

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111721\
 Data File : VN069526.D
 Acq On : 17 Nov 2021 12:31
 Operator : JC/MD
 Sample : VN1117WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 18 07:10:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1094365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1783011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1619308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	694767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	792109	49.920	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.840%		
35) Dibromofluoromethane	8.021	113	557846	52.166	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.340%		
50) Toluene-d8	10.440	98	2157233	51.292	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.731	95	763653	49.425	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	218170	18.660	ug/l	96
3) Chloromethane	2.306	50	239450	17.660	ug/l	99
4) Vinyl Chloride	2.448	62	239459	17.638	ug/l	97
5) Bromomethane	2.864	94	149728	16.981	ug/l	100
6) Chloroethane	3.025	64	154378	16.846	ug/l	97
7) Trichlorofluoromethane	3.379	101	363855	17.341	ug/l	96
8) Diethyl Ether	3.824	74	127028	18.712	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.208	101	195593	19.789	ug/l	95
10) Methyl Iodide	4.419	142	222975	18.393	ug/l	97
11) Tert butyl alcohol	5.371	59	229928	80.414	ug/l	99
12) 1,1-Dichloroethene	4.183	96	167572	18.892	ug/l	91
13) Acrolein	4.044	56	40690	96.433	ug/l	95
14) Allyl chloride	4.840	41	356259	18.167	ug/l	97
15) Acrylonitrile	5.557	53	683116	93.294	ug/l	98
16) Acetone	4.288	43	780459	91.161	ug/l	98
17) Carbon Disulfide	4.529	76	317756	15.155	ug/l	99
18) Methyl Acetate	4.857	43	501750	18.029	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	733989	19.553	ug/l	95
20) Methylene Chloride	5.095	84	222765	18.349	ug/l	86
21) trans-1,2-Dichloroethene	5.599	96	188216	18.998	ug/l	89
22) Diisopropyl ether	6.495	45	838034	19.839	ug/l	96
23) Vinyl Acetate	6.434	43	3122527	95.572	ug/l	95
24) 1,1-Dichloroethane	6.388	63	416441	19.355	ug/l	98
25) 2-Butanone	7.337	43	1050310	90.601	ug/l	92
26) 2,2-Dichloropropane	7.327	77	309718	18.398	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	239138	19.472	ug/l	88
28) Bromochloromethane	7.659	49	214448	19.462	ug/l #	81
29) Tetrahydrofuran	7.686	42	650514	91.439	ug/l	90
30) Chloroform	7.817	83	436563	19.792	ug/l	98
31) Cyclohexane	8.094	56	394064	18.178	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	352502	19.145	ug/l	96
36) 1,1-Dichloropropene	8.222	75	299670	19.974	ug/l	97
37) Ethyl Acetate	7.412	43	401545	19.799	ug/l #	94
38) Carbon Tetrachloride	8.206	117	286722	19.795	ug/l	99
39) Methylcyclohexane	9.459	83	356410	19.097	ug/l	91
40) Benzene	8.458	78	937625	20.247	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	203293	19.400	ug/l	90
42) 1,2-Dichloroethane	8.531	62	377280	20.807	ug/l	97
43) Isopropyl Acetate	8.560	43	631917	19.399	ug/l	94
44) Trichloroethene	9.217	130	221315	19.969	ug/l	94
45) 1,2-Dichloropropane	9.488	63	256710	20.749	ug/l	99
46) Dibromomethane	9.577	93	166651	20.110	ug/l	92
47) Bromodichloromethane	9.762	83	314839	20.359	ug/l	100
48) Methyl methacrylate	9.561	41	289024	18.858	ug/l	91
49) 1,4-Dioxane	9.569	88	98036	349.230	ug/l	86
51) 4-Methyl-2-Pentanone	10.330	43	2060742	98.007	ug/l	95
52) Toluene	10.505	92	584069	20.245	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	303879	17.776	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	346593	18.432	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	239855	20.625	ug/l	97
56) Ethyl methacrylate	10.760	69	373701	18.404	ug/l	86
57) 1,3-Dichloropropane	11.044	76	413551	20.237	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	363507	81.401	ug/l	93
59) 2-Hexanone	11.084	43	1437907	86.362	ug/l	93
60) Dibromochloromethane	11.237	129	214508	18.410	ug/l	99
61) 1,2-Dibromoethane	11.344	107	235064	18.792	ug/l	100
64) Tetrachloroethene	10.977	164	204786	20.944	ug/l	95
65) Chlorobenzene	11.771	112	614922	20.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	219200	20.967	ug/l	99
67) Ethyl Benzene	11.843	91	1133176	20.385	ug/l	95
68) m/p-Xylenes	11.953	106	833799	40.782	ug/l	93
69) o-Xylene	12.280	106	416570	20.438	ug/l	94
70) Styrene	12.294	104	664881	19.136	ug/l	96
71) Bromoform	12.457	173	139865	17.779	ug/l #	100
73) Isopropylbenzene	12.578	105	1105517	19.985	ug/l	97
74) N-amyl acetate	12.388	43	422408	18.018	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	369914	19.827	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	325961m	20.330	ug/l	
77) Bromobenzene	12.860	156	251383	19.870	ug/l	81
78) n-propylbenzene	12.921	91	1247654	20.044	ug/l	96
79) 2-Chlorotoluene	13.007	91	766761	19.895	ug/l	94
80) 1,3,5-Trimethylbenzene	13.058	105	900178	20.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.626	75	73013	17.773	ug/l #	80
82) 4-Chlorotoluene	13.104	91	731456	19.909	ug/l	94
83) tert-Butylbenzene	13.324	119	798089	20.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	872291	20.205	ug/l	98
85) sec-Butylbenzene	13.501	105	1087232	19.860	ug/l	98
86) p-Isopropyltoluene	13.616	119	870974	20.042	ug/l	98
87) 1,3-Dichlorobenzene	13.616	146	434790	19.823	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	424116	19.710	ug/l	97
89) n-Butylbenzene	13.943	91	674547	18.613	ug/l	98
90) Hexachloroethane	14.211	117	132843	18.073	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	427186	20.467	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57253	17.709	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	169664	17.662	ug/l	98
94) Hexachlorobutadiene	15.370	225	114171	21.053	ug/l	98
95) Naphthalene	15.507	128	404788	16.407	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	161169	17.604	ug/l	97

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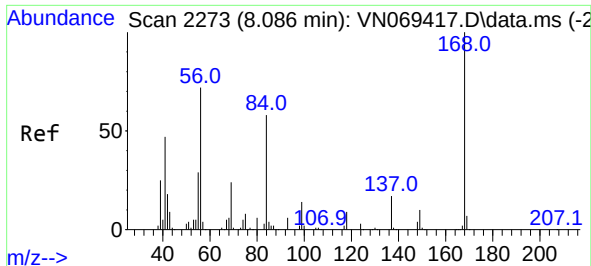
Manual Integrations
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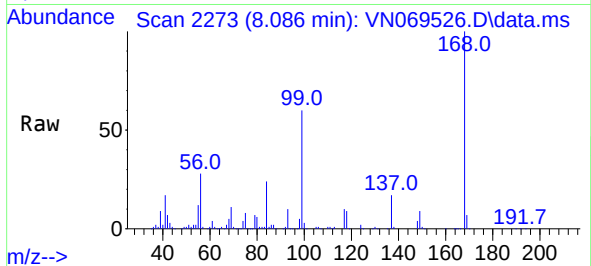
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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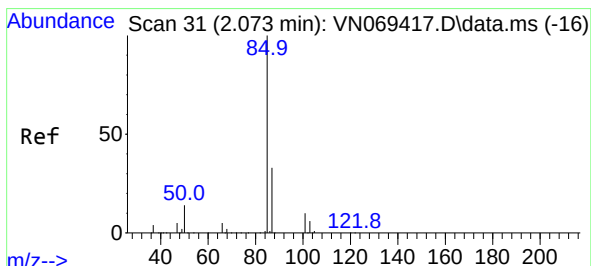
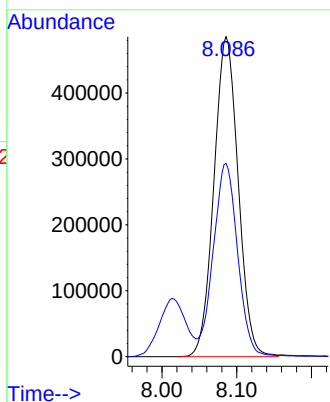
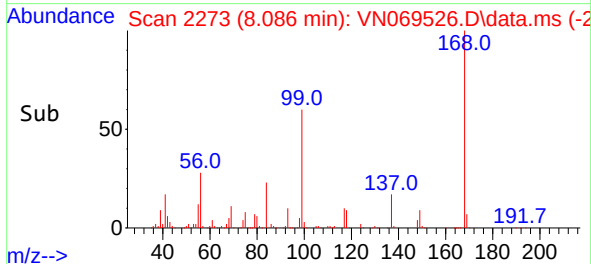
Instrument :
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Tgt Ion:168 Resp: 109436
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

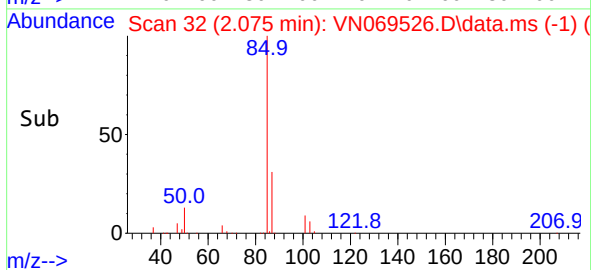
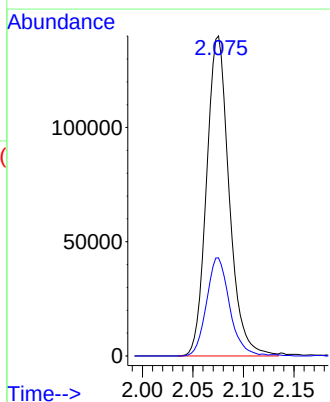
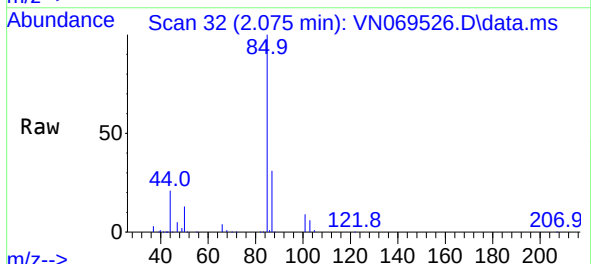
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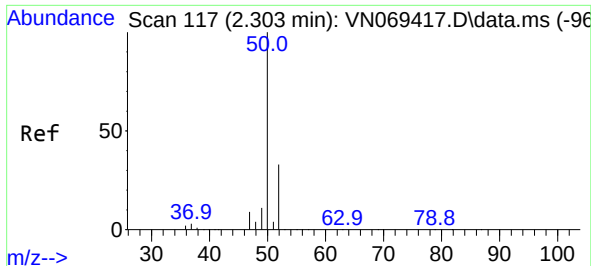
Reviewed By :John Carlone 11/18/2021
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#2
Dichlorodifluoromethane
Concen: 18.660 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

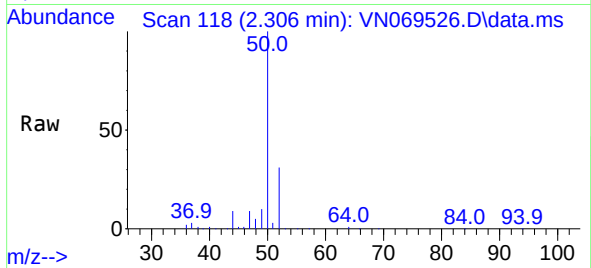
Tgt Ion: 85 Resp: 218170
Ion Ratio Lower Upper
85 100
87 30.6 16.3 48.9





#3
Chloromethane
Concen: 17.660 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

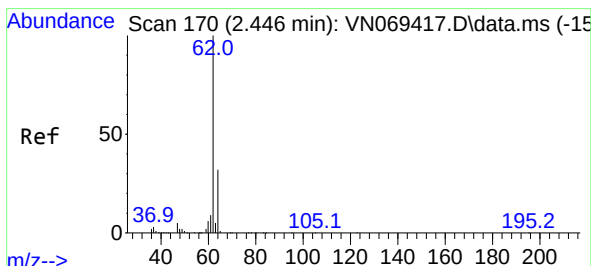
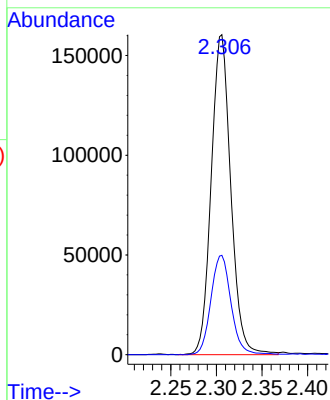
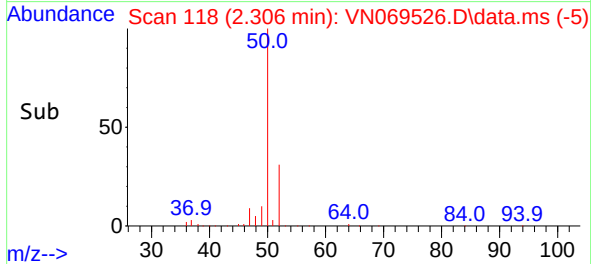
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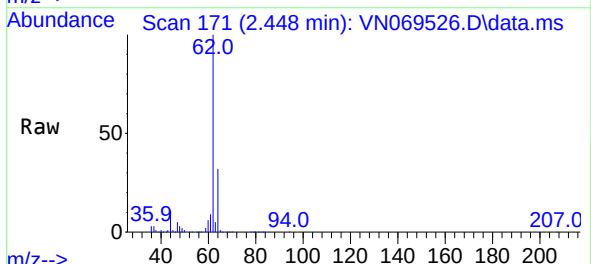
Tgt Ion: 50 Resp: 239450
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

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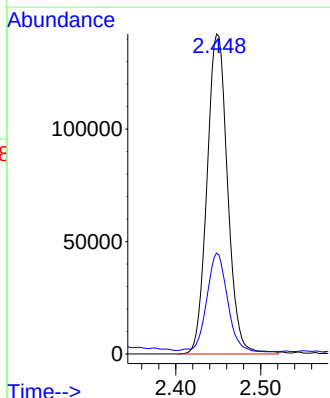
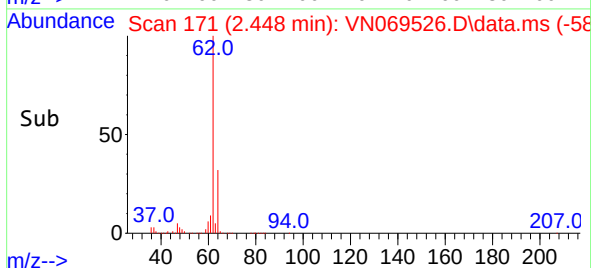
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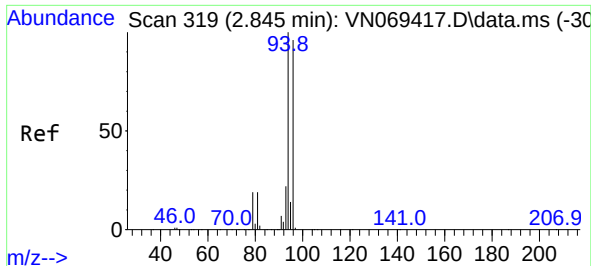


#4
Vinyl Chloride
Concen: 17.638 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



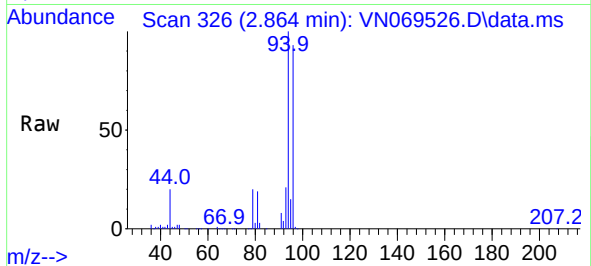
Tgt Ion: 62 Resp: 239459
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 16.981 ug/l
RT: 2.864 min Scan# 319
Delta R.T. 0.019 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

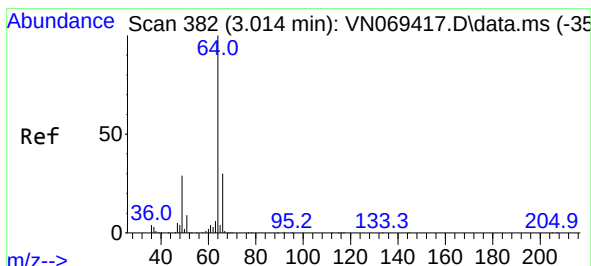
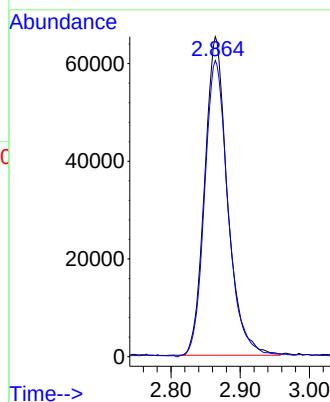
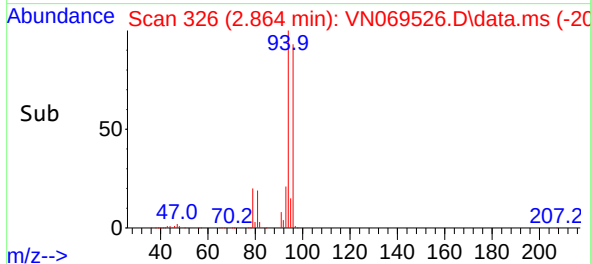
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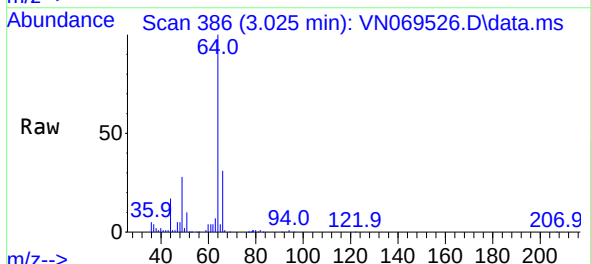
Tgt Ion: 94 Resp: 149728
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8

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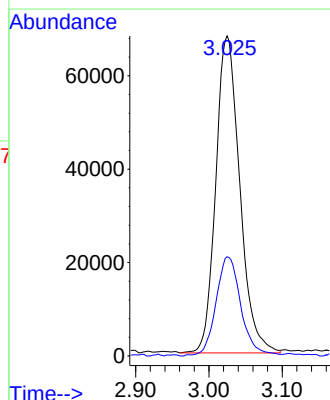
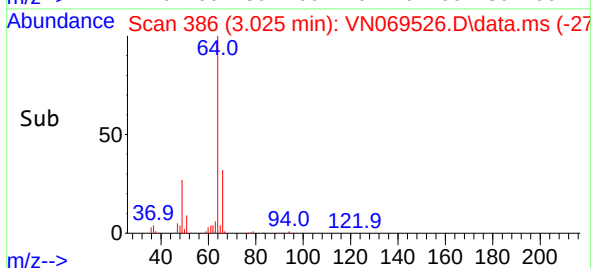
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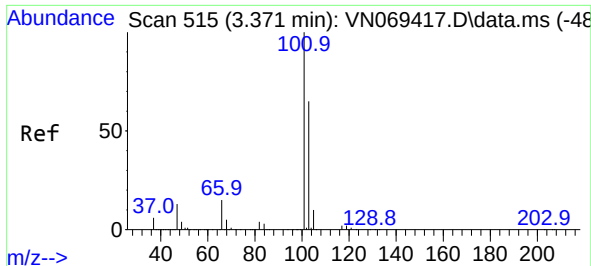


#6
Chloroethane
Concen: 16.846 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.011 min
Lab File: VN069526.D
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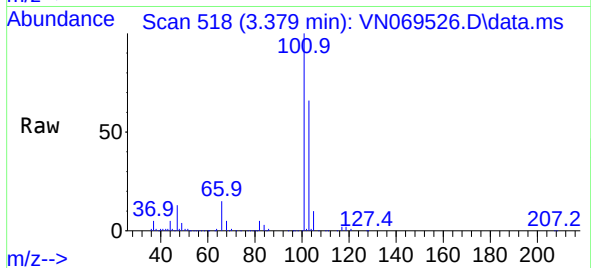
Tgt Ion: 64 Resp: 154378
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.341 ug/l
RT: 3.379 min Scan# 515
Delta R.T. 0.008 min
Lab File: VN069526.D
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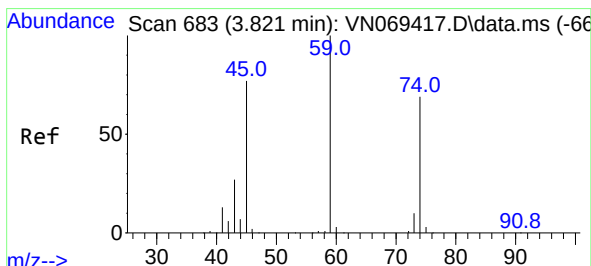
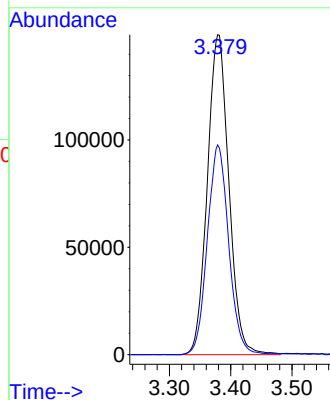
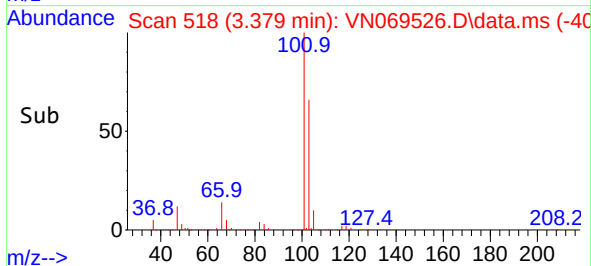
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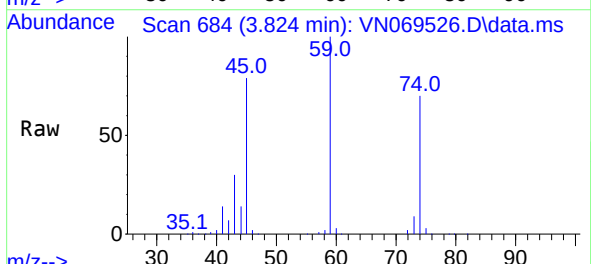
Tgt Ion:101 Resp: 36385
Ion Ratio Lower Upper
101 100
103 65.5 50.1 75.1

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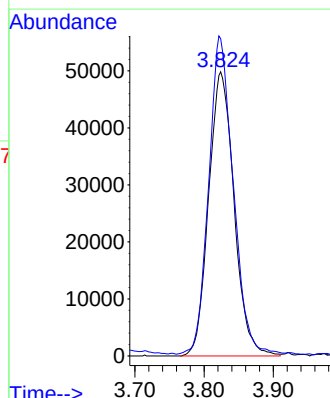
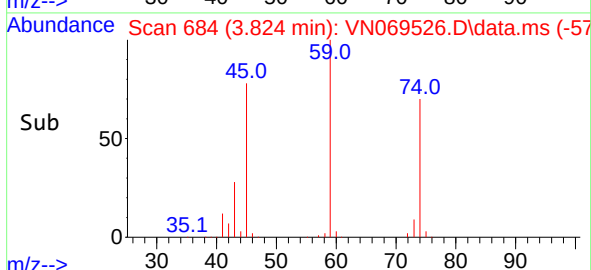
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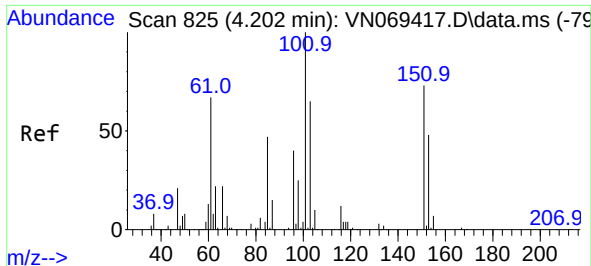


#8
Diethyl Ether
Concen: 18.712 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
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Tgt Ion: 74 Resp: 127028
Ion Ratio Lower Upper
74 100
45 107.5 47.0 141.2





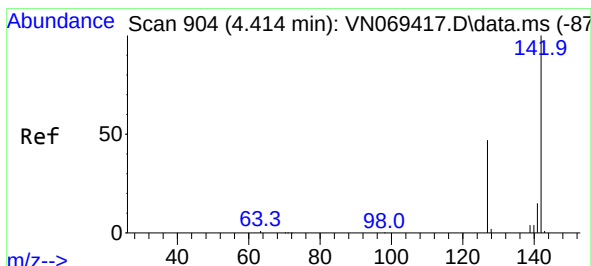
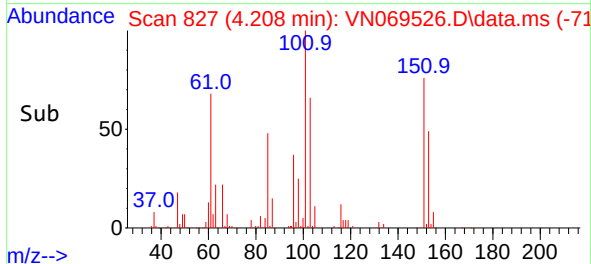
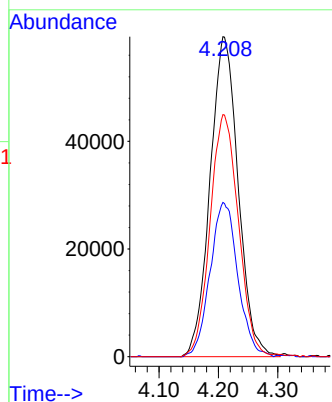
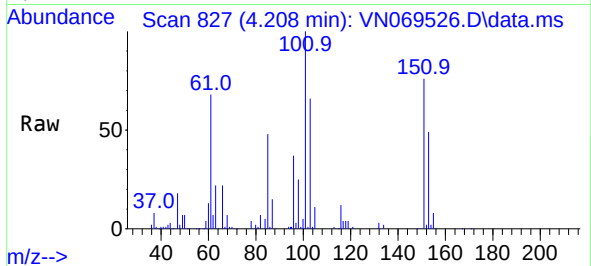
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.789 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion:101 Resp: 19559
Ion Ratio Lower Upper
101 100
85 47.7 37.2 55.8
151 76.3 65.9 98.9

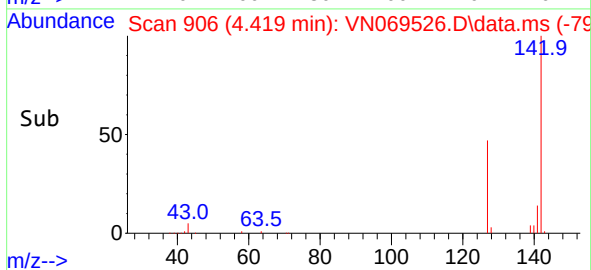
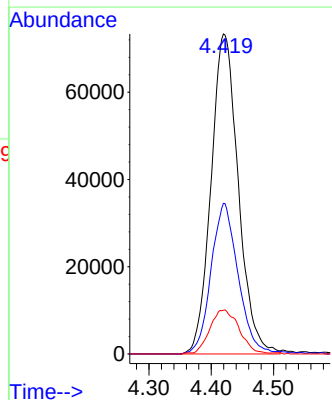
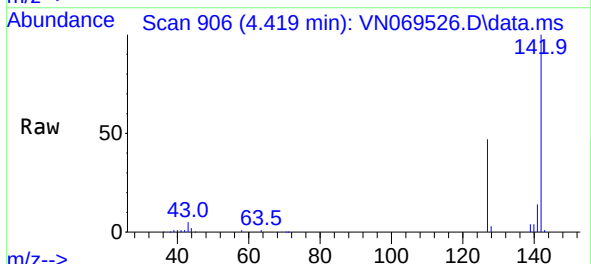
Manual Integrations
APPROVED

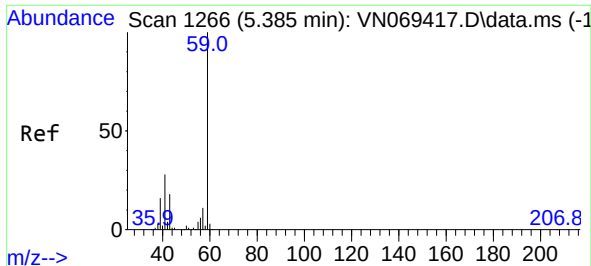
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 18.393 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

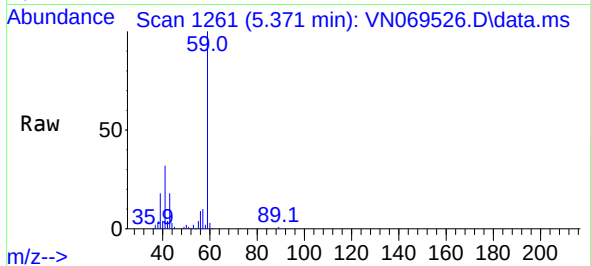
Tgt Ion:142 Resp: 222975
Ion Ratio Lower Upper
142 100
127 46.6 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 80.414 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.014 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

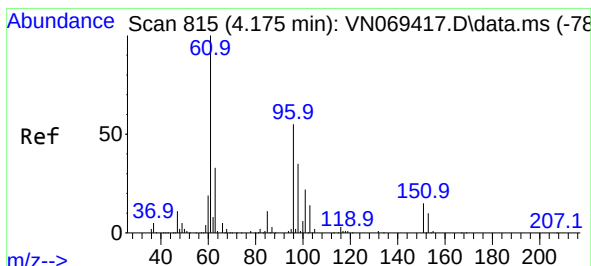
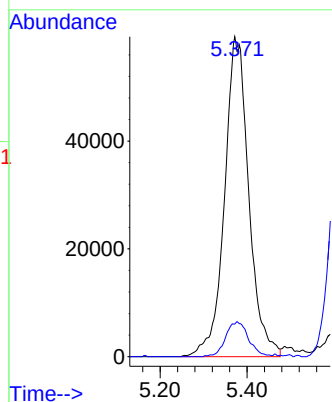
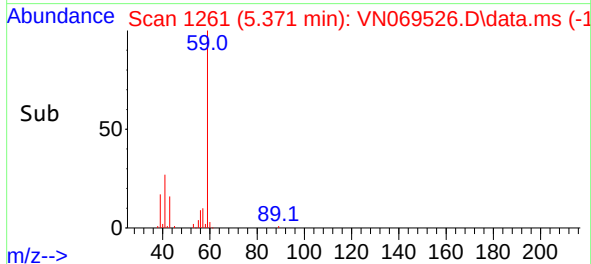
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion: 59 Resp: 229928
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

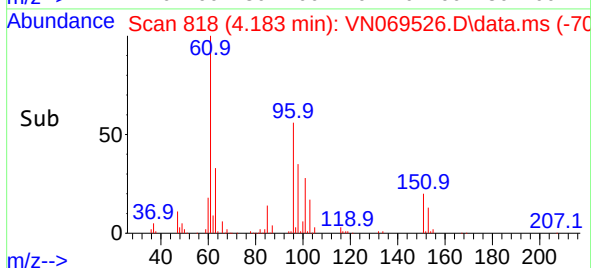
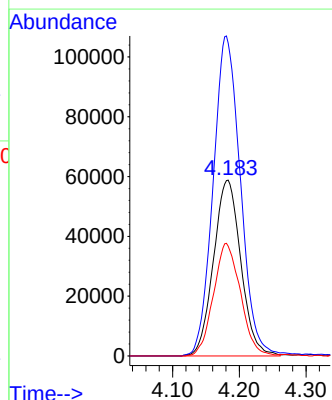
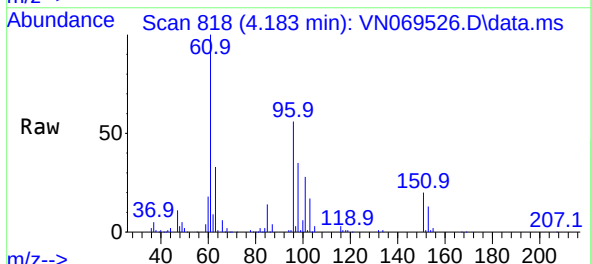
Manual Integrations
APPROVED

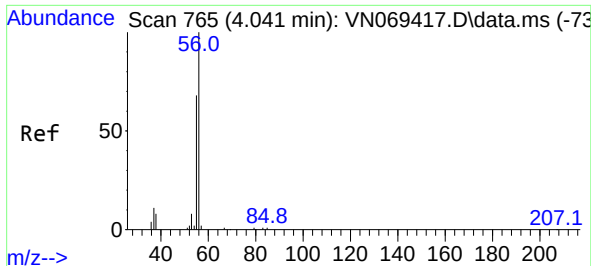
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#12
1,1-Dichloroethene
Concen: 18.892 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

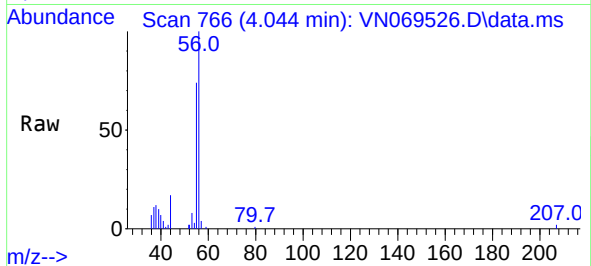
Tgt Ion: 96 Resp: 167572
Ion Ratio Lower Upper
96 100
61 177.9 131.0 196.6
98 62.4 52.4 78.6





#13
Acrolein
Concen: 96.433 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

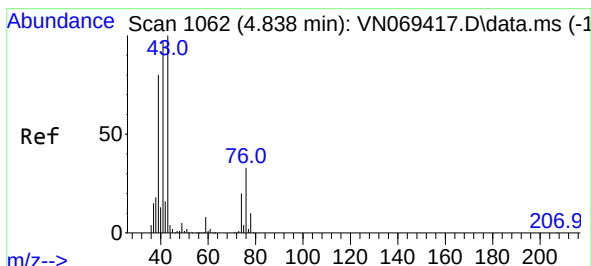
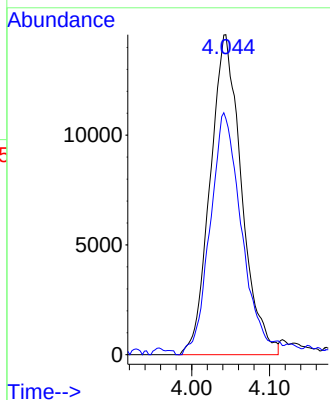
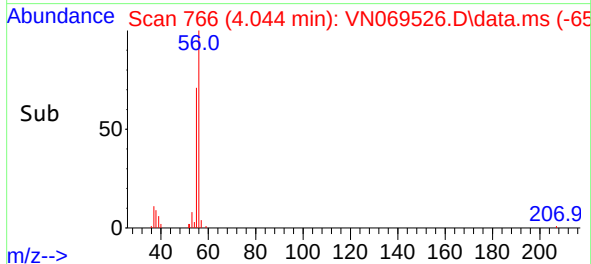
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



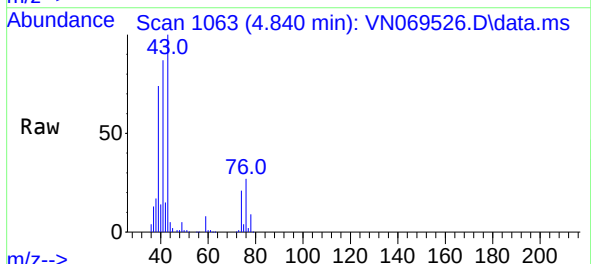
Tgt Ion: 56 Resp: 40690
Ion Ratio Lower Upper
56 100
55 75.2 56.6 85.0

Manual Integrations
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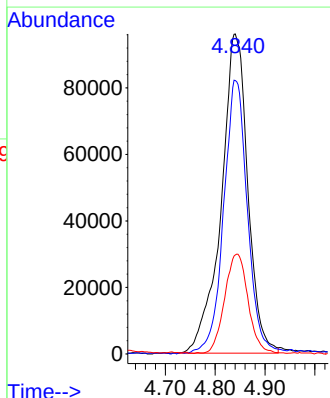
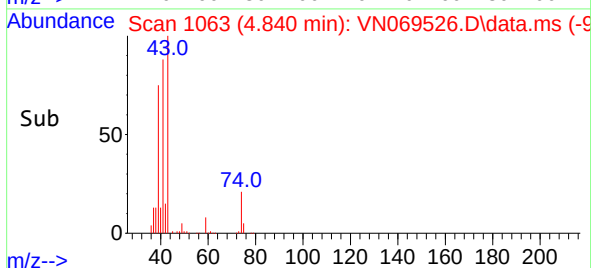
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

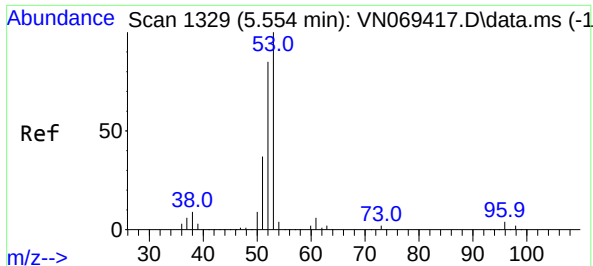


#14
Allyl chloride
Concen: 18.167 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



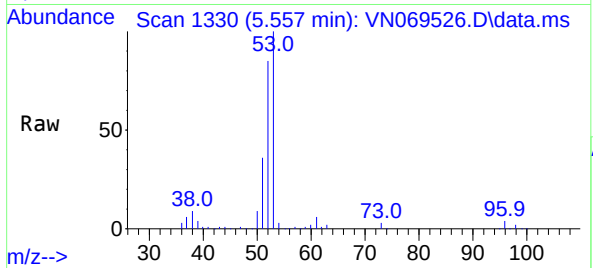
Tgt Ion: 41 Resp: 356259
Ion Ratio Lower Upper
41 100
39 76.1 61.2 91.8
76 27.2 26.0 39.0





#15
Acrylonitrile
Concen: 93.294 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

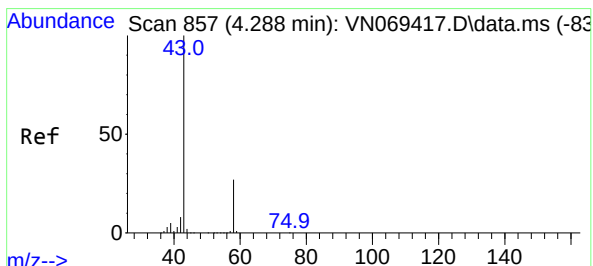
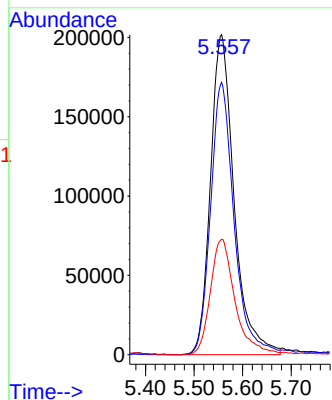
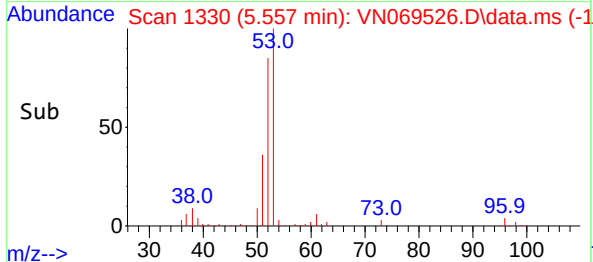
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion: 53 Resp: 683110
Ion Ratio Lower Upper
53 100
52 84.4 66.2 99.2
51 37.7 29.6 44.4

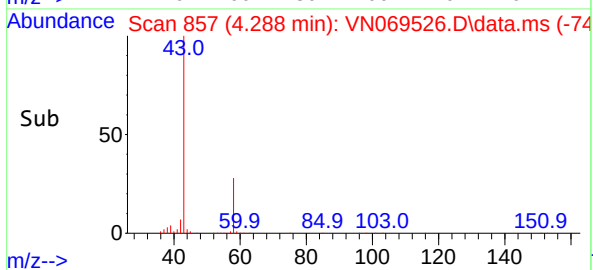
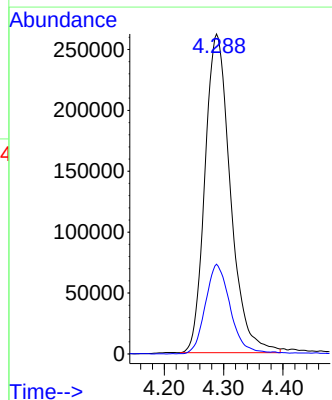
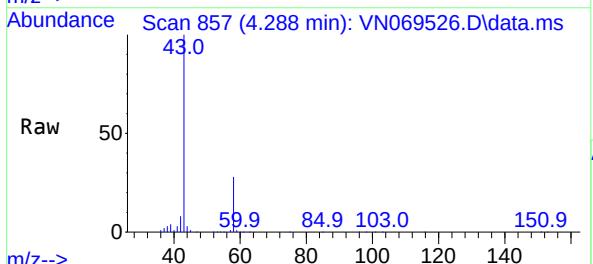
Manual Integrations
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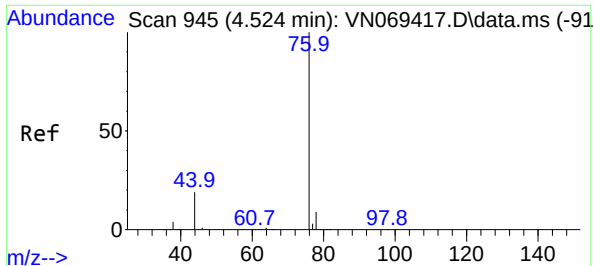
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 91.161 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

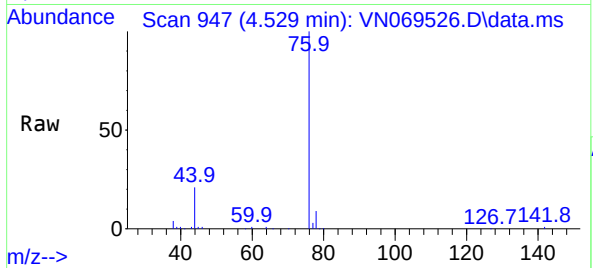
Tgt Ion: 43 Resp: 780459
Ion Ratio Lower Upper
43 100
58 28.1 23.1 34.7





#17
Carbon Disulfide
Concen: 15.155 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

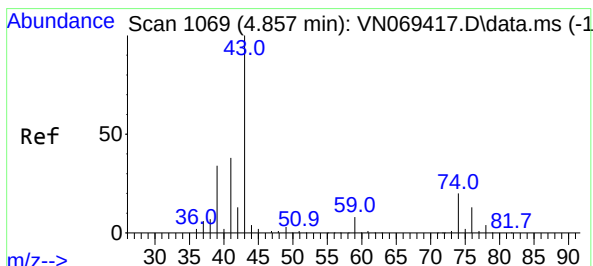
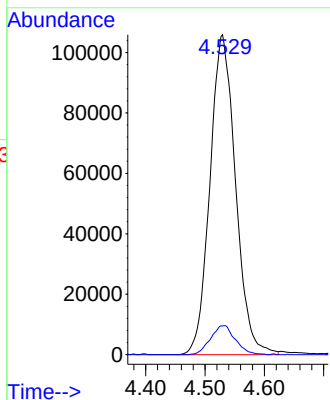
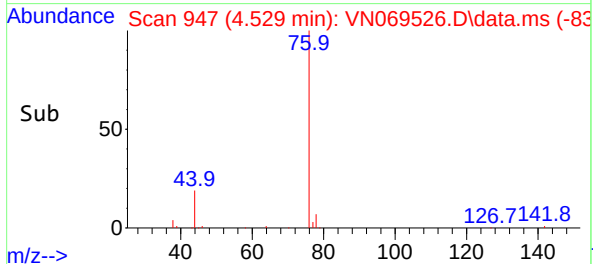
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



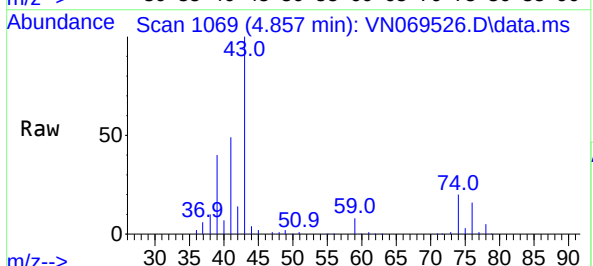
Tgt Ion: 76 Resp: 317750
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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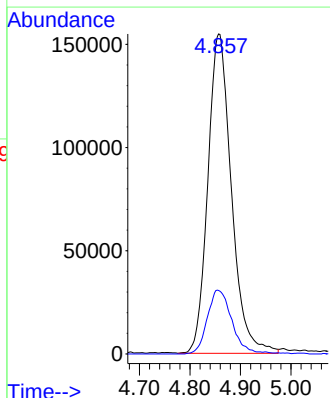
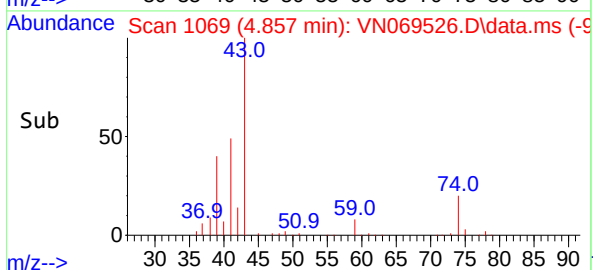
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

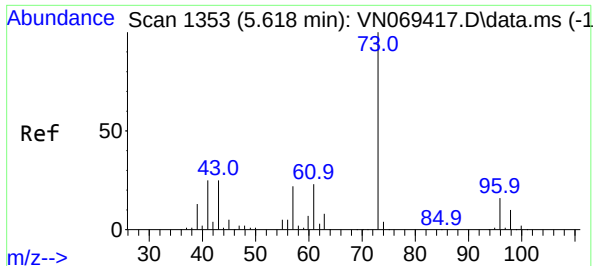


#18
Methyl Acetate
Concen: 18.029 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion: 43 Resp: 501750
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.553 ug/l

RT: 5.616 min Scan# 1158

Delta R.T. -0.002 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 73 Resp: 733989

Ion Ratio Lower Upper

73 100

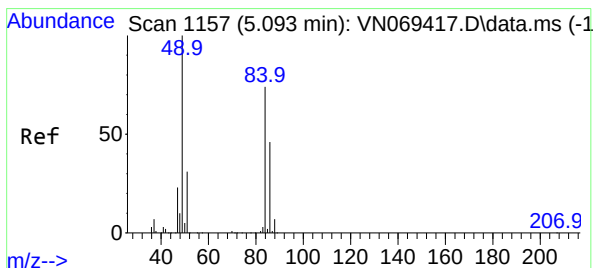
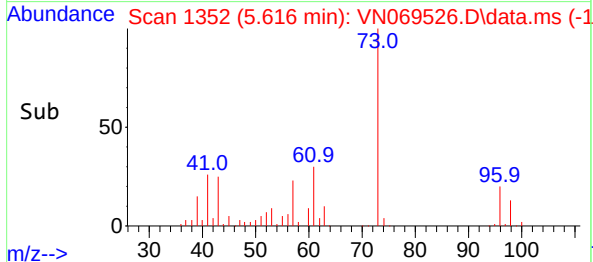
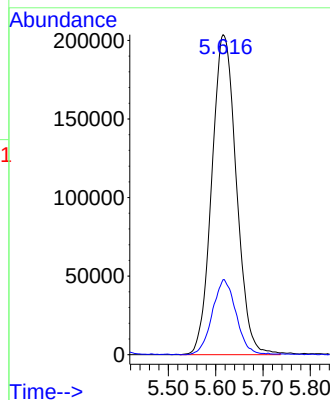
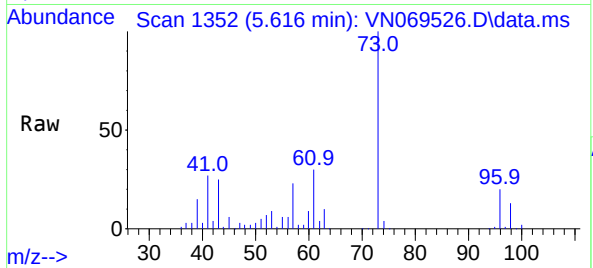
57 23.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#20

Methylene Chloride

Concen: 18.349 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.002 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

Tgt Ion: 84 Resp: 222765

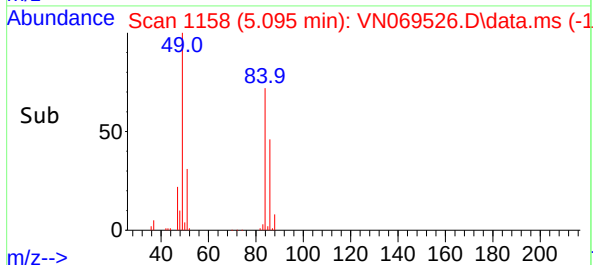
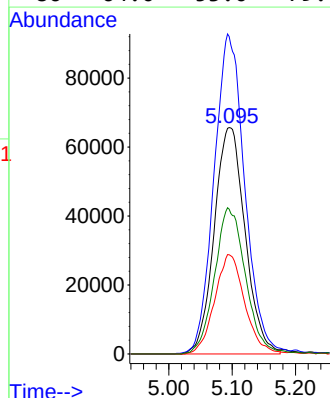
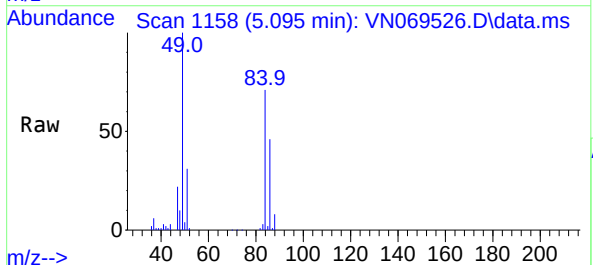
Ion Ratio Lower Upper

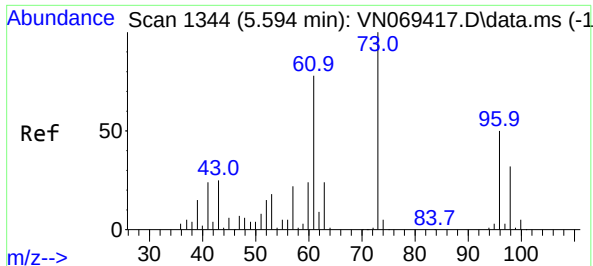
84 100

49 139.9 93.5 140.3

51 43.8 29.4 44.2

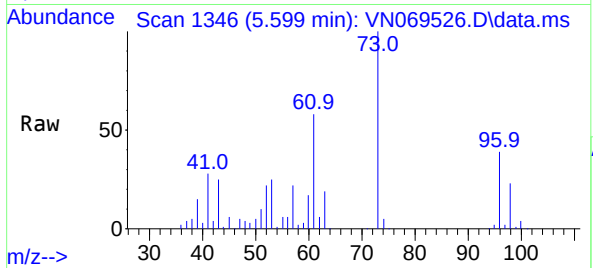
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.998 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

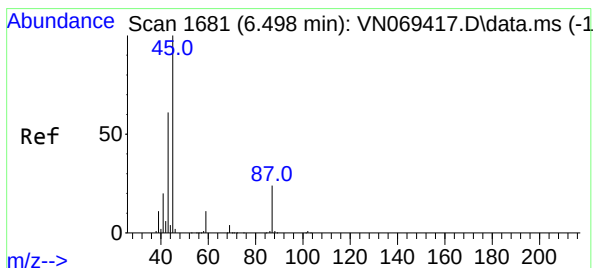
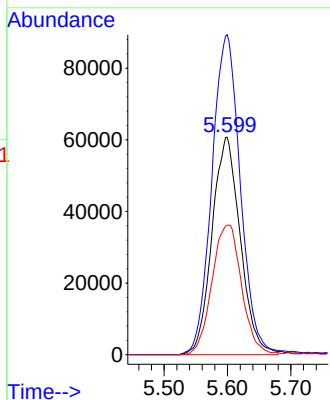
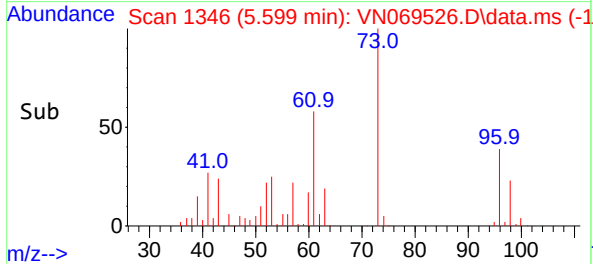
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion: 96 Resp: 188210
Ion Ratio Lower Upper
96 100
61 147.1 105.8 158.6
98 59.4 52.0 78.0

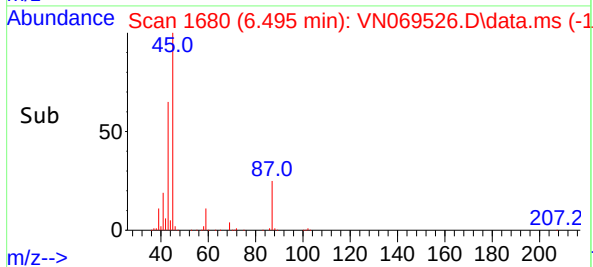
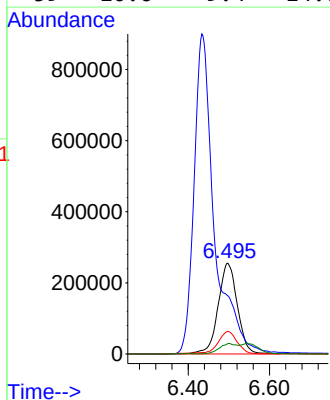
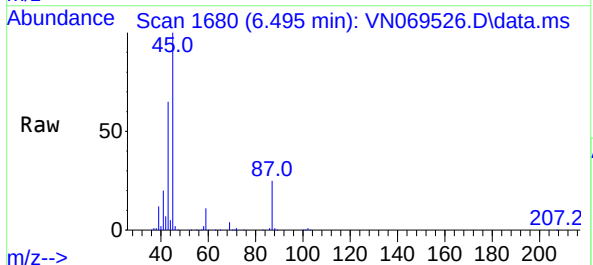
Manual Integrations
APPROVED

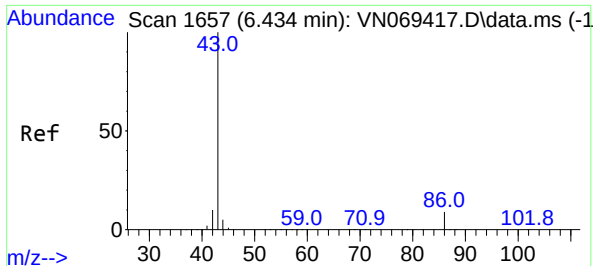
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 19.839 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Tgt Ion: 45 Resp: 838034
Ion Ratio Lower Upper
45 100
43 63.3 51.7 77.5
87 24.6 23.2 34.8
59 10.6 9.4 14.0





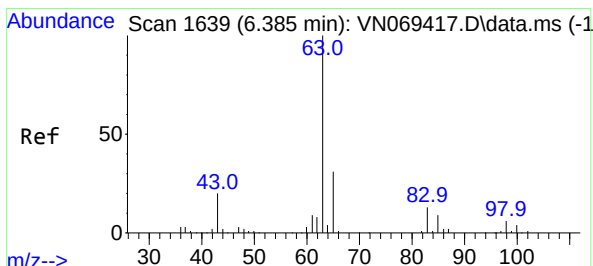
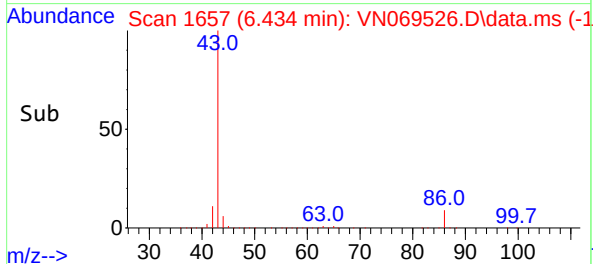
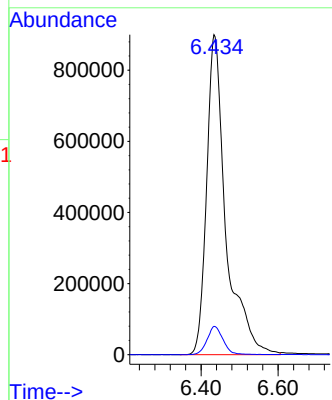
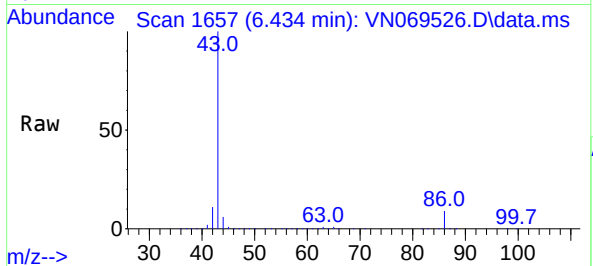
#23
 Vinyl Acetate
 Concen: 95.572 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN069526.D
 Acq: 17 Nov 2021 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01

Tgt Ion: 43 Resp: 312252
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

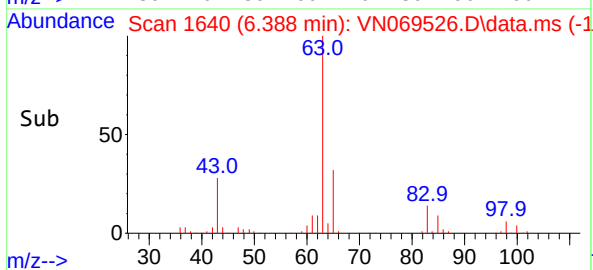
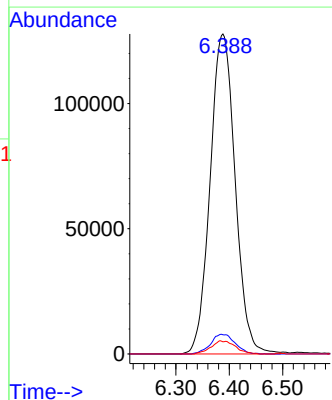
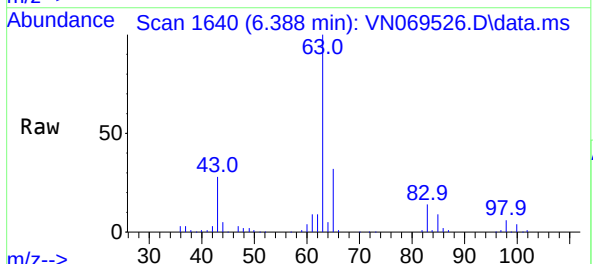
Manual Integrations
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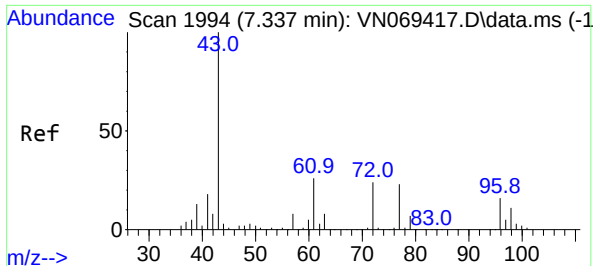
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 19.355 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069526.D
 Acq: 17 Nov 2021 12:31

Tgt Ion: 63 Resp: 416441
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.8 2.1 6.5





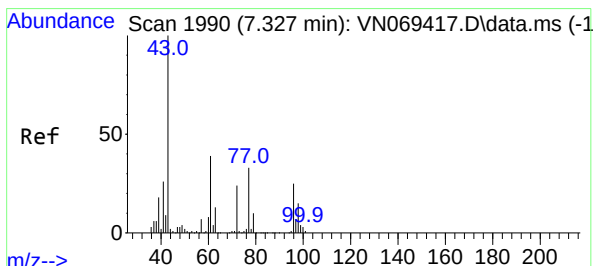
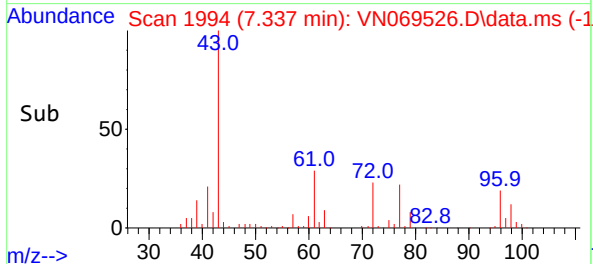
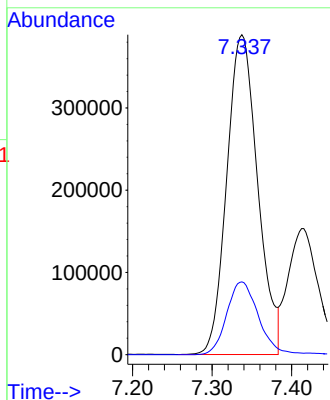
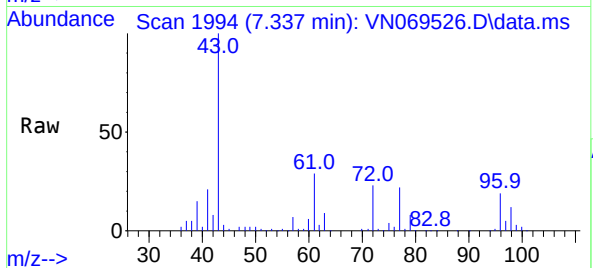
#25
2-Butanone
Concen: 90.601 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion: 43 Resp: 1050310
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5

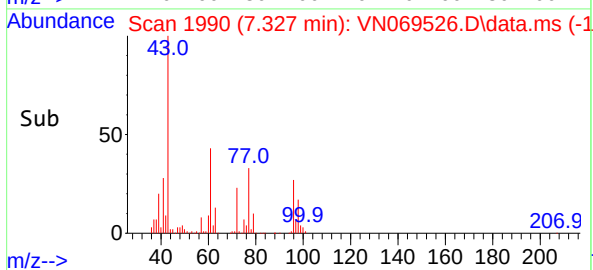
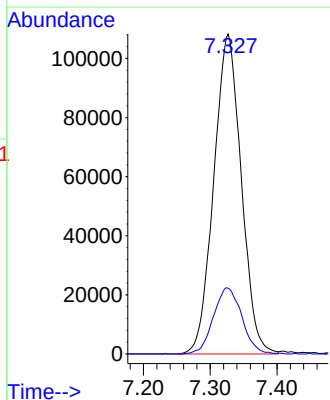
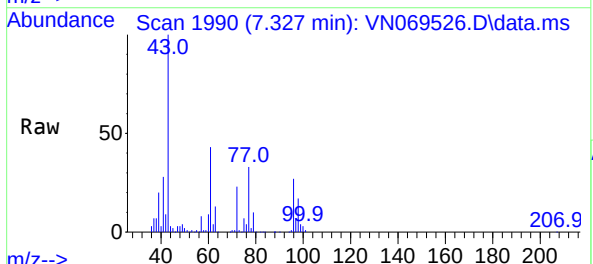
Manual Integrations
APPROVED

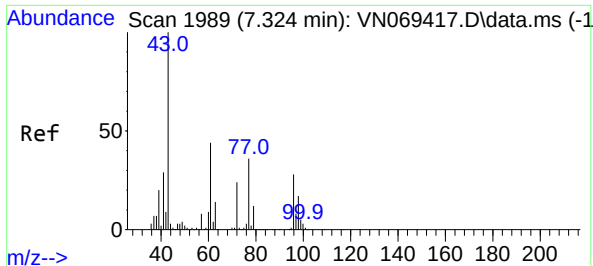
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#26
2,2-Dichloropropane
Concen: 18.398 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

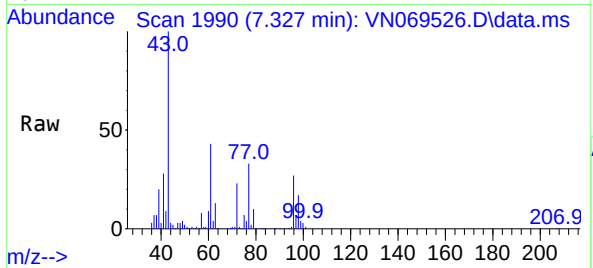
Tgt Ion: 77 Resp: 309718
Ion Ratio Lower Upper
77 100
97 21.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 19.472 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

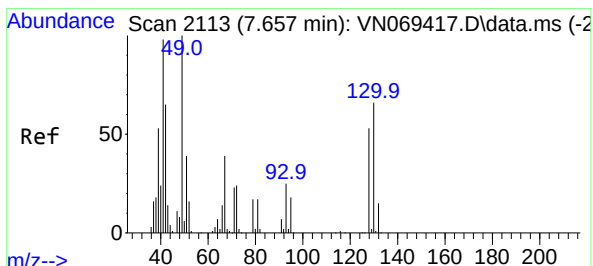
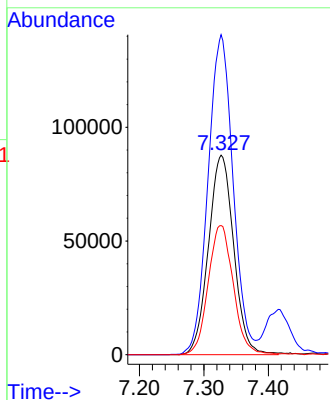
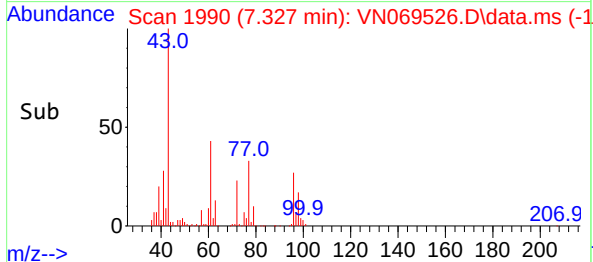
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion: 96 Resp: 239138
Ion Ratio Lower Upper
96 100
61 159.0 0.0 275.0
98 64.4 0.0 129.6

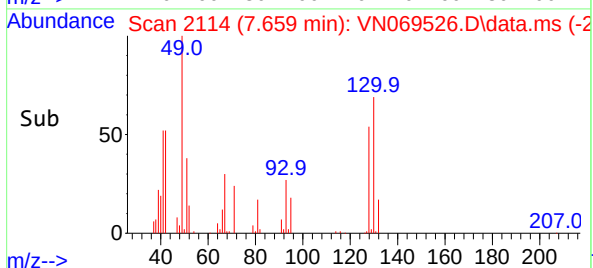
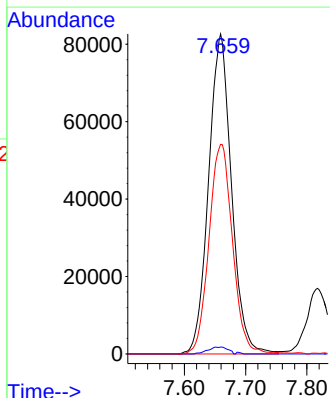
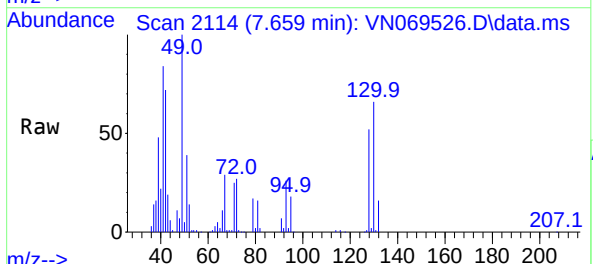
Manual Integrations
APPROVED

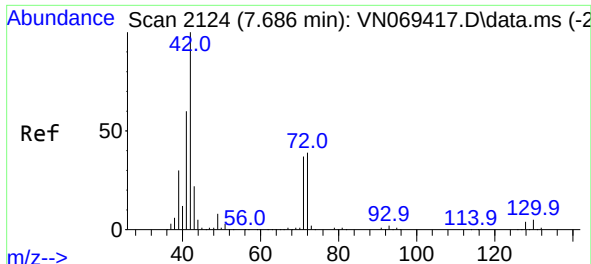
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 19.462 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

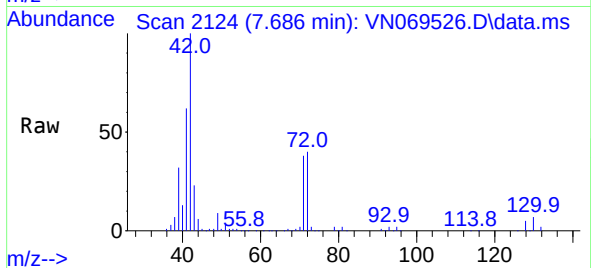
Tgt Ion: 49 Resp: 214448
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 67.2 67.8 101.8





#29
Tetrahydrofuran
Concen: 91.439 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

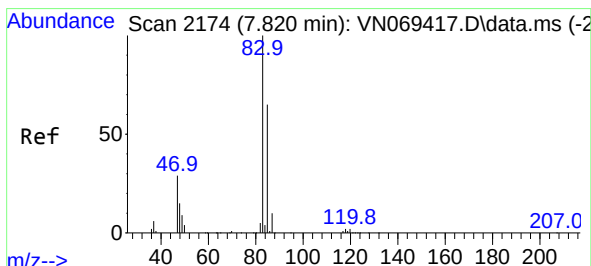
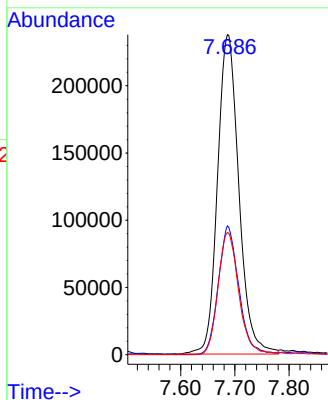
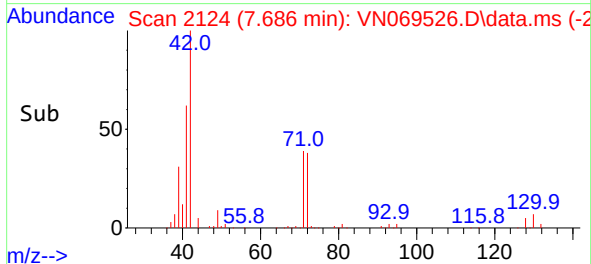
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



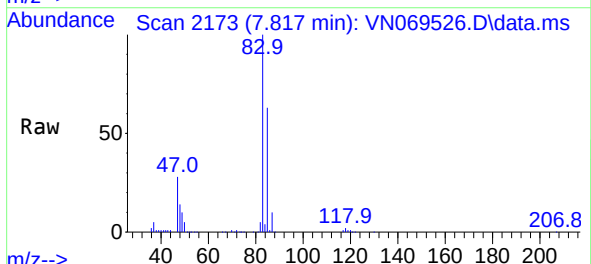
Tgt Ion: 42 Resp: 650514
Ion Ratio Lower Upper
42 100
72 38.4 36.3 54.5
71 37.1 34.7 52.1

Manual Integrations
APPROVED

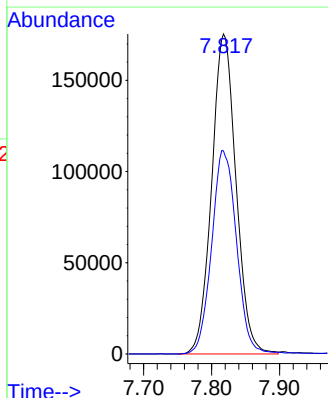
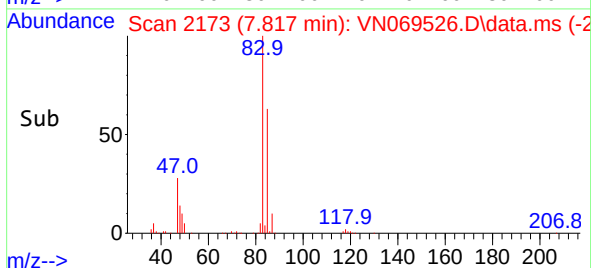
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

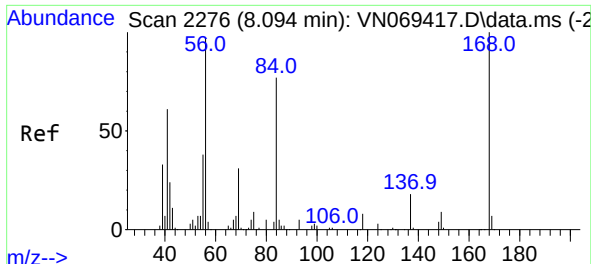


#30
Chloroform
Concen: 19.792 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



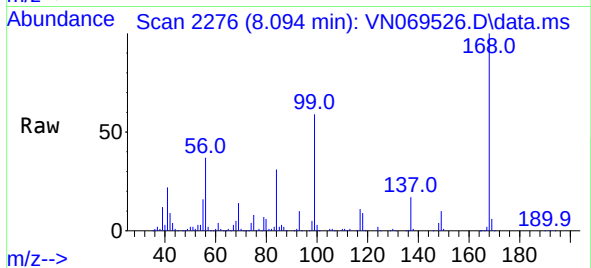
Tgt Ion: 83 Resp: 436563
Ion Ratio Lower Upper
83 100
85 63.5 51.9 77.9





#31
Cyclohexane
Concen: 18.178 ug/l
RT: 8.094 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

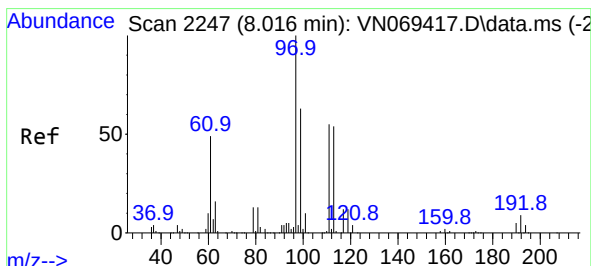
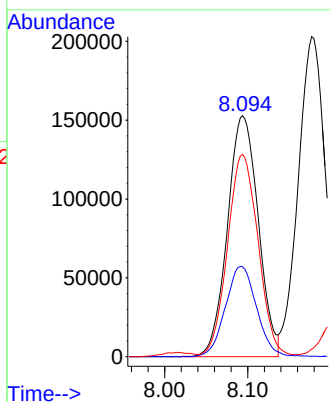
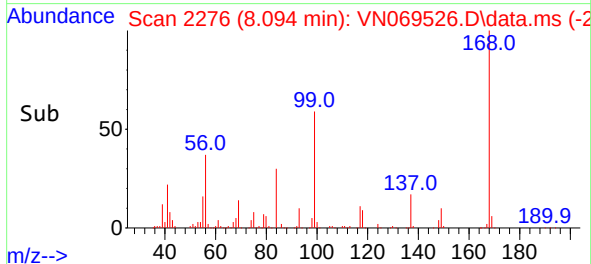
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



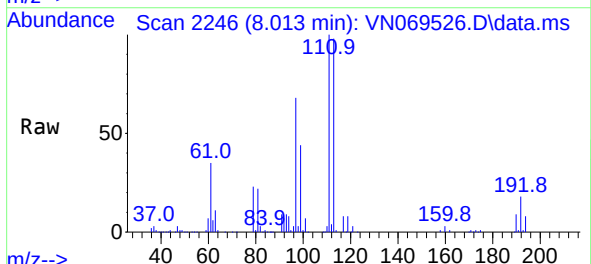
Tgt Ion: 56 Resp: 394064
Ion Ratio Lower Upper
56 100
69 37.3 27.1 40.7
84 82.1 73.4 110.0

Manual Integrations
APPROVED

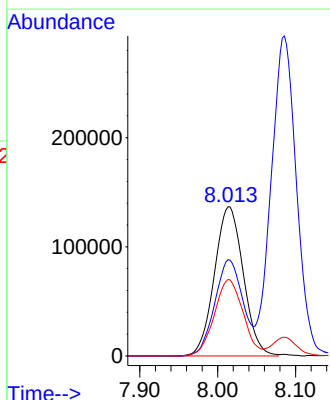
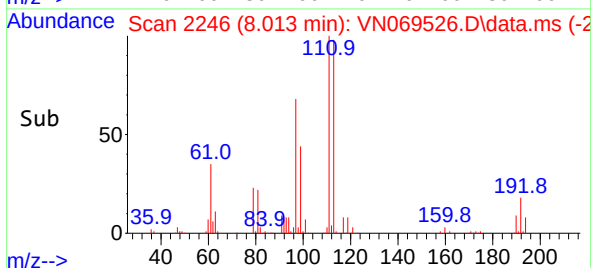
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

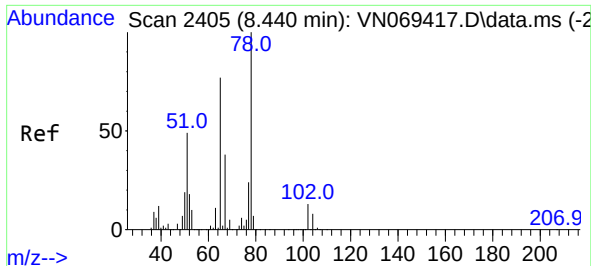


#32
1,1,1-Trichloroethane
Concen: 19.145 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion: 97 Resp: 352502
Ion Ratio Lower Upper
97 100
99 62.5 50.1 75.1
61 50.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 49.920 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 65 Resp: 792109

Ion Ratio Lower Upper

65 100

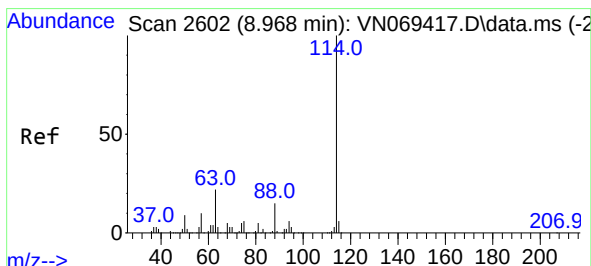
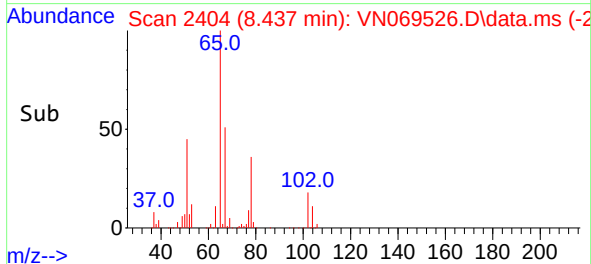
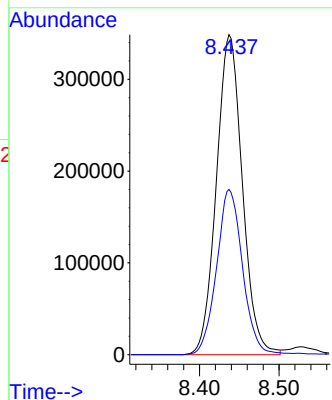
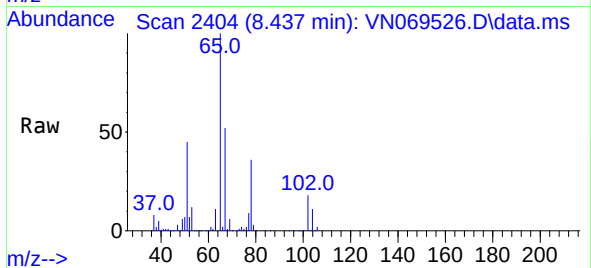
67 51.7 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

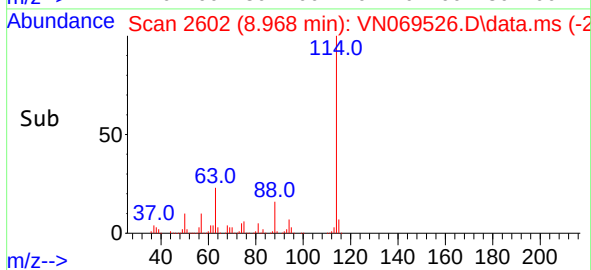
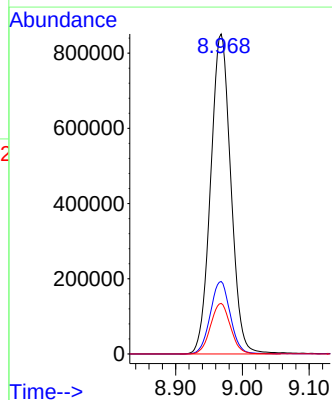
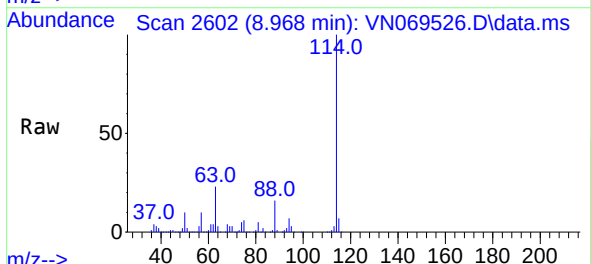
Tgt Ion:114 Resp: 1783011

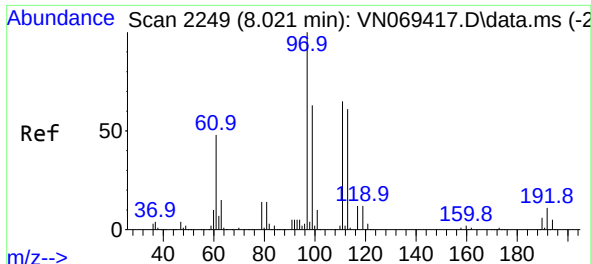
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

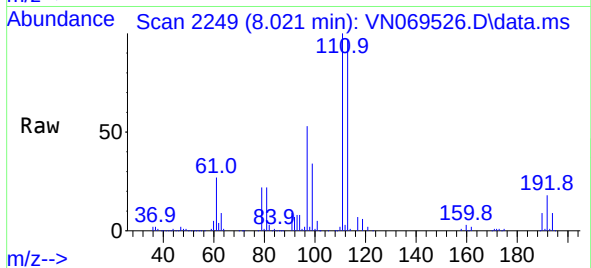
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.166 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

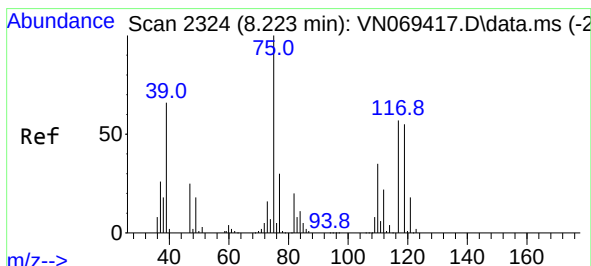
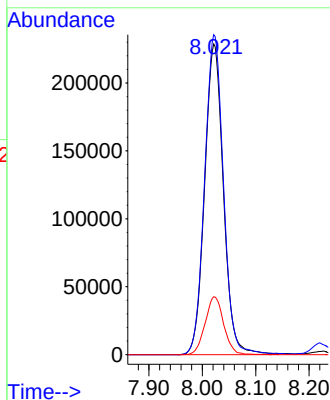
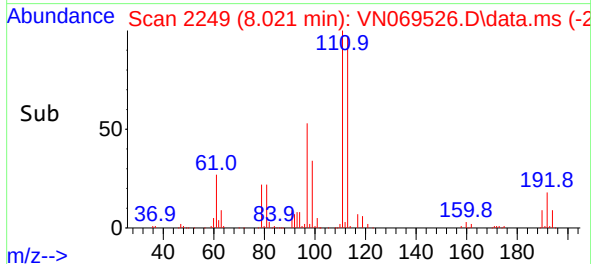
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



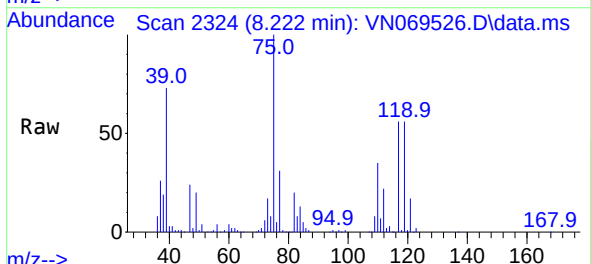
Tgt Ion: 113 Resp: 55784
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 18.4 16.9 25.3

Manual Integrations
APPROVED

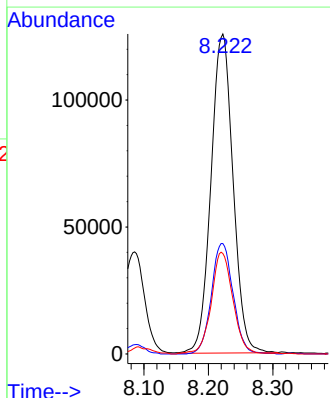
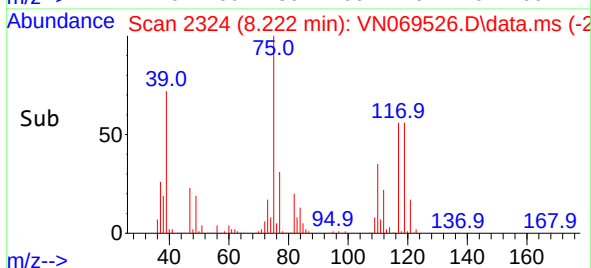
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

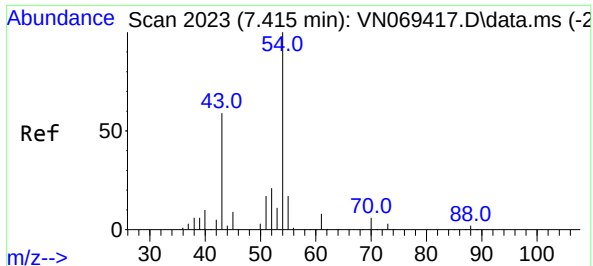


#36
1,1-Dichloropropene
Concen: 19.974 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion: 75 Resp: 299670
Ion Ratio Lower Upper
75 100
110 34.1 18.4 55.2
77 31.3 24.4 36.6





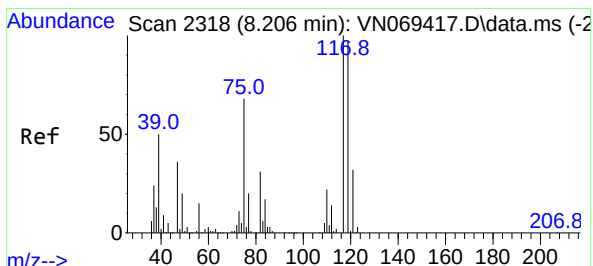
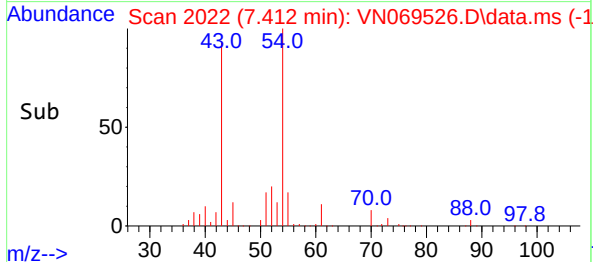
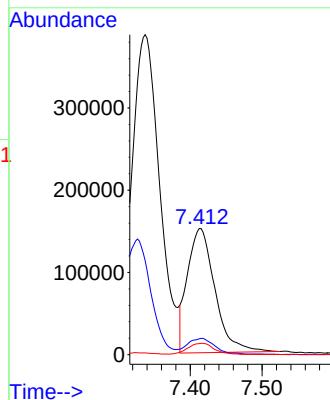
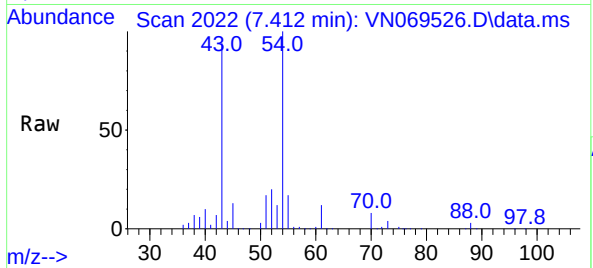
#37
Ethyl Acetate
Concen: 19.799 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion: 43 Resp: 401549
Ion Ratio Lower Upper
43 100
61 11.2 11.5 17.3
70 8.6 7.9 11.9

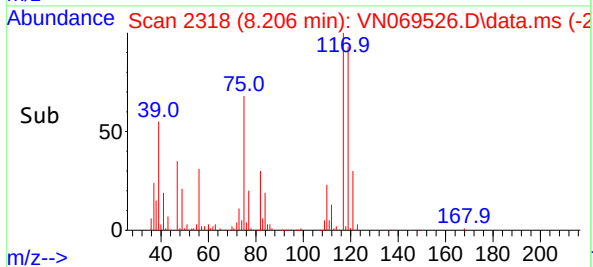
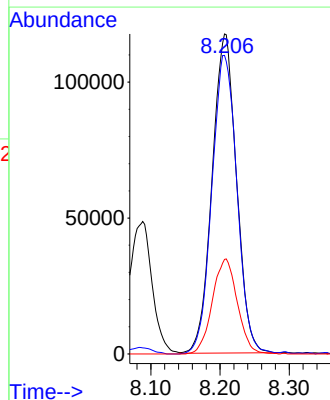
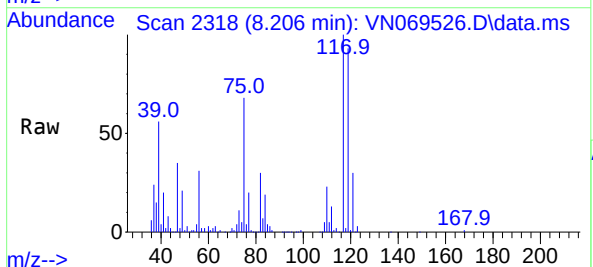
Manual Integrations
APPROVED

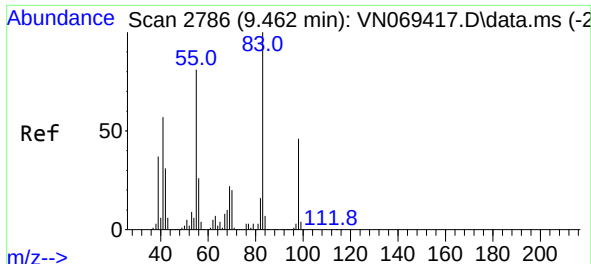
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 19.795 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Tgt Ion:117 Resp: 286722
Ion Ratio Lower Upper
117 100
119 93.6 76.1 114.1
121 29.6 24.2 36.2





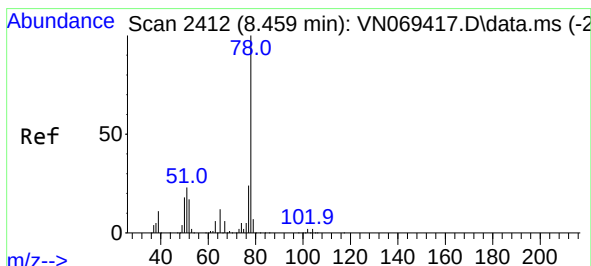
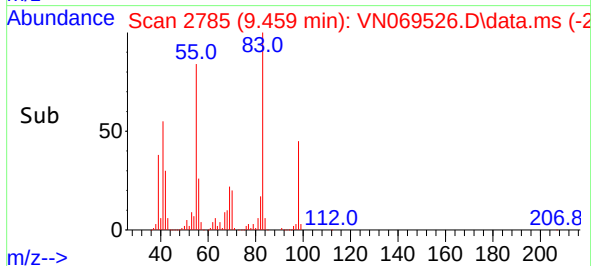
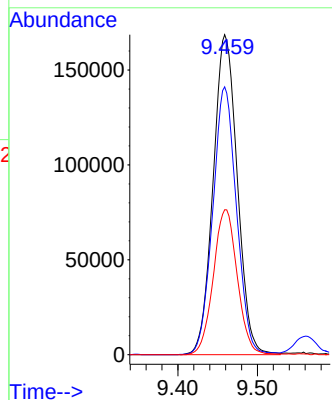
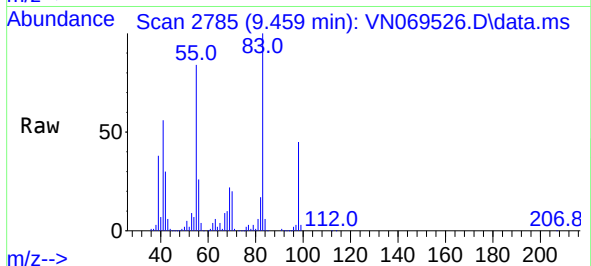
#39
Methylcyclohexane
Concen: 19.097 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion: 83 Resp: 356410
Ion Ratio Lower Upper
83 100
55 83.6 58.1 87.1
98 45.3 38.4 57.6

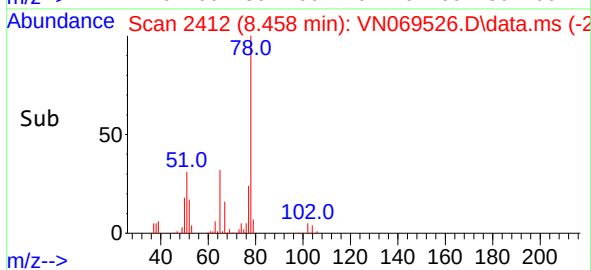
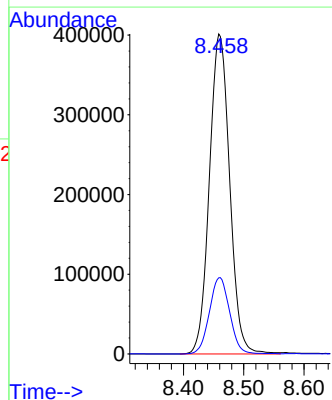
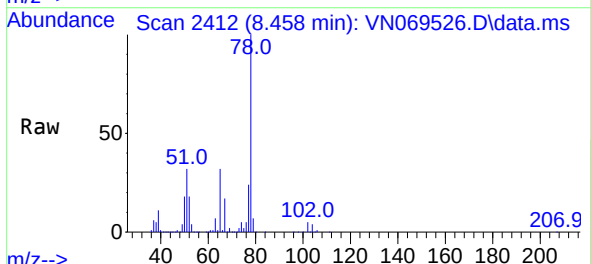
Manual Integrations
APPROVED

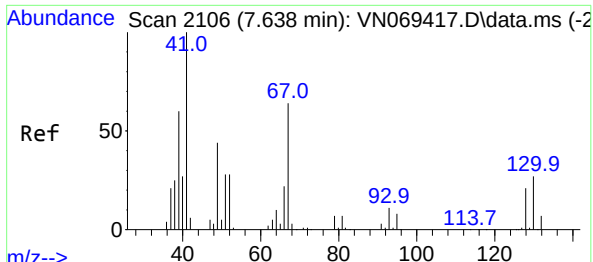
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 20.247 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

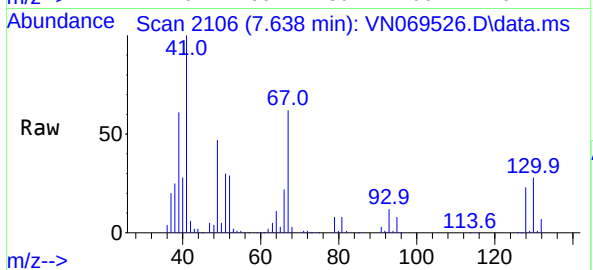
Tgt Ion: 78 Resp: 937625
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 19.400 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

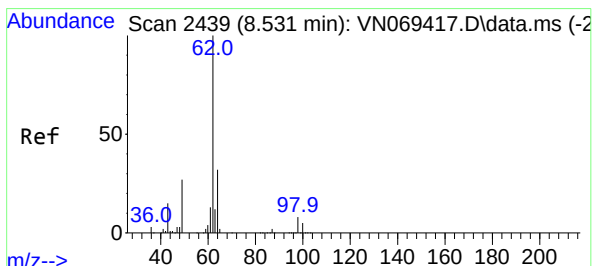
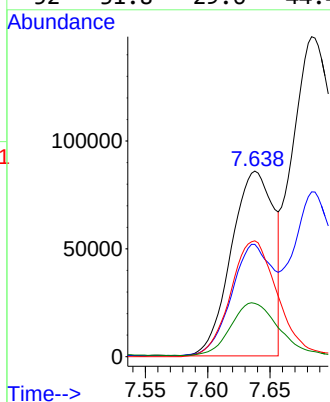
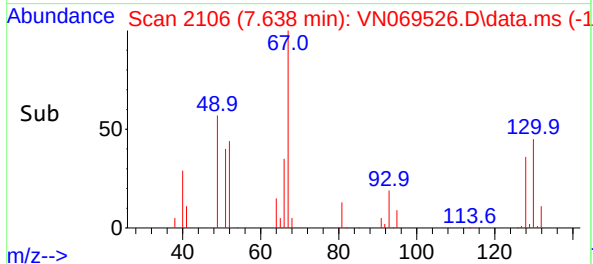
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion: 41 Resp: 20329
Ion Ratio Lower Upper
41 100
39 58.7 48.1 72.1
67 70.8 68.3 102.5
52 31.8 29.6 44.4

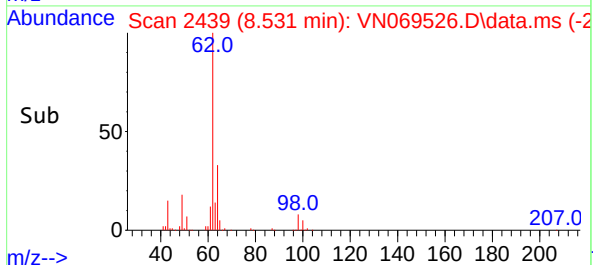
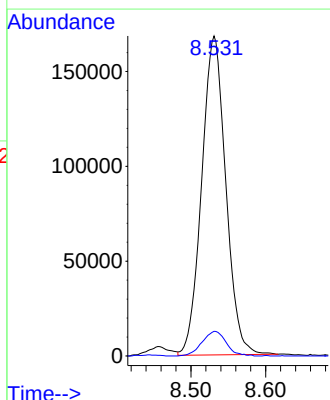
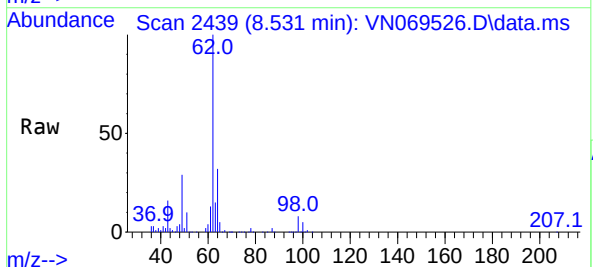
Manual Integrations
APPROVED

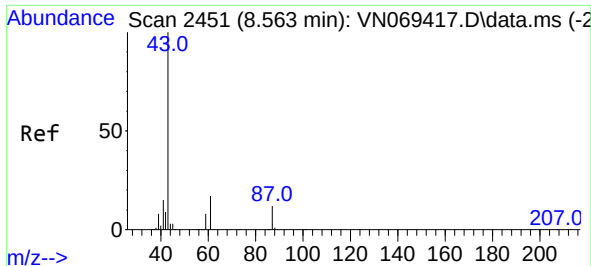
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 20.807 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

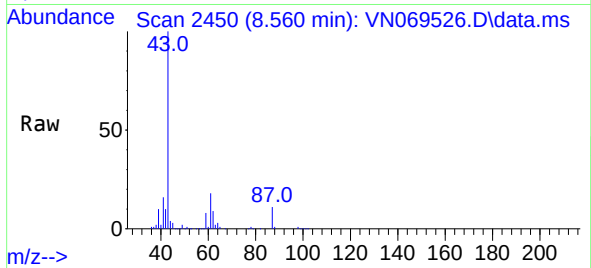
Tgt Ion: 62 Resp: 377280
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.399 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

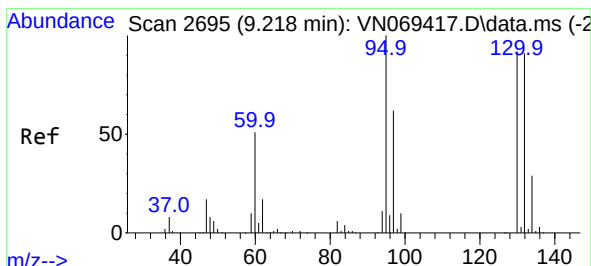
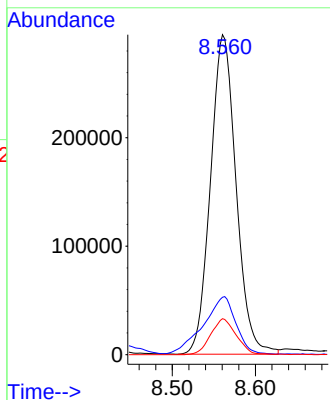
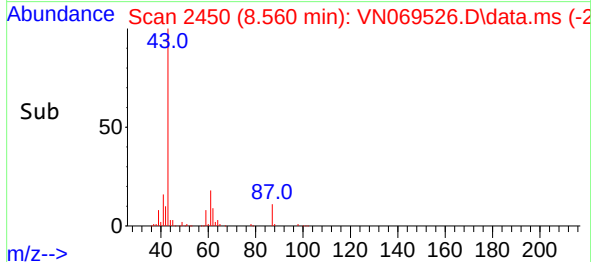
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



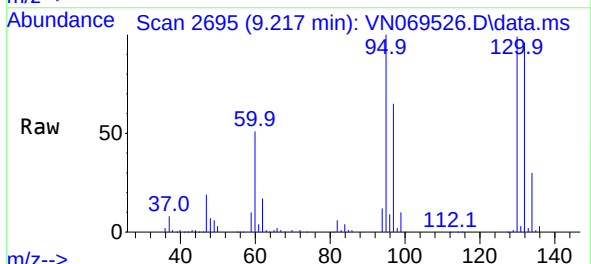
Tgt Ion: 43 Resp: 63191
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.2 11.2 16.8

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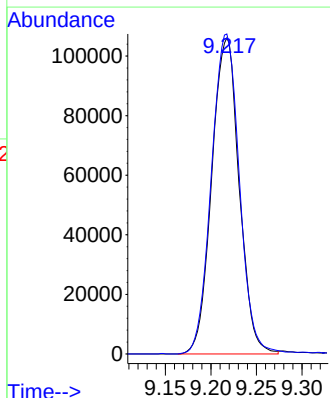
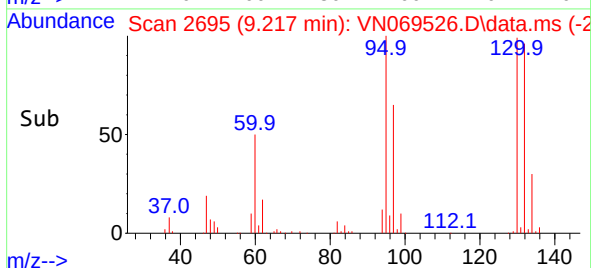
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

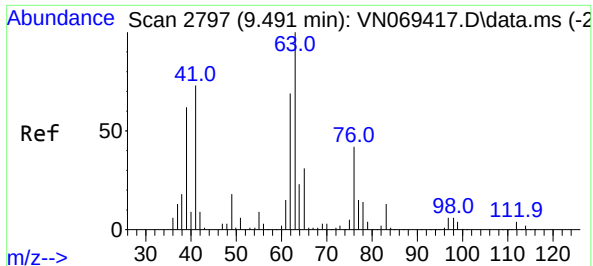


#44
Trichloroethene
Concen: 19.969 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion:130 Resp: 221315
Ion Ratio Lower Upper
130 100
95 101.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.749 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tgt Ion: 63 Resp: 256710

Ion Ratio Lower Upper

63 100

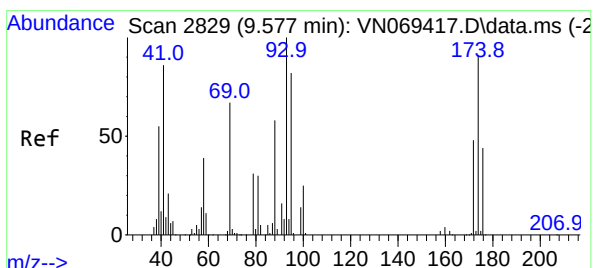
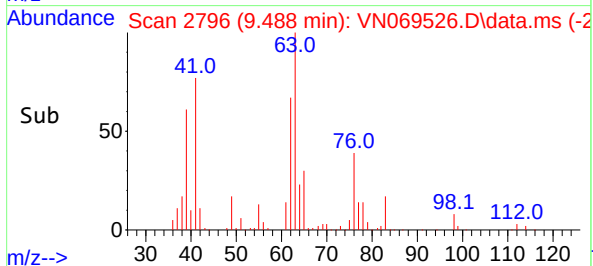
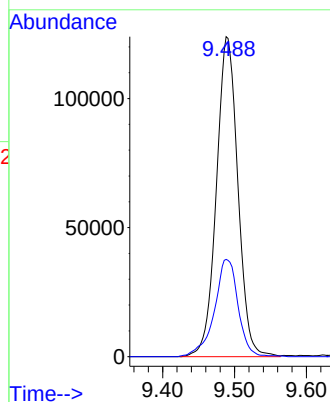
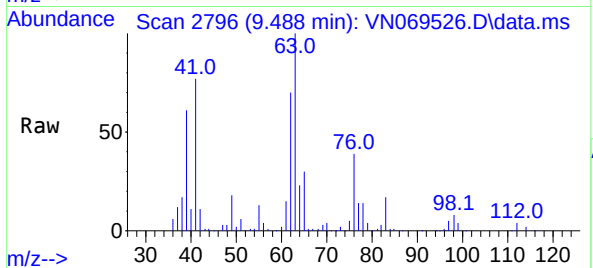
65 30.2 24.7 37.1

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 20.110 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

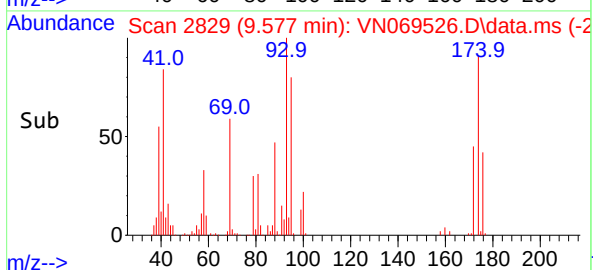
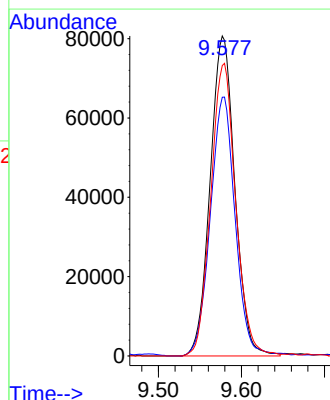
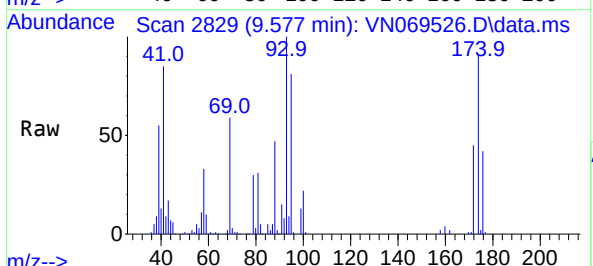
Tgt Ion: 93 Resp: 166651

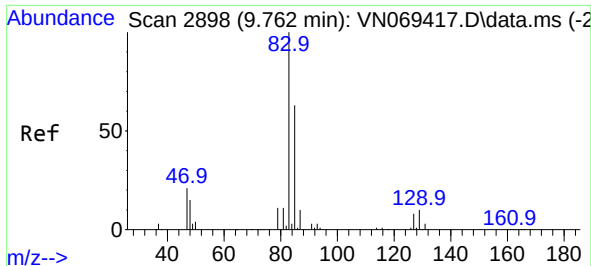
Ion Ratio Lower Upper

93 100

95 81.2 65.9 98.9

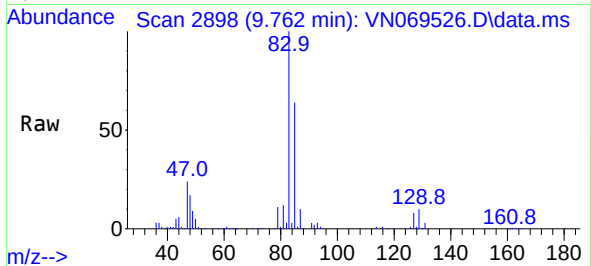
174 92.5 84.6 127.0





#47
Bromodichloromethane
Concen: 20.359 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

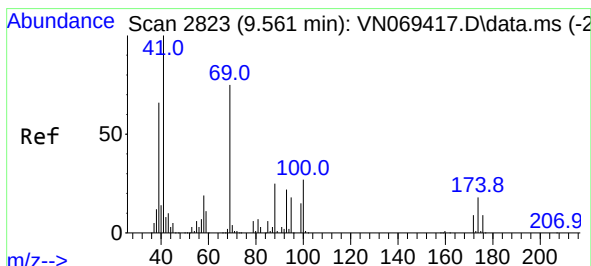
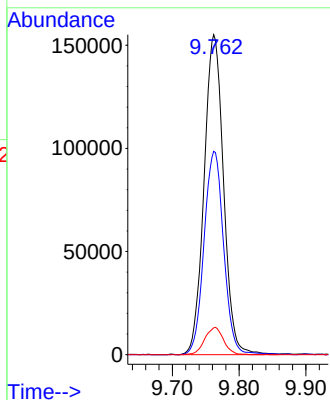
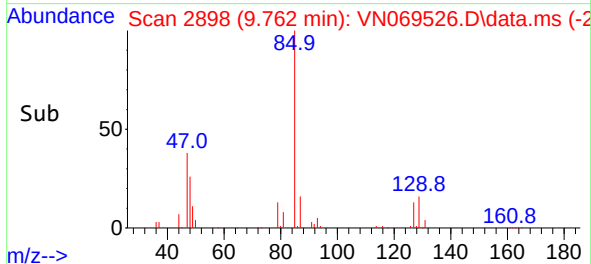
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



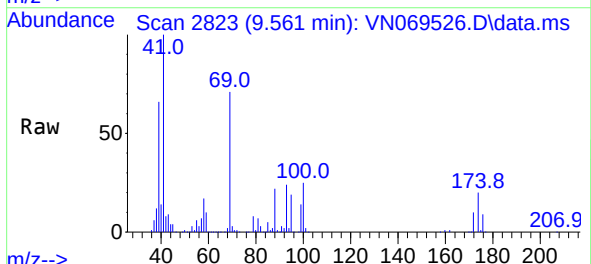
Tgt Ion: 83 Resp: 314839
Ion Ratio Lower Upper
83 100
85 63.5 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations
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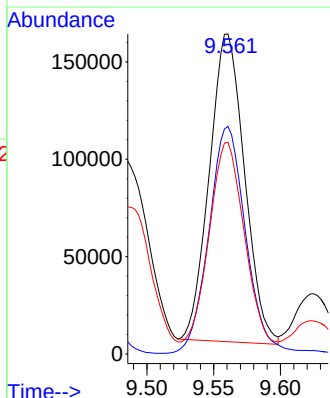
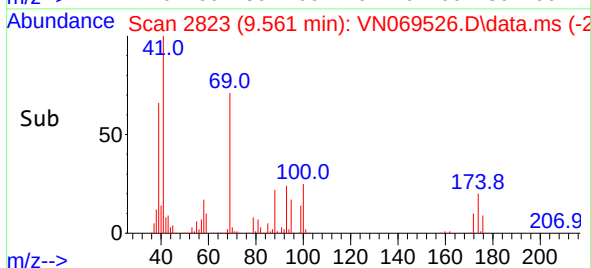
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

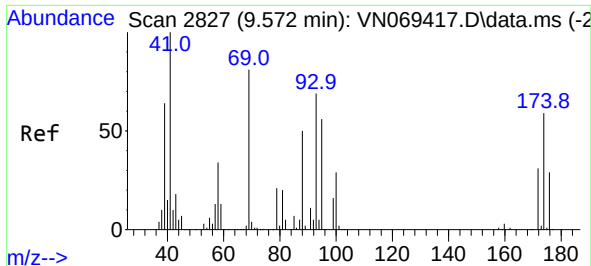


#48
Methyl methacrylate
Concen: 18.858 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



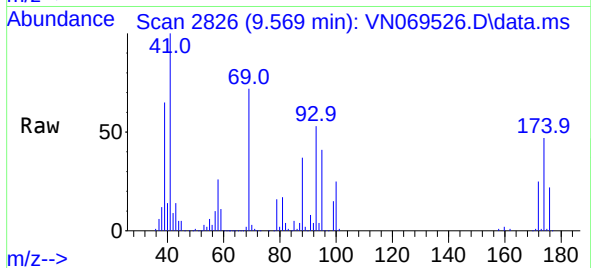
Tgt Ion: 41 Resp: 289024
Ion Ratio Lower Upper
41 100
69 77.7 72.4 108.6
39 71.1 58.4 87.6





#49
1,4-Dioxane
Concen: 349.230 ug/l
RT: 9.569 min Scan# 2827
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

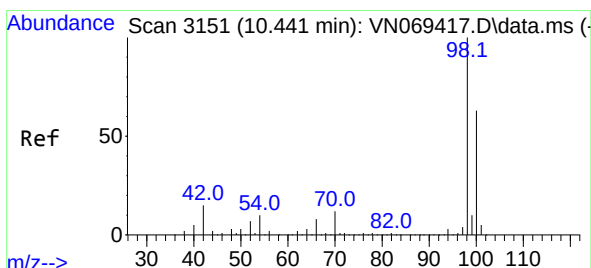
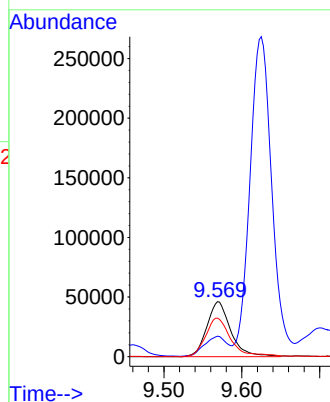
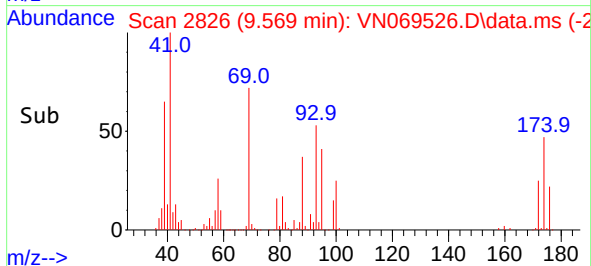
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



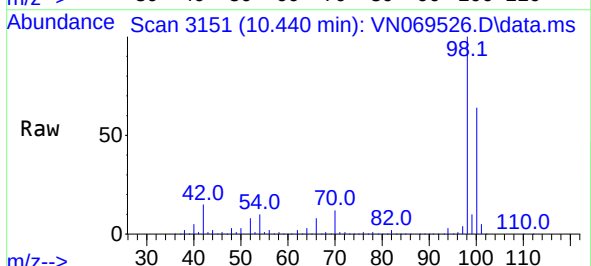
Tgt Ion: 88 Resp: 98030
Ion Ratio Lower Upper
88 100
43 34.8 23.4 35.2
58 75.1 50.6 75.8

Manual Integrations
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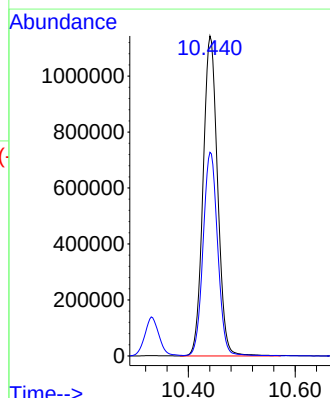
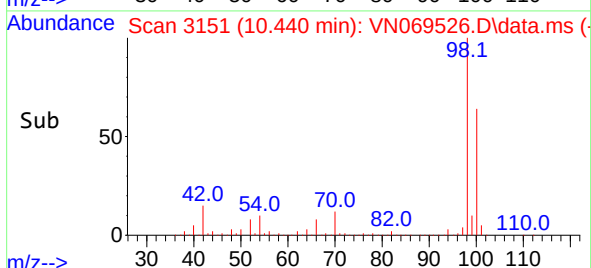
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

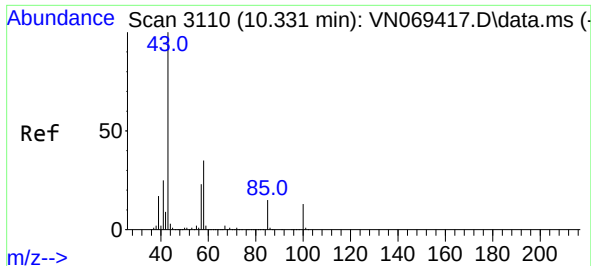


#50
Toluene-d8
Concen: 51.292 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion: 98 Resp: 2157233
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6





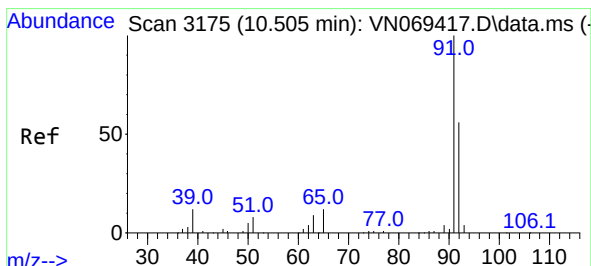
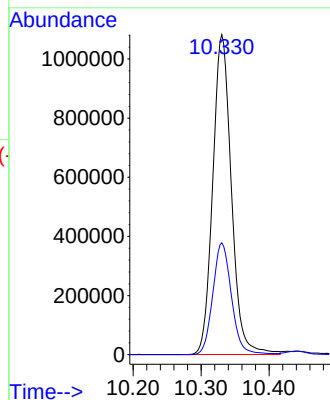
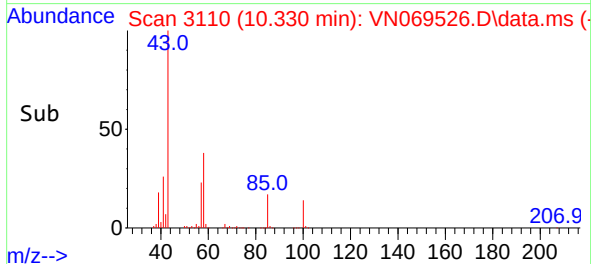
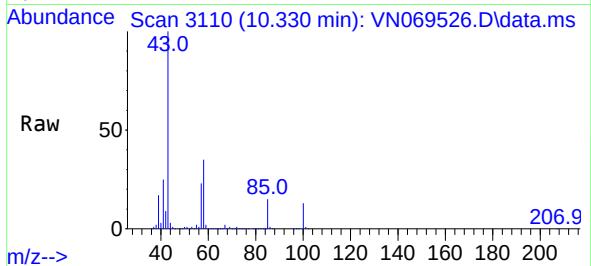
#51
4-Methyl-2-Pentanone
Concen: 98.007 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion: 43 Resp: 206074
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

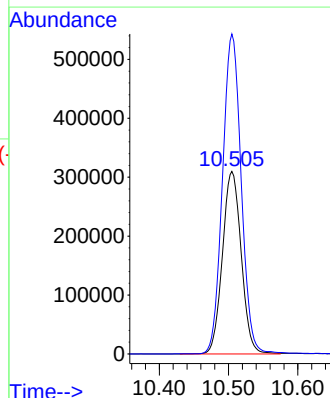
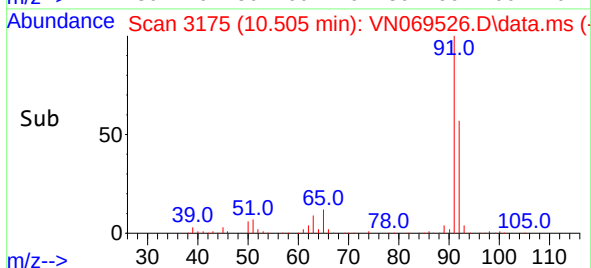
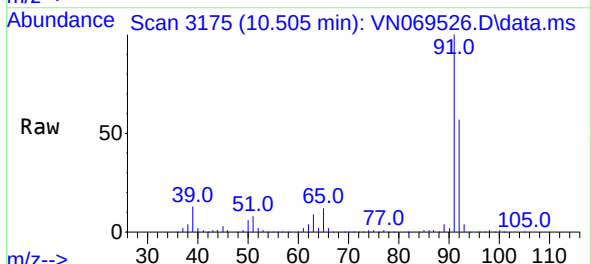
Manual Integrations
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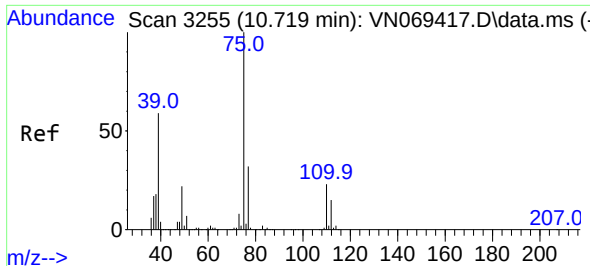
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 20.245 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

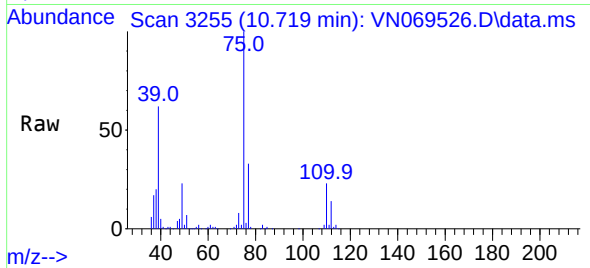
Tgt Ion: 92 Resp: 584069
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 17.776 ug/l
 RT: 10.719 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069526.D
 Acq: 17 Nov 2021 12:31

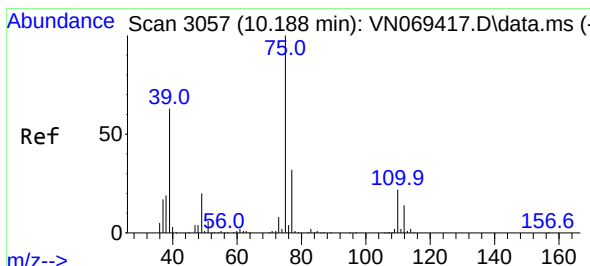
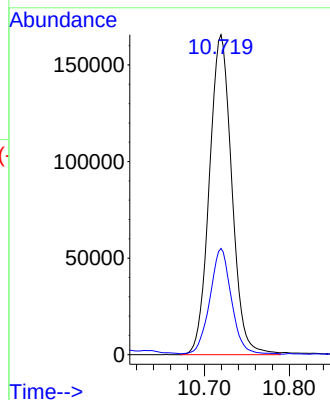
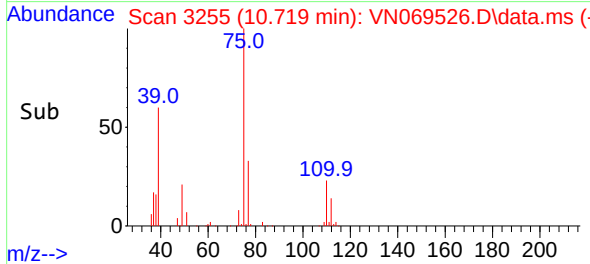
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01



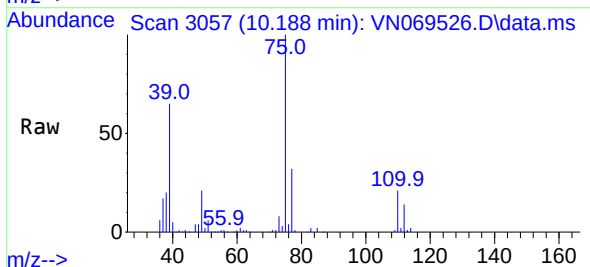
Tgt Ion: 75 Resp: 303879
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.6 38.4

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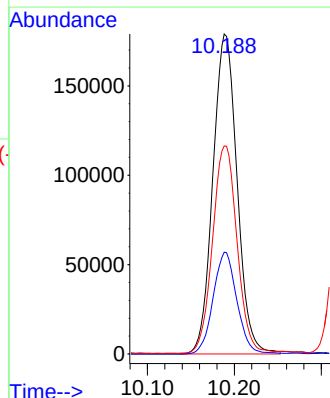
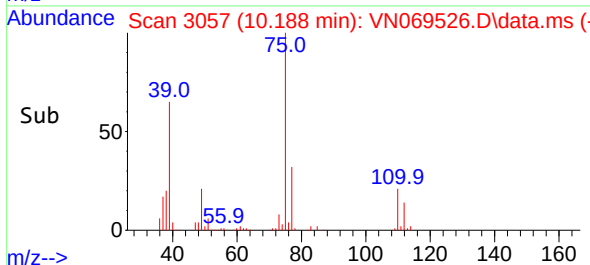
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

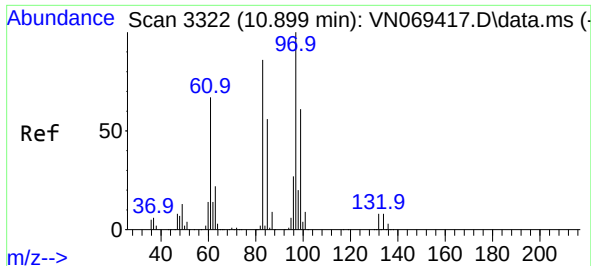


#54
 cis-1,3-Dichloropropene
 Concen: 18.432 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN069526.D
 Acq: 17 Nov 2021 12:31



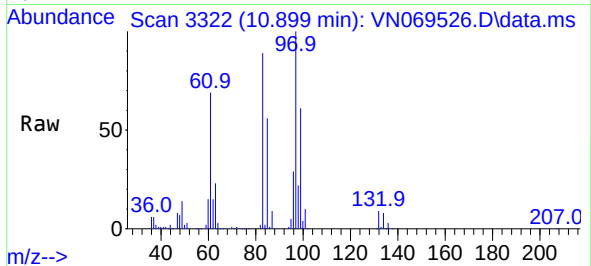
Tgt Ion: 75 Resp: 346593
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.4 39.6
 39 64.7 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 20.625 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

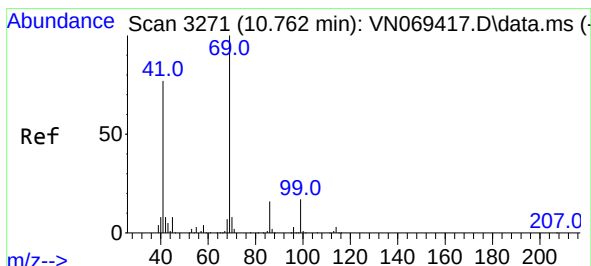
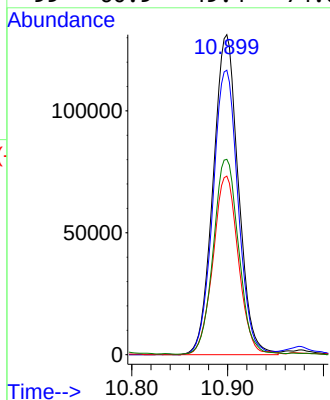


Tgt Ion: 97 Resp: 23985

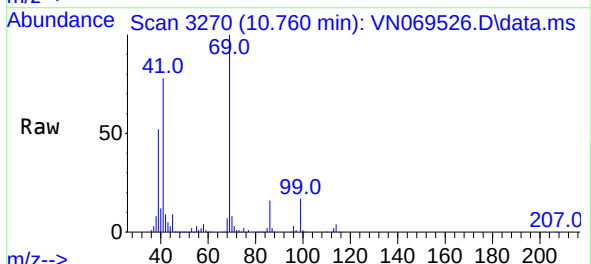
Ion	Ratio	Lower	Upper
97	100		
83	88.9	67.8	101.6
85	55.8	45.4	68.2
99	60.9	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

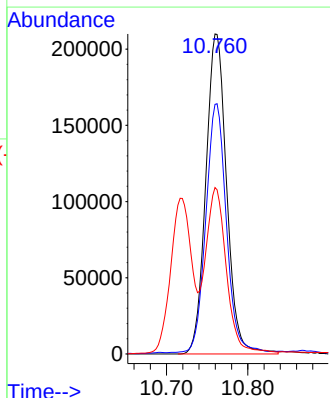
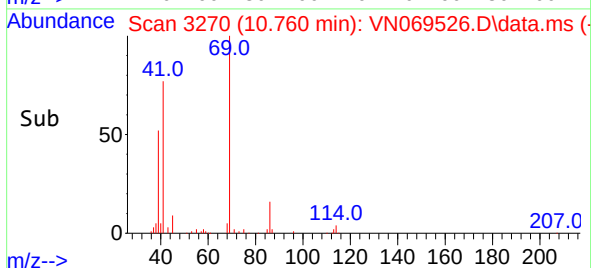


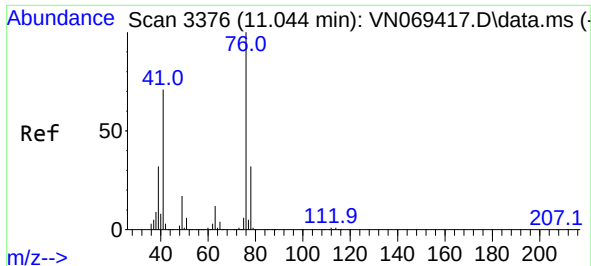
#56
Ethyl methacrylate
Concen: 18.404 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion: 69 Resp: 373701

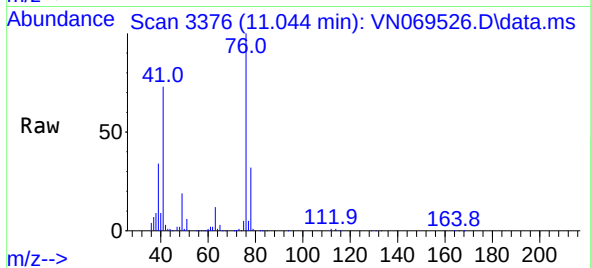
Ion	Ratio	Lower	Upper
69	100		
41	76.8	51.4	77.0
39	49.6	34.6	52.0





#57
1,3-Dichloropropane
Concen: 20.237 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

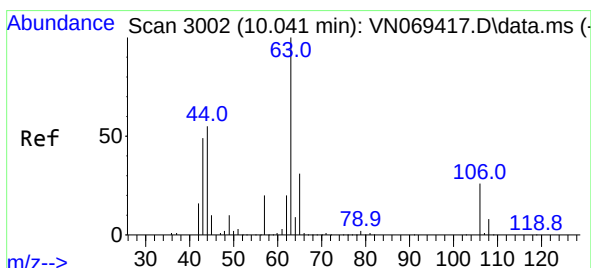
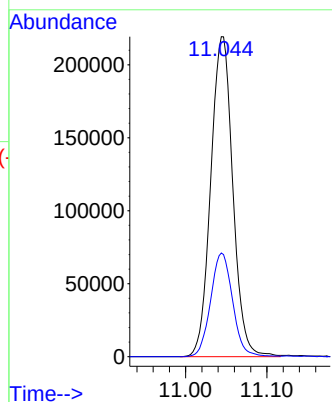
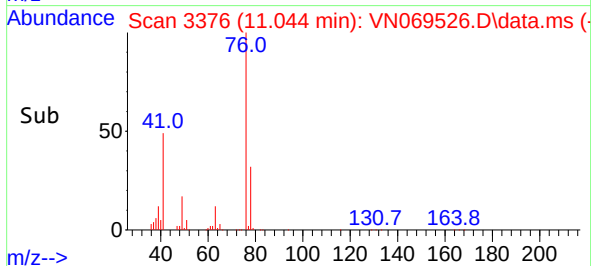
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



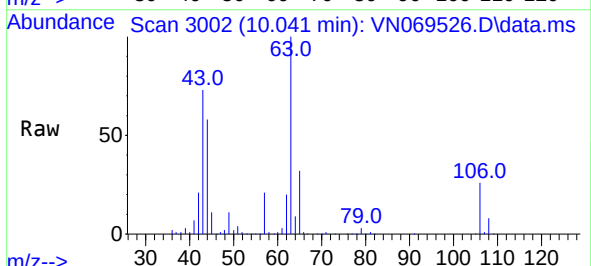
Tgt Ion: 76 Resp: 41355
Ion Ratio Lower Upper
76 100
78 32.3 25.7 38.5

Manual Integrations
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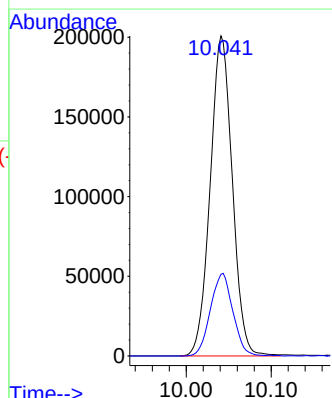
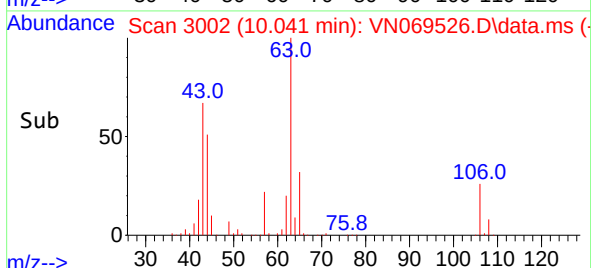
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

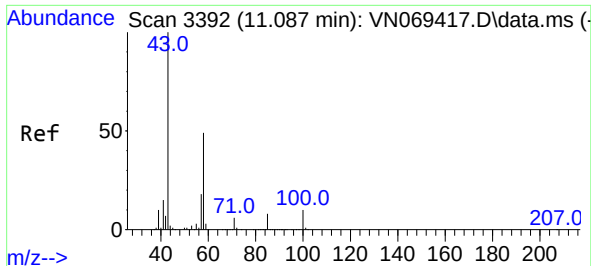


#58
2-Chloroethyl Vinyl ether
Concen: 81.401 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



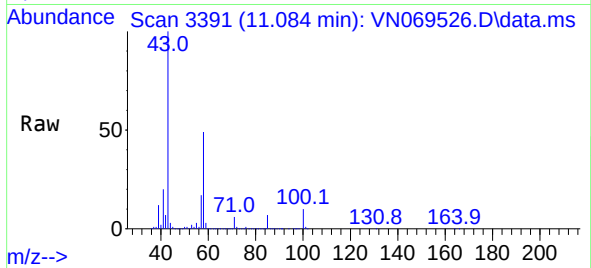
Tgt Ion: 63 Resp: 363507
Ion Ratio Lower Upper
63 100
106 26.1 23.9 35.9





#59
2-Hexanone
Concen: 86.362 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

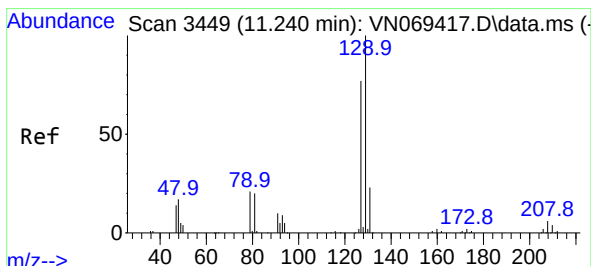
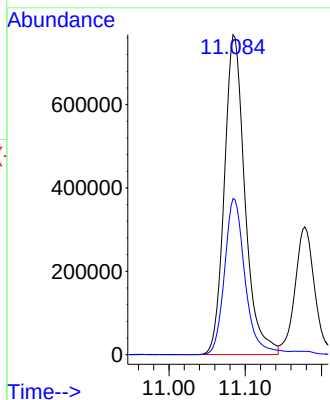
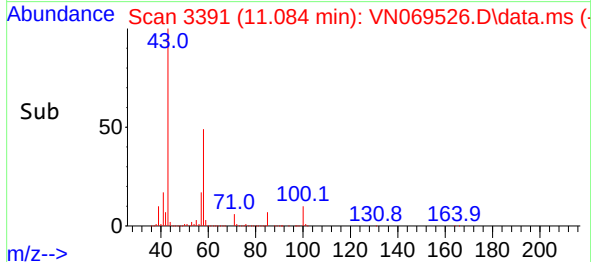
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion: 43 Resp: 143790
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

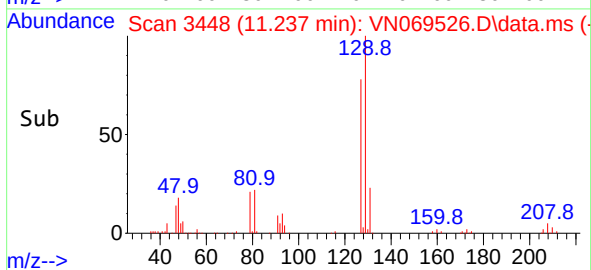
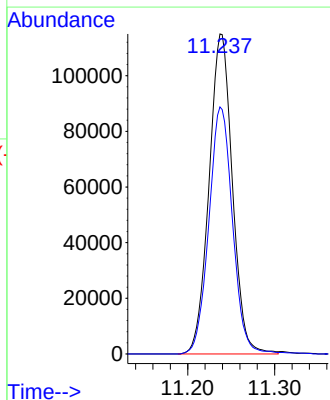
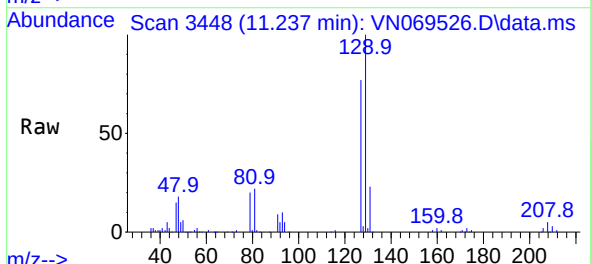
Manual Integrations
APPROVED

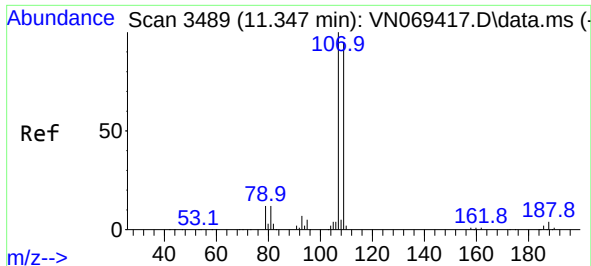
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 18.410 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

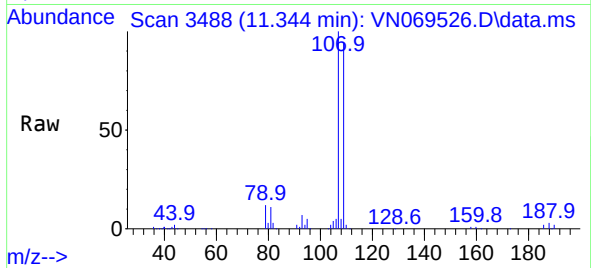
Tgt Ion:129 Resp: 214508
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.792 ug/l
RT: 11.344 min Scan# 3489
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

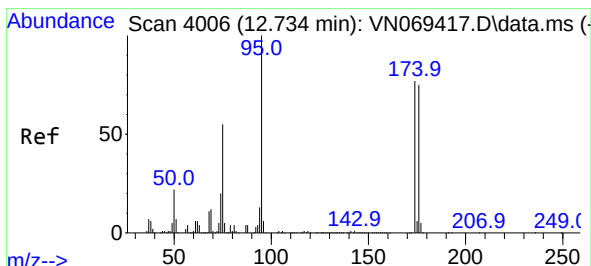
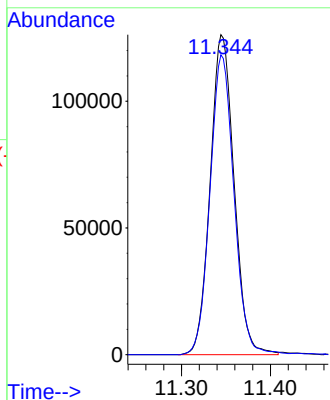
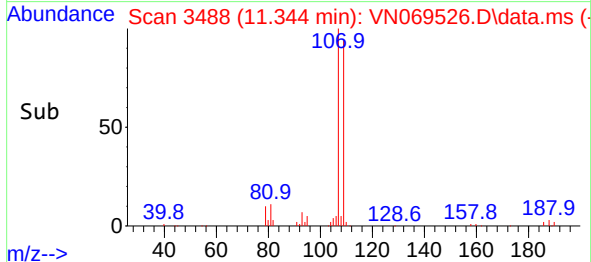
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



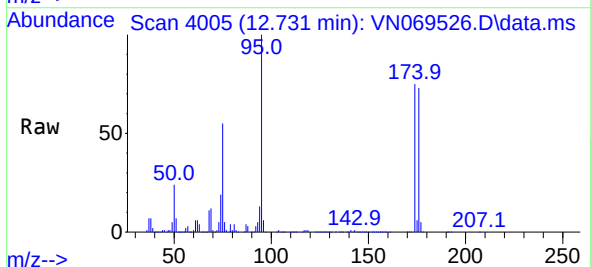
Tgt Ion:107 Resp: 235064
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

Manual Integrations
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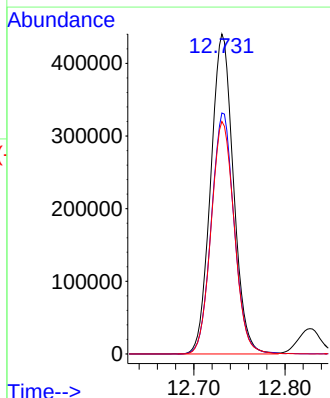
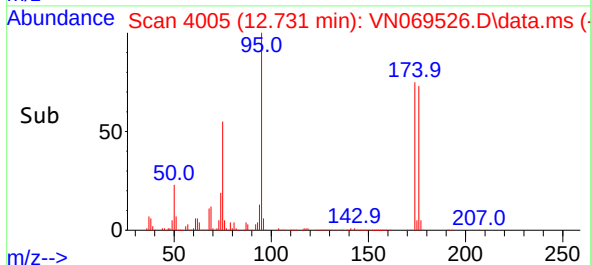
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

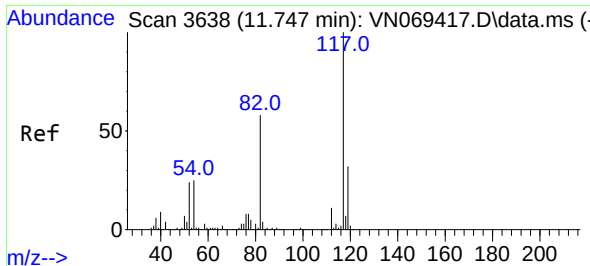


#62
4-Bromofluorobenzene
Concen: 49.425 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



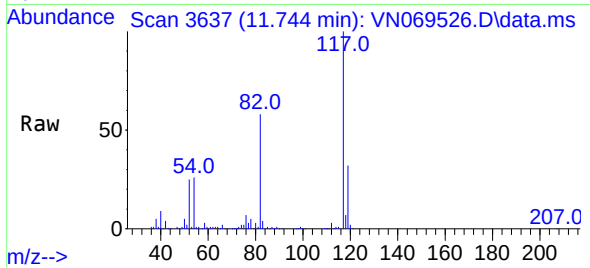
Tgt Ion: 95 Resp: 763653
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 73.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

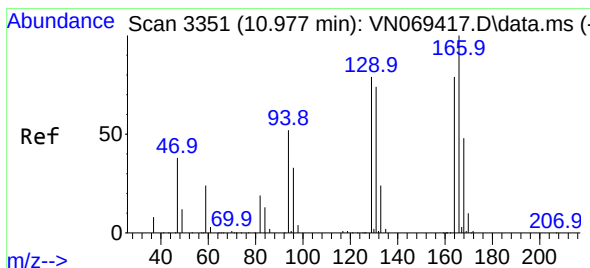
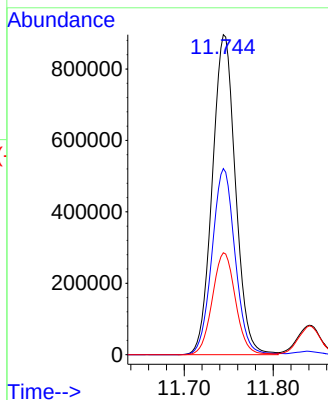
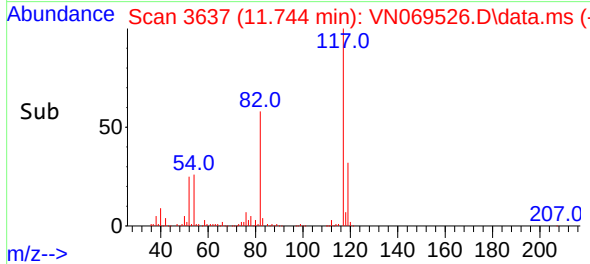
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



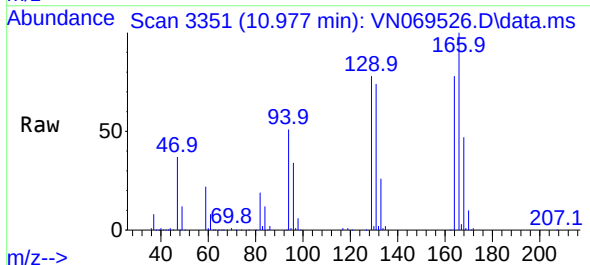
Tgt Ion:117 Resp: 1619308
Ion Ratio Lower Upper
117 100
82 58.1 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

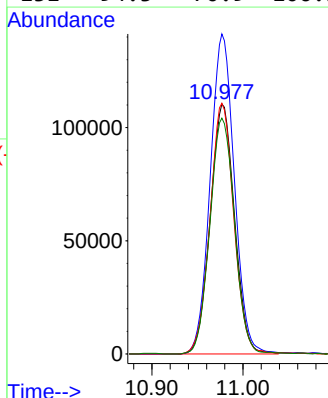
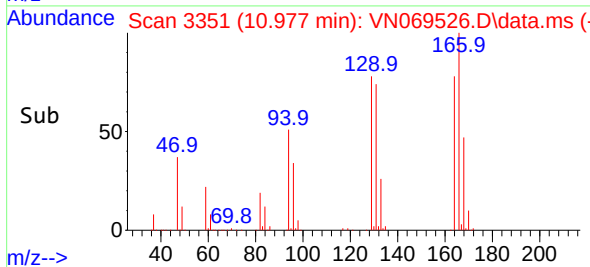
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

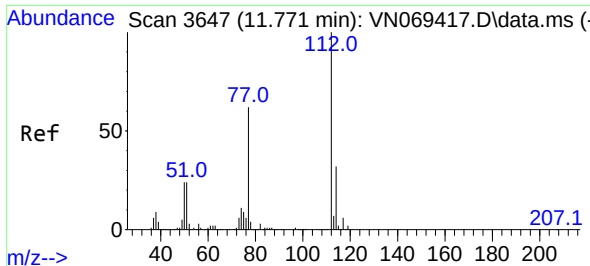


#64
Tetrachloroethene
Concen: 20.944 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



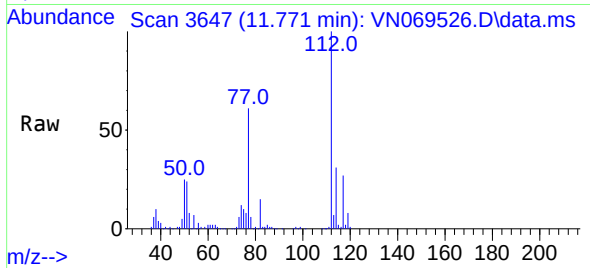
Tgt Ion:164 Resp: 204786
Ion Ratio Lower Upper
164 100
166 128.0 101.9 152.9
129 100.3 72.0 108.0
131 94.3 70.9 106.3





#65
Chlorobenzene
Concen: 20.402 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

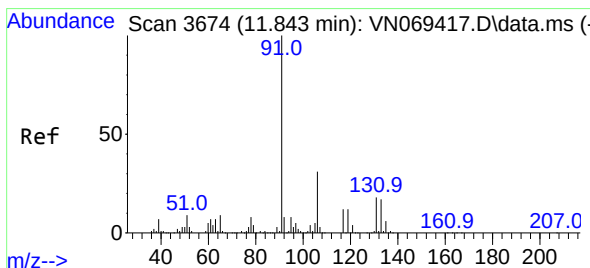
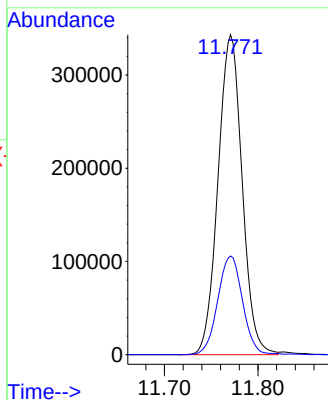
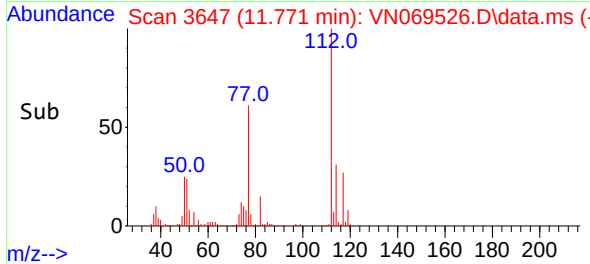
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



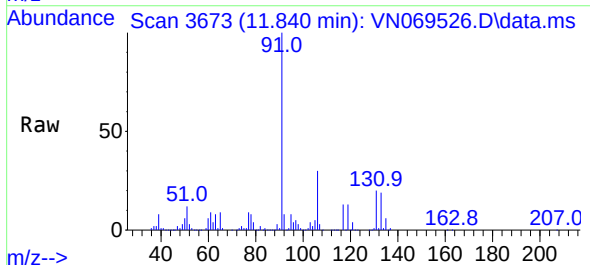
Tgt Ion:112 Resp: 61492
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0

Manual Integrations
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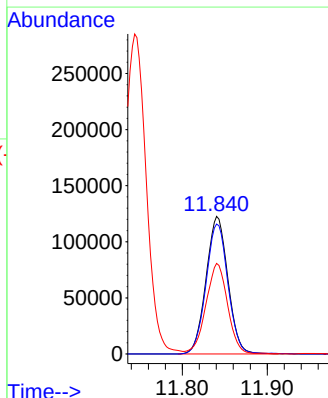
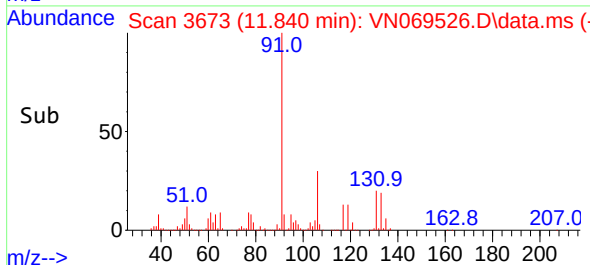
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

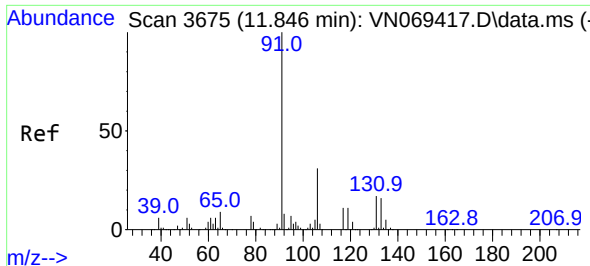


#66
1,1,1,2-Tetrachloroethane
Concen: 20.967 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



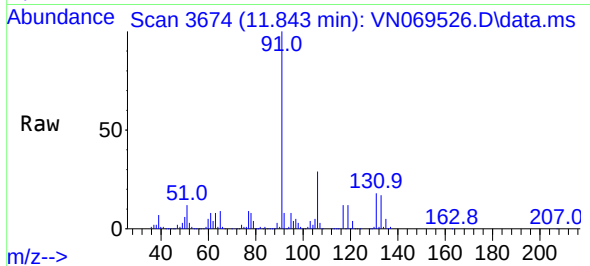
Tgt Ion:131 Resp: 219200
Ion Ratio Lower Upper
131 100
133 94.9 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 20.385 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

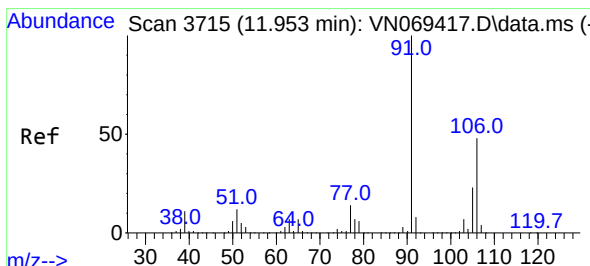
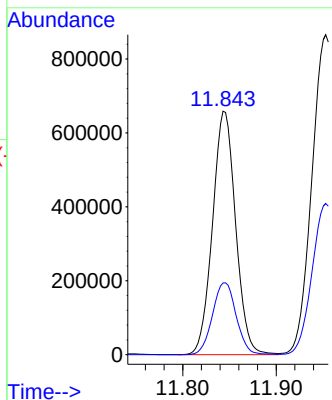
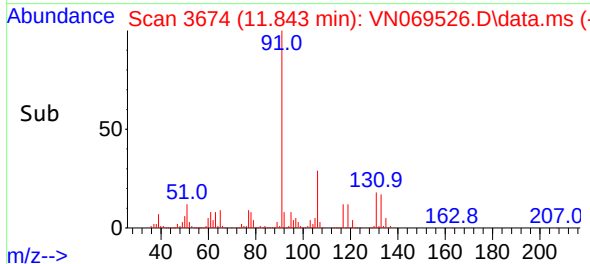
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



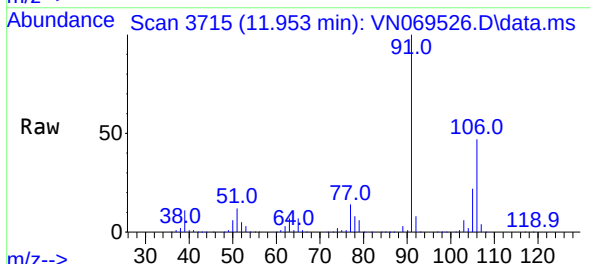
Tgt Ion: 91 Resp: 1133170
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

Manual Integrations
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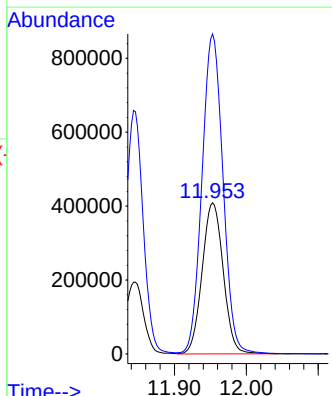
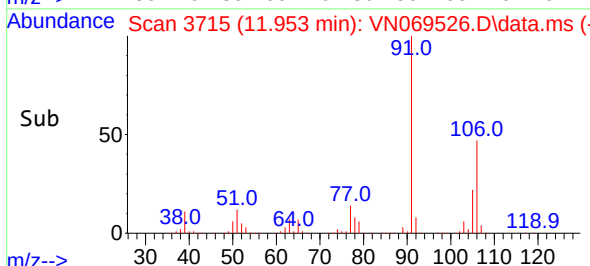
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

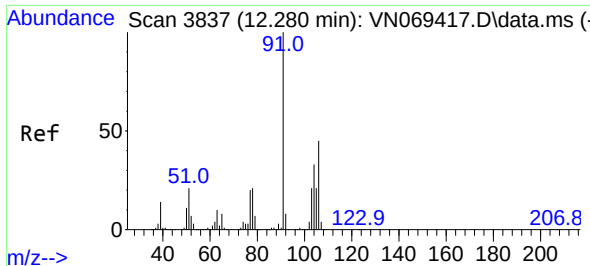


#68
m/p-Xylenes
Concen: 40.782 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



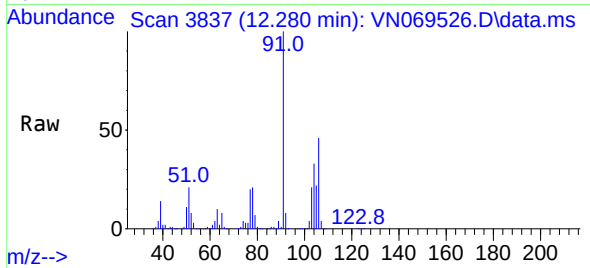
Tgt Ion:106 Resp: 833799
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8





#69
o-Xylene
Concen: 20.438 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

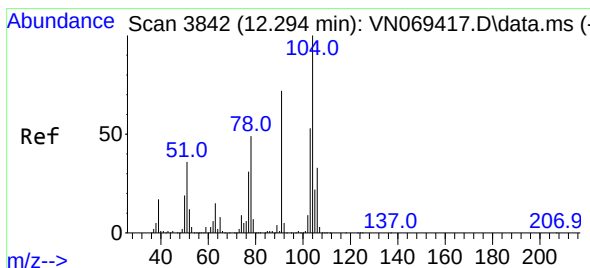
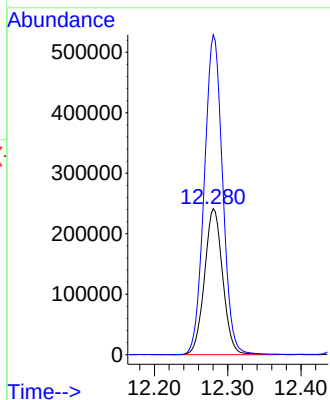
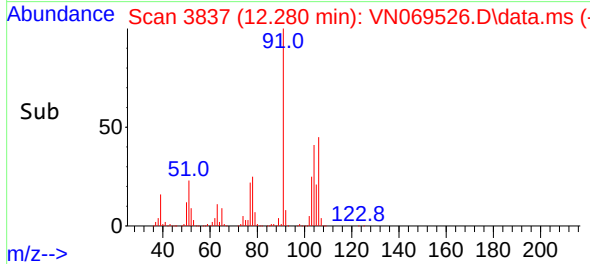
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



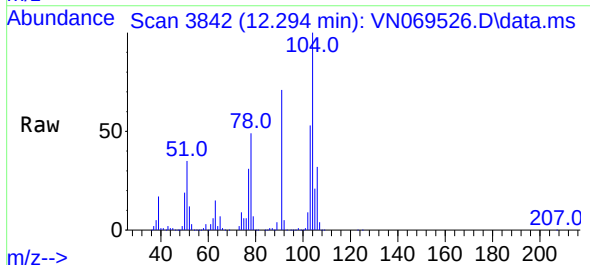
Tgt Ion:106 Resp: 416570
Ion Ratio Lower Upper
106 100
91 220.5 105.8 317.3

Manual Integrations
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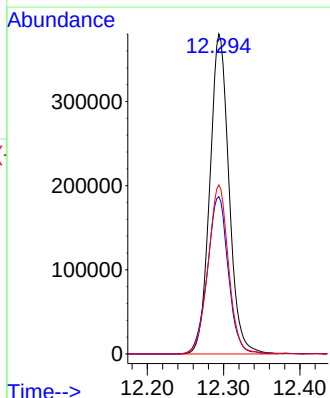
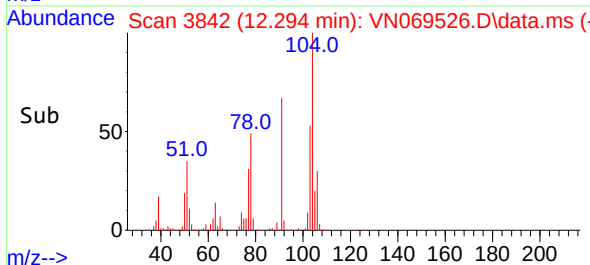
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

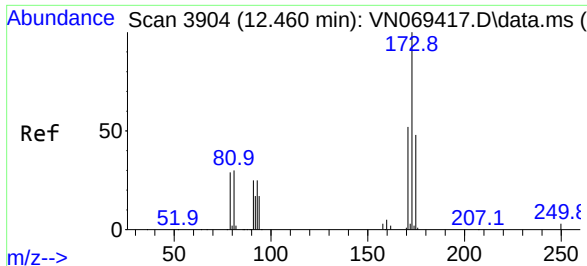


#70
Styrene
Concen: 19.136 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion:104 Resp: 664881
Ion Ratio Lower Upper
104 100
78 53.6 38.7 58.1
103 56.3 45.0 67.6





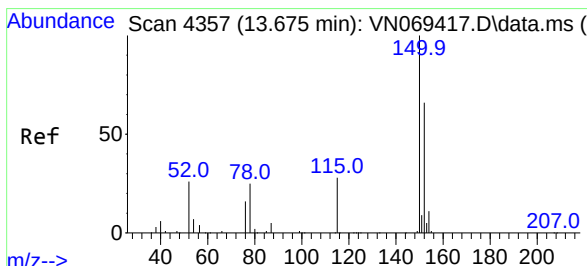
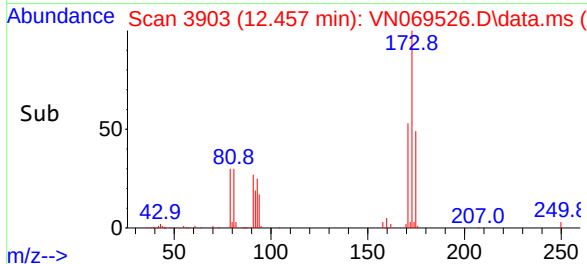
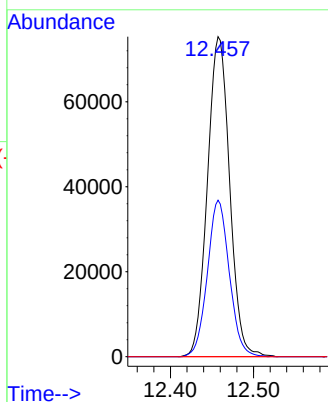
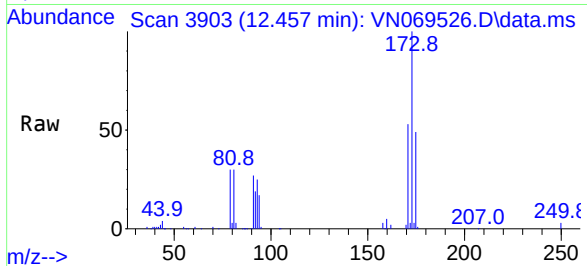
#71
Bromoform
Concen: 17.779 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion:173 Resp: 13986
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

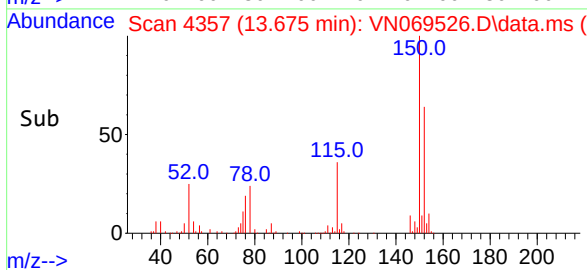
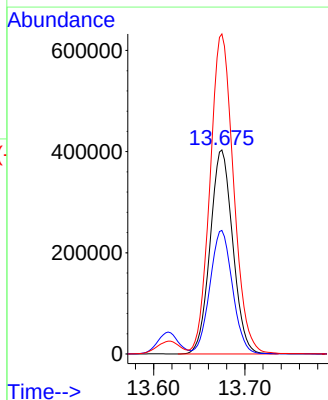
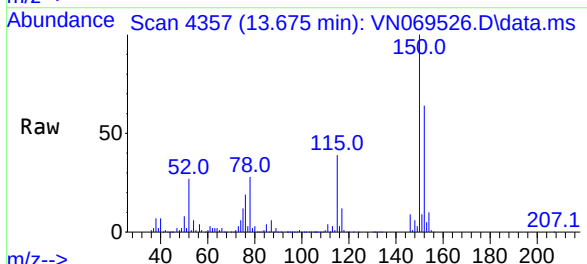
Manual Integrations
APPROVED

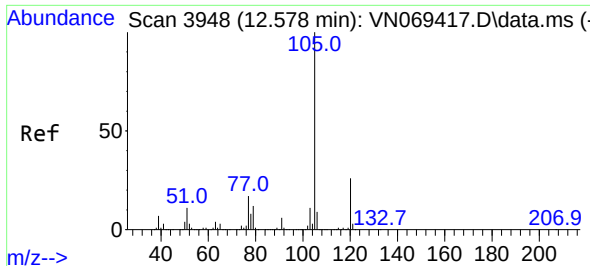
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

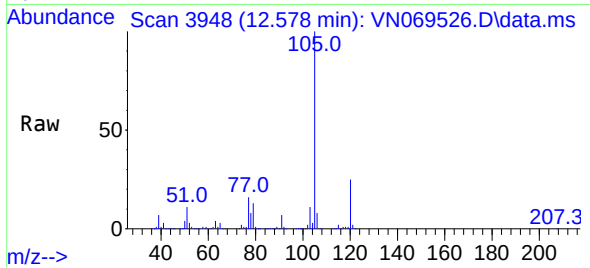
Tgt Ion:152 Resp: 694767
Ion Ratio Lower Upper
152 100
115 60.4 27.5 82.5
150 163.8 0.0 344.4





#73
Isopropylbenzene
Concen: 19.985 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

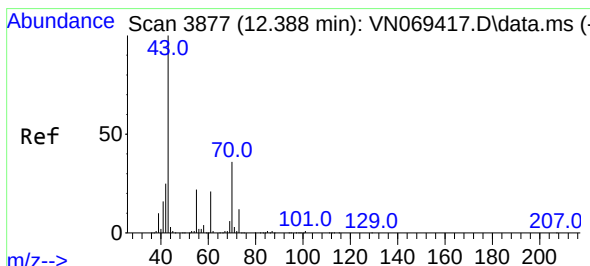
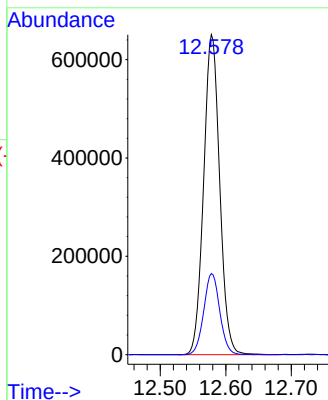
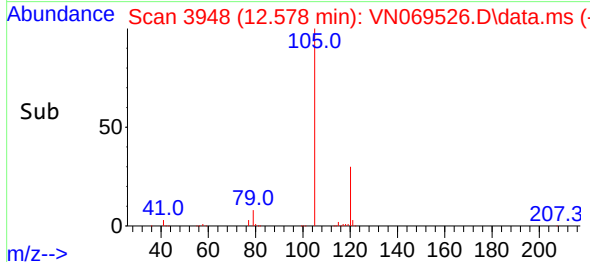
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



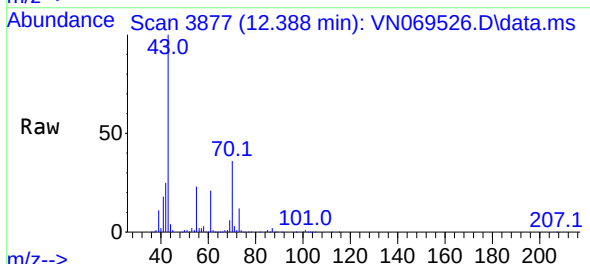
Tgt Ion:105 Resp: 110551
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

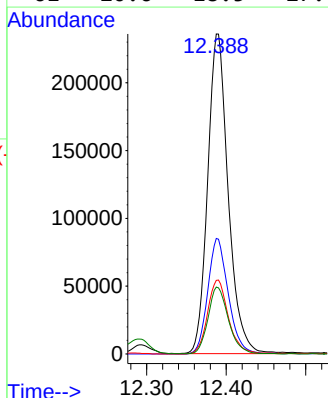
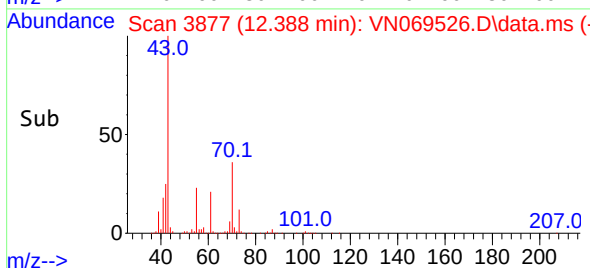
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

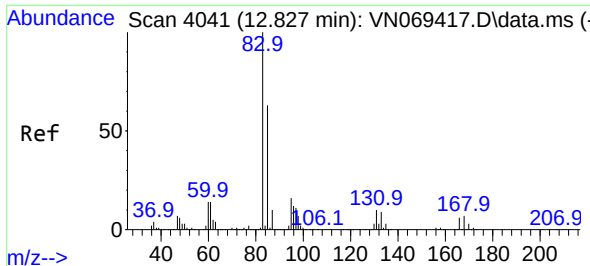


#74
N-ethyl acetate
Concen: 18.018 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



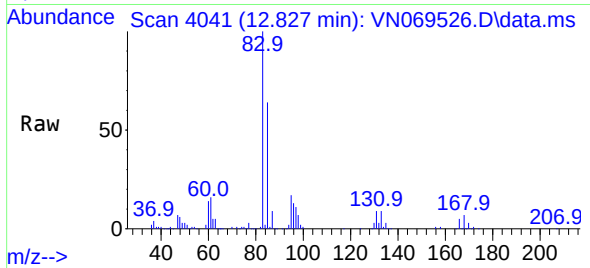
Tgt Ion: 43 Resp: 422408
Ion Ratio Lower Upper
43 100
70 36.1 33.4 50.0
55 23.5 19.3 28.9
61 20.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.827 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

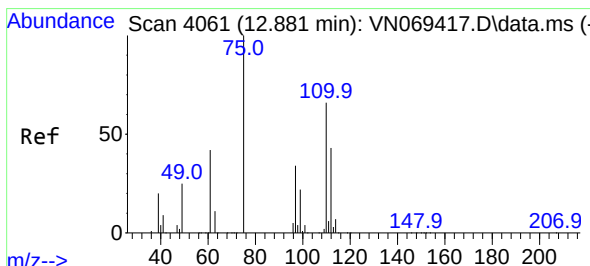
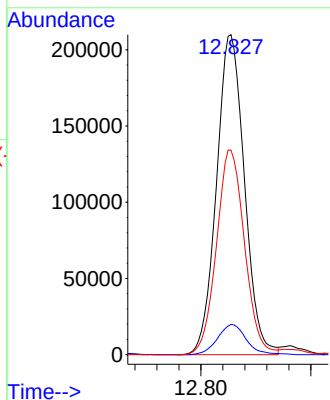
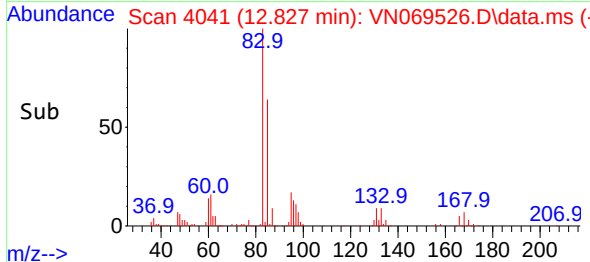
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



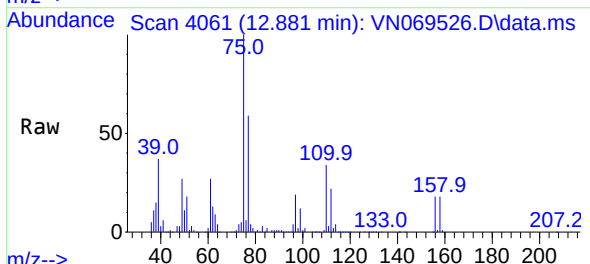
Tgt Ion: 83 Resp: 369914
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 64.3 32.4 97.2

Manual Integrations
APPROVED

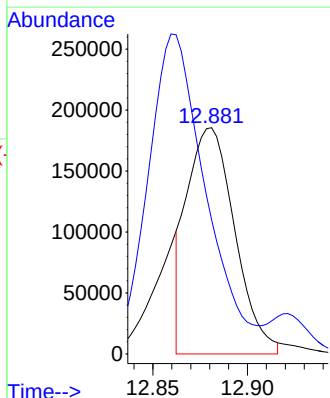
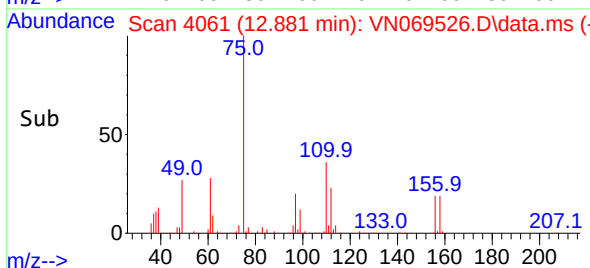
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

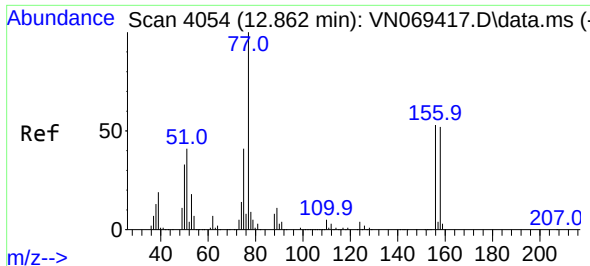


#76
1,2,3-Trichloropropane
Concen: 20.330 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



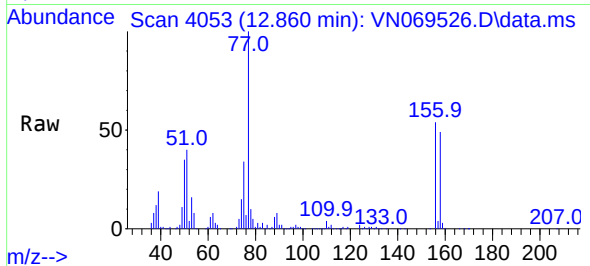
Tgt Ion: 75 Resp: 325961
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 19.870 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

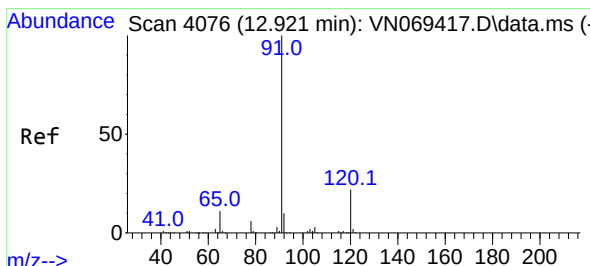
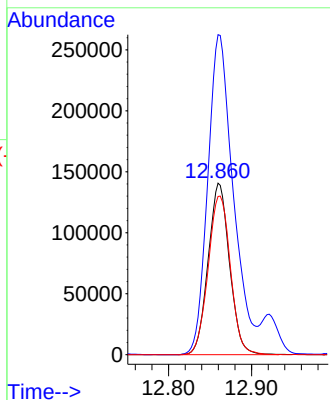
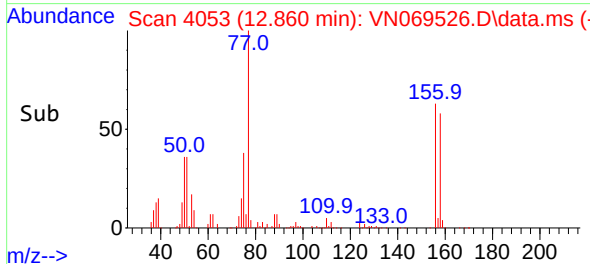
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



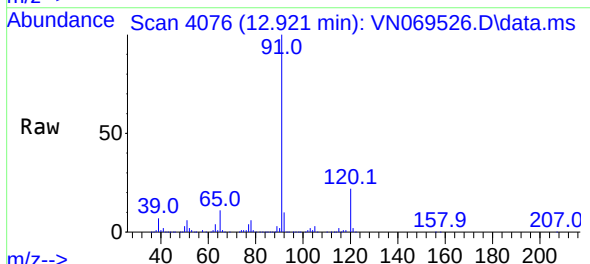
Tgt Ion:156 Resp: 25138
Ion Ratio Lower Upper
156 100
77 222.6 90.6 271.8
158 96.7 48.9 146.7

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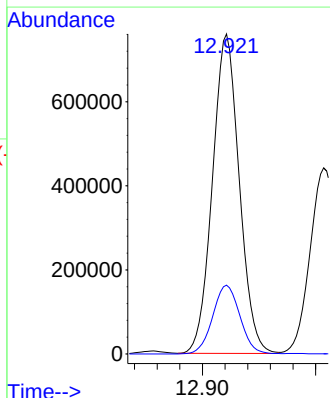
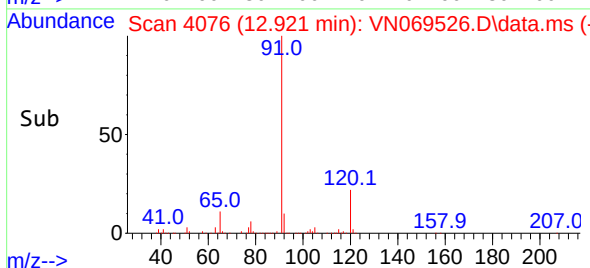
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

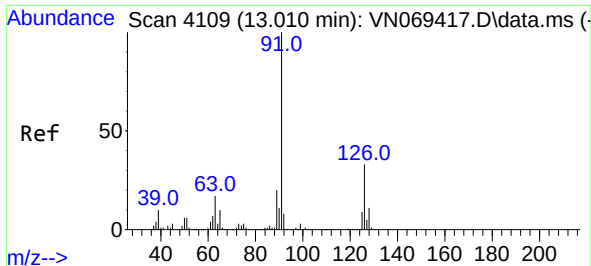


#78
n-propylbenzene
Concen: 20.044 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion: 91 Resp: 1247654
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





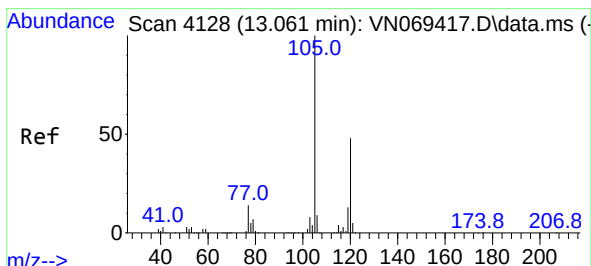
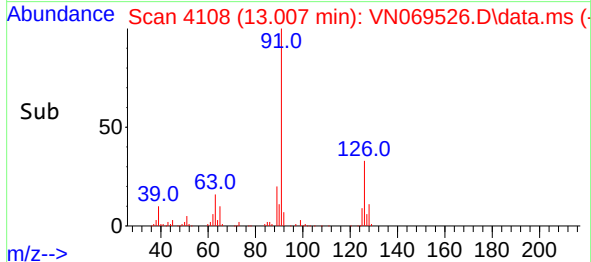
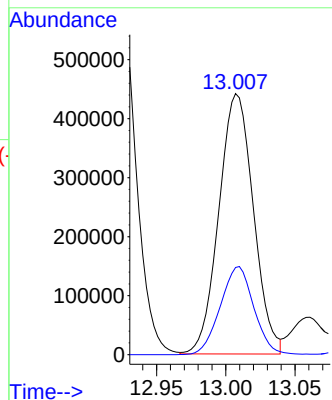
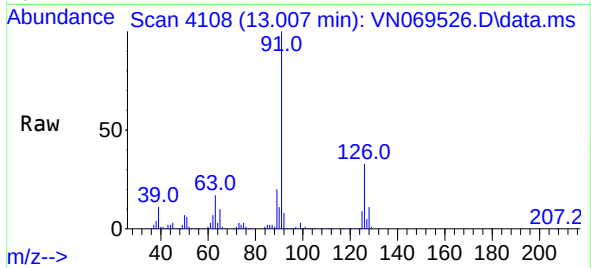
#79
2-Chlorotoluene
Concen: 19.895 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion: 91 Resp: 76676
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

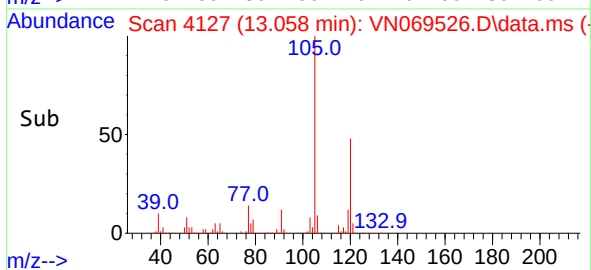
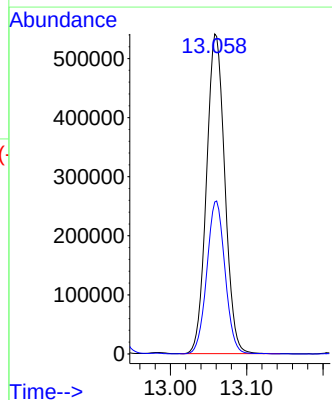
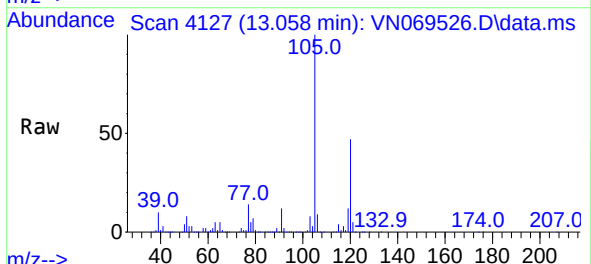
Manual Integrations
APPROVED

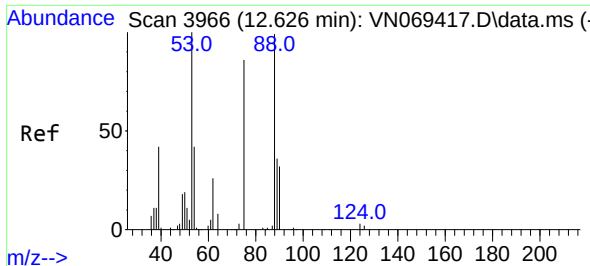
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.129 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Tgt Ion:105 Resp: 900178
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





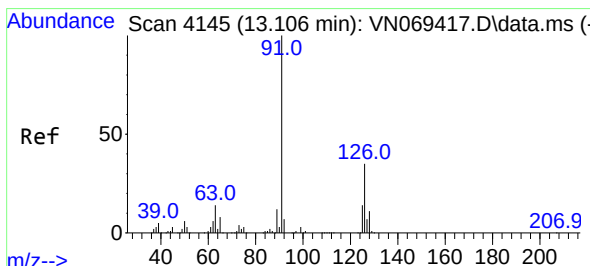
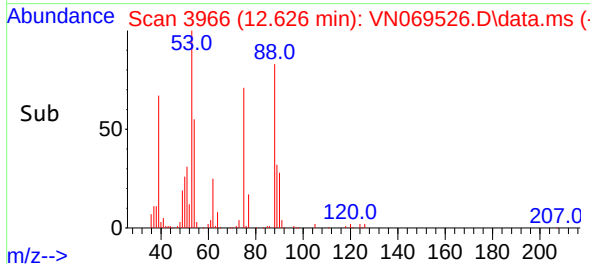
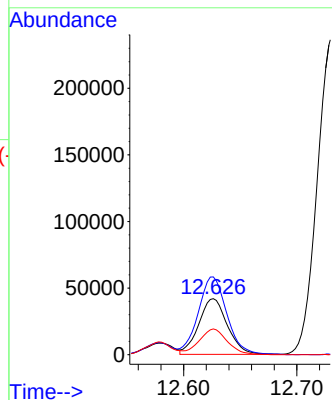
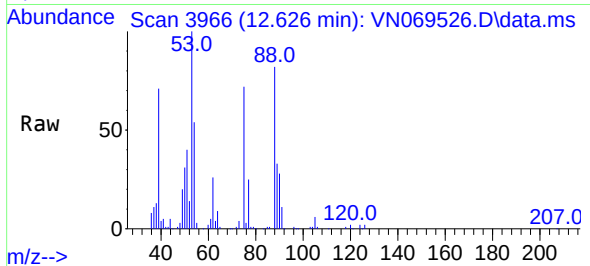
#81
trans-1,4-Dichloro-2-butene
Concen: 17.773 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion: 75 Resp: 73011
Ion Ratio Lower Upper
75 100
53 141.6 90.5 135.7
89 45.3 38.2 57.4

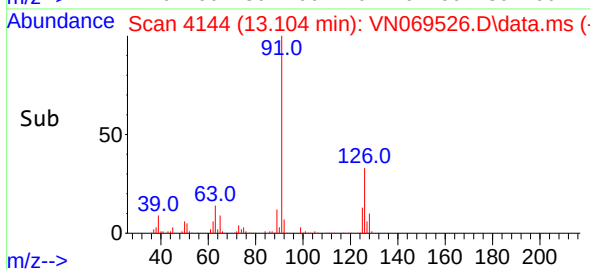
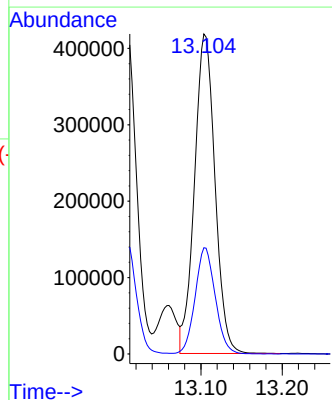
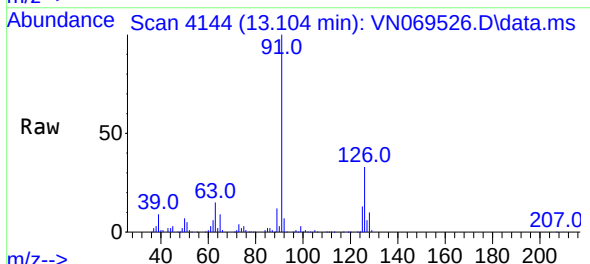
Manual Integrations
APPROVED

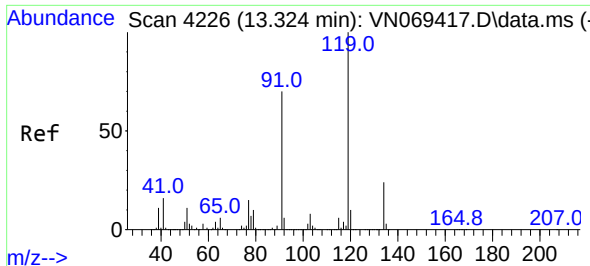
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 19.909 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

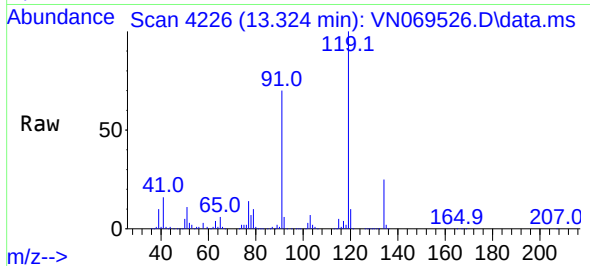
Tgt Ion: 91 Resp: 731456
Ion Ratio Lower Upper
91 100
126 32.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.365 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

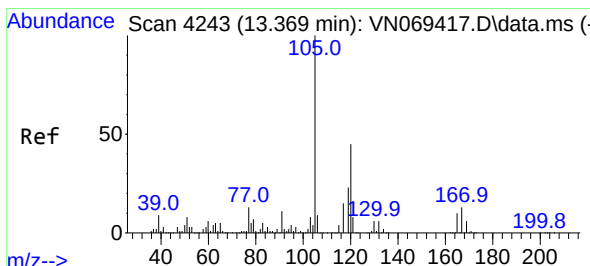
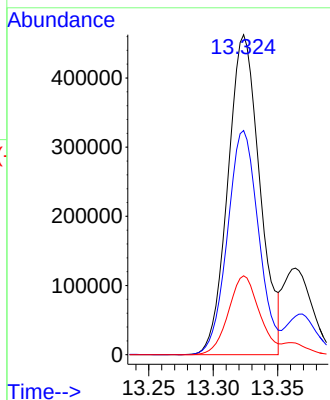
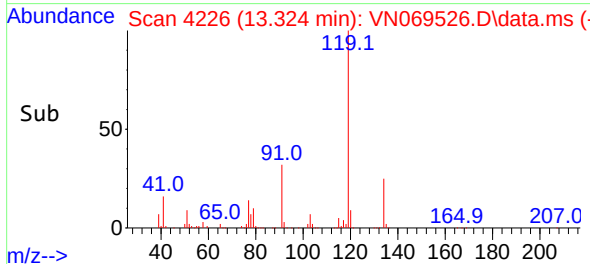
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



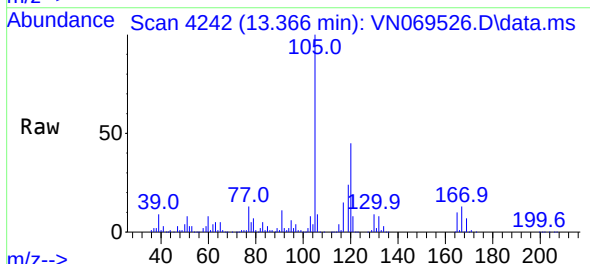
Tgt Ion:119 Resp: 798089
Ion Ratio Lower Upper
119 100
91 69.0 31.5 94.5
134 24.2 12.4 37.4

Manual Integrations
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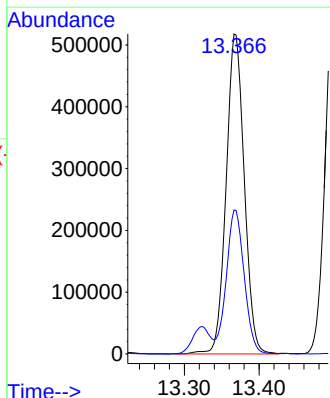
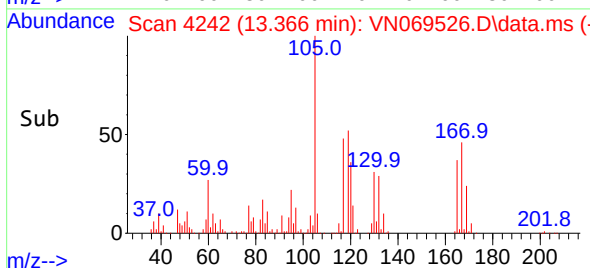
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

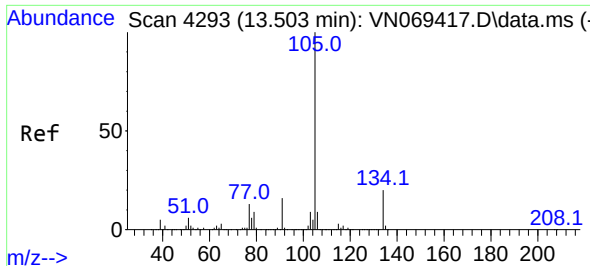


#84
1,2,4-Trimethylbenzene
Concen: 20.205 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



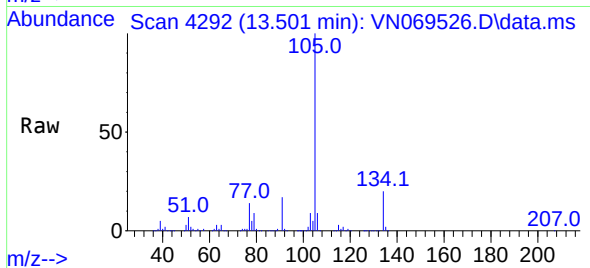
Tgt Ion:105 Resp: 872291
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.860 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN069526.D
 Acq: 17 Nov 2021 12:31

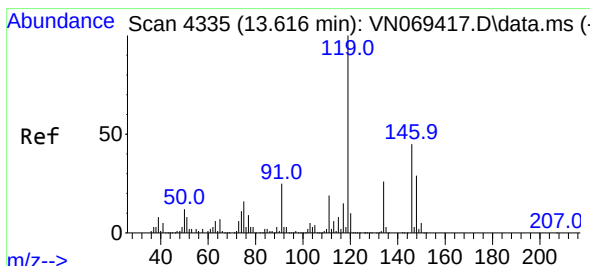
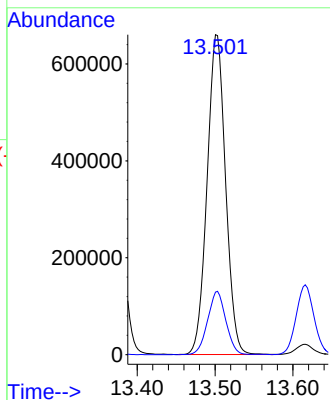
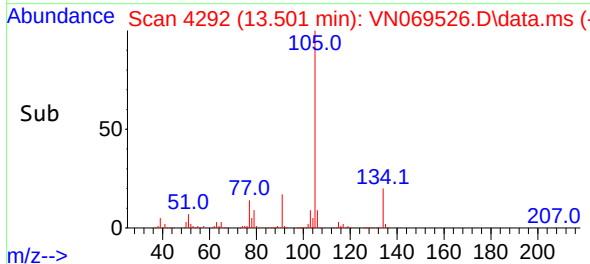
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1117WBS01



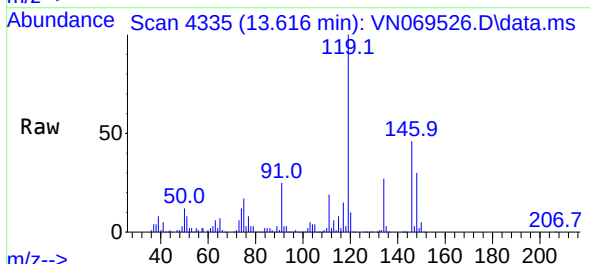
Tgt Ion:105 Resp: 108723
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

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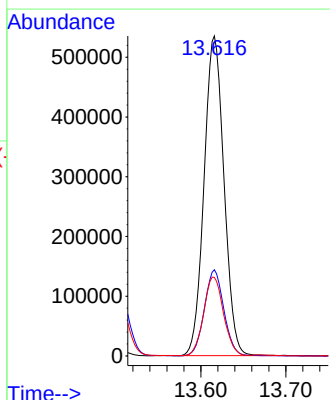
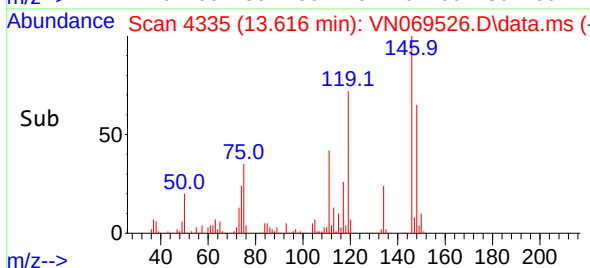
Reviewed By :John Carlone 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

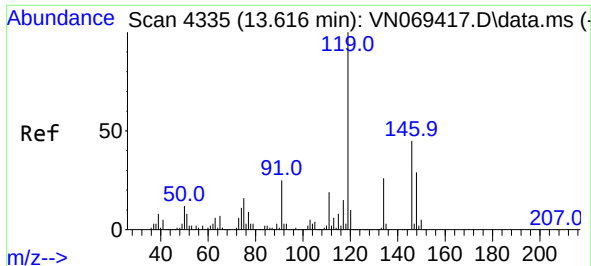


#86
 p-Isopropyltoluene
 Concen: 20.042 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069526.D
 Acq: 17 Nov 2021 12:31



Tgt Ion:119 Resp: 870974
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.6 40.7
 91 24.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.823 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.000 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1117WBS01

Tgt Ion:146 Resp: 434790

Ion Ratio Lower Upper

146 100

111 41.9 18.6 55.6

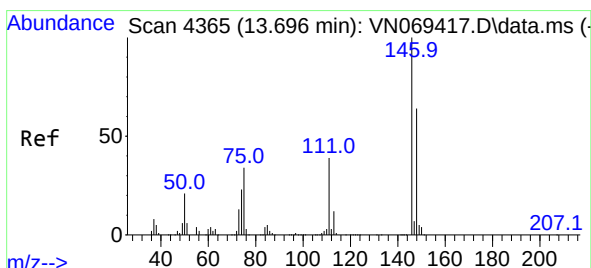
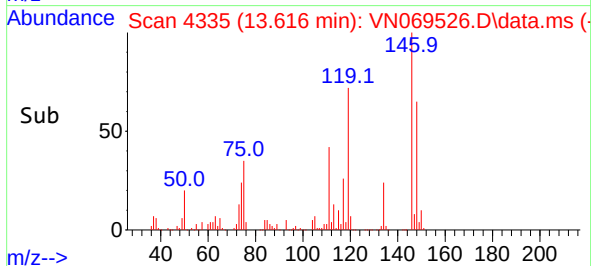
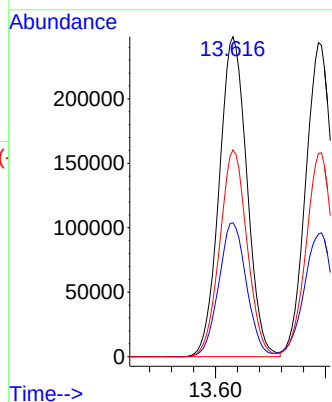
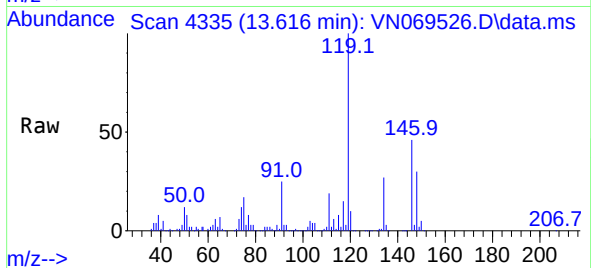
148 64.1 31.6 95.0

Manual Integrations

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Reviewed By :John Carlone 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#88

1,4-Dichlorobenzene

Concen: 19.710 ug/l

RT: 13.694 min Scan# 4364

Delta R.T. -0.002 min

Lab File: VN069526.D

Acq: 17 Nov 2021 12:31

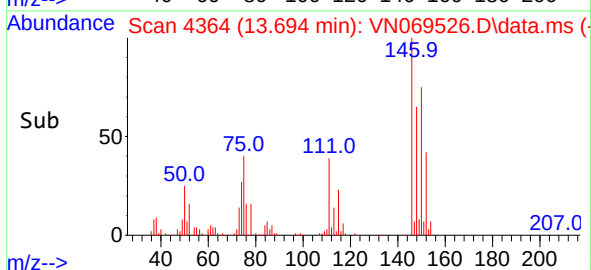
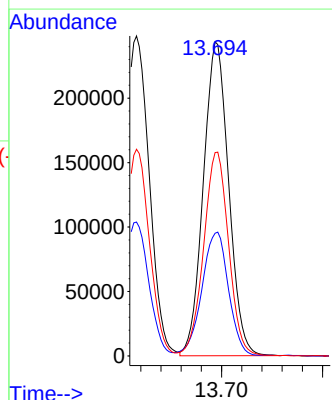
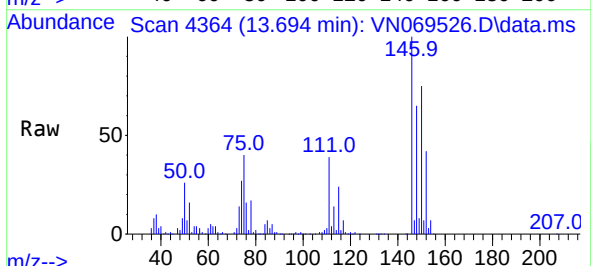
Tgt Ion:146 Resp: 424116

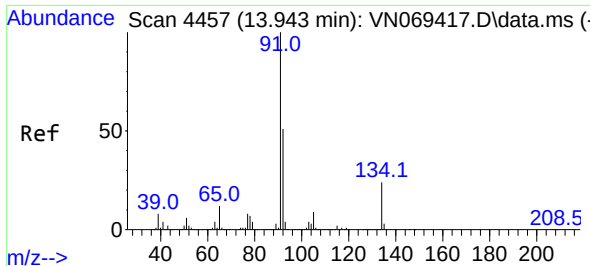
Ion Ratio Lower Upper

146 100

111 41.4 18.3 54.8

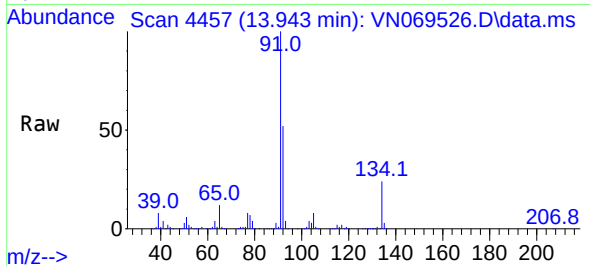
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 18.613 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

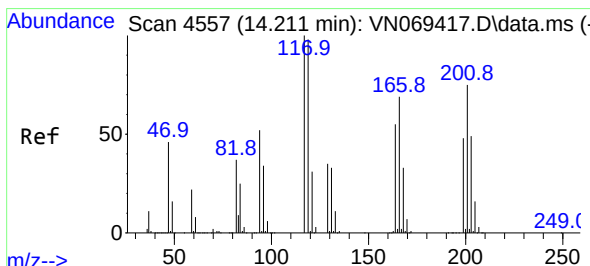
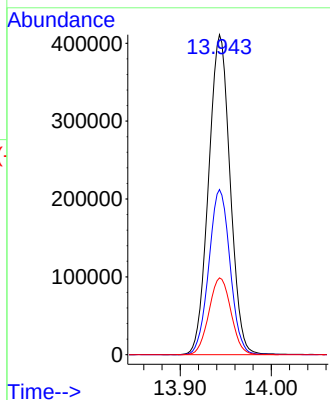
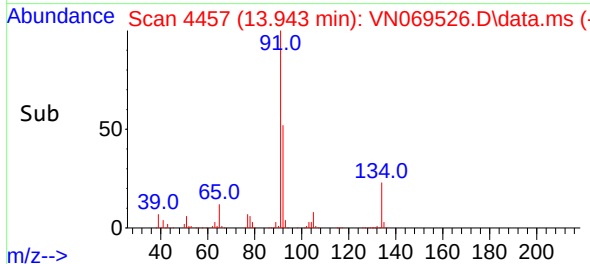
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



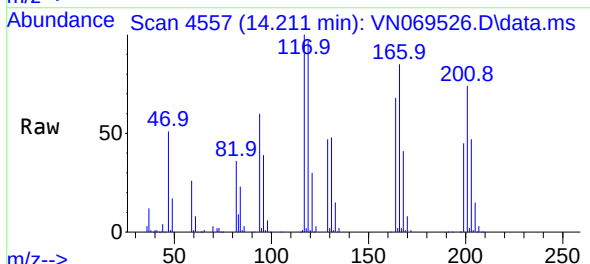
Tgt Ion: 91 Resp: 67454
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.6 13.6 40.8

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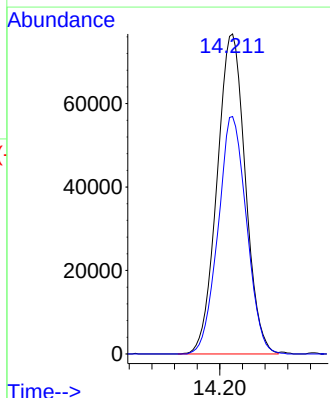
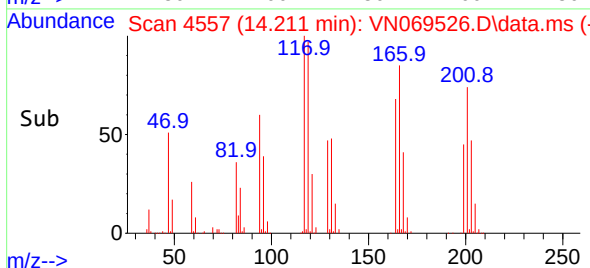
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

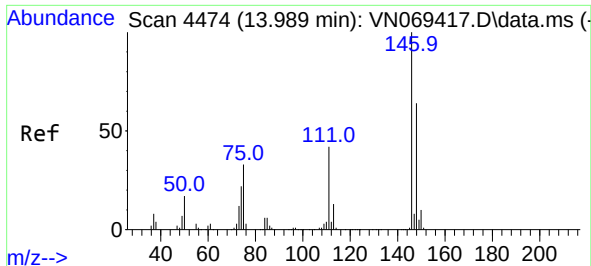


#90
Hexachloroethane
Concen: 18.073 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



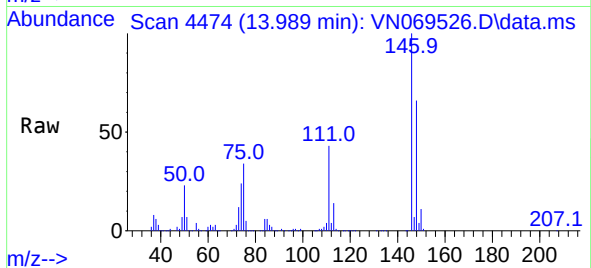
Tgt Ion:117 Resp: 132843
Ion Ratio Lower Upper
117 100
201 74.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.467 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

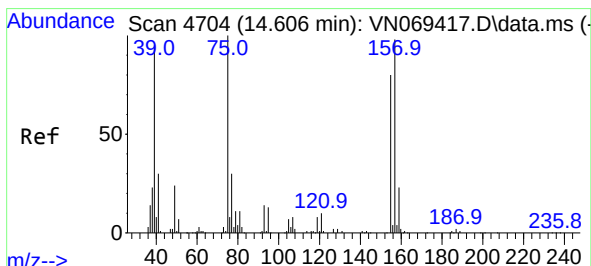
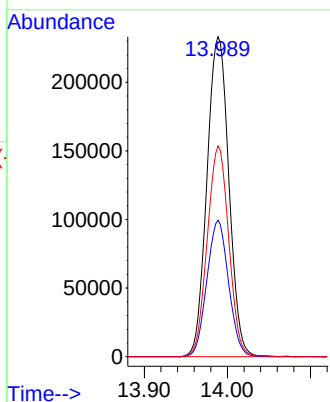
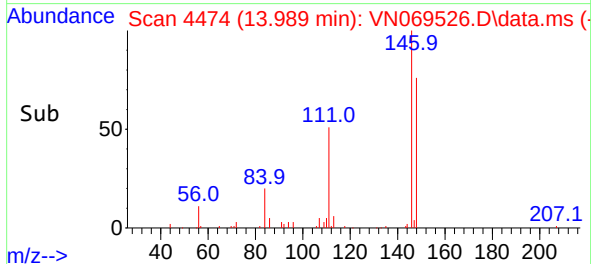
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



Tgt Ion:146 Resp: 427180
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 64.7 32.1 96.3

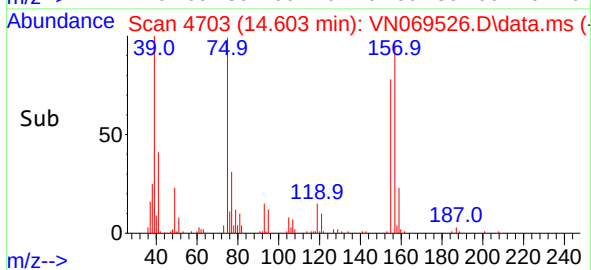
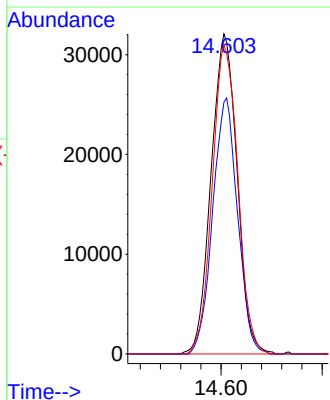
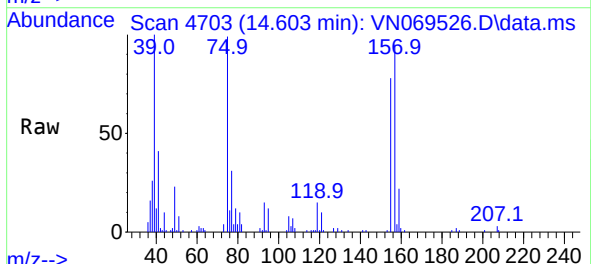
Manual Integrations
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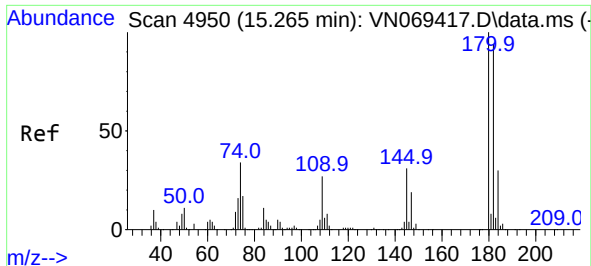
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.709 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

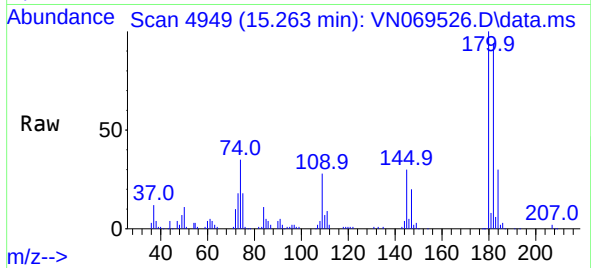
Tgt Ion: 75 Resp: 57253
Ion Ratio Lower Upper
75 100
155 76.5 46.9 140.7
157 95.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.662 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

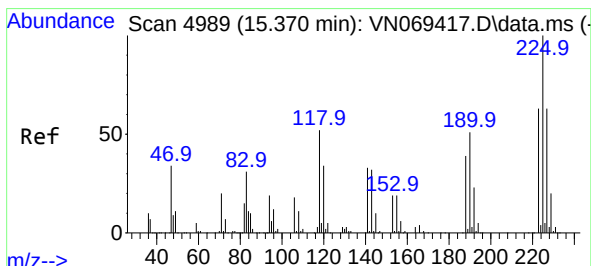
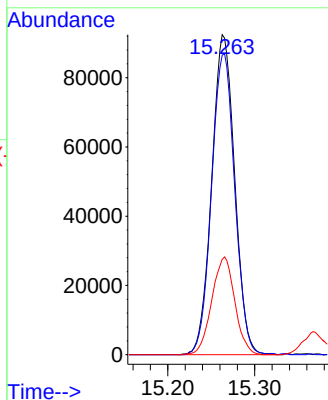
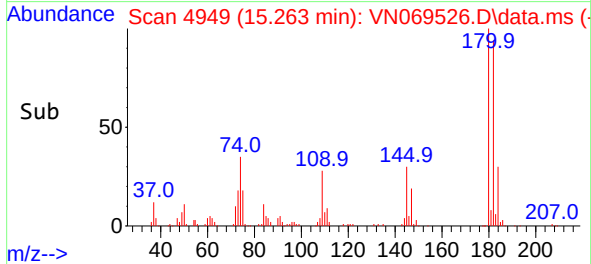
Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01



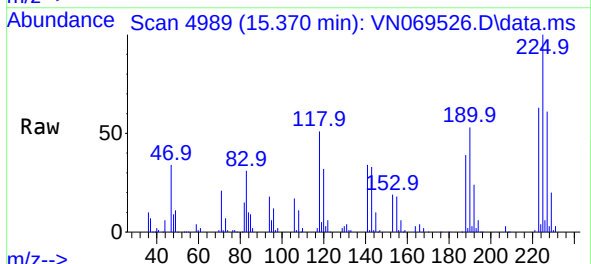
Tgt Ion:180 Resp: 169664
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 30.6 14.5 43.5

Manual Integrations
APPROVED

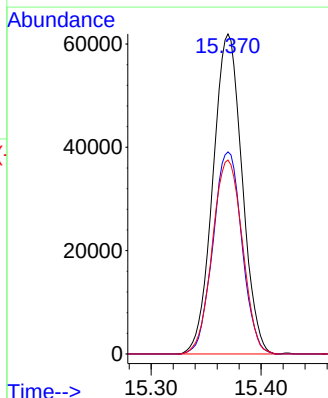
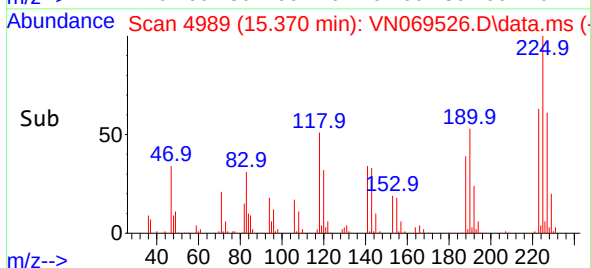
Reviewed By :John Carlone 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

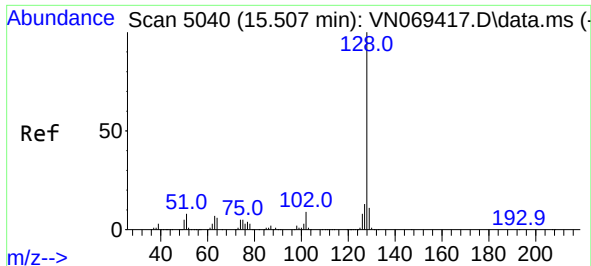


#94
Hexachlorobutadiene
Concen: 21.053 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31



Tgt Ion:225 Resp: 114171
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 62.4 32.1 96.3





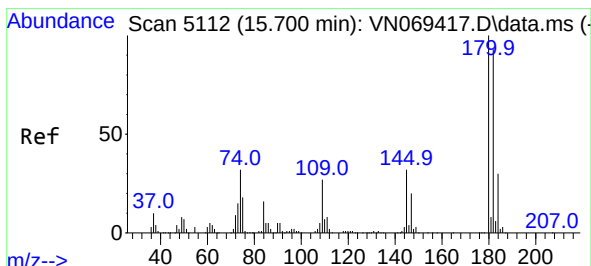
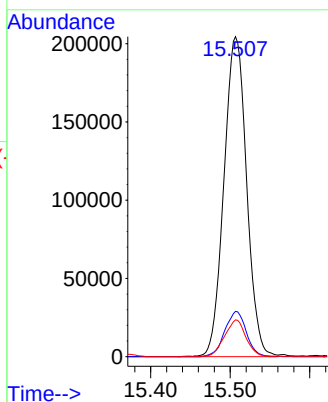
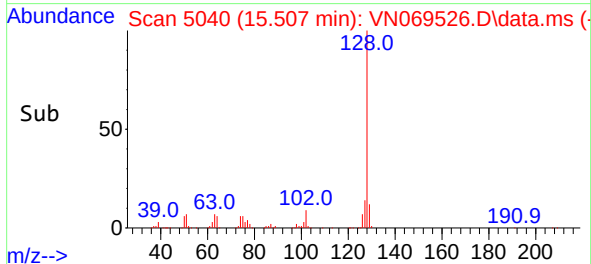
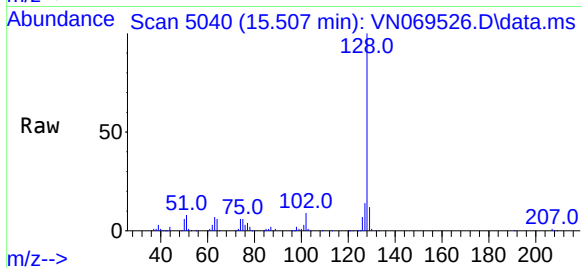
#95
Naphthalene
Concen: 16.407 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1117WBS01

Tgt Ion:128 Resp: 404788
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 8.7 13.1

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#96
1,2,3-Trichlorobenzene
Concen: 17.604 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069526.D
Acq: 17 Nov 2021 12:31

Tgt Ion:180 Resp: 161169
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.2
145 34.1 15.0 45.1

