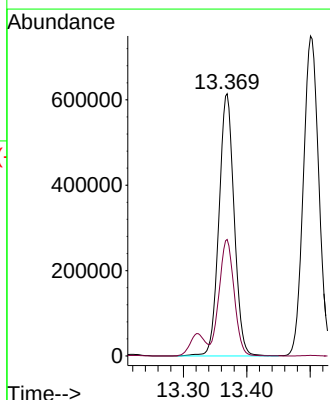
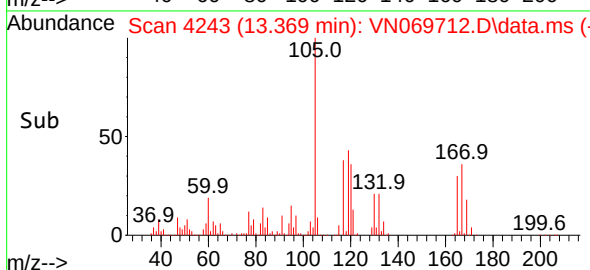
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

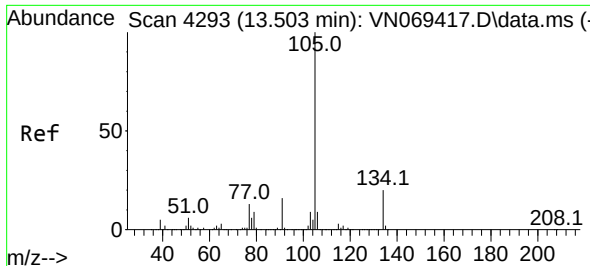


#84
1,2,4-Trimethylbenzene
Concen: 21.044 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



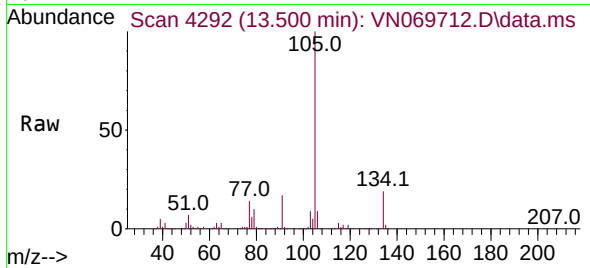
Tgt Ion:105 Resp: 1022545
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.695 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

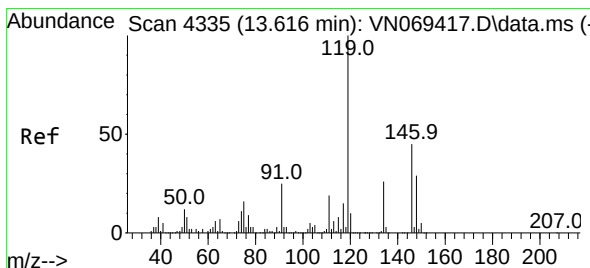
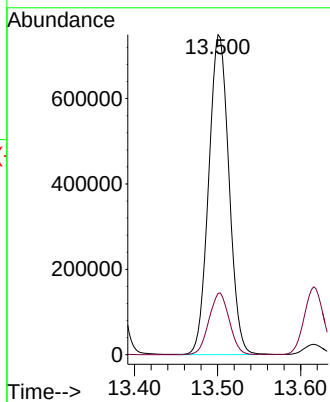
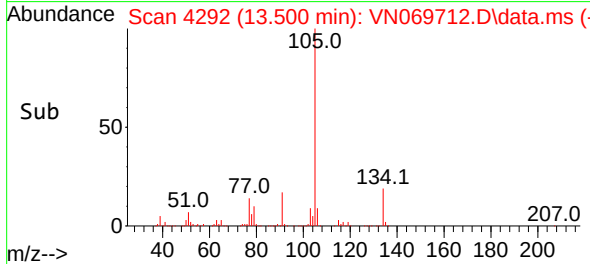
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01



Tgt Ion:105 Resp: 1268154
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

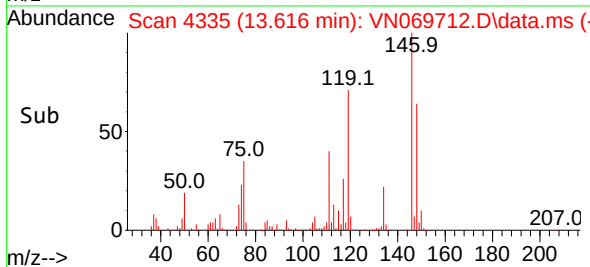
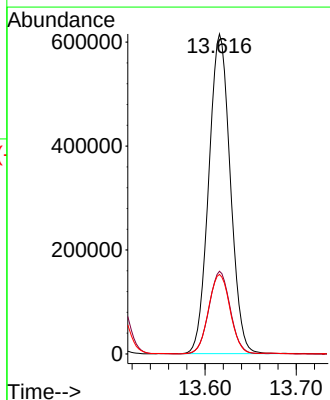
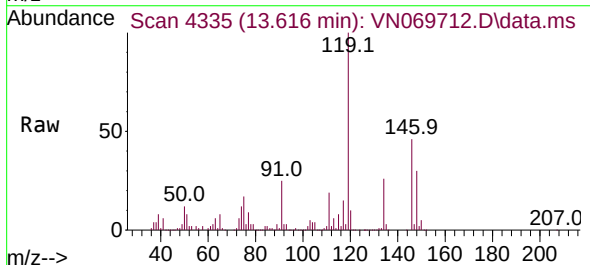
Manual Integrations
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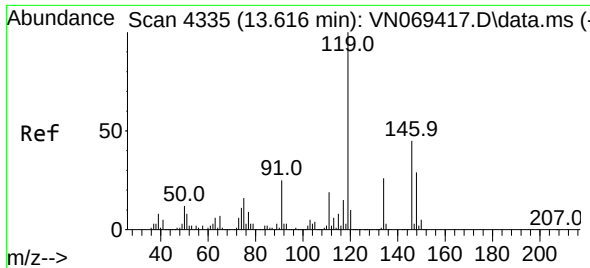
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021



#86
 p-Isopropyltoluene
 Concen: 21.027 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

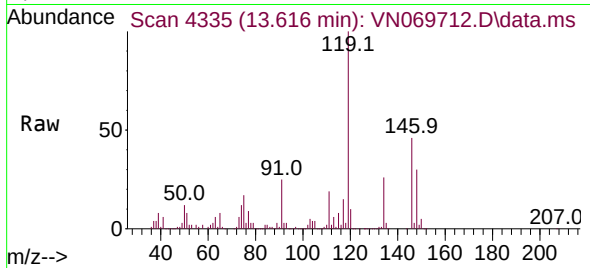
Tgt Ion:119 Resp: 1007158
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.010 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

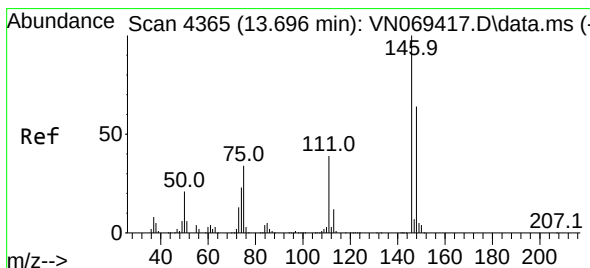
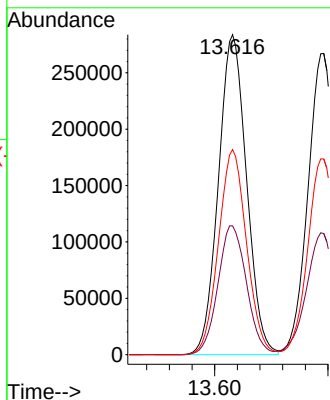
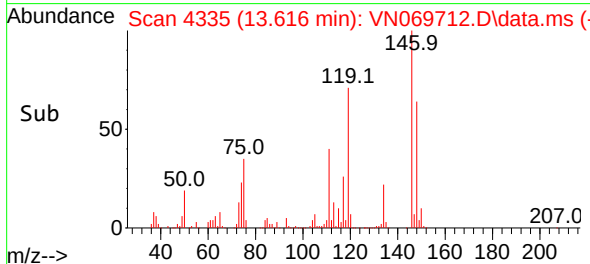
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



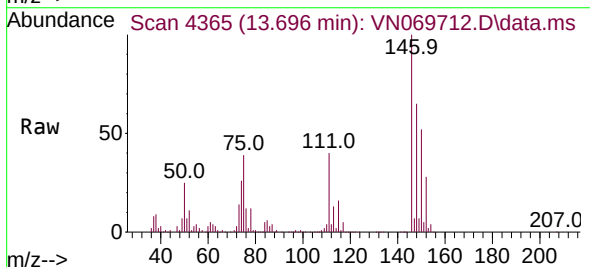
Tgt Ion:146 Resp: 489460
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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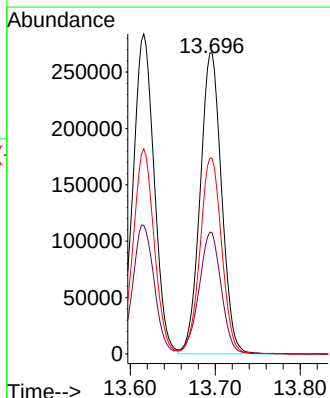
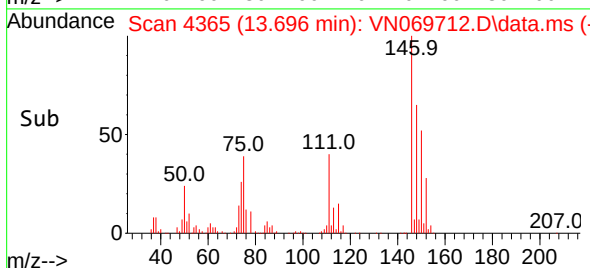
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

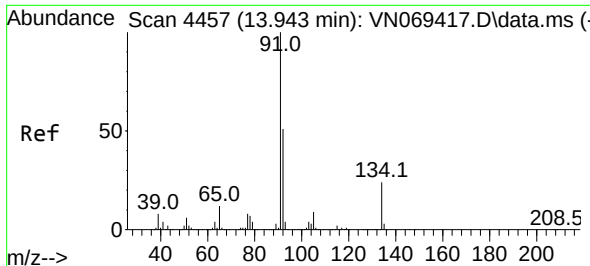


#88
1,4-Dichlorobenzene
Concen: 19.464 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



Tgt Ion:146 Resp: 467869
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 65.5 31.8 95.4





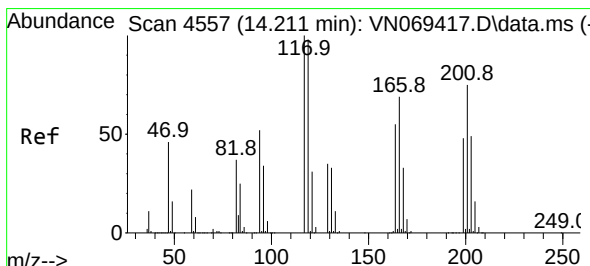
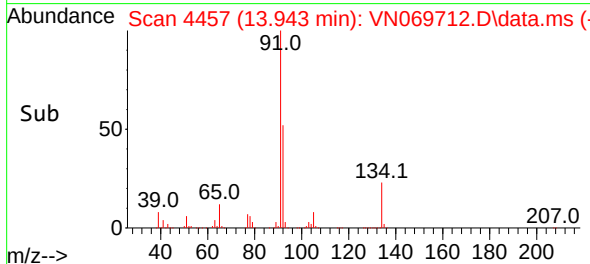
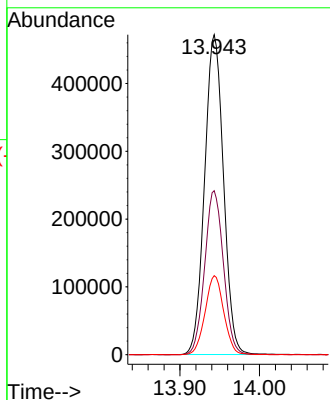
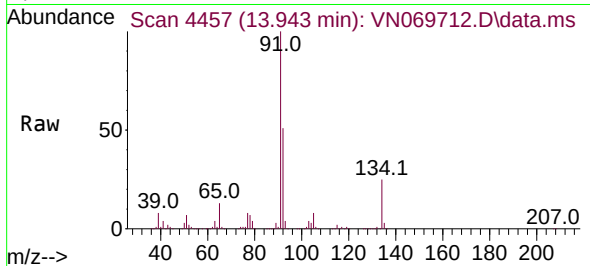
#89
n-Butylbenzene
Concen: 20.074 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01

Tgt Ion: 91 Resp: 779989
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 24.4 13.6 40.8

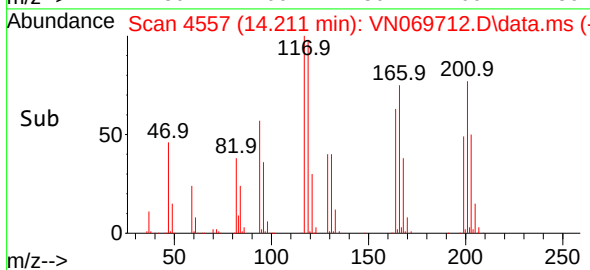
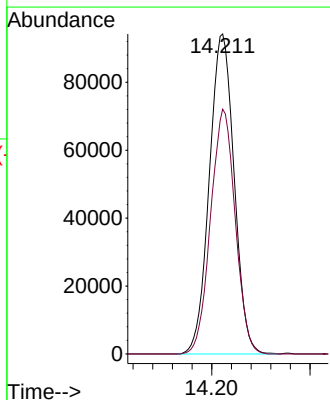
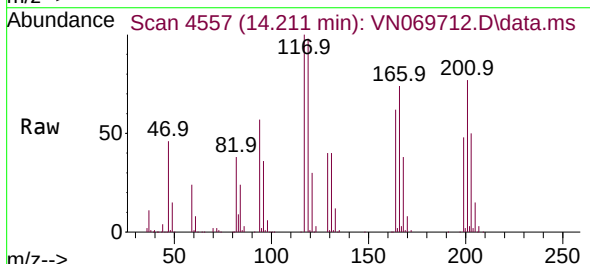
Manual Integrations
APPROVED

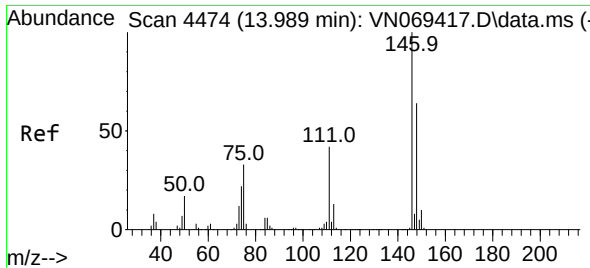
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#90
Hexachloroethane
Concen: 19.635 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

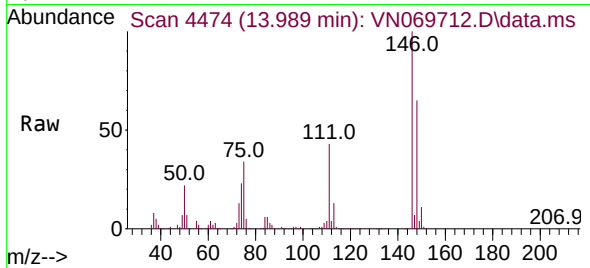
Tgt Ion:117 Resp: 165124
Ion Ratio Lower Upper
117 100
201 76.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.958 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

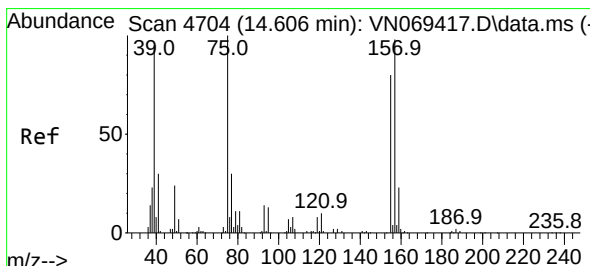
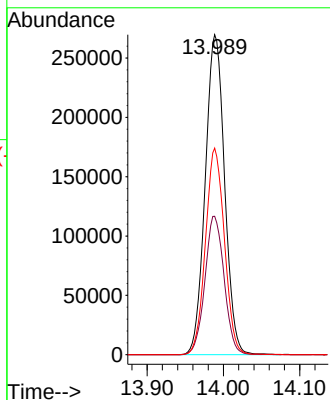
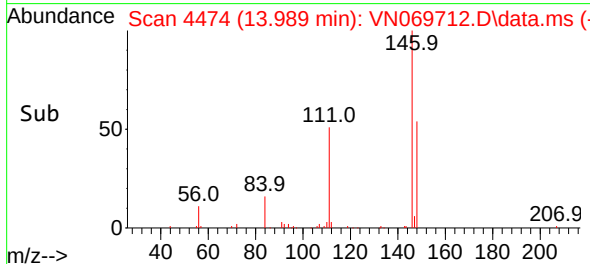
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



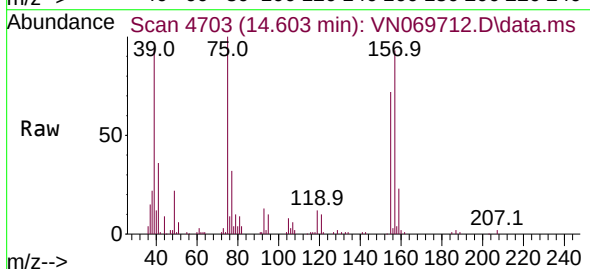
Tgt Ion:146 Resp: 47566
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.1 32.1 96.3

Manual Integrations
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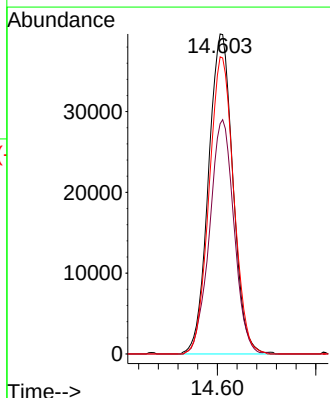
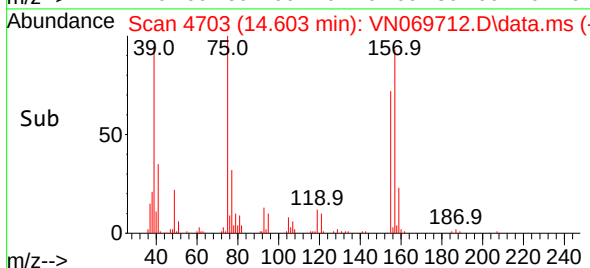
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021

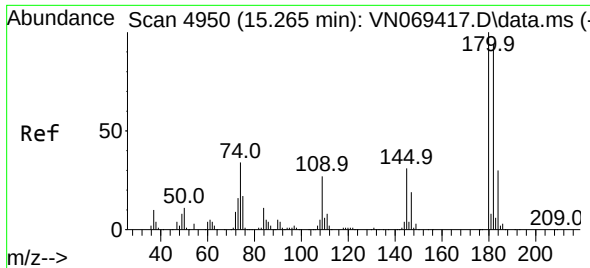


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.291 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



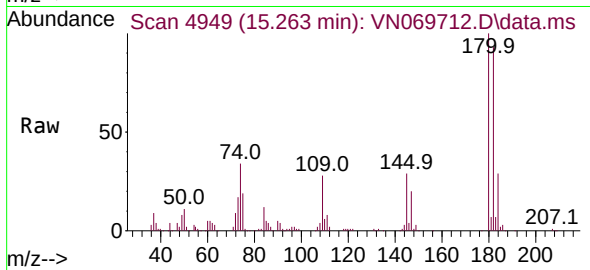
Tgt Ion: 75 Resp: 68490
Ion Ratio Lower Upper
75 100
155 73.1 46.9 140.7
157 93.2 60.6 181.7





#93
 1,2,4-Trichlorobenzene
 Concen: 18.760 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05

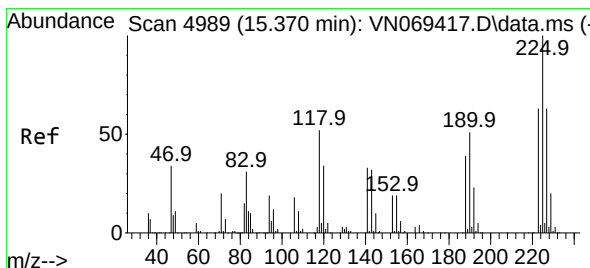
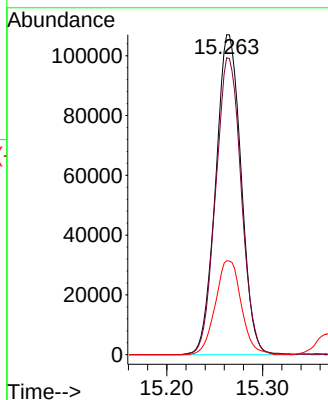
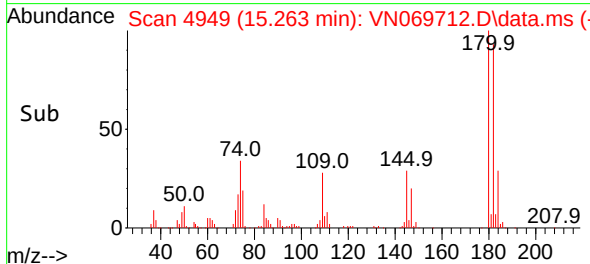
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBS01



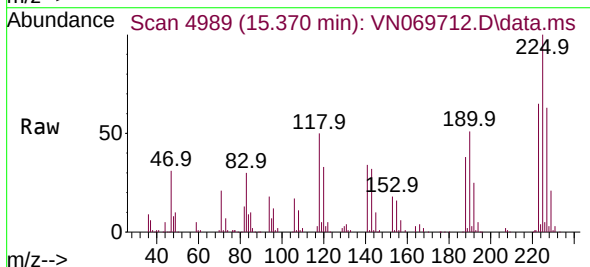
Tgt Ion:180 Resp: 196980
 Ion Ratio Lower Upper
 180 100
 182 93.2 48.3 144.9
 145 29.9 14.5 43.5

Manual Integrations
 APPROVED

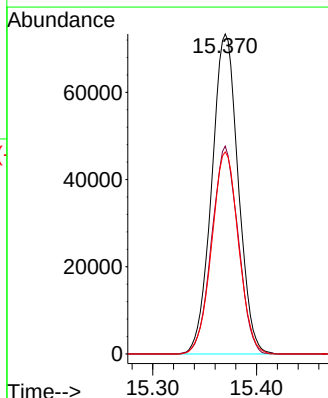
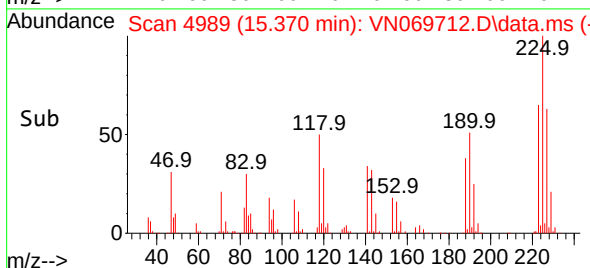
Reviewed By :John Carlone 12/04/2021
 Supervised By :Mahesh Dadoda 12/06/2021

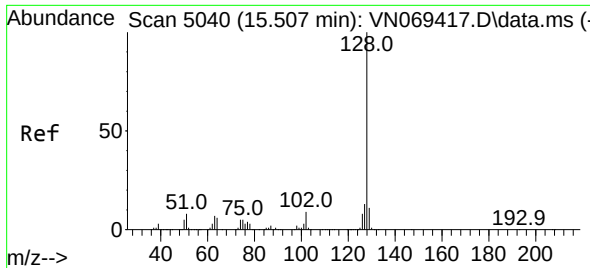


#94
 Hexachlorobutadiene
 Concen: 20.561 ug/l
 RT: 15.370 min Scan# 4989
 Delta R.T. 0.000 min
 Lab File: VN069712.D
 Acq: 3 Dec 2021 12:05



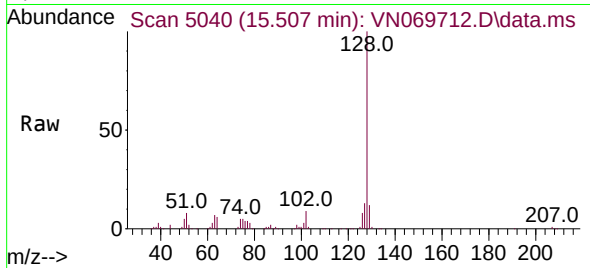
Tgt Ion:225 Resp: 129871
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.9 95.7
 227 64.0 32.1 96.3





#95
Naphthalene
Concen: 15.980 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05

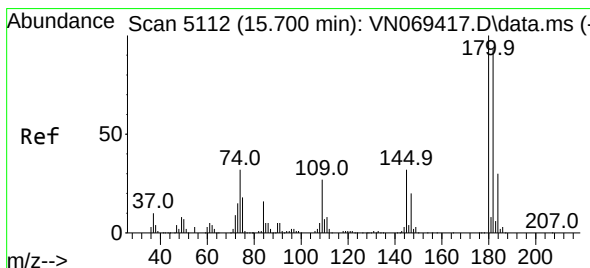
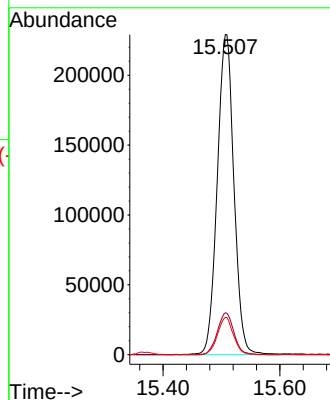
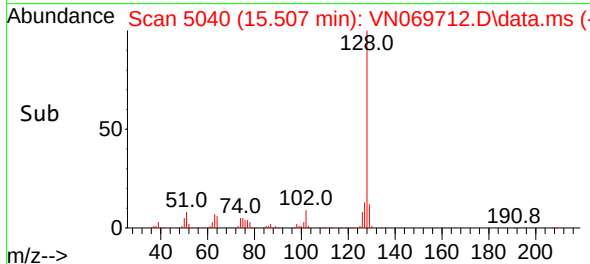
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBS01



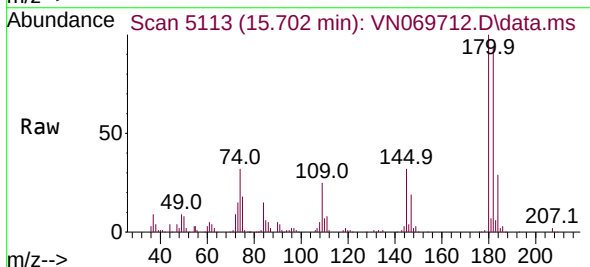
Tgt Ion:128 Resp: 453788
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.746 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069712.D
Acq: 3 Dec 2021 12:05



Tgt Ion:180 Resp: 183348
Ion Ratio Lower Upper
180 100
182 94.9 47.4 142.2
145 33.4 15.0 45.1

