

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069787.D
 Acq On : 6 Dec 2021 16:44
 Operator : JC/MD
 Sample : VN1206WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:49:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1175160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1937424	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1780803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	706728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	873409	48.136	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.280%		
35) Dibromofluoromethane	8.021	113	601006	49.524	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.040%		
50) Toluene-d8	10.443	98	2425816	49.782	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.731	95	832660	47.167	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	276955	20.206	ug/l	98
3) Chloromethane	2.303	50	312749	18.213	ug/l	100
4) Vinyl Chloride	2.443	62	300480	19.031	ug/l	99
5) Bromomethane	2.845	94	156619	18.258	ug/l	100
6) Chloroethane	3.011	64	180484	18.654	ug/l	98
7) Trichlorofluoromethane	3.371	101	402793	19.437	ug/l	99
8) Diethyl Ether	3.824	74	159031	19.925	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.199	101	224068	19.289	ug/l	97
10) Methyl Iodide	4.414	142	261229	16.461	ug/l	97
11) Tert butyl alcohol	5.393	59	333979	97.377	ug/l	99
12) 1,1-Dichloroethene	4.173	96	216523	19.343	ug/l	91
13) Acrolein	4.041	56	420112	143.838	ug/l	99
14) Allyl chloride	4.835	41	463331	18.369	ug/l	95
15) Acrylonitrile	5.559	53	892294	96.548	ug/l	99
16) Acetone	4.291	43	994230	91.091	ug/l	96
17) Carbon Disulfide	4.521	76	493923	17.079	ug/l	100
18) Methyl Acetate	4.859	43	627880	19.058	ug/l	92
19) Methyl tert-butyl Ether	5.624	73	861203	19.787	ug/l	97
20) Methylene Chloride	5.095	84	265280	18.283	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	233019	19.165	ug/l	90
22) Diisopropyl ether	6.501	45	977934	19.836	ug/l	94
23) Vinyl Acetate	6.436	43	3965926	98.877	ug/l	95
24) 1,1-Dichloroethane	6.385	63	486856	19.063	ug/l	99
25) 2-Butanone	7.340	43	1401849	94.528	ug/l	94
26) 2,2-Dichloropropane	7.327	77	370634	18.665	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	279436	19.023	ug/l	87
28) Bromochloromethane	7.659	49	230358	17.346	ug/l #	80
29) Tetrahydrofuran	7.691	42	907540	100.781	ug/l	89
30) Chloroform	7.817	83	497785	19.300	ug/l	99
31) Cyclohexane	8.094	56	482862	19.123	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	417716	19.013	ug/l	96
36) 1,1-Dichloropropene	8.220	75	358018	19.411	ug/l	97
37) Ethyl Acetate	7.418	43	535785	19.518	ug/l	95
38) Carbon Tetrachloride	8.206	117	339043	18.746	ug/l	100
39) Methylcyclohexane	9.462	83	429481	19.577	ug/l	92
40) Benzene	8.461	78	1107077	19.638	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	264492	20.525	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	443467	19.487	ug/l	97
43) Isopropyl Acetate	8.566	43	794822	19.566	ug/l	94
44) Trichloroethene	9.217	130	259092	19.255	ug/l	89
45) 1,2-Dichloropropane	9.491	63	293817	19.408	ug/l	99
46) Dibromomethane	9.580	93	195306	19.671	ug/l	93
47) Bromodichloromethane	9.762	83	352577	18.756	ug/l	99
48) Methyl methacrylate	9.561	41	372256	19.636	ug/l	90
49) 1,4-Dioxane	9.571	88	147606	433.929	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	2715591	103.045	ug/l	96
52) Toluene	10.507	92	689473	20.032	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	372910	18.364	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	413990	18.746	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	273767	19.714	ug/l	98
56) Ethyl methacrylate	10.762	69	463610	19.166	ug/l #	86
57) 1,3-Dichloropropane	11.047	76	477327	19.521	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	530790	87.885	ug/l	93
59) 2-Hexanone	11.087	43	2022913	101.473	ug/l	93
60) Dibromochloromethane	11.240	129	245547	18.095	ug/l	100
61) 1,2-Dibromoethane	11.347	107	282662	19.652	ug/l	100
64) Tetrachloroethene	10.977	164	234457	19.417	ug/l	95
65) Chlorobenzene	11.771	112	711598	19.697	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	252136	19.829	ug/l	99
67) Ethyl Benzene	11.846	91	1321751	20.141	ug/l	96
68) m/p-Xylenes	11.956	106	964454	40.363	ug/l	93
69) o-Xylene	12.283	106	487880	20.271	ug/l	95
70) Styrene	12.296	104	764029	20.019	ug/l	96
71) Bromoform	12.457	173	171856	17.670	ug/l #	100
73) Isopropylbenzene	12.581	105	1265410	20.125	ug/l	98
74) N-amyl acetate	12.390	43	558181	20.073	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	440059	20.239	ug/l	97
76) 1,2,3-Trichloropropane	12.881	75	370824m	18.297	ug/l	
77) Bromobenzene	12.862	156	290719	19.684	ug/l	79
78) n-propylbenzene	12.921	91	1379749	19.719	ug/l	97
79) 2-Chlorotoluene	13.010	91	865944	19.586	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	1020535	20.165	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.629	75	101239	19.082	ug/l	86
82) 4-Chlorotoluene	13.106	91	809689	19.474	ug/l	93
83) tert-Butylbenzene	13.326	119	892147	19.908	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	993263	20.608	ug/l	97
85) sec-Butylbenzene	13.503	105	1213621	19.965	ug/l	97
86) p-Isopropyltoluene	13.619	119	946112	19.912	ug/l	96
87) 1,3-Dichlorobenzene	13.619	146	479372	19.757	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	464358	19.474	ug/l	96
89) n-Butylbenzene	13.943	91	746404	19.366	ug/l	98
90) Hexachloroethane	14.211	117	148650	17.820	ug/l	89
91) 1,2-Dichlorobenzene	13.991	146	468577	19.820	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	77002	19.598	ug/l	82
93) 1,2,4-Trichlorobenzene	15.265	180	207663	19.757	ug/l	98
94) Hexachlorobutadiene	15.370	225	123291	19.678	ug/l	98
95) Naphthalene	15.507	128	654176	21.416	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	210312	20.140	ug/l	98

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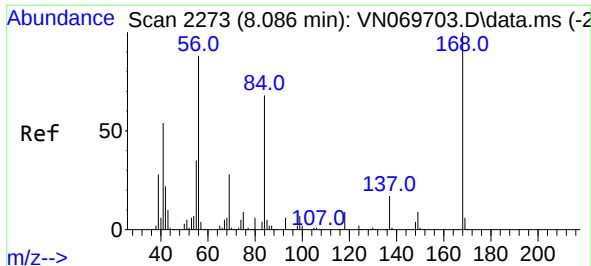
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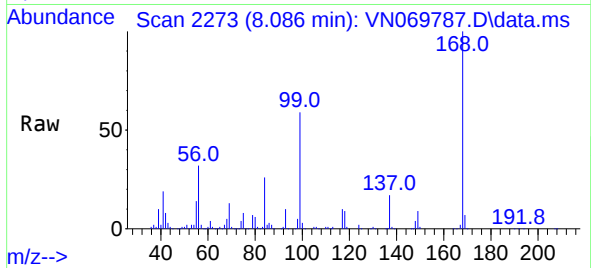
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069787.D
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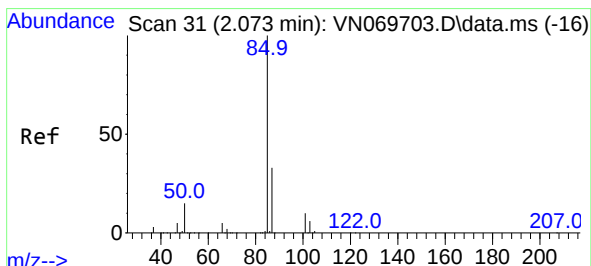
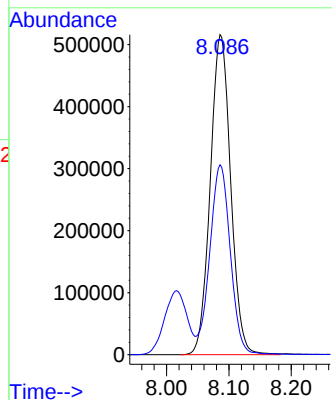
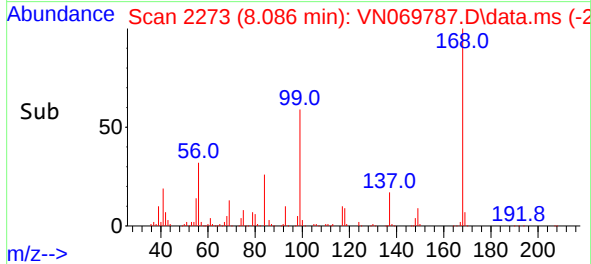
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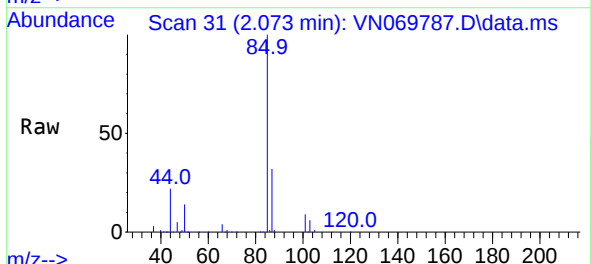
Tgt Ion:168 Resp: 117516
Ion Ratio Lower Upper
168 100
99 59.1 41.3 61.9

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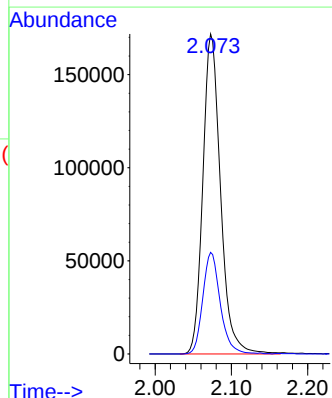
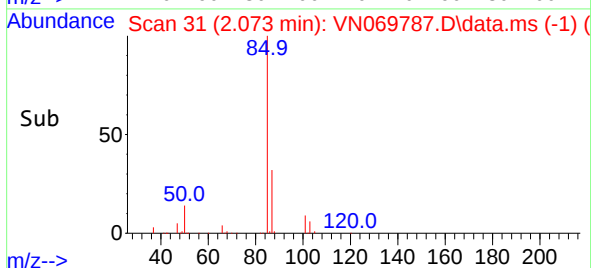
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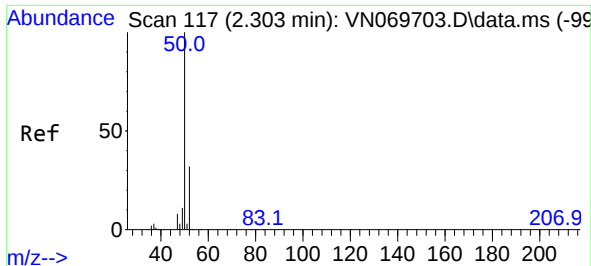


#2
Dichlorodifluoromethane
Concen: 20.206 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



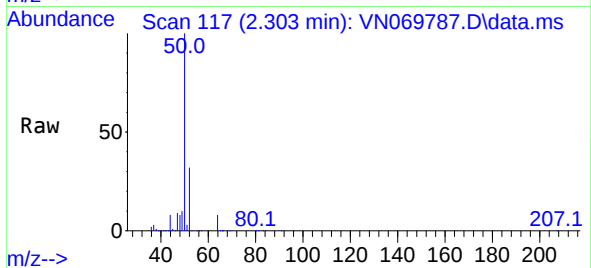
Tgt Ion: 85 Resp: 276955
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 18.213 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

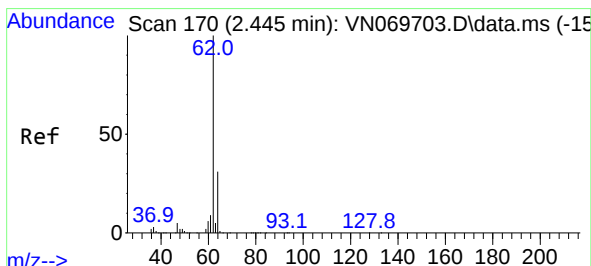
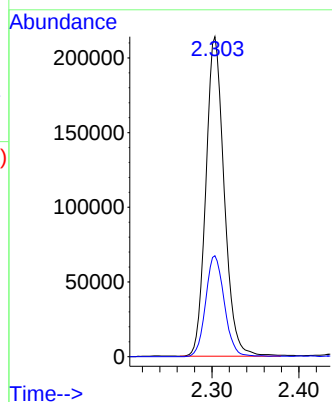
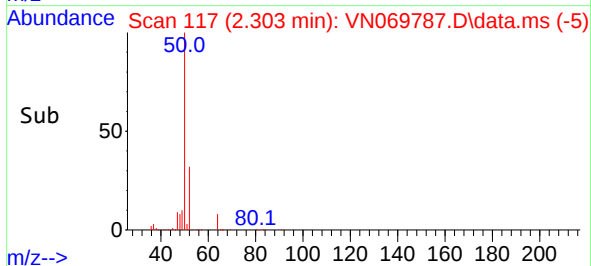
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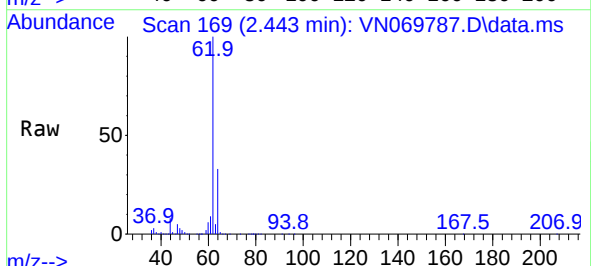
Tgt Ion: 50 Resp: 312749
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0

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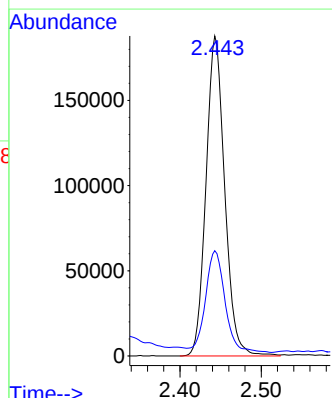
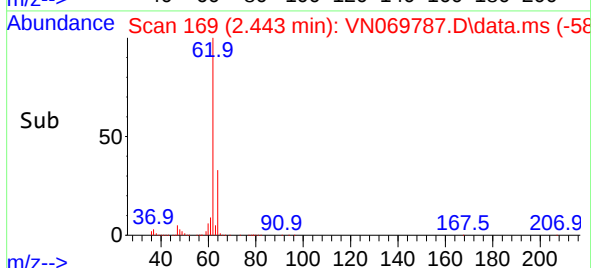
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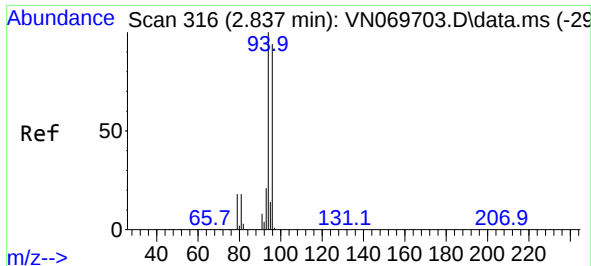


#4
Vinyl Chloride
Concen: 19.031 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



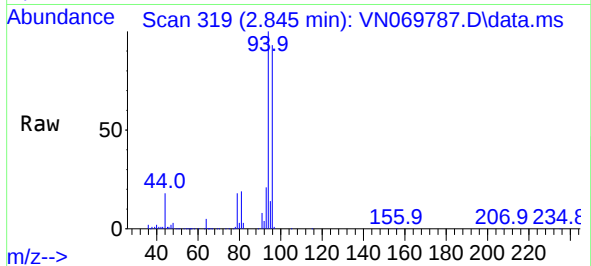
Tgt Ion: 62 Resp: 300480
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 18.258 ug/l
RT: 2.845 min Scan# 316
Delta R.T. 0.008 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

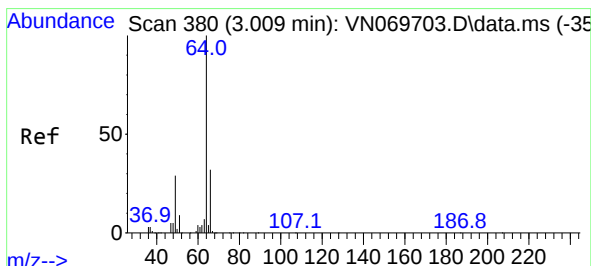
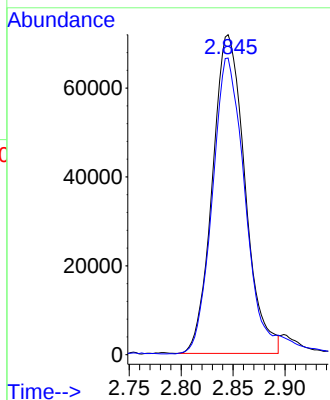
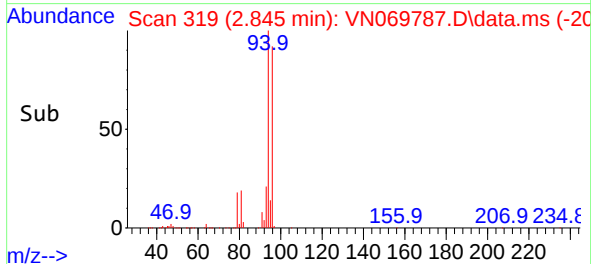
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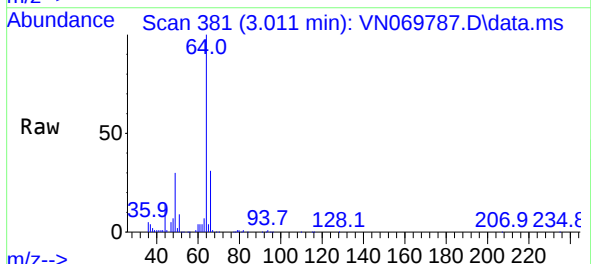
Tgt Ion: 94 Resp: 156619
Ion Ratio Lower Upper
94 100
96 92.7 73.8 110.8

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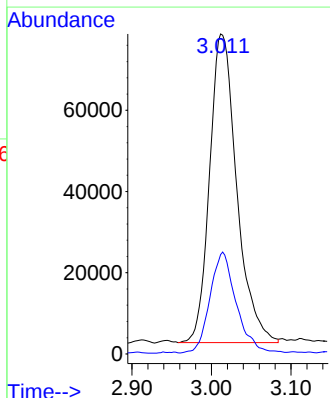
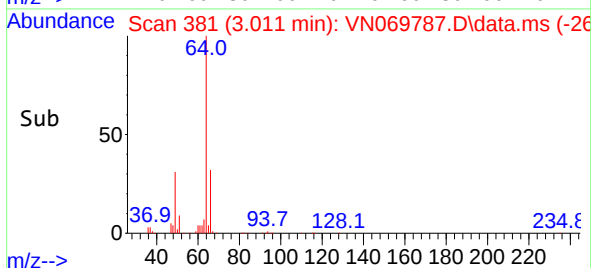
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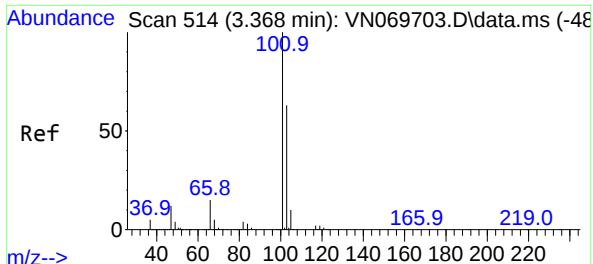


#6
Chloroethane
Concen: 18.654 ug/l
RT: 3.011 min Scan# 381
Delta R.T. 0.003 min
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Acq: 6 Dec 2021 16:44



Tgt Ion: 64 Resp: 180484
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





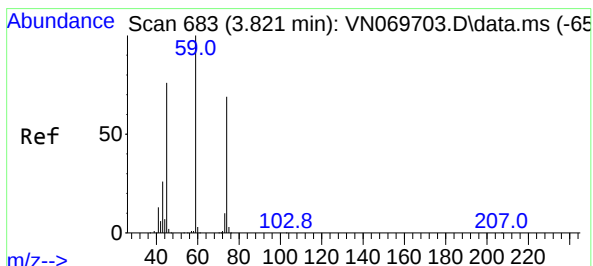
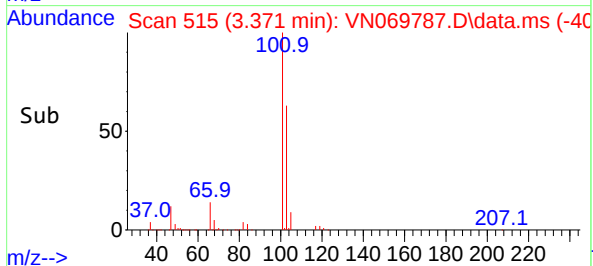
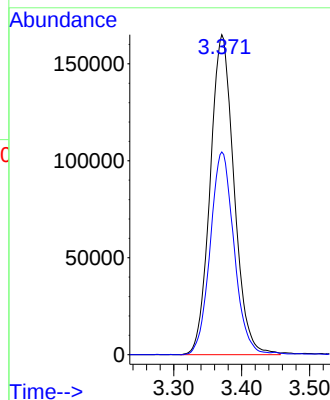
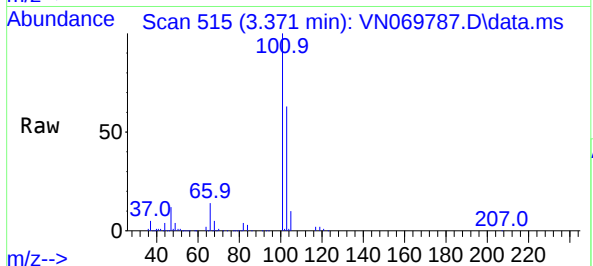
#7
Trichlorofluoromethane
Concen: 19.437 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Instrument :
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Tgt Ion:101 Resp: 40279
Ion Ratio Lower Upper
101 100
103 63.3 50.1 75.1

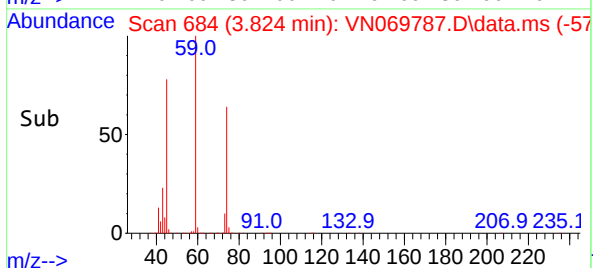
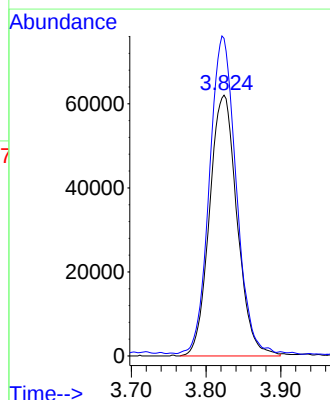
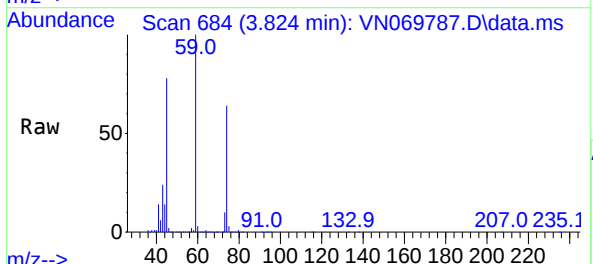
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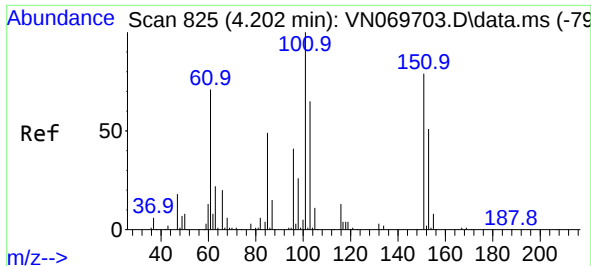
Reviewed By :John Carlone 12/07/2021
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#8
Diethyl Ether
Concen: 19.925 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069787.D
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Tgt Ion: 74 Resp: 159031
Ion Ratio Lower Upper
74 100
45 117.3 47.0 141.2





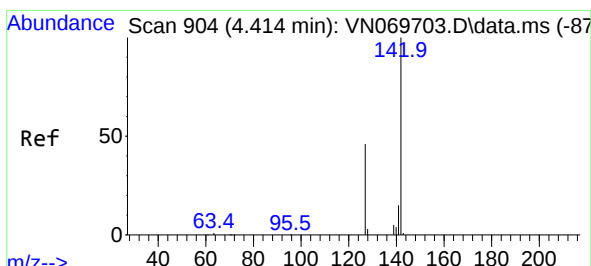
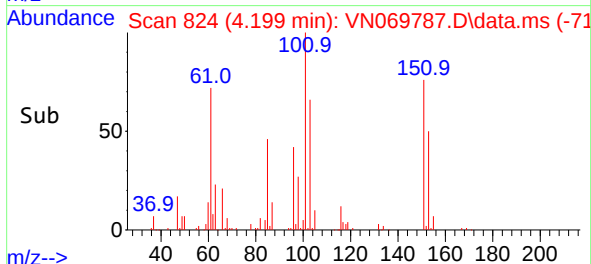
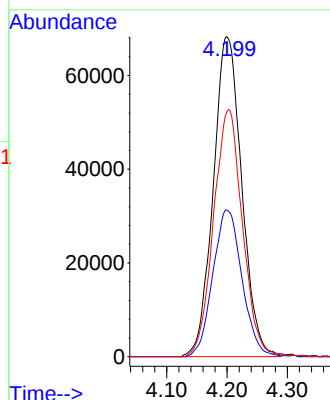
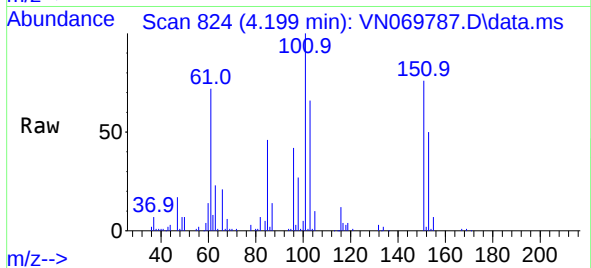
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.289 ug/l
RT: 4.199 min Scan# 81
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tgt Ion:101 Resp: 22406
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 78.0 65.9 98.9

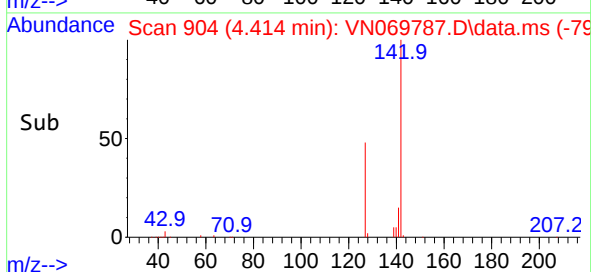
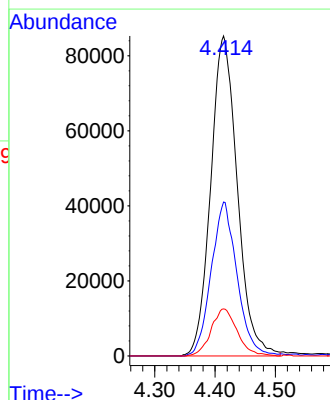
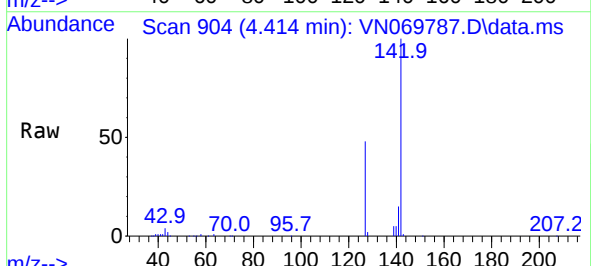
Manual Integrations
APPROVED

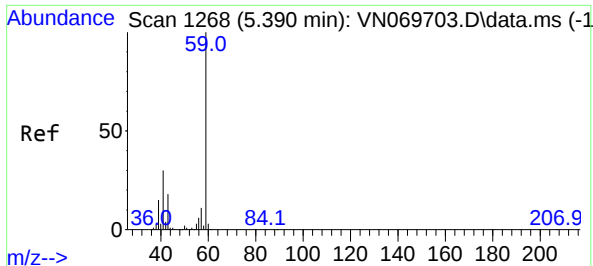
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#10
Methyl Iodide
Concen: 16.461 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

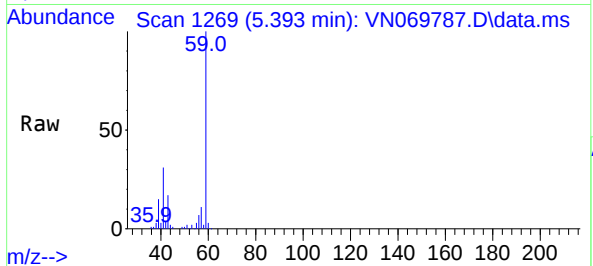
Tgt Ion:142 Resp: 261229
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 97.377 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

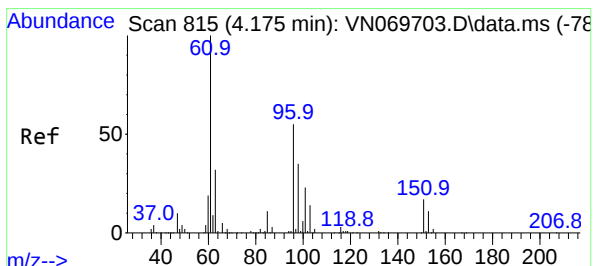
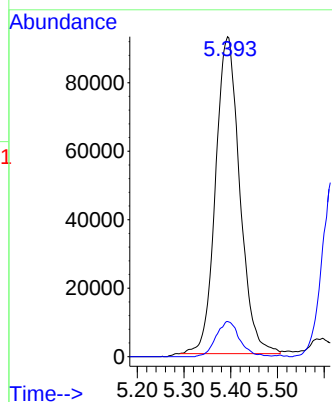
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



Tgt Ion: 59 Resp: 333979
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

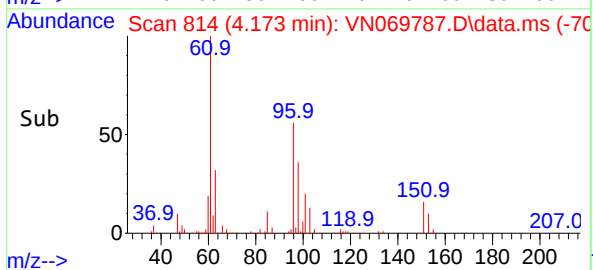
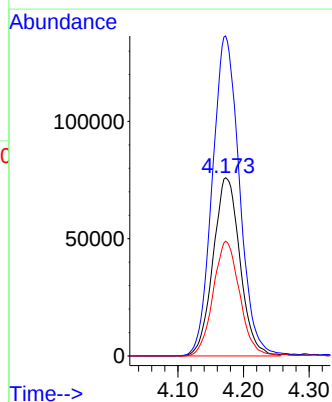
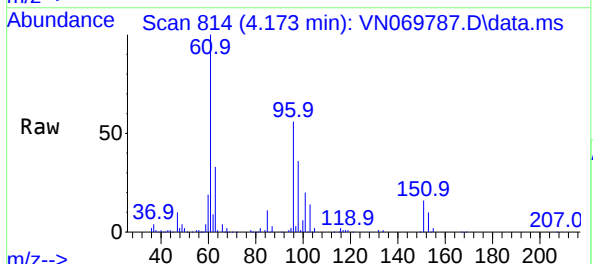
Manual Integrations
APPROVED

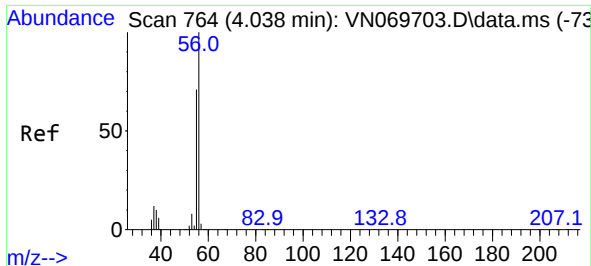
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#12
1,1-Dichloroethene
Concen: 19.343 ug/l
RT: 4.173 min Scan# 814
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

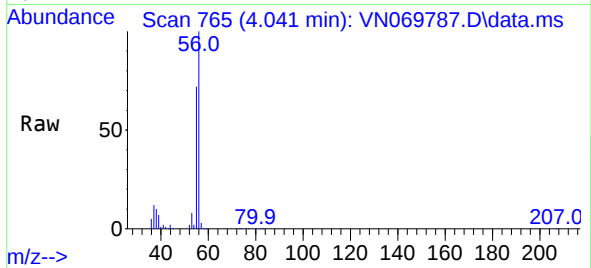
Tgt Ion: 96 Resp: 216523
Ion Ratio Lower Upper
96 100
61 179.5 131.0 196.6
98 64.4 52.4 78.6





#13
Acrolein
Concen: 143.838 ug/l
RT: 4.041 min Scan# 701
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

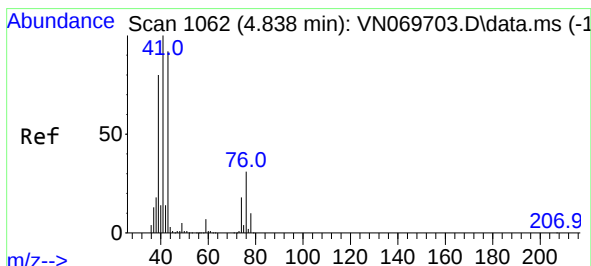
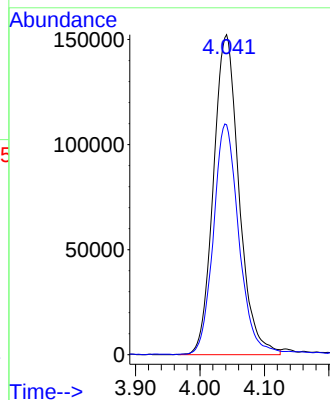
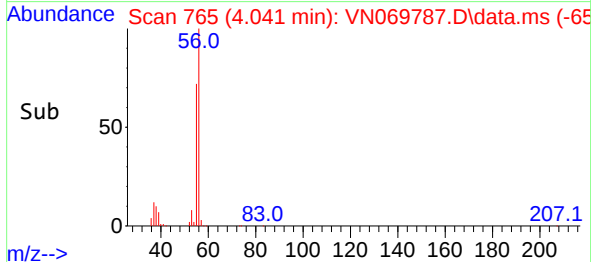
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



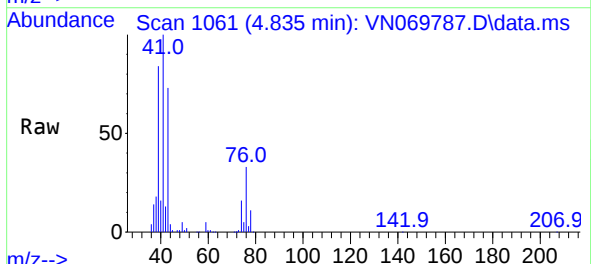
Tgt Ion: 56 Resp: 42011
Ion Ratio Lower Upper
56 100
55 71.8 56.6 85.0

Manual Integrations
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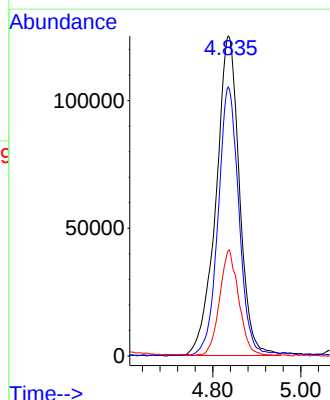
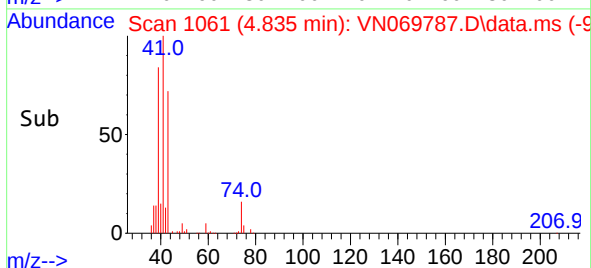
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

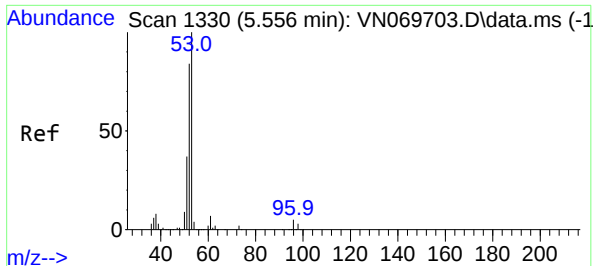


#14
Allyl chloride
Concen: 18.369 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



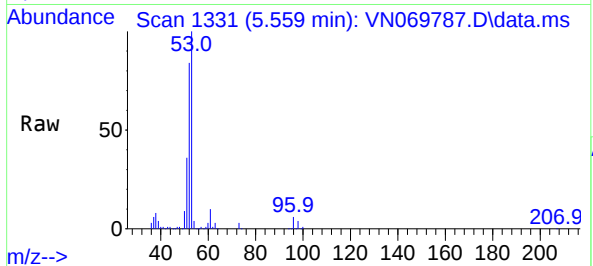
Tgt Ion: 41 Resp: 463331
Ion Ratio Lower Upper
41 100
39 73.9 61.2 91.8
76 26.9 26.0 39.0





#15
Acrylonitrile
Concen: 96.548 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

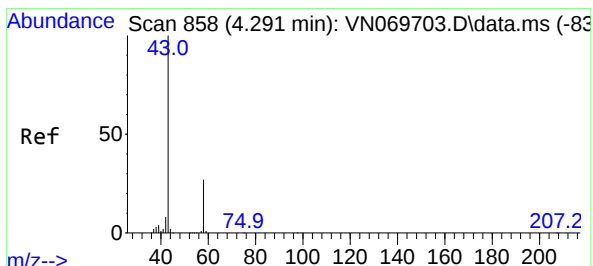
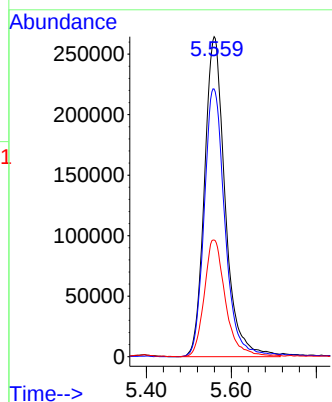
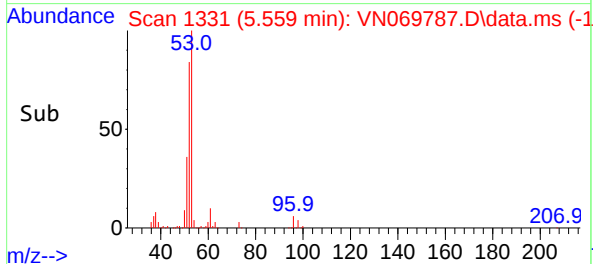
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



Tgt Ion: 53 Resp: 892294
Ion Ratio Lower Upper
53 100
52 83.9 66.2 99.2
51 37.5 29.6 44.4

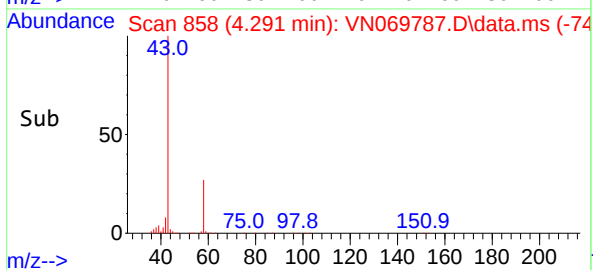
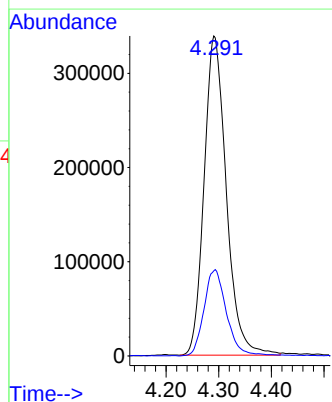
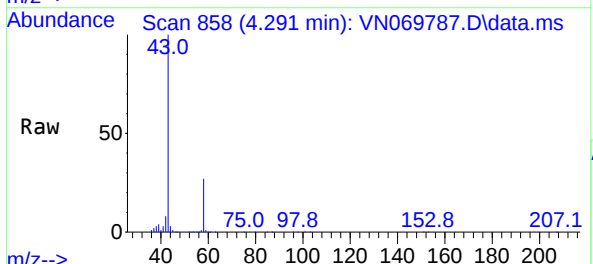
Manual Integrations
APPROVED

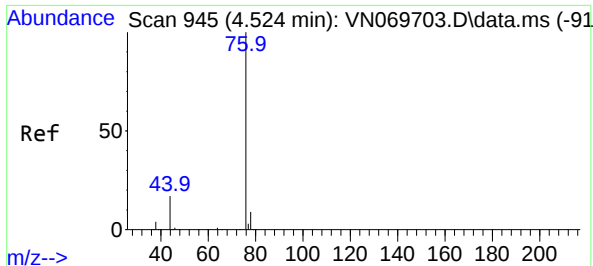
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#16
Acetone
Concen: 91.091 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

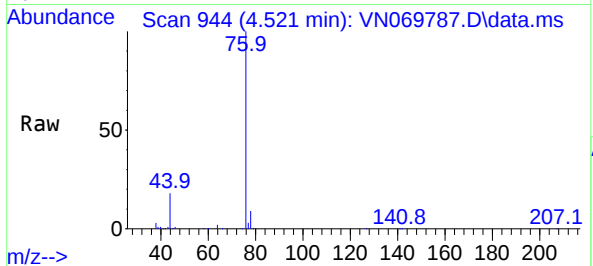
Tgt Ion: 43 Resp: 994230
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 17.079 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

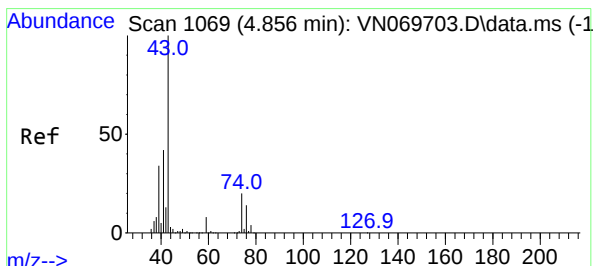
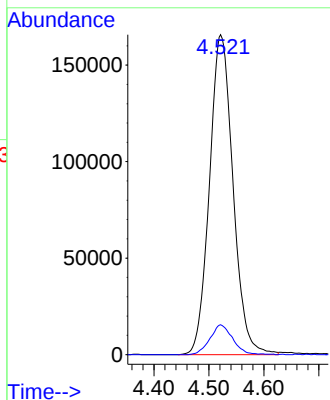
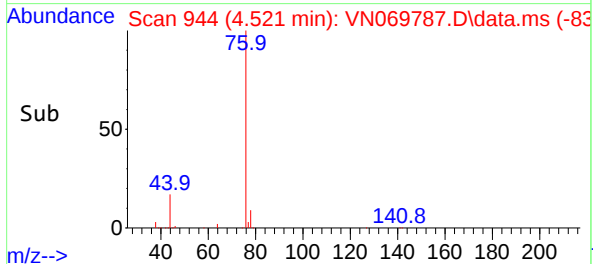
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



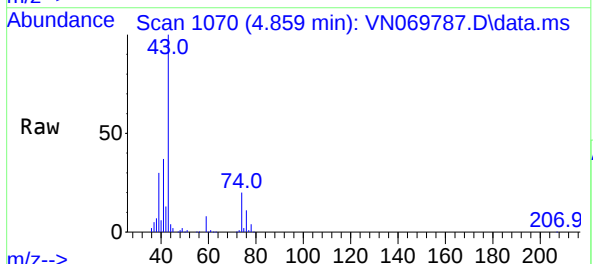
Tgt Ion: 76 Resp: 49392
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
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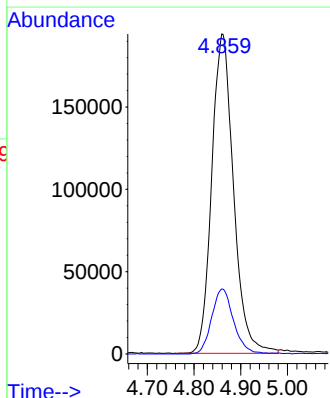
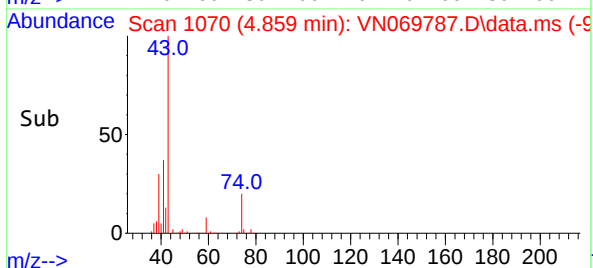
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

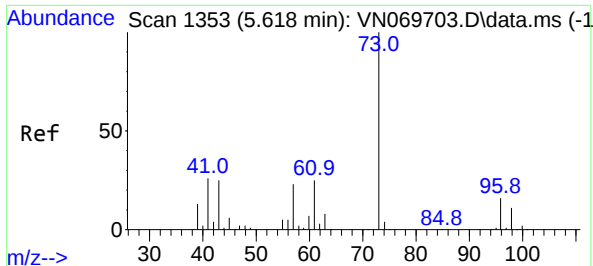


#18
Methyl Acetate
Concen: 19.058 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



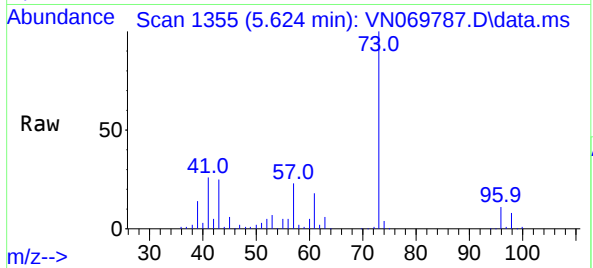
Tgt Ion: 43 Resp: 627880
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.787 ug/l
RT: 5.624 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

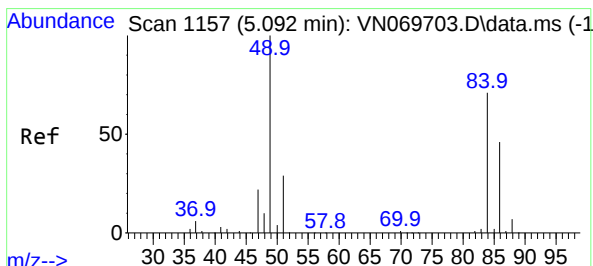
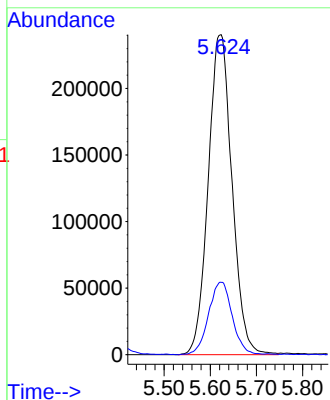
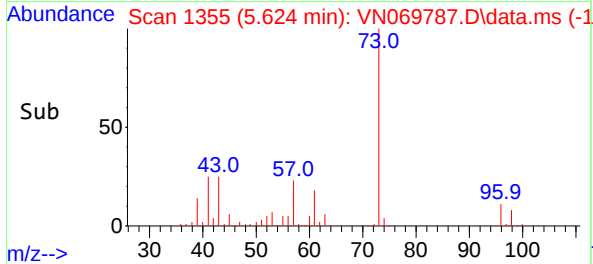
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



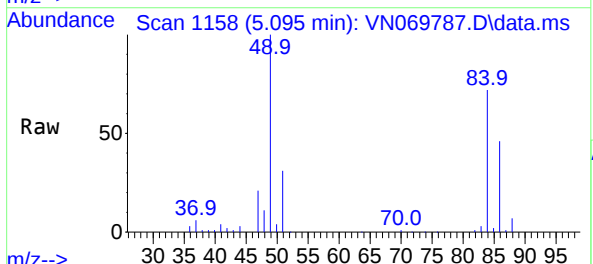
Tgt Ion: 73 Resp: 86120
Ion Ratio Lower Upper
73 100
57 22.6 16.8 25.2

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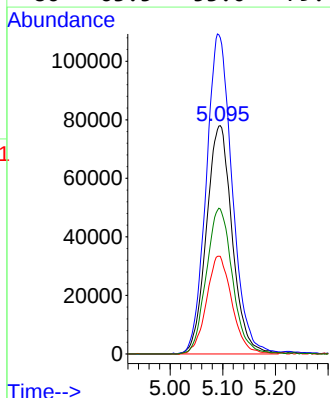
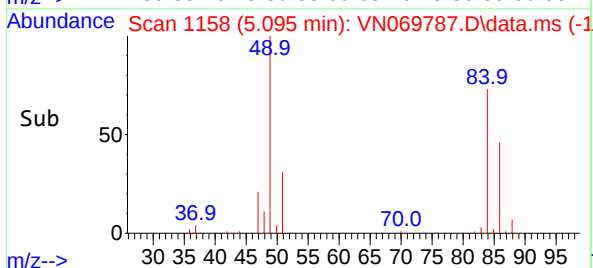
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#20
Methylene Chloride
Concen: 18.283 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



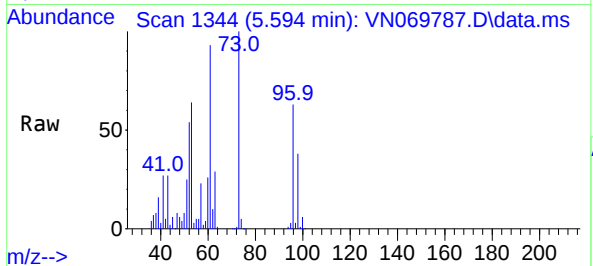
Tgt Ion: 84 Resp: 265280
Ion Ratio Lower Upper
84 100
49 138.3 93.5 140.3
51 42.8 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.165 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

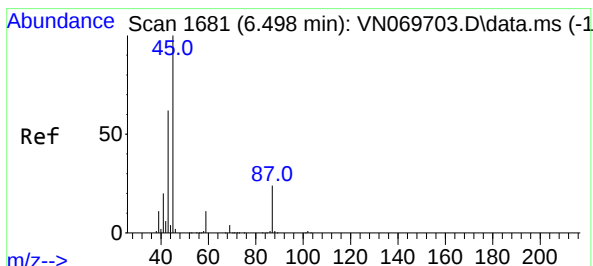
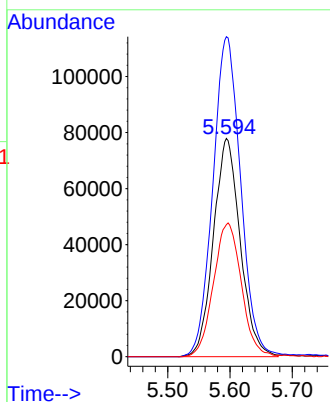
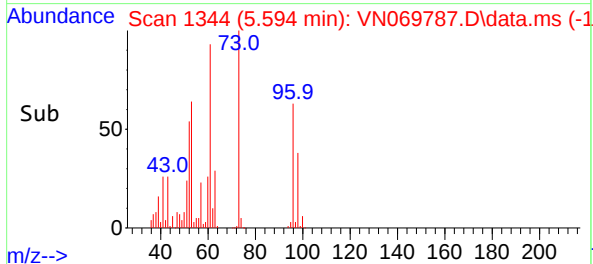
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



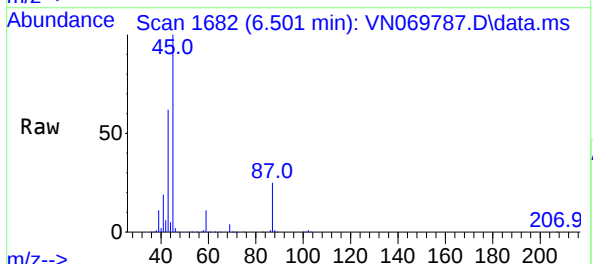
Tgt Ion: 96 Resp: 233019
Ion Ratio Lower Upper
96 100
61 146.6 105.8 158.6
98 60.5 52.0 78.0

Manual Integrations
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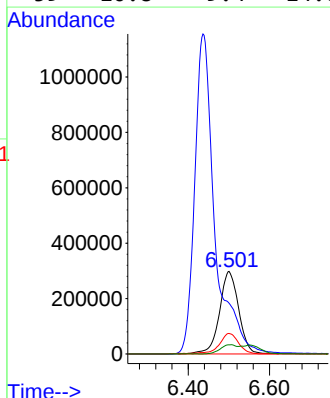
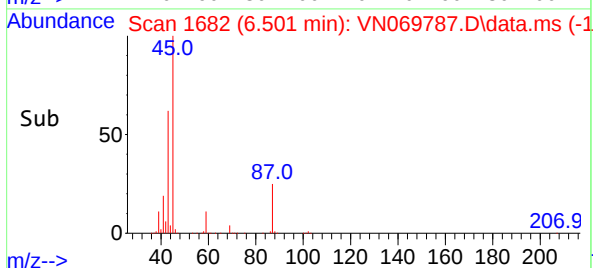
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

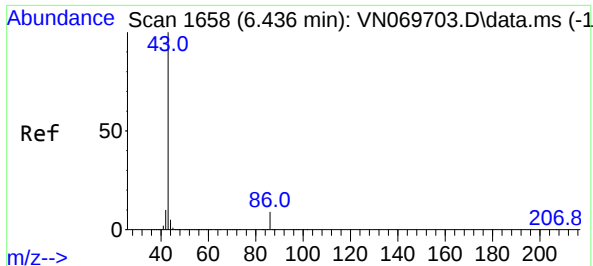


#22
Diisopropyl ether
Concen: 19.836 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



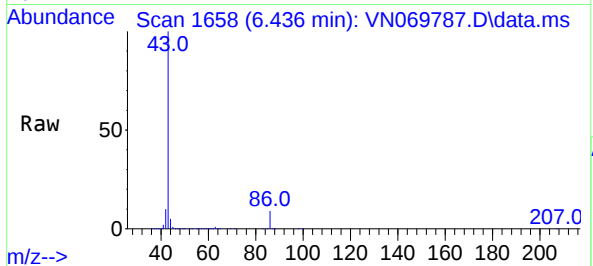
Tgt Ion: 45 Resp: 977934
Ion Ratio Lower Upper
45 100
43 60.2 51.7 77.5
87 24.7 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.877 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN069787.D
 Acq: 6 Dec 2021 16:44

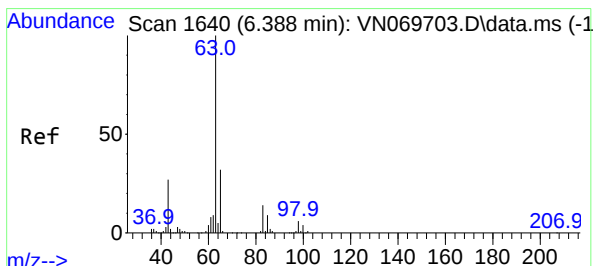
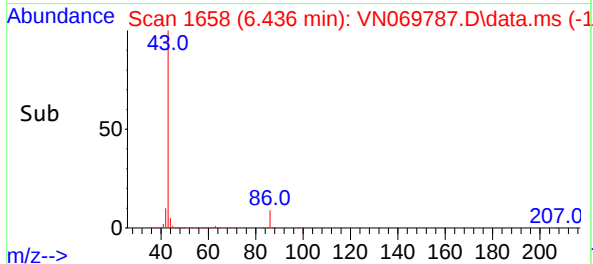
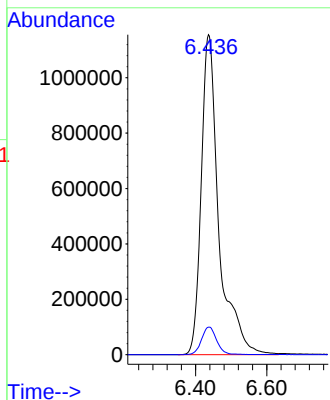
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01



Tgt Ion: 43 Resp: 3965920
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.5 12.7

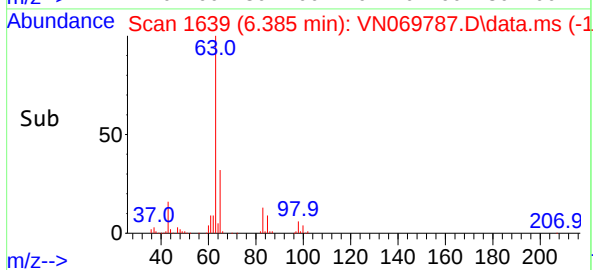
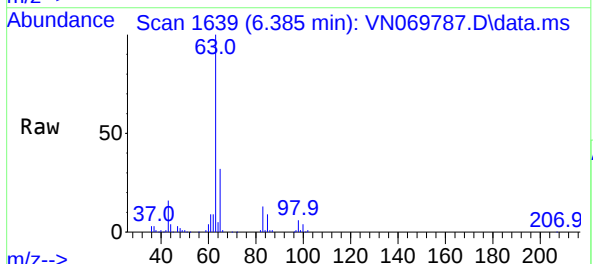
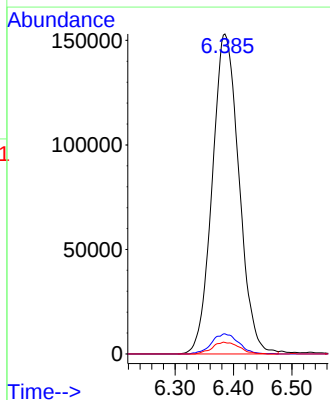
Manual Integrations
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Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/10/2021



#24
 1,1-Dichloroethane
 Concen: 19.063 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN069787.D
 Acq: 6 Dec 2021 16:44

Tgt Ion: 63 Resp: 486856
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 94.528 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.003 min

Lab File: VN069787.D

Acq: 6 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tgt Ion: 43 Resp: 1401849

Ion Ratio Lower Upper

43 100

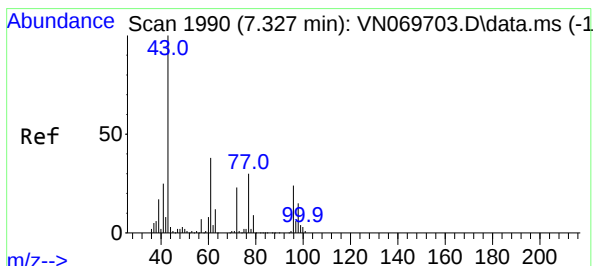
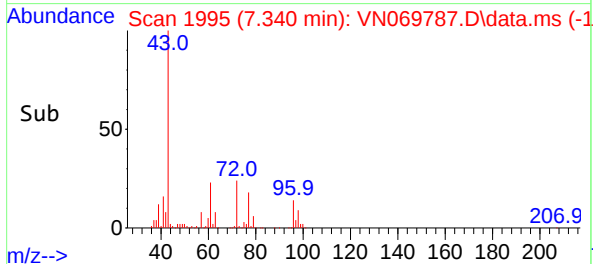
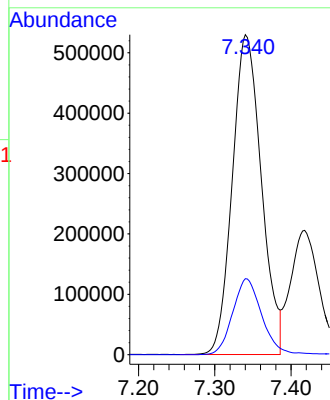
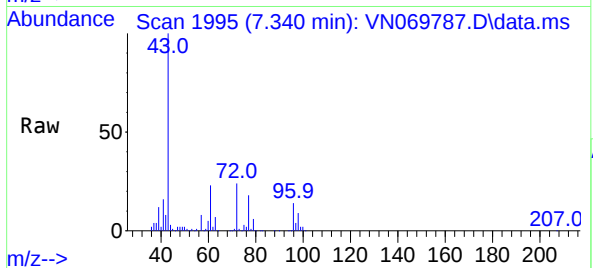
72 23.8 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#26

2,2-Dichloropropane

Concen: 18.665 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN069787.D

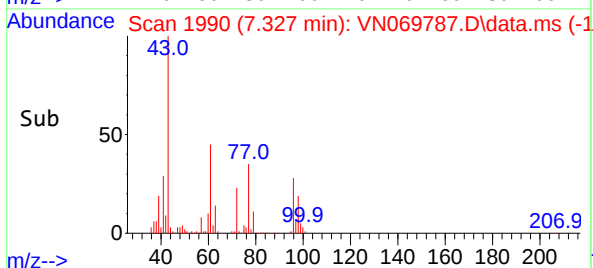
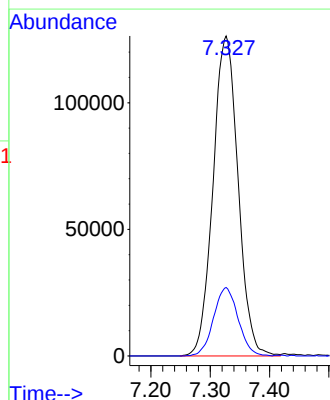
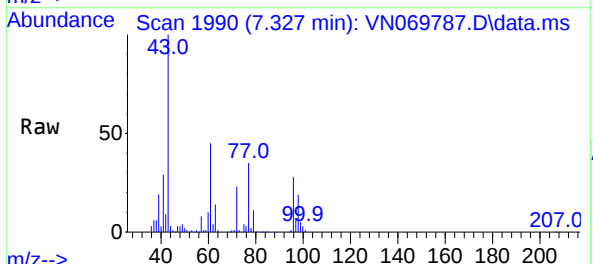
Acq: 6 Dec 2021 16:44

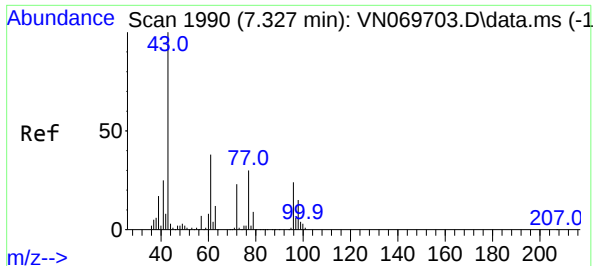
Tgt Ion: 77 Resp: 370634

Ion Ratio Lower Upper

77 100

97 21.0 11.6 34.8





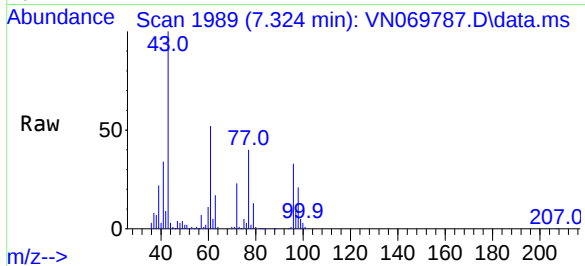
#27
 cis-1,2-Dichloroethene
 Concen: 19.023 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN069787.D
 Acq: 6 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

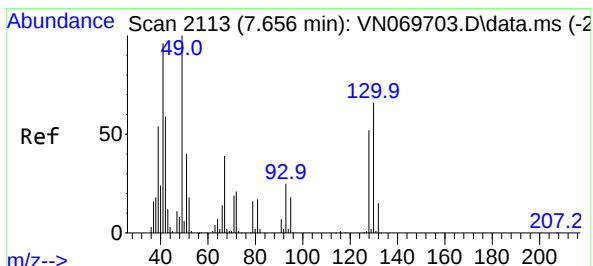
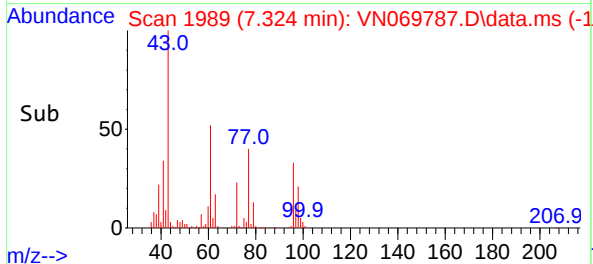
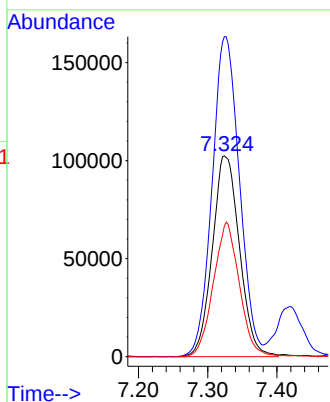


Tgt Ion: 96 Resp: 279430
 Ion Ratio Lower Upper
 96 100
 61 160.3 0.0 275.0
 98 64.2 0.0 129.6

Manual Integrations

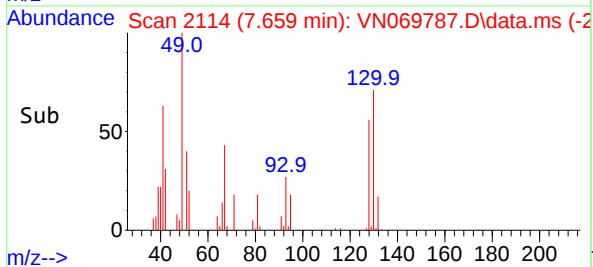
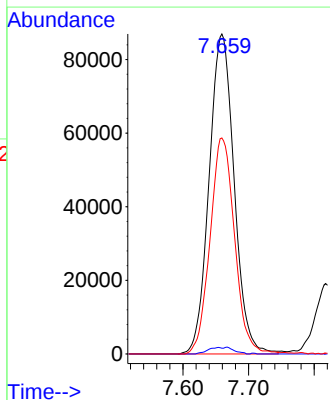
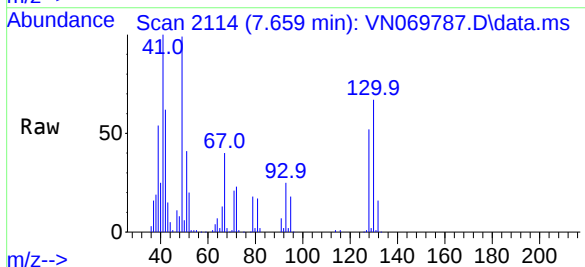
APPROVED

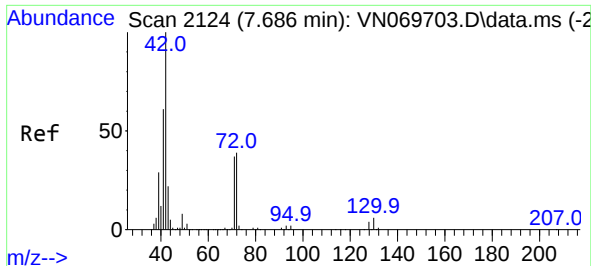
Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/10/2021



#28
 Bromochloromethane
 Concen: 17.346 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.003 min
 Lab File: VN069787.D
 Acq: 6 Dec 2021 16:44

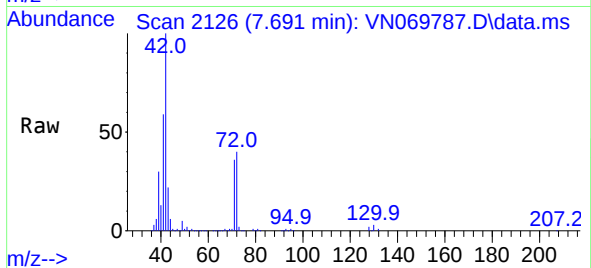
Tgt Ion: 49 Resp: 230358
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.0
 130 66.2 67.8 101.8#





#29
Tetrahydrofuran
Concen: 100.781 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.006 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

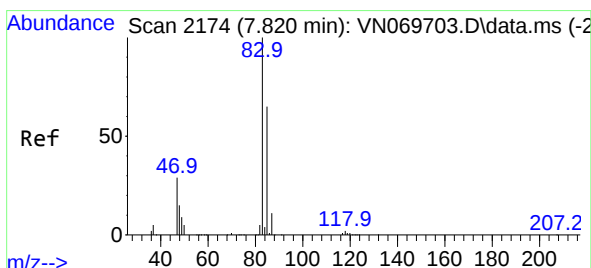
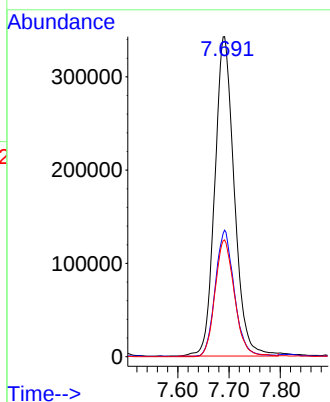
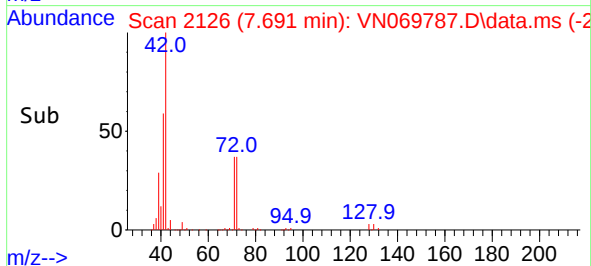
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



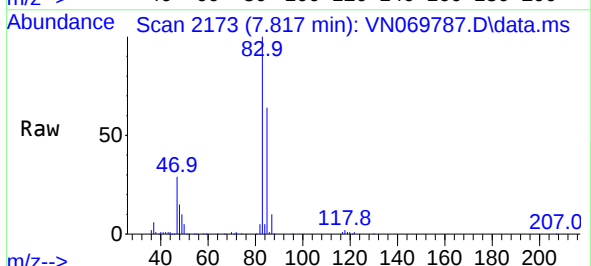
Tgt Ion: 42 Resp: 907540
Ion Ratio Lower Upper
42 100
72 38.5 36.3 54.5
71 36.6 34.7 52.1

Manual Integrations
APPROVED

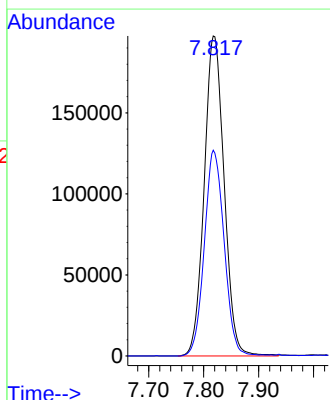
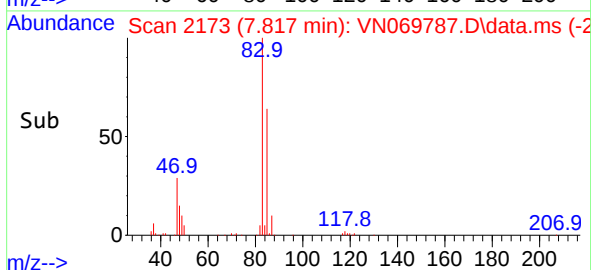
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

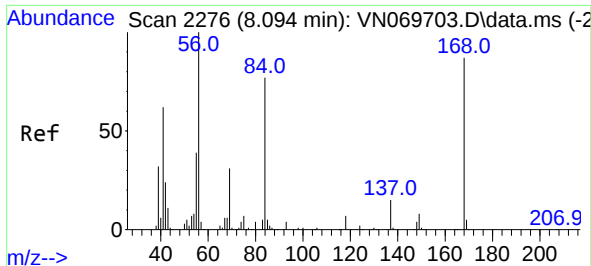


#30
Chloroform
Concen: 19.300 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



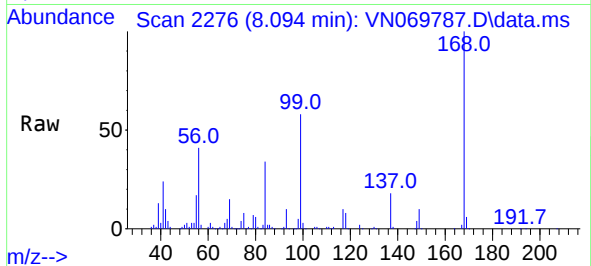
Tgt Ion: 83 Resp: 497785
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9





#31
Cyclohexane
Concen: 19.123 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

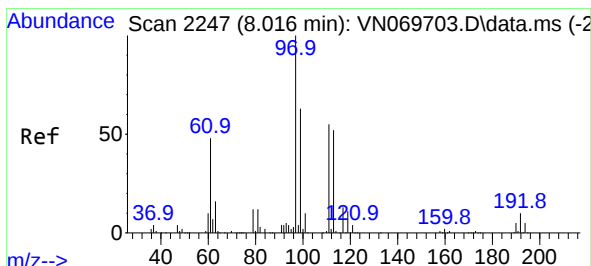
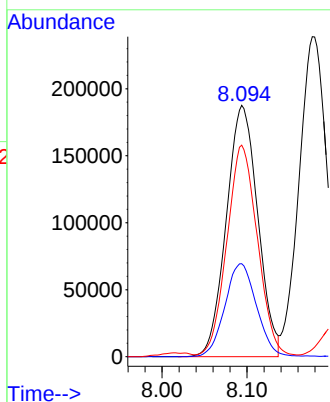
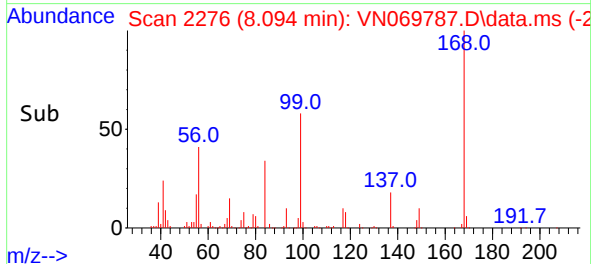
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



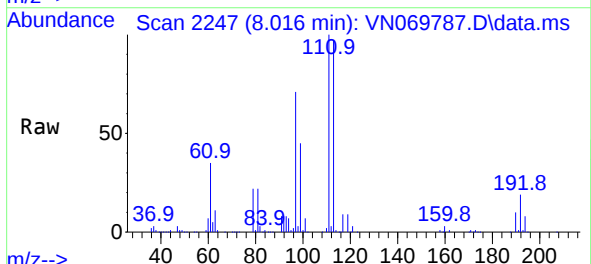
Tgt Ion: 56 Resp: 482862
Ion Ratio Lower Upper
56 100
69 37.0 27.1 40.7
84 82.7 73.4 110.0

Manual Integrations
APPROVED

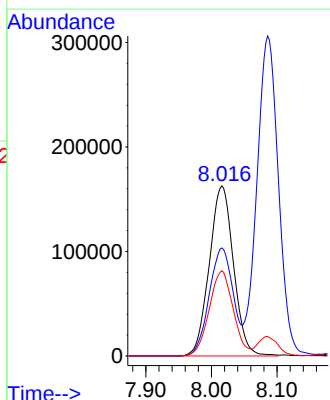
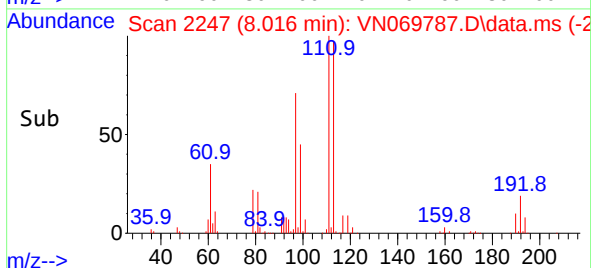
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

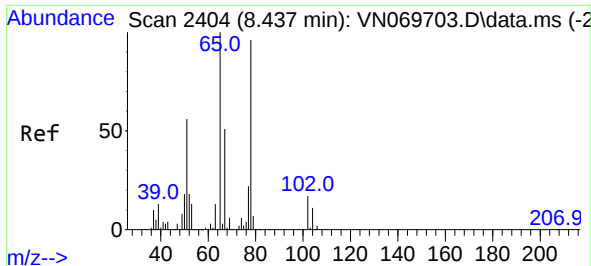


#32
1,1,1-Trichloroethane
Concen: 19.013 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



Tgt Ion: 97 Resp: 417716
Ion Ratio Lower Upper
97 100
99 62.4 50.1 75.1
61 49.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.136 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069787.D

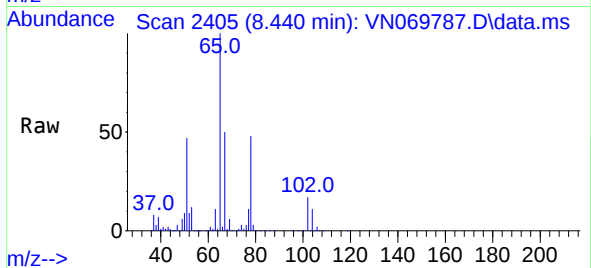
Acq: 6 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01



Tgt Ion: 65 Resp: 873409

Ion Ratio Lower Upper

65 100

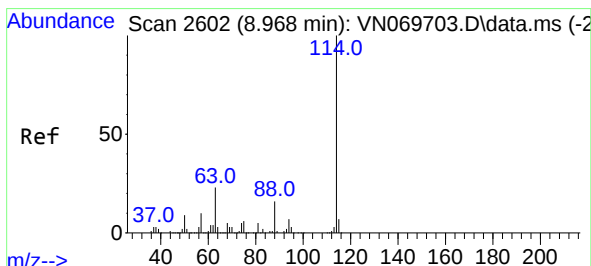
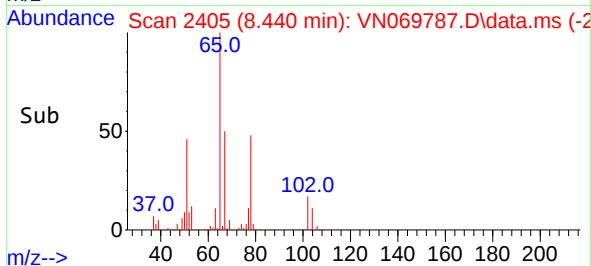
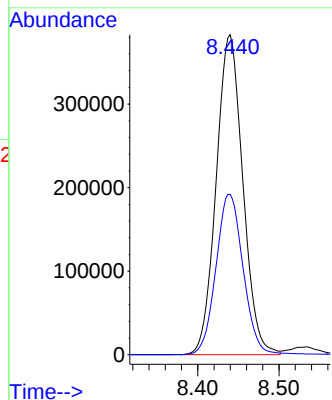
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069787.D

Acq: 6 Dec 2021 16:44

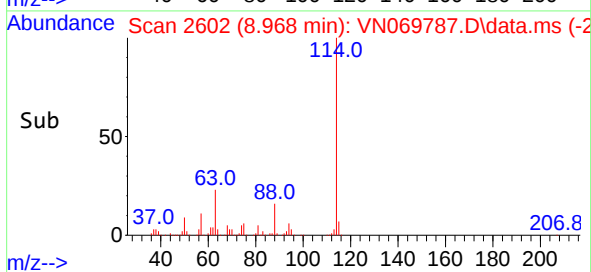
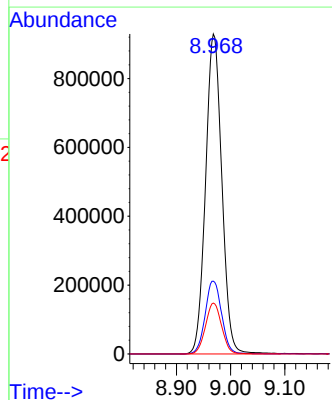
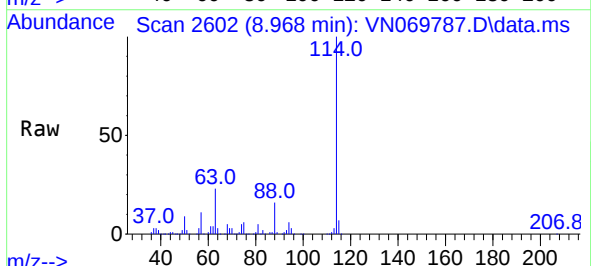
Tgt Ion:114 Resp: 1937424

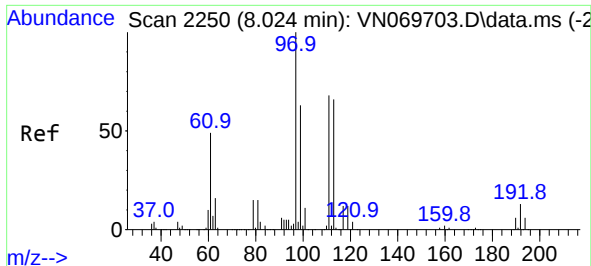
Ion Ratio Lower Upper

114 100

63 22.8 0.0 37.8

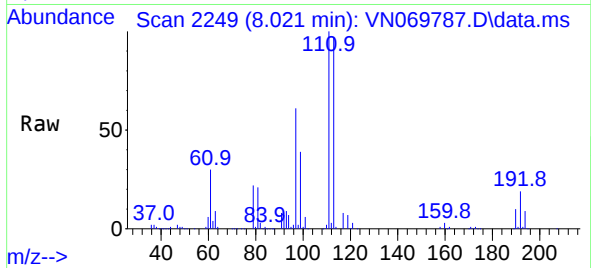
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.524 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

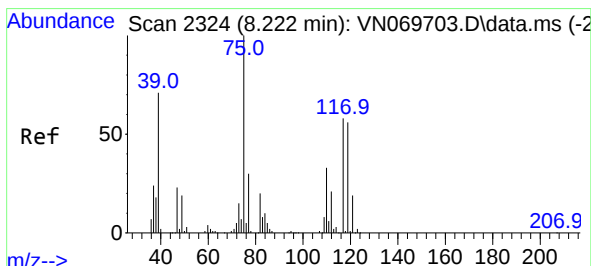
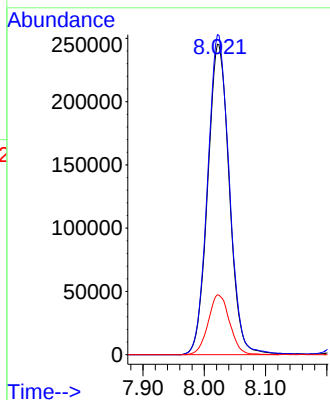
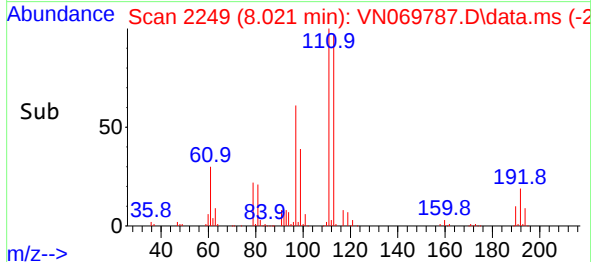
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



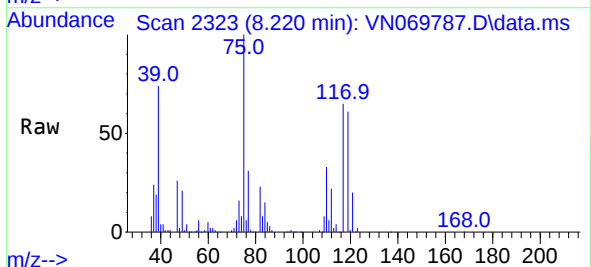
Tgt Ion: 113 Resp: 601000
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.1 16.9 25.3

Manual Integrations
APPROVED

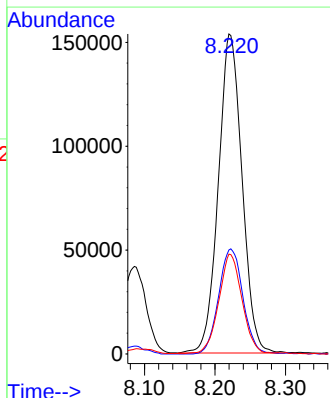
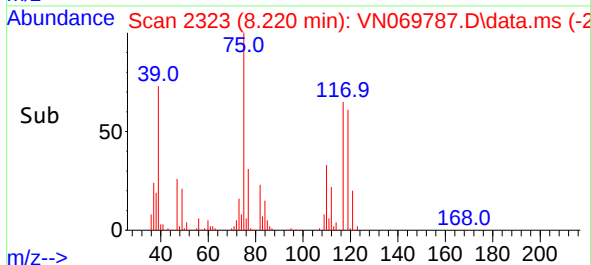
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

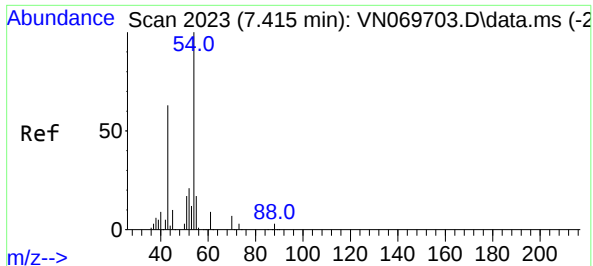


#36
1,1-Dichloropropene
Concen: 19.411 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



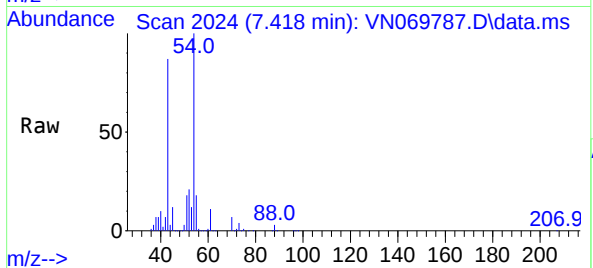
Tgt Ion: 75 Resp: 358018
Ion Ratio Lower Upper
75 100
110 33.9 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 19.518 ug/l
RT: 7.418 min Scan# 2024
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

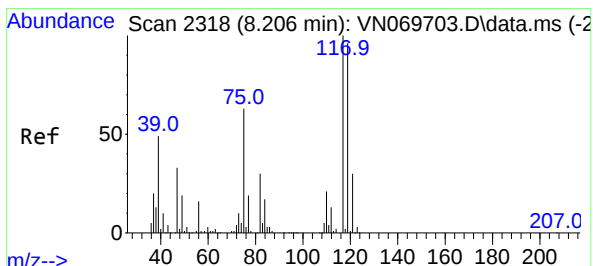
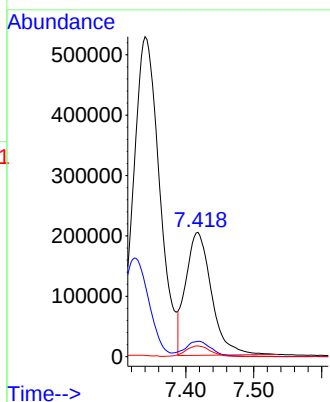
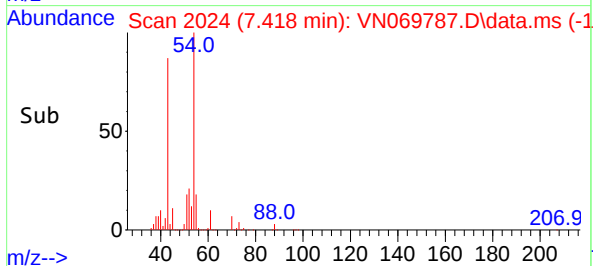
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



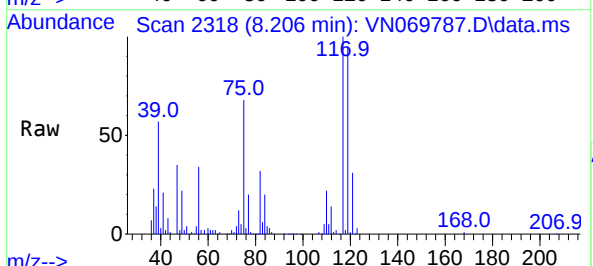
Tgt Ion: 43 Resp: 53578
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations
APPROVED

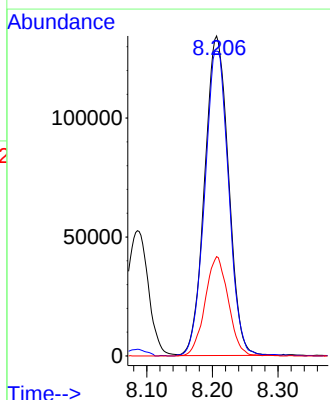
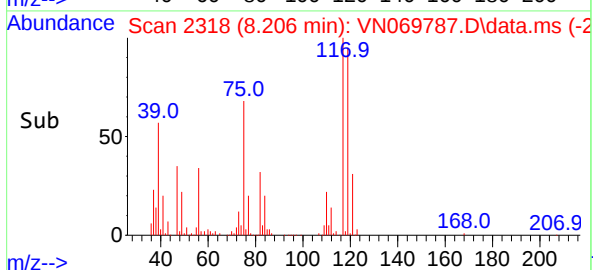
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

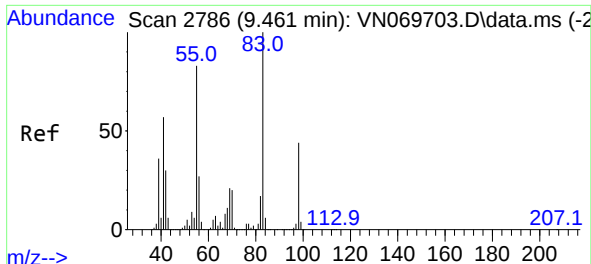


#38
Carbon Tetrachloride
Concen: 18.746 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



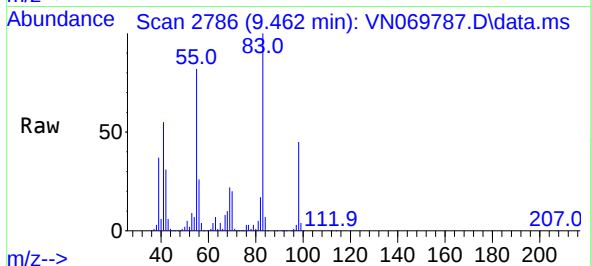
Tgt Ion:117 Resp: 339043
Ion Ratio Lower Upper
117 100
119 95.1 76.1 114.1
121 31.1 24.2 36.2





#39
Methylcyclohexane
Concen: 19.577 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

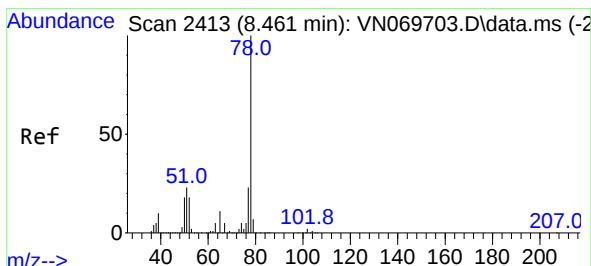
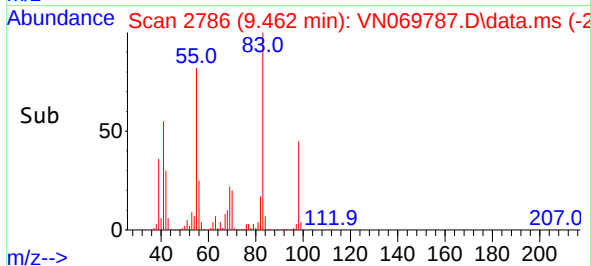
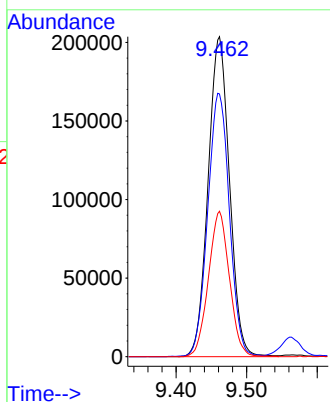
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



Tgt Ion: 83 Resp: 42948
Ion Ratio Lower Upper
83 100
55 81.9 58.1 87.1
98 45.4 38.4 57.6

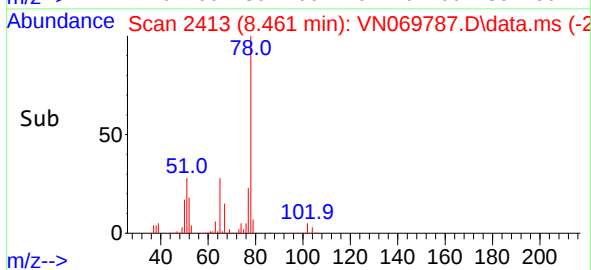
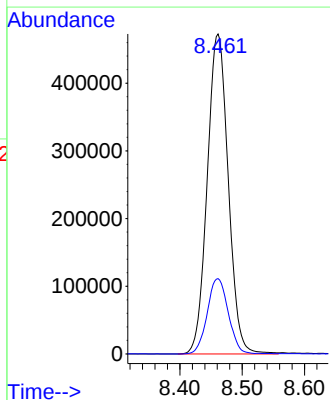
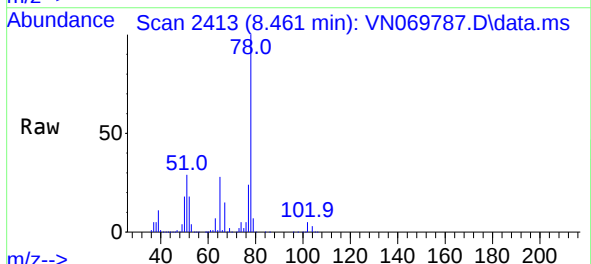
Manual Integrations
APPROVED

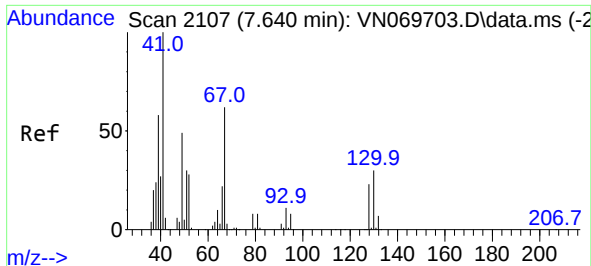
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#40
Benzene
Concen: 19.638 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

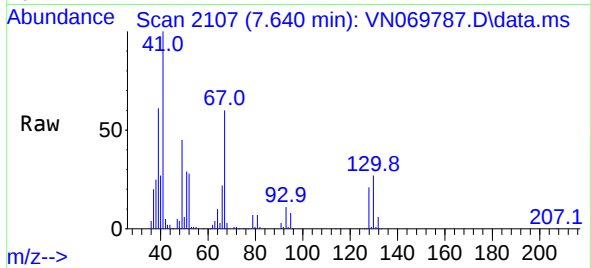
Tgt Ion: 78 Resp: 1107077
Ion Ratio Lower Upper
78 100
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 20.525 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

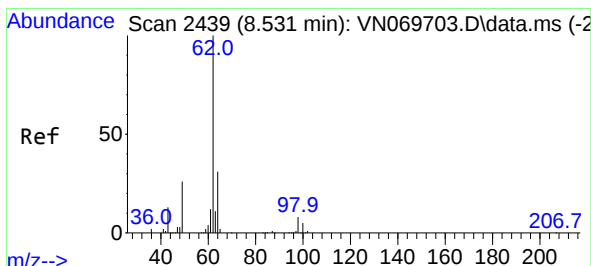
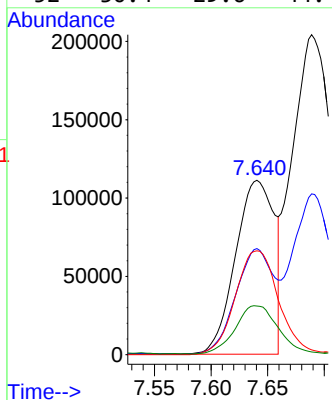
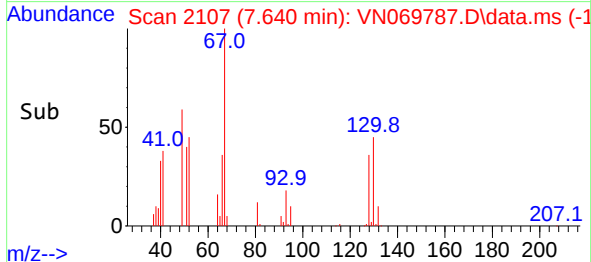
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



Tgt Ion: 41 Resp: 264492
Ion Ratio Lower Upper
41 100
39 61.5 48.1 72.1
67 67.3 68.3 102.5
52 30.4 29.6 44.4

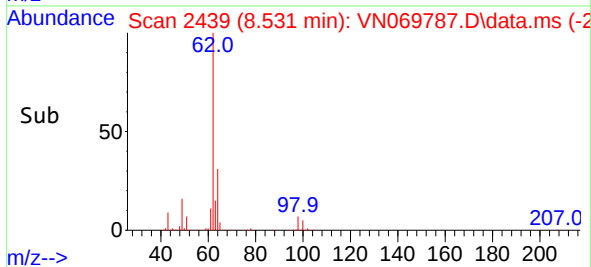
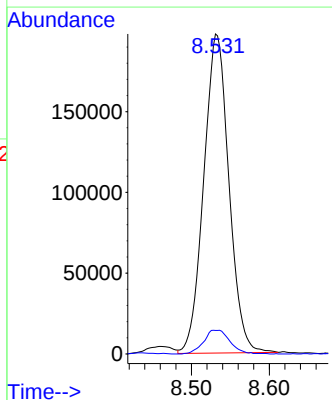
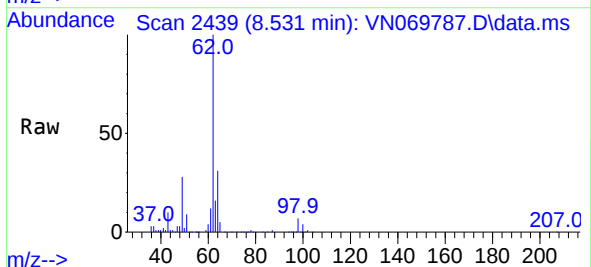
Manual Integrations
APPROVED

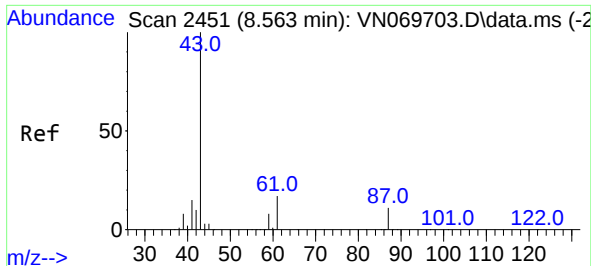
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#42
1,2-Dichloroethane
Concen: 19.487 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Tgt Ion: 62 Resp: 443467
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





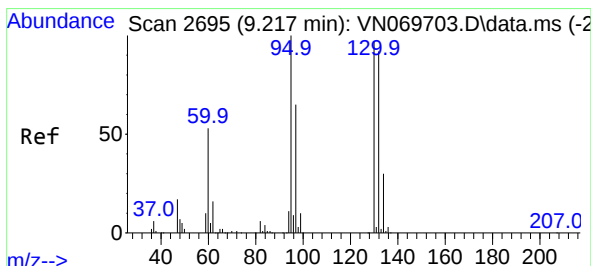
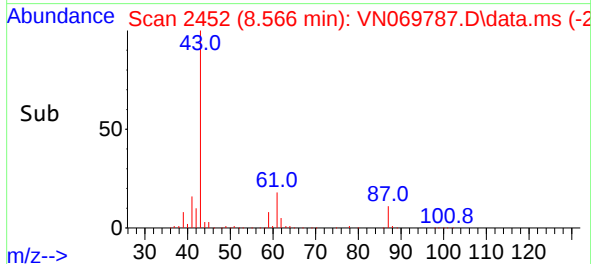
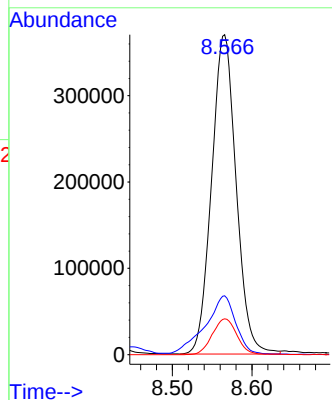
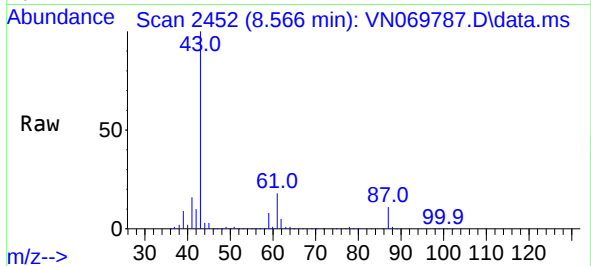
#43
Isopropyl Acetate
Concen: 19.566 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tgt Ion: 43 Resp: 79482
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 11.4 11.2 16.8

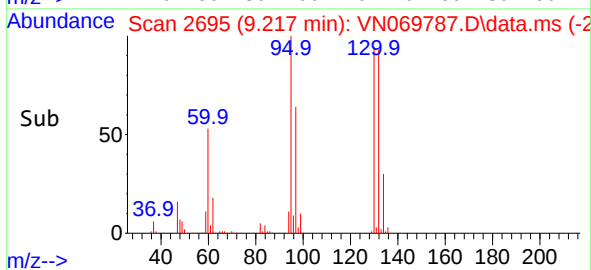
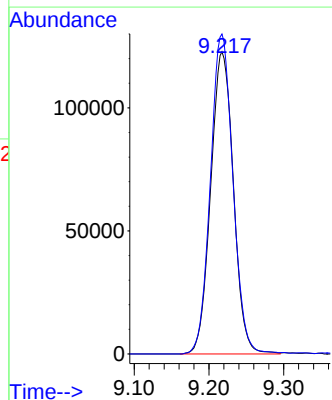
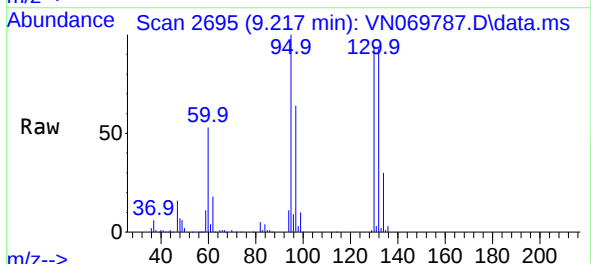
Manual Integrations
APPROVED

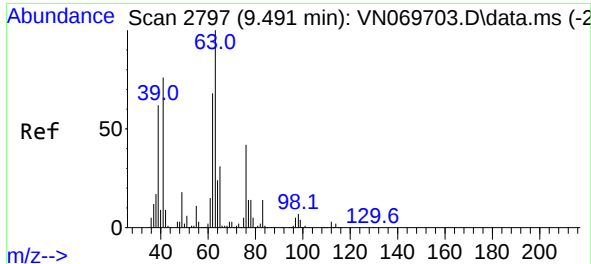
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#44
Trichloroethene
Concen: 19.255 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Tgt Ion:130 Resp: 259092
Ion Ratio Lower Upper
130 100
95 105.8 0.0 191.2





#45
1,2-Dichloropropane
Concen: 19.408 ug/l
RT: 9.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

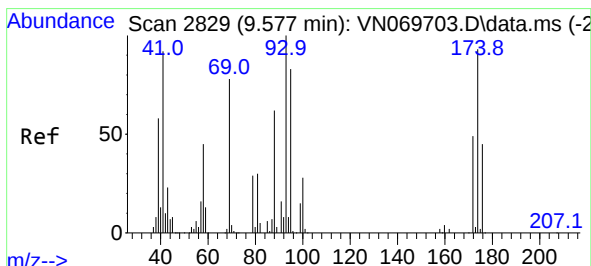
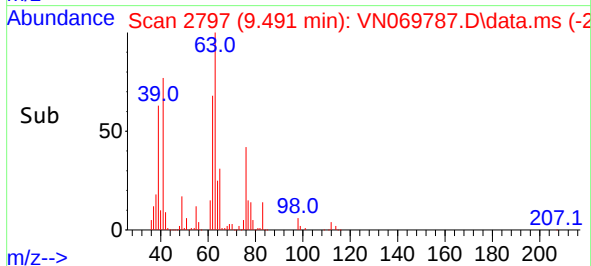
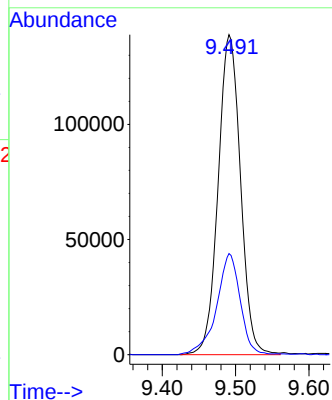
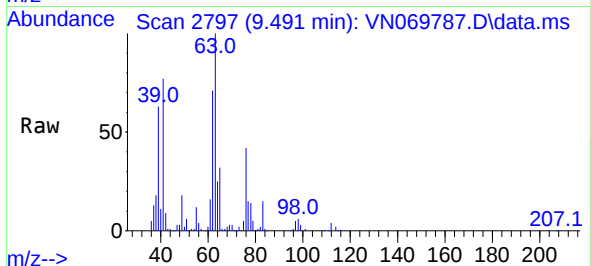
VN1206WBSD01

Tgt Ion: 63 Resp: 29381
Ion Ratio Lower Upper
63 100
65 31.4 24.7 37.1

Manual Integrations

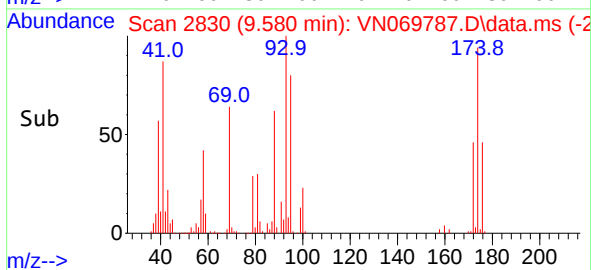
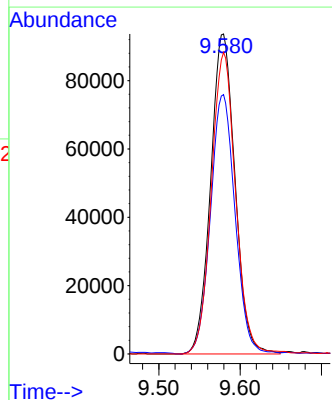
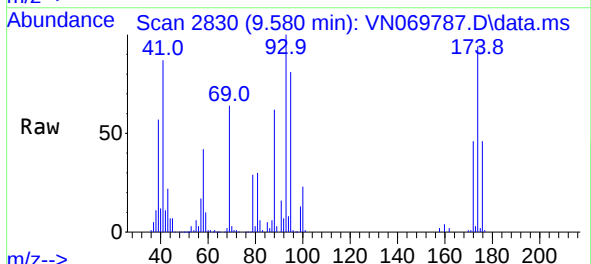
APPROVED

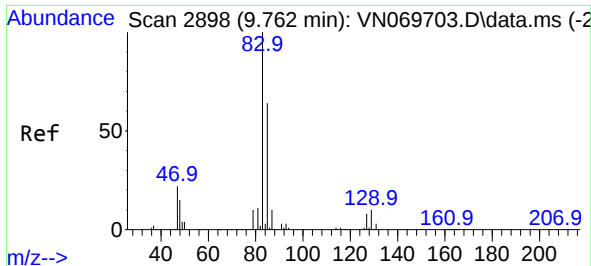
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#46
Dibromomethane
Concen: 19.671 ug/l
RT: 9.580 min Scan# 2830
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

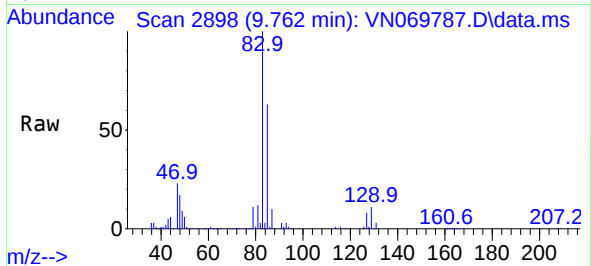
Tgt Ion: 93 Resp: 195306
Ion Ratio Lower Upper
93 100
95 81.7 65.9 98.9
174 93.8 84.6 127.0





#47
Bromodichloromethane
Concen: 18.756 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

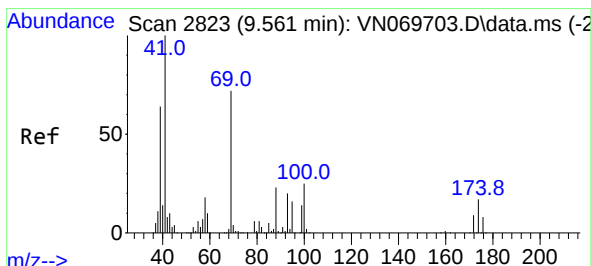
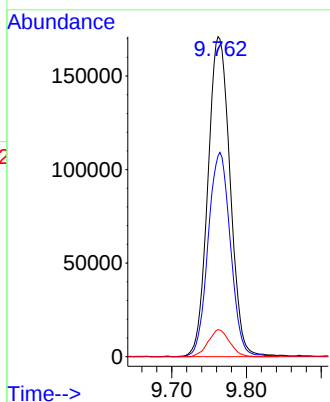
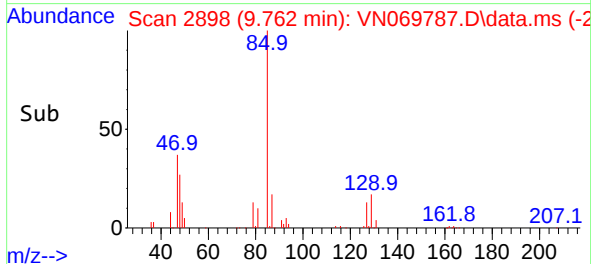
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



Tgt Ion: 83 Resp: 35257
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3
127 8.4 7.1 10.7

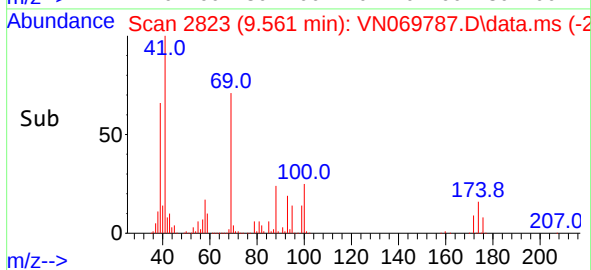
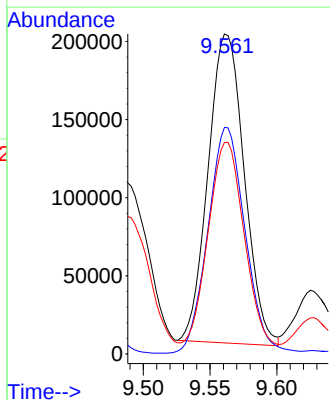
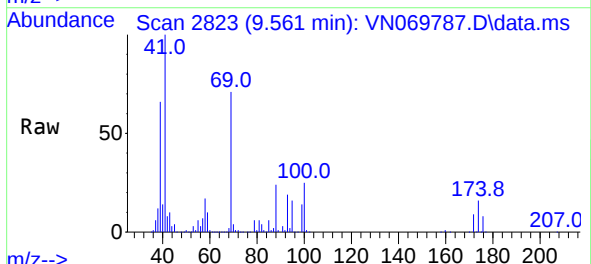
Manual Integrations
APPROVED

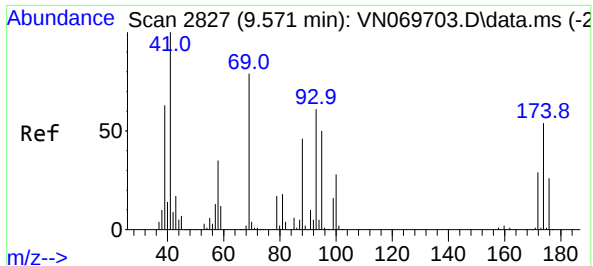
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#48
Methyl methacrylate
Concen: 19.636 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Tgt Ion: 41 Resp: 372256
Ion Ratio Lower Upper
41 100
69 75.2 72.4 108.6
39 70.3 58.4 87.6





#49

1,4-Dioxane

Concen: 433.929 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN069787.D

Acq: 6 Dec 2021 16:44

Instrument :

MSVOA_N

ClientSampleId :

VN1206WBSD01

Tgt Ion: 88 Resp: 147600

Ion Ratio Lower Upper

88 100

43 34.9 23.4 35.2

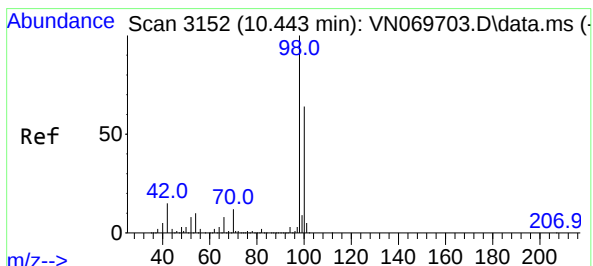
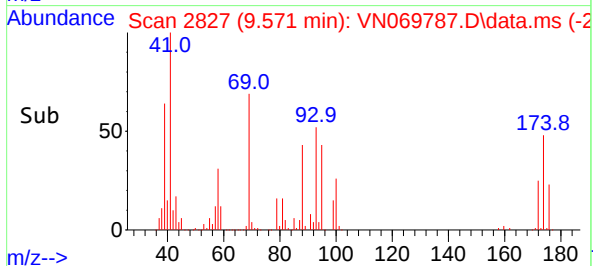
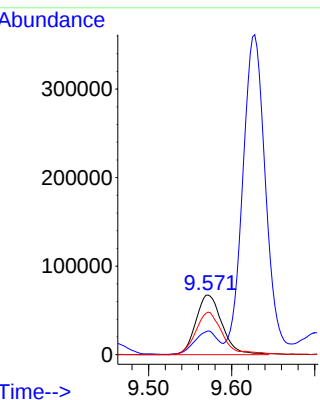
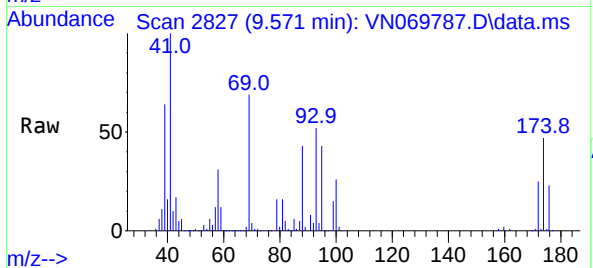
58 69.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/07/2021

Supervised By :Mahesh Dadoda 12/10/2021



#50

Toluene-d8

Concen: 49.782 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN069787.D

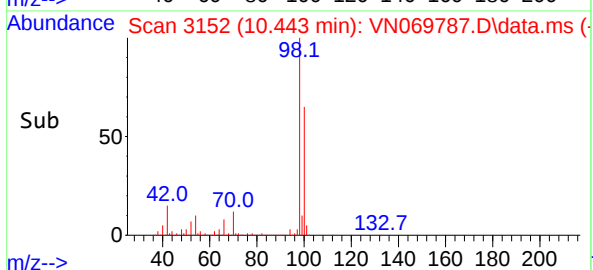
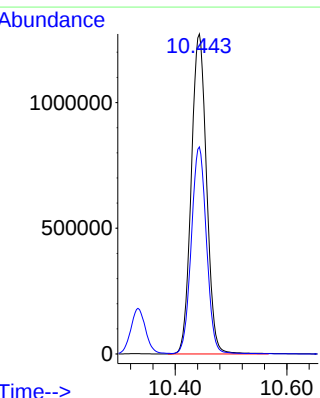
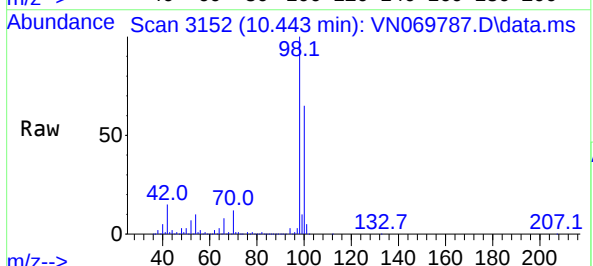
Acq: 6 Dec 2021 16:44

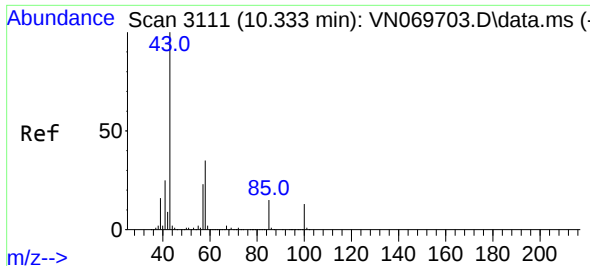
Tgt Ion: 98 Resp: 2425816

Ion Ratio Lower Upper

98 100

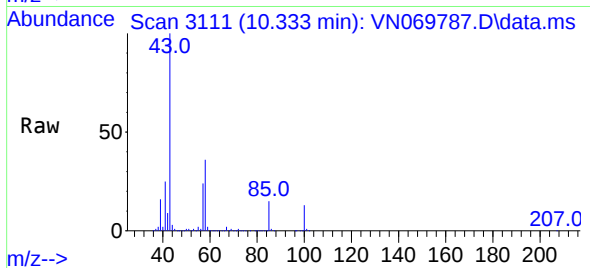
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 103.045 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

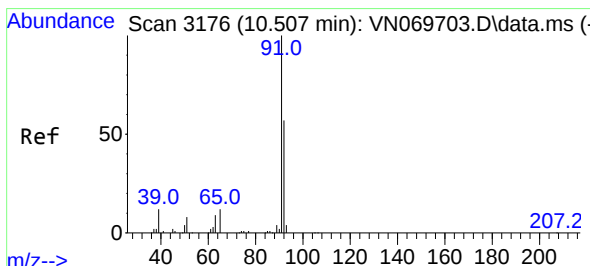
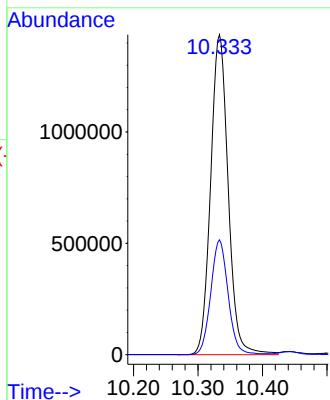
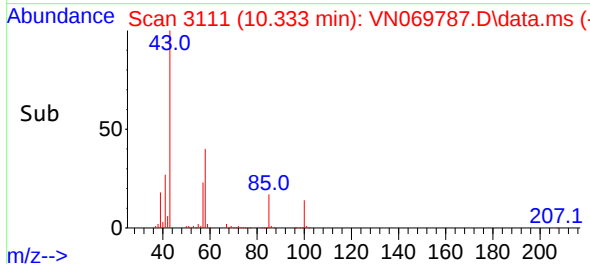
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



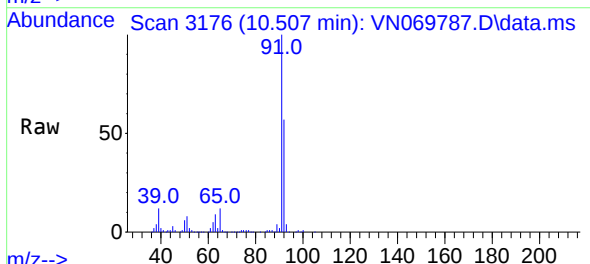
Tgt Ion: 43 Resp: 271559
Ion Ratio Lower Upper
43 100
58 35.6 30.4 45.6

Manual Integrations
APPROVED

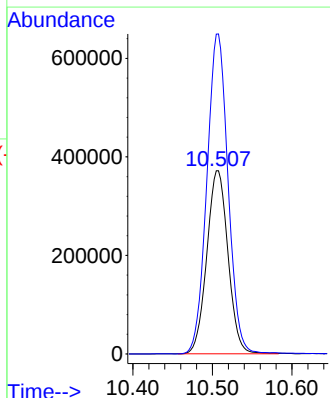
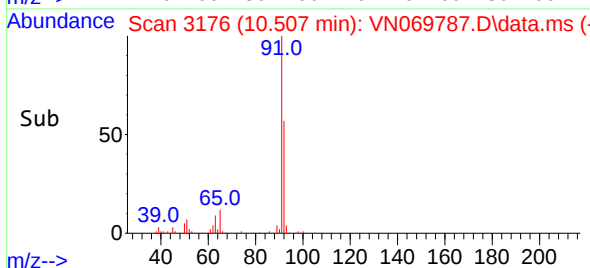
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

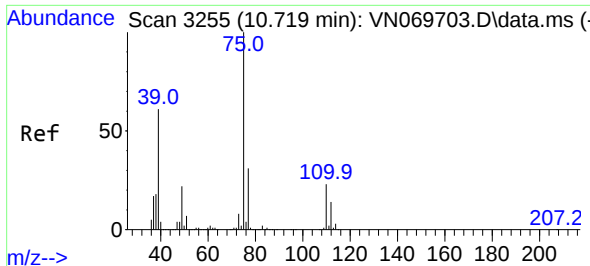


#52
Toluene
Concen: 20.032 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



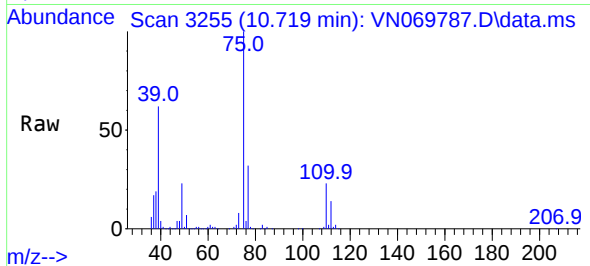
Tgt Ion: 92 Resp: 689473
Ion Ratio Lower Upper
92 100
91 174.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.364 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

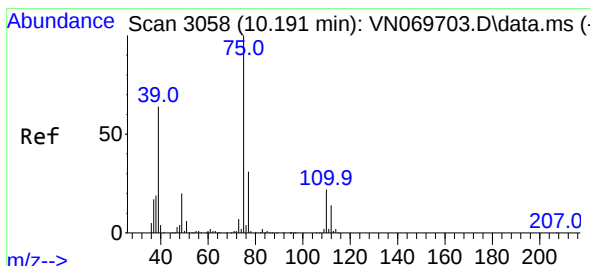
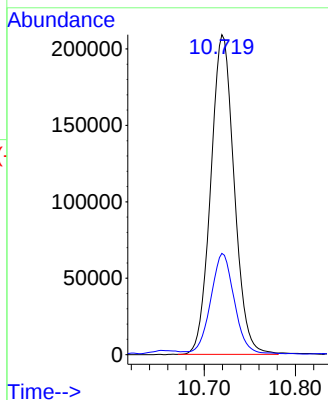
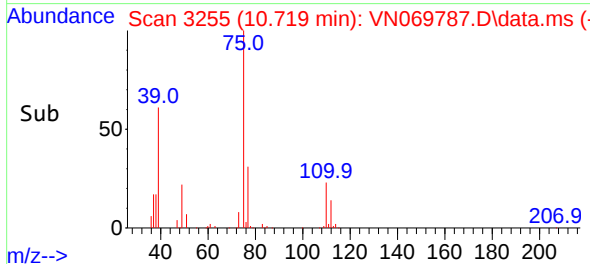
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



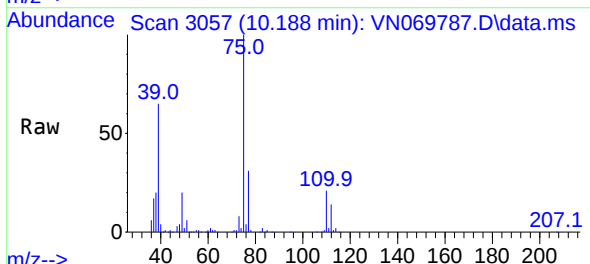
Tgt Ion: 75 Resp: 372910
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

Manual Integrations
APPROVED

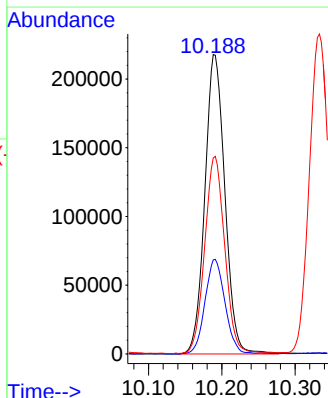
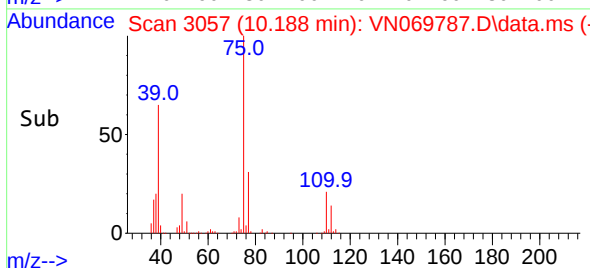
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

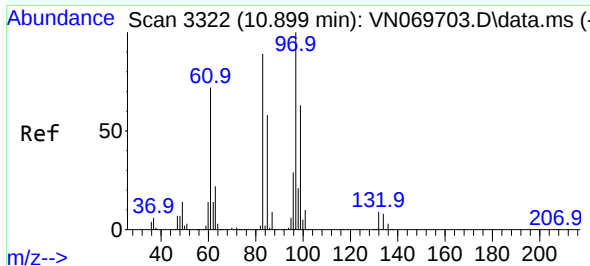


#54
cis-1,3-Dichloropropene
Concen: 18.746 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



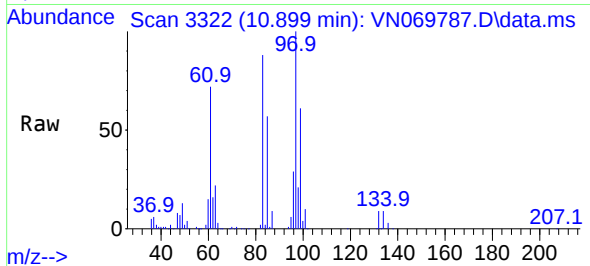
Tgt Ion: 75 Resp: 413990
Ion Ratio Lower Upper
75 100
77 31.4 26.4 39.6
39 65.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.714 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

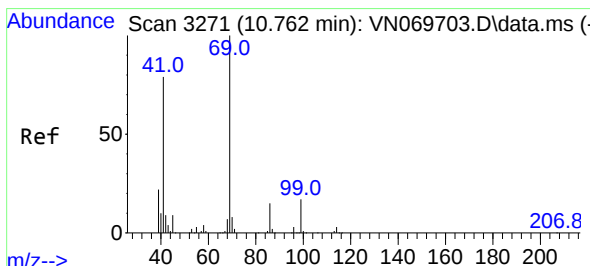
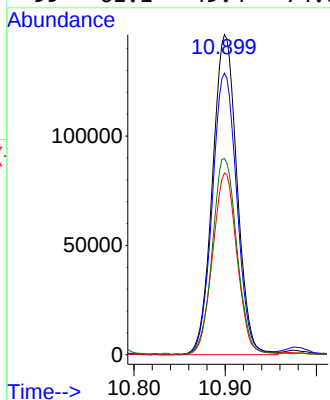
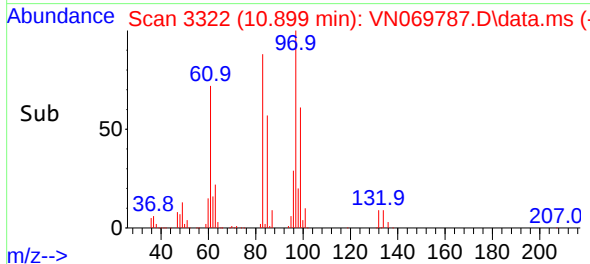
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



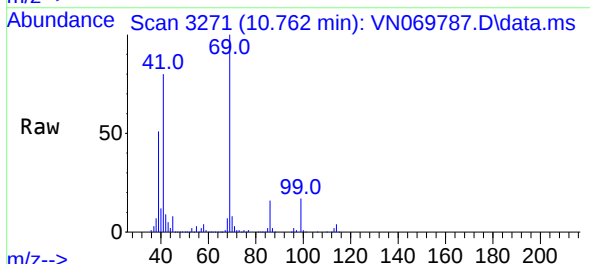
Tgt Ion: 97 Resp: 27376
Ion Ratio Lower Upper
97 100
83 87.8 67.8 101.6
85 56.7 45.4 68.2
99 61.1 49.4 74.0

Manual Integrations
APPROVED

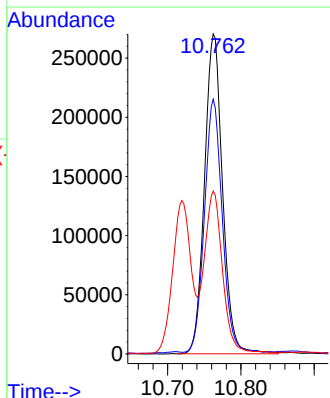
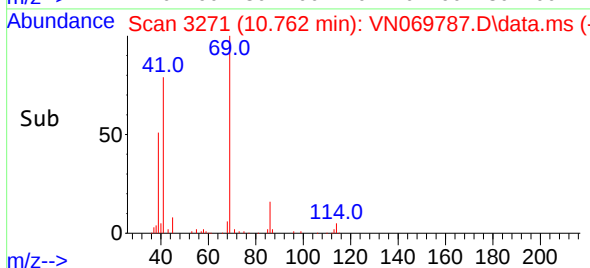
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

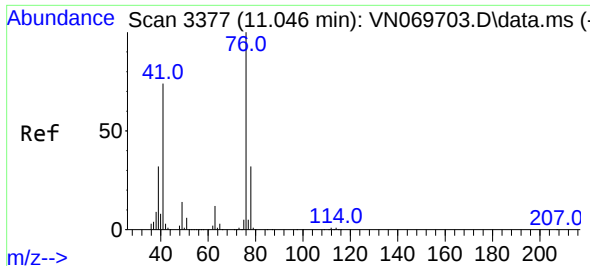


#56
Ethyl methacrylate
Concen: 19.166 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



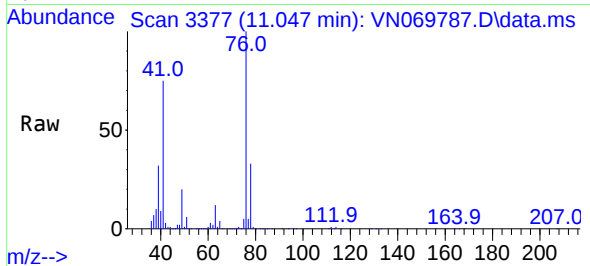
Tgt Ion: 69 Resp: 463610
Ion Ratio Lower Upper
69 100
41 77.9 51.4 77.0#
39 49.6 34.6 52.0





#57
1,3-Dichloropropane
Concen: 19.521 ug/l
RT: 11.047 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

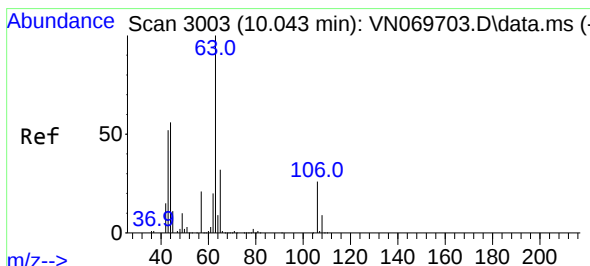
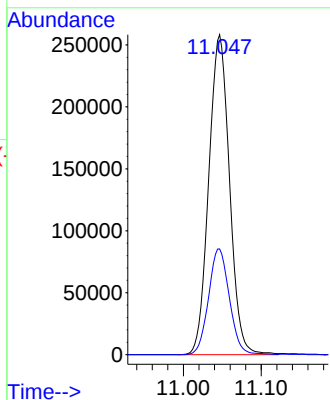
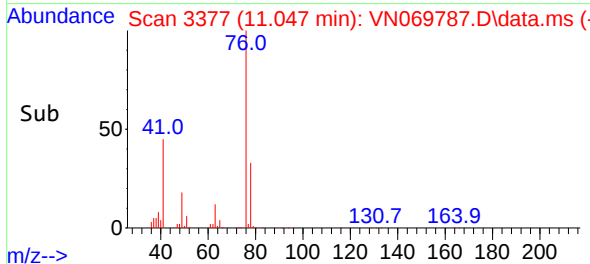
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



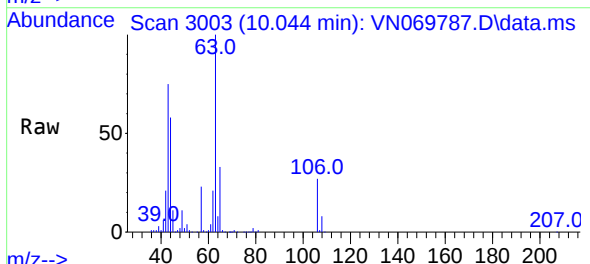
Tgt Ion: 76 Resp: 47732
Ion Ratio Lower Upper
76 100
78 33.3 25.7 38.5

Manual Integrations
APPROVED

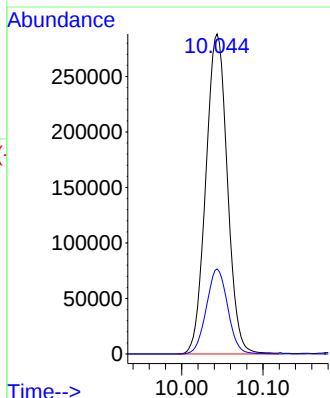
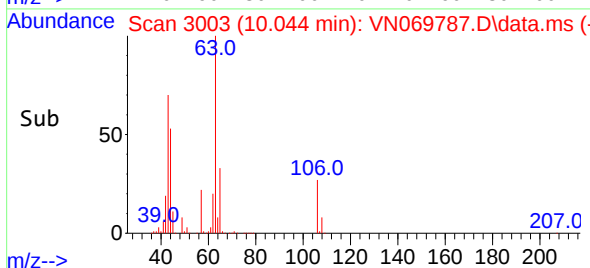
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

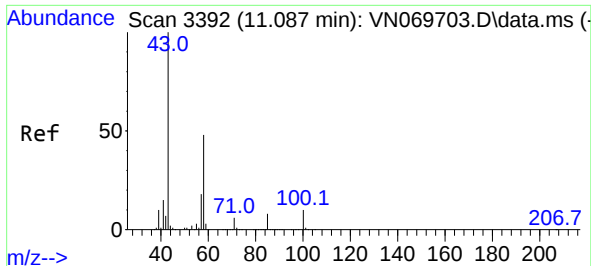


#58
2-Chloroethyl Vinyl ether
Concen: 87.885 ug/l
RT: 10.044 min Scan# 3003
Delta R.T. 0.001 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



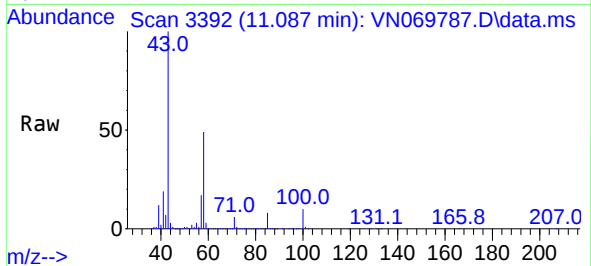
Tgt Ion: 63 Resp: 530790
Ion Ratio Lower Upper
63 100
106 26.4 23.9 35.9





#59
2-Hexanone
Concen: 101.473 ug/l
RT: 11.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

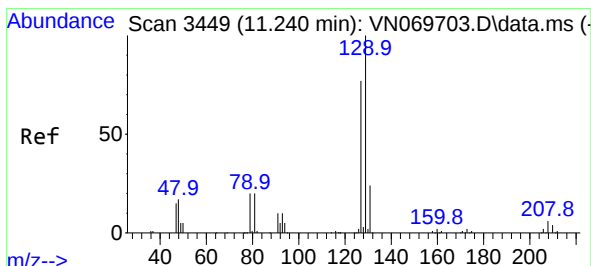
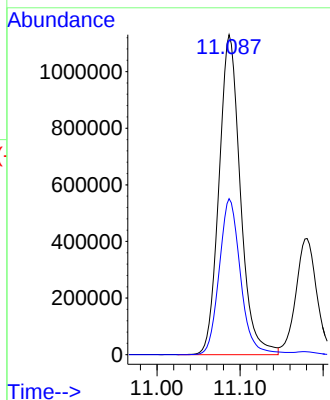
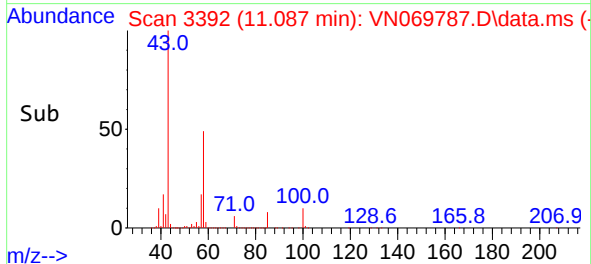
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



Tgt Ion: 43 Resp: 2022911
Ion Ratio Lower Upper
43 100
58 48.7 26.9 80.7

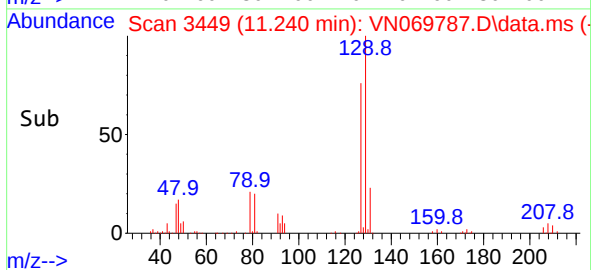
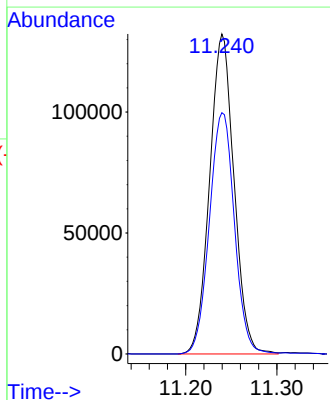
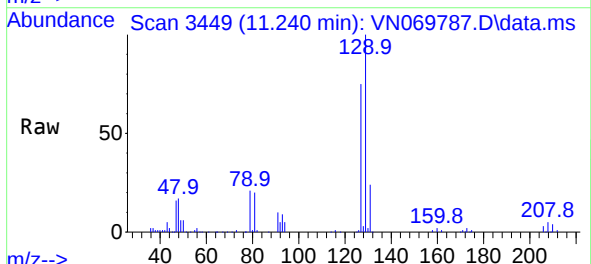
Manual Integrations
APPROVED

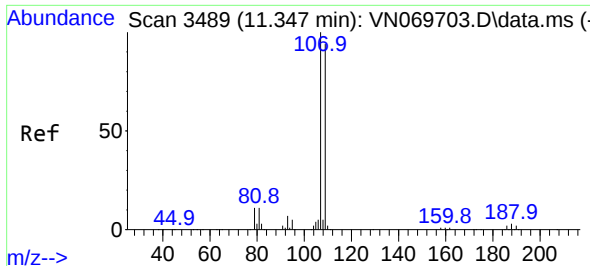
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#60
Dibromochloromethane
Concen: 18.095 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

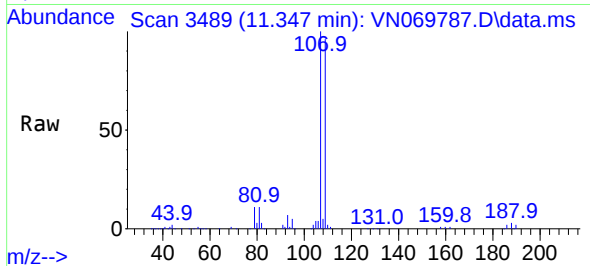
Tgt Ion:129 Resp: 245547
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.652 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

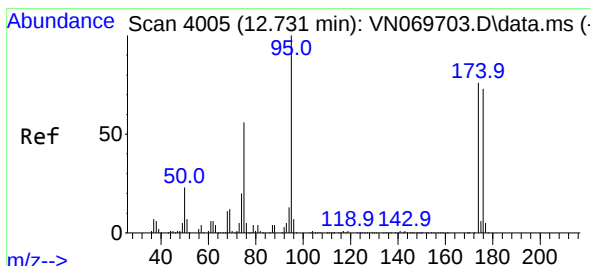
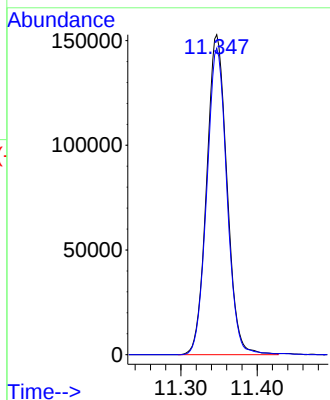
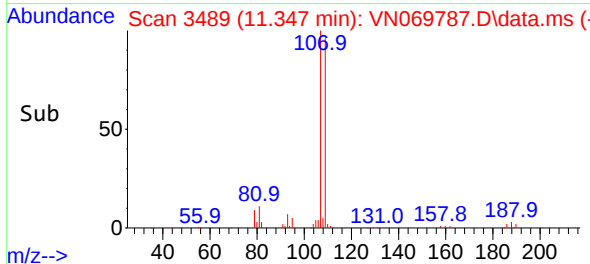
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



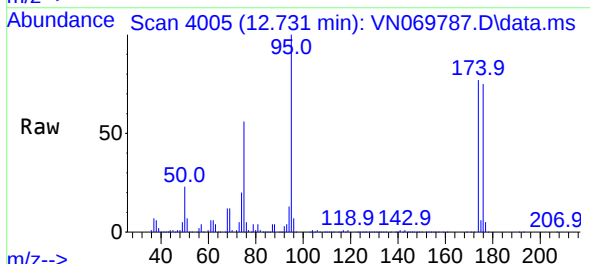
Tgt Ion:107 Resp: 282662
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

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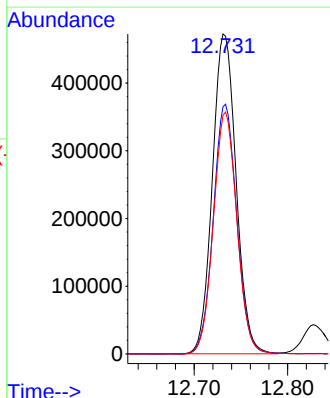
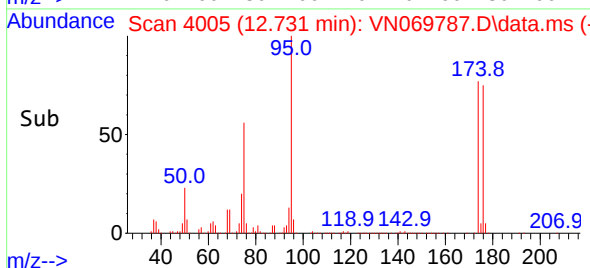
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

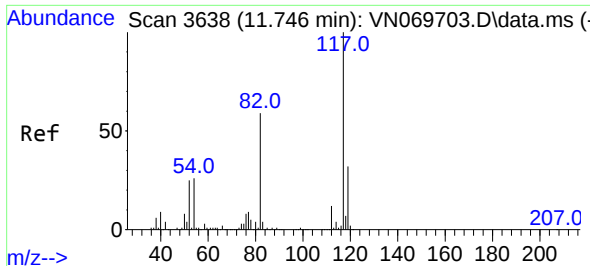


#62
4-Bromofluorobenzene
Concen: 47.167 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



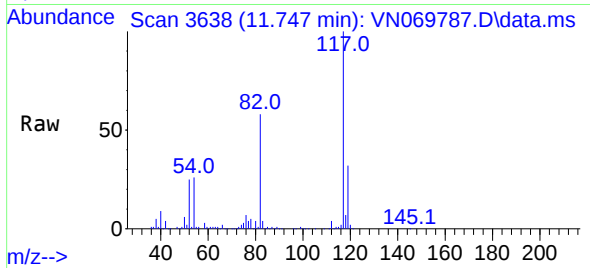
Tgt Ion: 95 Resp: 832660
Ion Ratio Lower Upper
95 100
174 77.5 0.0 187.2
176 75.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

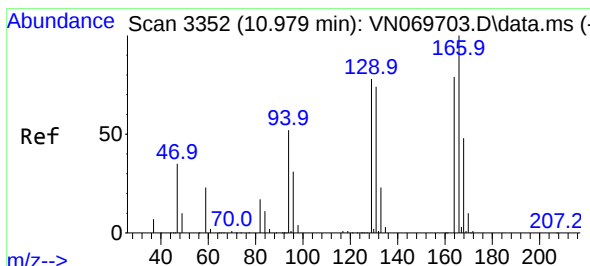
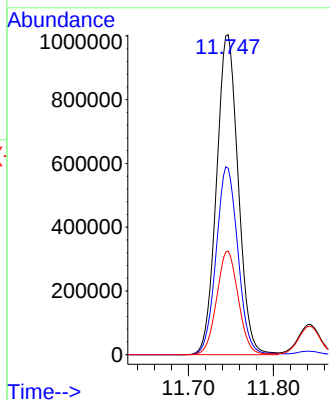
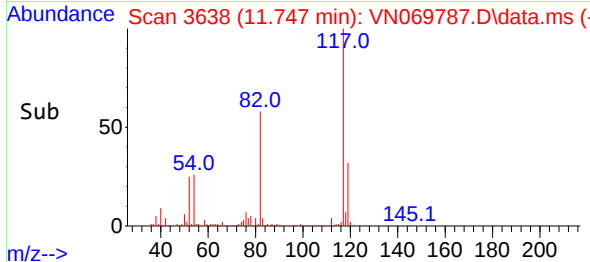
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



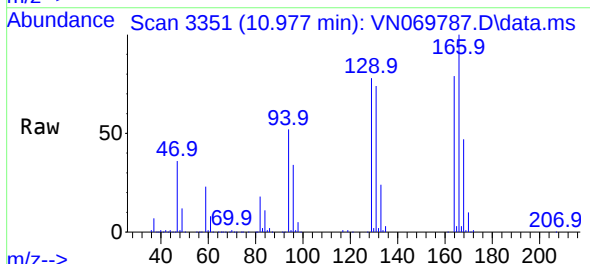
Tgt Ion:117 Resp: 178080
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
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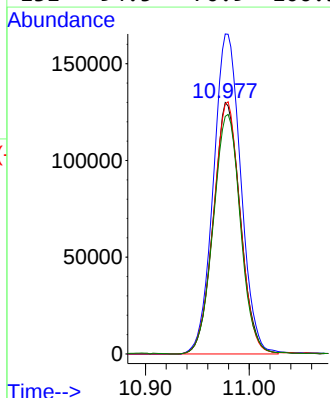
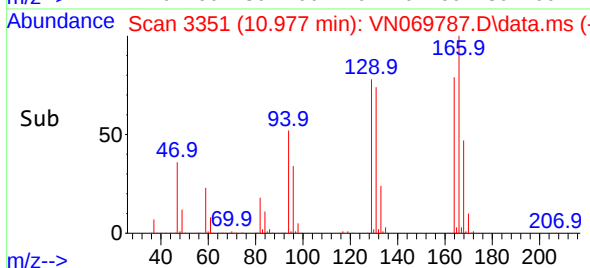
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#64
Tetrachloroethene
Concen: 19.417 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



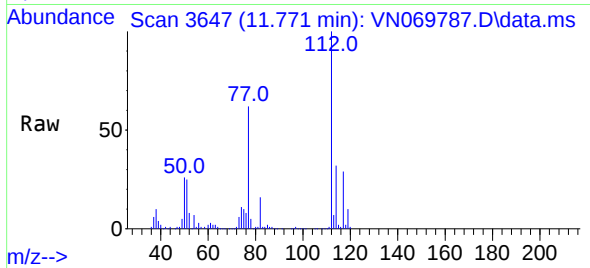
Tgt Ion:164 Resp: 234457
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 99.5 72.0 108.0
131 94.5 70.9 106.3





#65
Chlorobenzene
Concen: 19.697 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

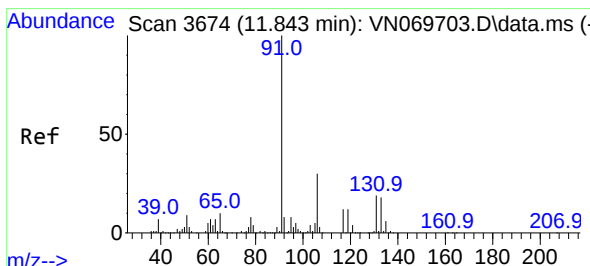
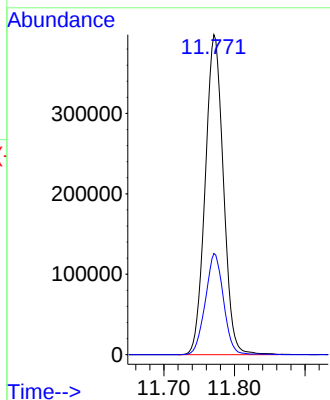
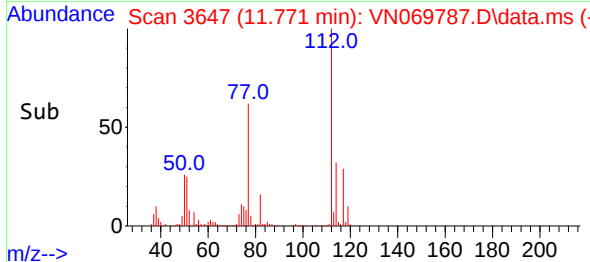
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



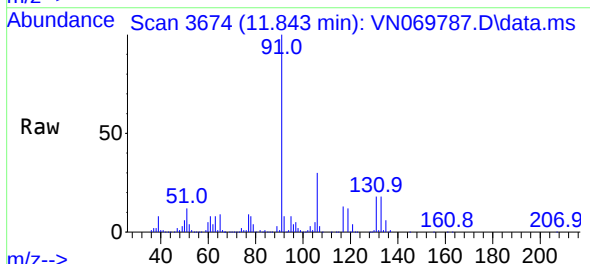
Tgt Ion:112 Resp: 711598
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.0

Manual Integrations
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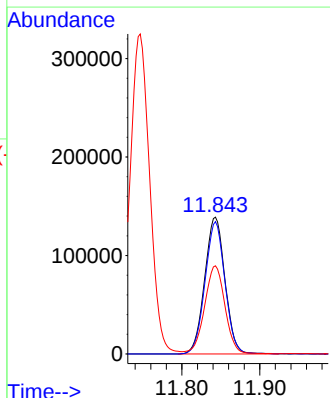
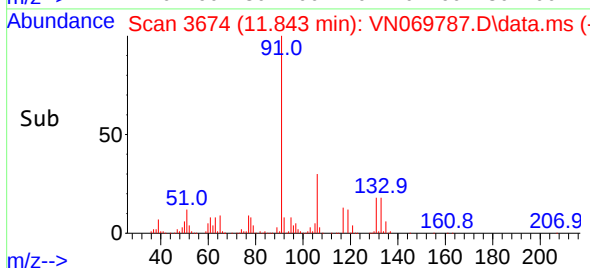
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

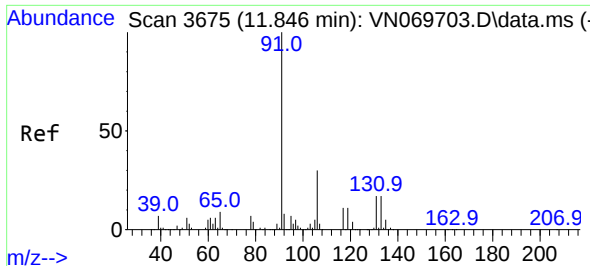


#66
1,1,1,2-Tetrachloroethane
Concen: 19.829 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



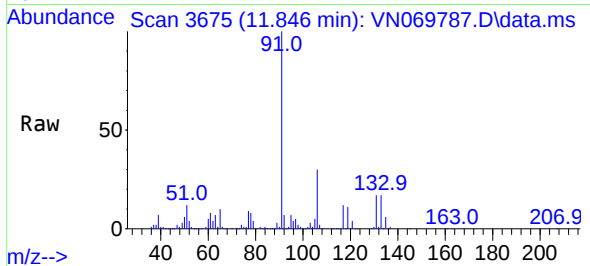
Tgt Ion:131 Resp: 252136
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 20.141 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

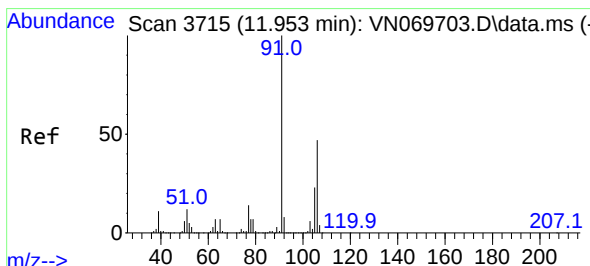
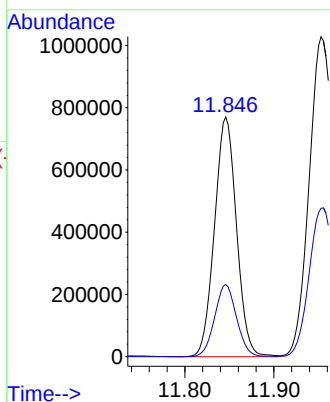
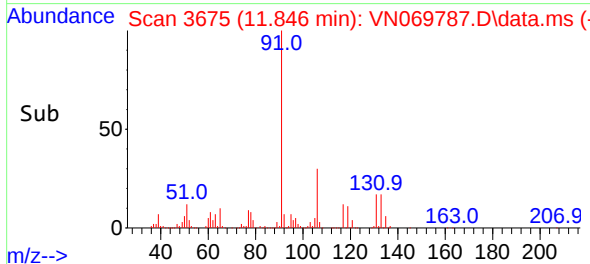
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



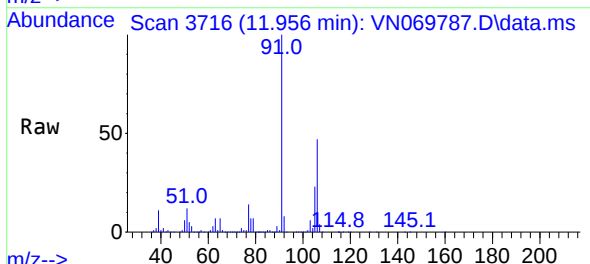
Tgt Ion: 91 Resp: 132175
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

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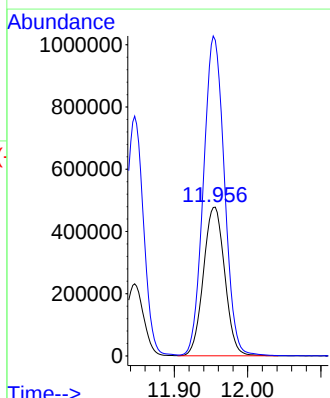
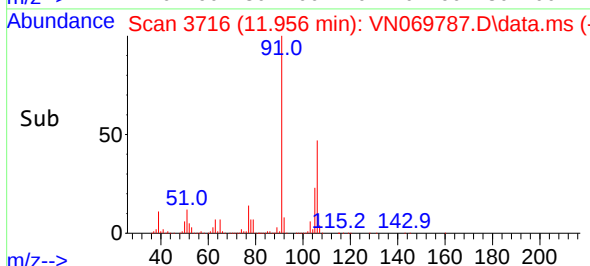
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

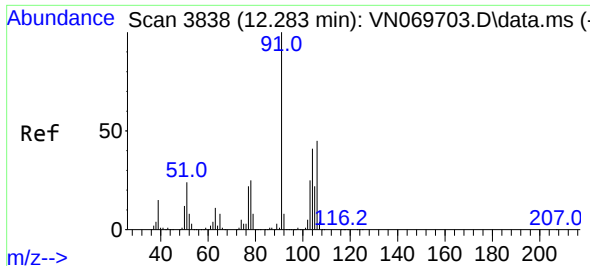


#68
m/p-Xylenes
Concen: 40.363 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



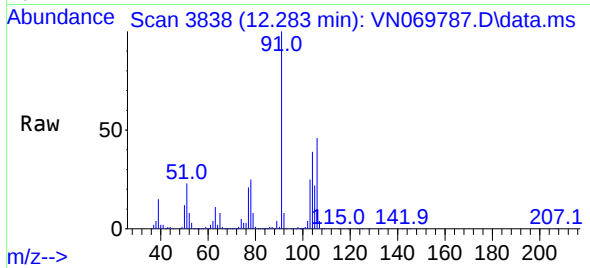
Tgt Ion:106 Resp: 964454
Ion Ratio Lower Upper
106 100
91 211.9 160.6 240.8





#69
o-Xylene
Concen: 20.271 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

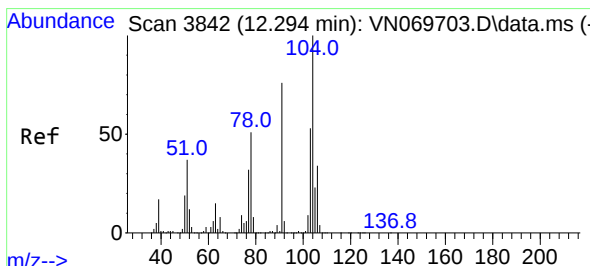
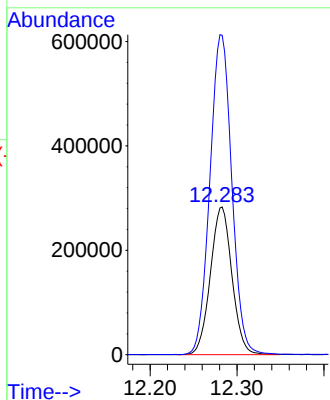
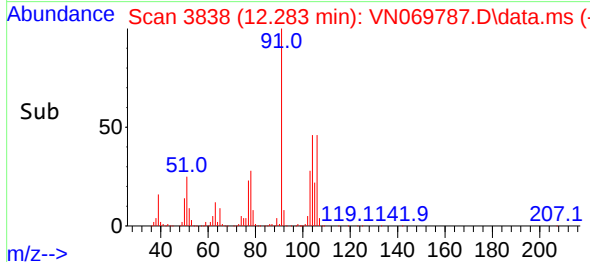
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



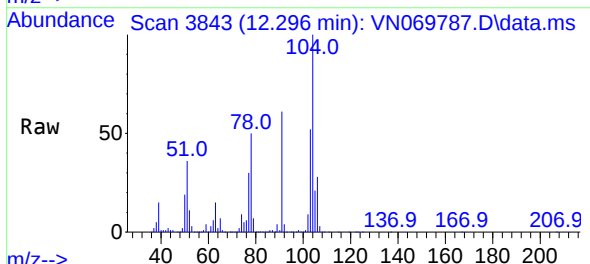
Tgt Ion:106 Resp: 487880
Ion Ratio Lower Upper
106 100
91 219.7 105.8 317.3

Manual Integrations
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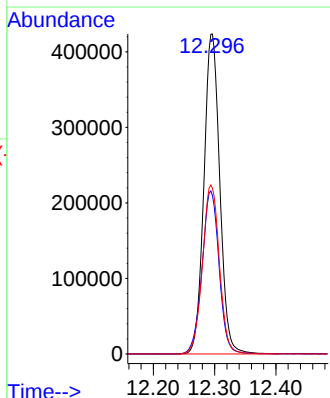
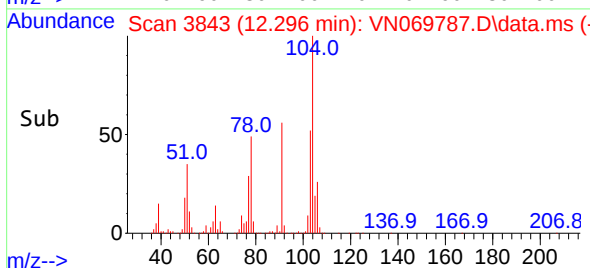
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

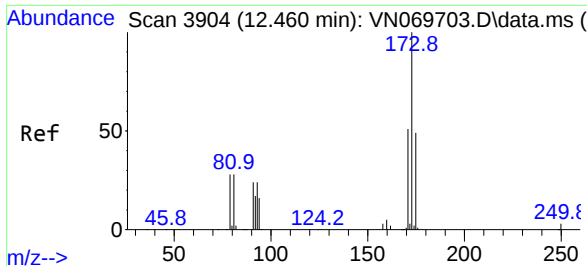


#70
Styrene
Concen: 20.019 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



Tgt Ion:104 Resp: 764029
Ion Ratio Lower Upper
104 100
78 54.5 38.7 58.1
103 56.3 45.0 67.6





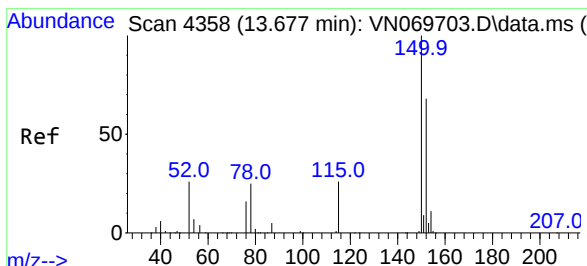
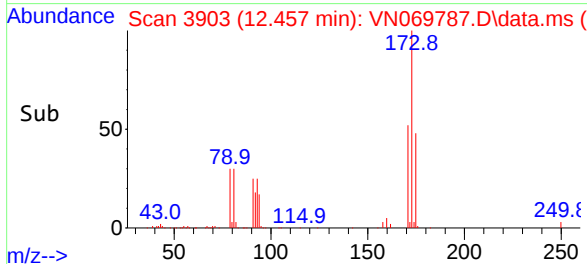
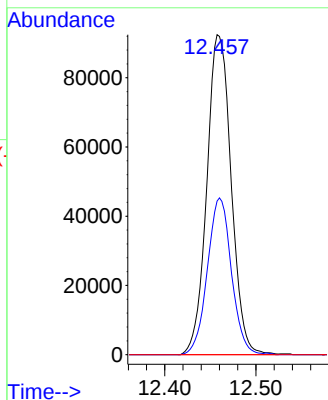
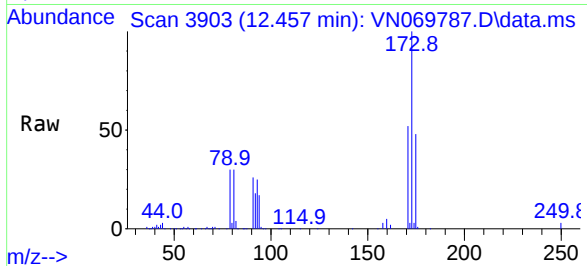
#71
Bromoform
Concen: 17.670 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01

Tgt Ion:173 Resp: 171850
Ion Ratio Lower Upper
173 100
175 48.3 24.2 72.6
254 0.0 0.0 0.0

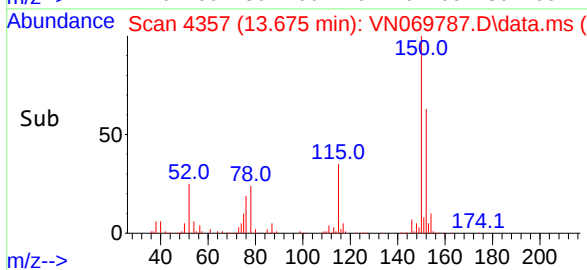
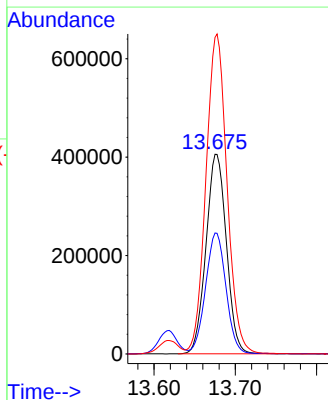
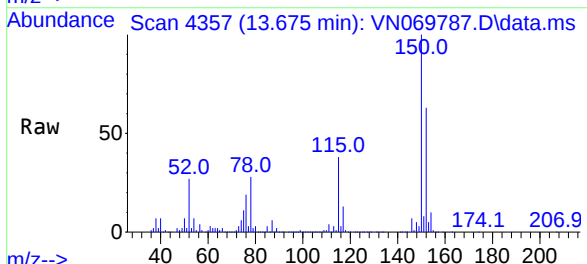
Manual Integrations
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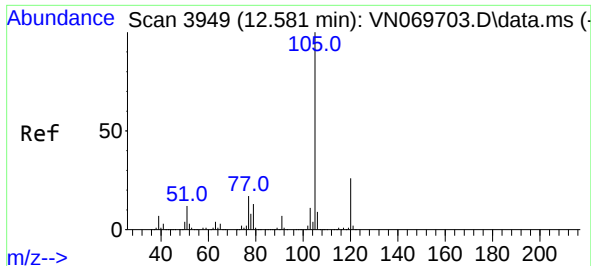
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

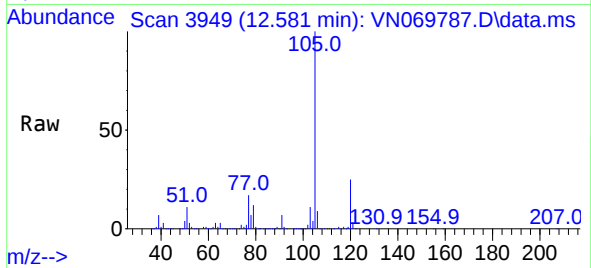
Tgt Ion:152 Resp: 706728
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 166.0 0.0 344.4





#73
Isopropylbenzene
Concen: 20.125 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

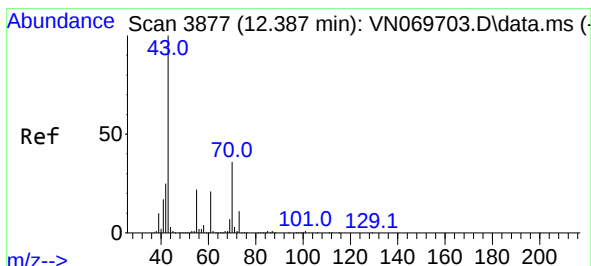
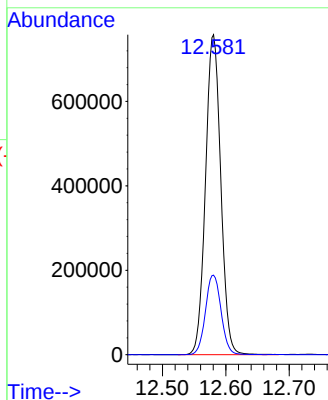
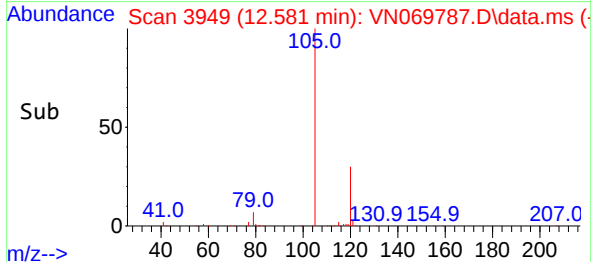
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



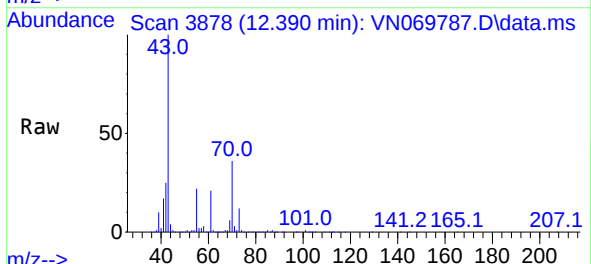
Tgt Ion:105 Resp: 1265410
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

Manual Integrations
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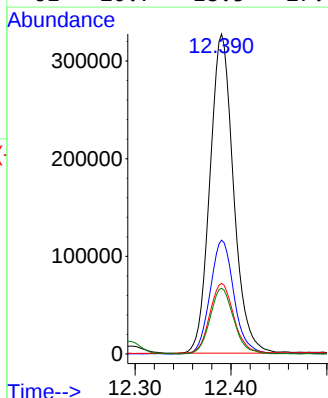
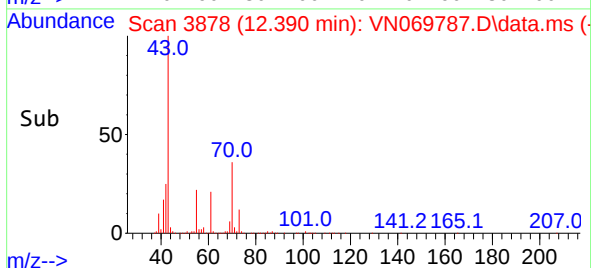
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

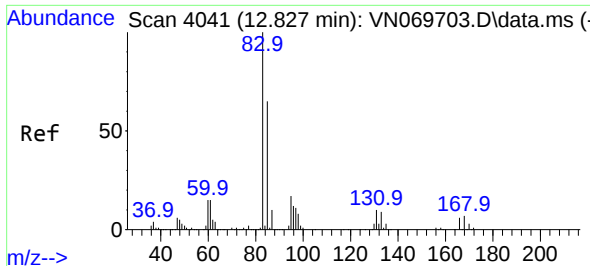


#74
N-ethyl acetate
Concen: 20.073 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



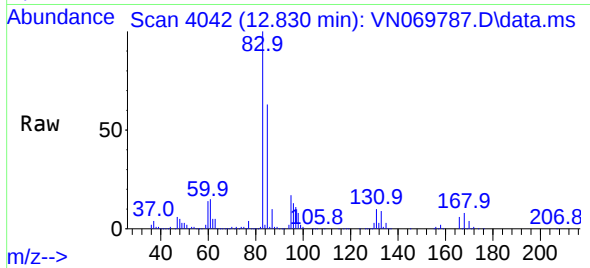
Tgt Ion: 43 Resp: 558181
Ion Ratio Lower Upper
43 100
70 36.2 33.4 50.0
55 22.5 19.3 28.9
61 20.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.239 ug/l
RT: 12.830 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

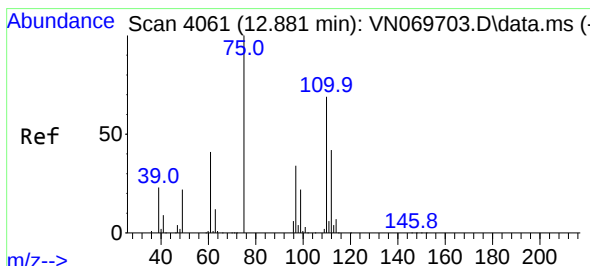
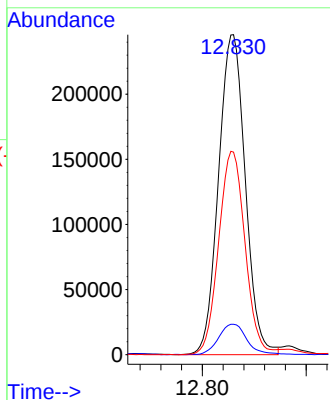
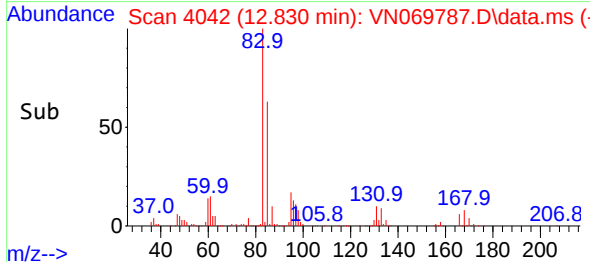
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



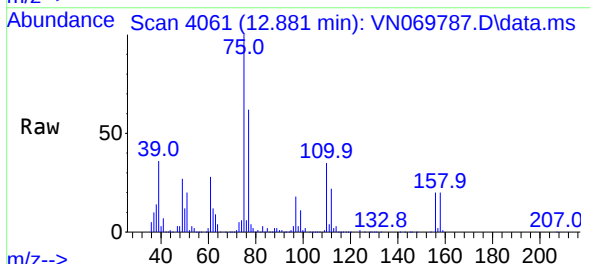
Tgt Ion: 83 Resp: 440059
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 62.6 32.4 97.2

Manual Integrations
APPROVED

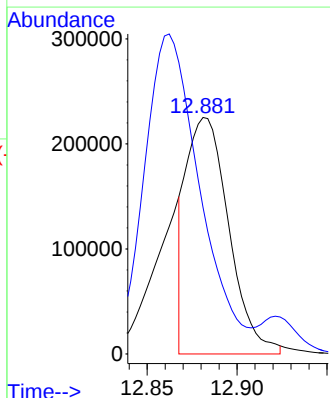
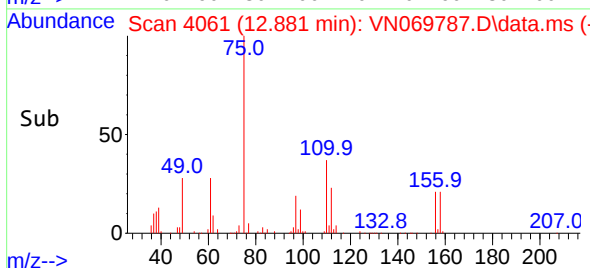
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

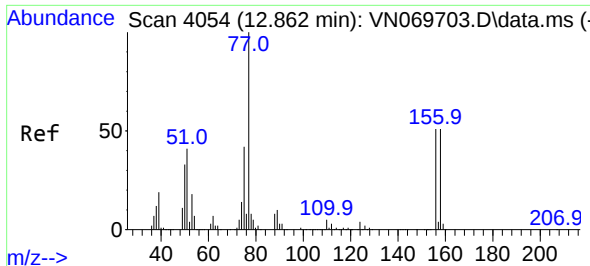


#76
1,2,3-Trichloropropane
Concen: 18.297 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



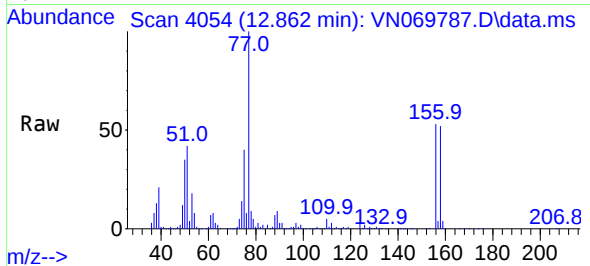
Tgt Ion: 75 Resp: 370824
Ion Ratio Lower Upper
75 100
77 177.2 82.6 247.8





#77
Bromobenzene
Concen: 19.684 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

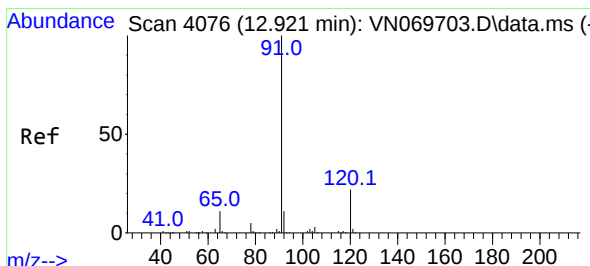
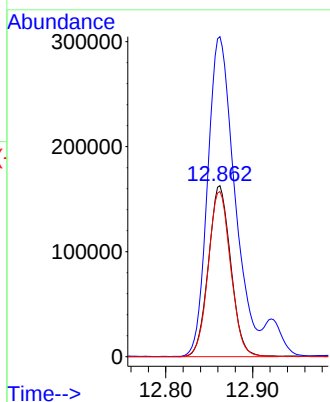
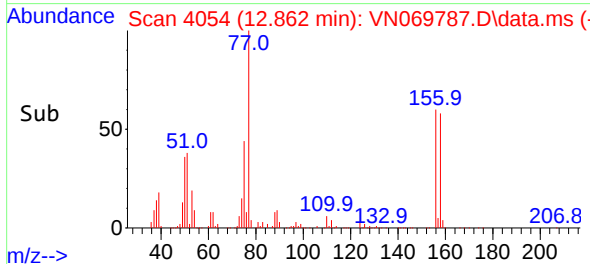
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



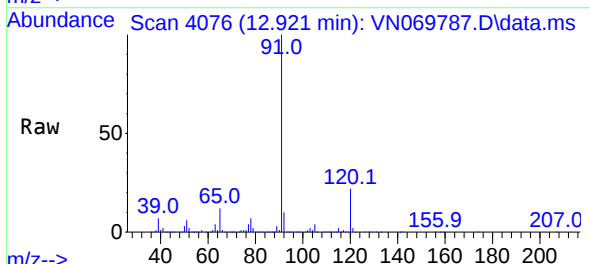
Tgt Ion:156 Resp: 290719
Ion Ratio Lower Upper
156 100
77 226.0 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
APPROVED

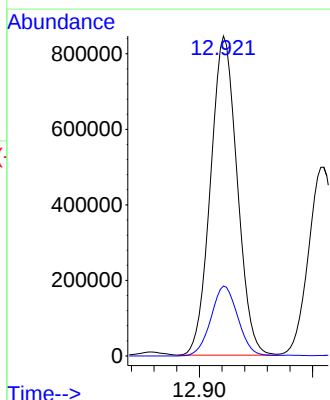
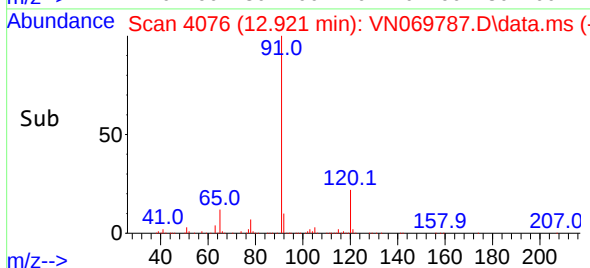
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

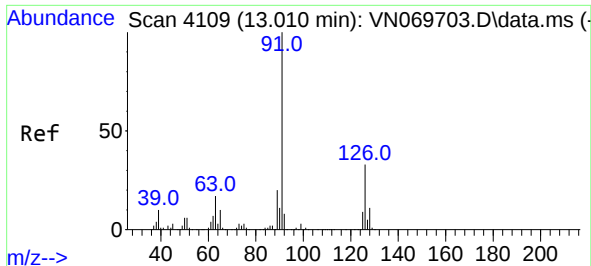


#78
n-propylbenzene
Concen: 19.719 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



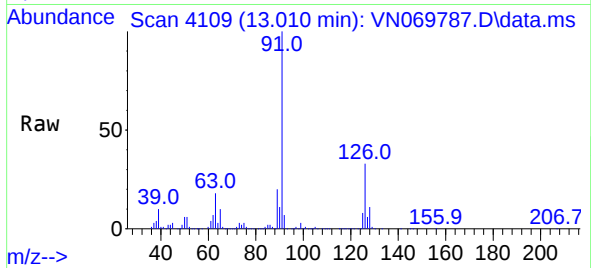
Tgt Ion: 91 Resp: 1379749
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





#79
2-Chlorotoluene
Concen: 19.586 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

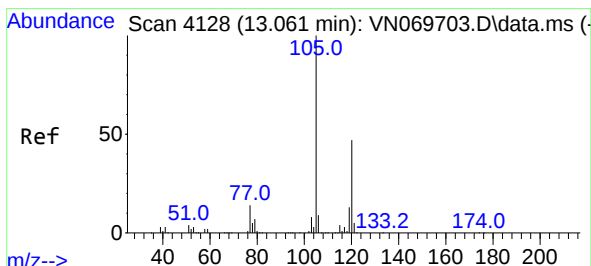
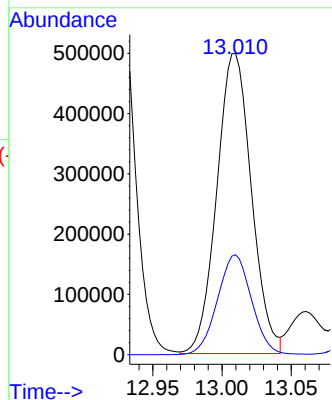
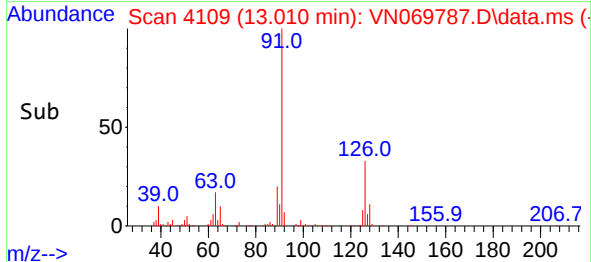
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



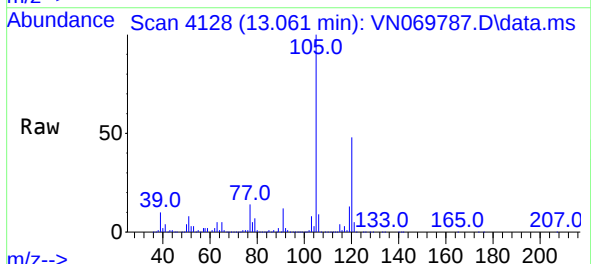
Tgt Ion: 91 Resp: 865944
Ion Ratio Lower Upper
91 100
126 32.9 18.3 54.8

Manual Integrations
APPROVED

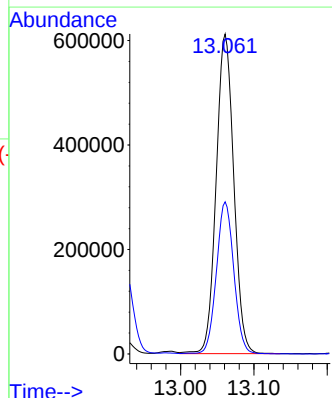
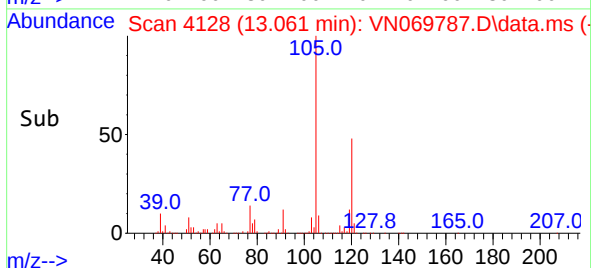
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

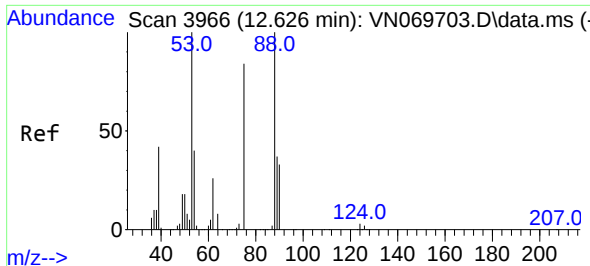


#80
1,3,5-Trimethylbenzene
Concen: 20.165 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



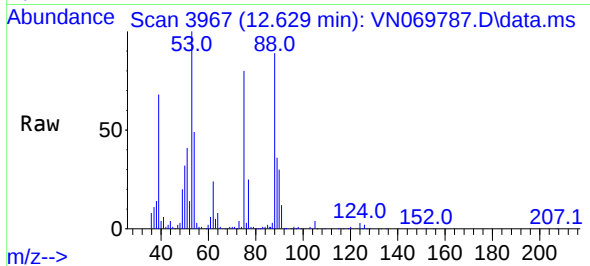
Tgt Ion:105 Resp: 1020535
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.082 ug/l
RT: 12.629 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

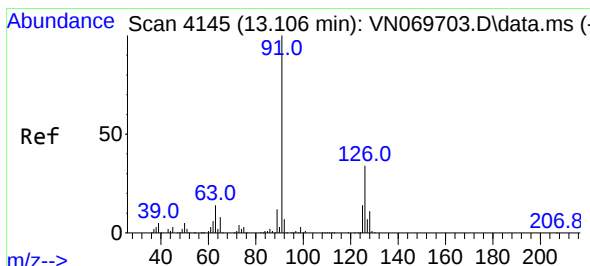
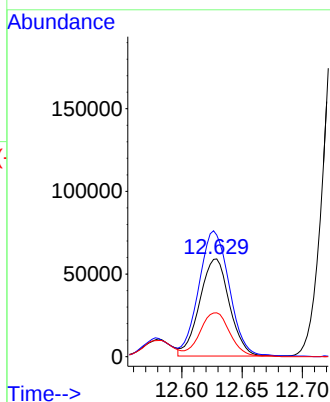
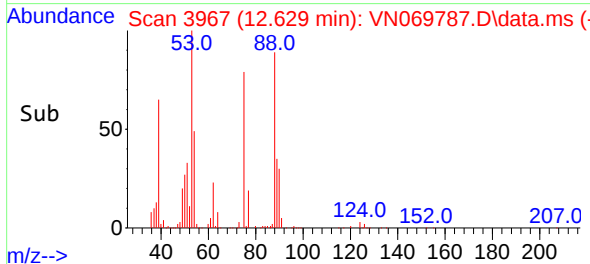
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



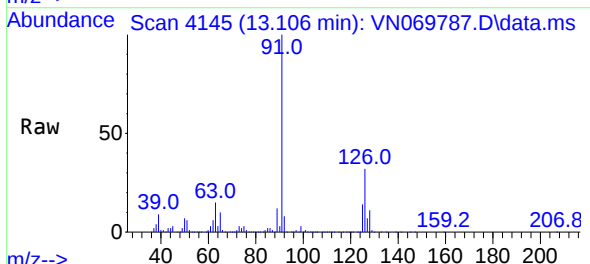
Tgt Ion: 75 Resp: 101239
Ion Ratio Lower Upper
75 100
53 132.1 90.5 135.7
89 45.4 38.2 57.4

Manual Integrations
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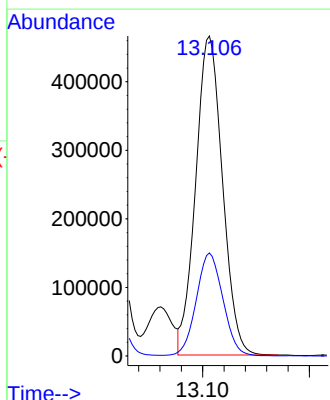
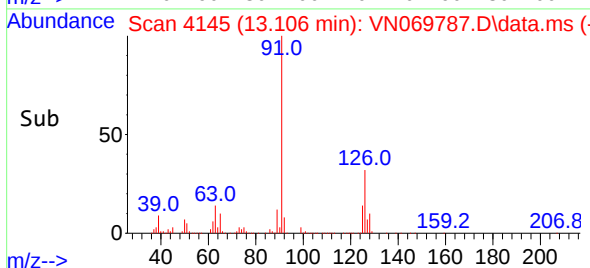
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#82
4-Chlorotoluene
Concen: 19.474 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



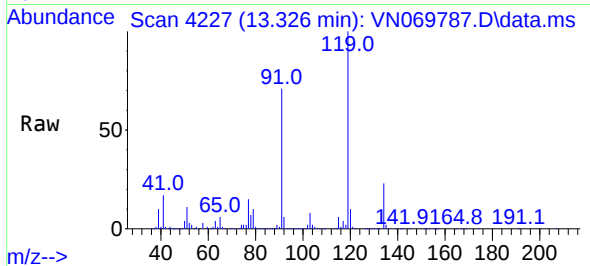
Tgt Ion: 91 Resp: 809689
Ion Ratio Lower Upper
91 100
126 32.1 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.908 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

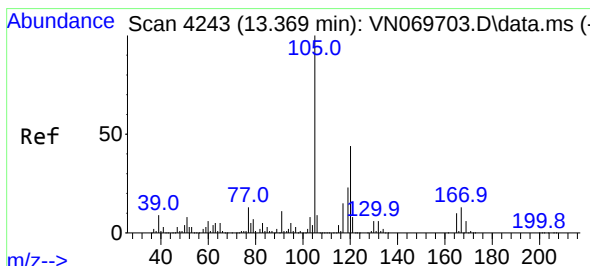
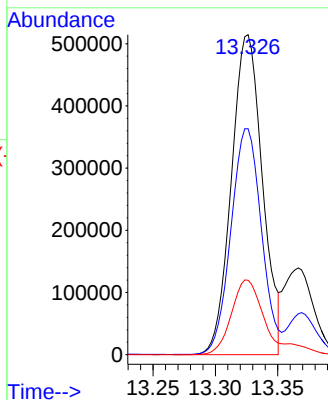
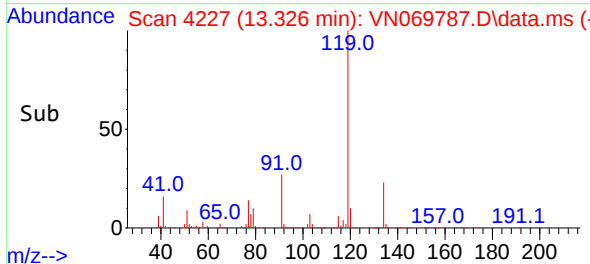
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



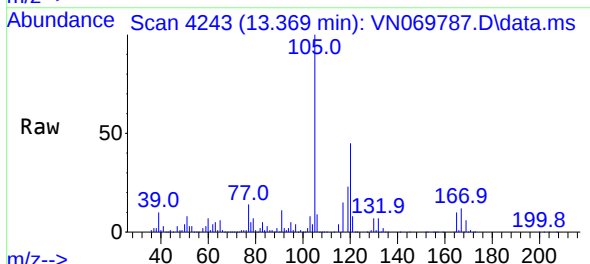
Tgt Ion:119 Resp: 89214
Ion Ratio Lower Upper
119 100
91 69.6 31.5 94.5
134 26.0 12.4 37.4

Manual Integrations
APPROVED

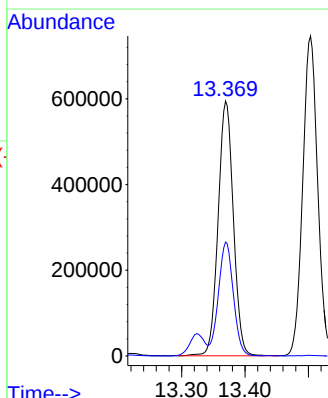
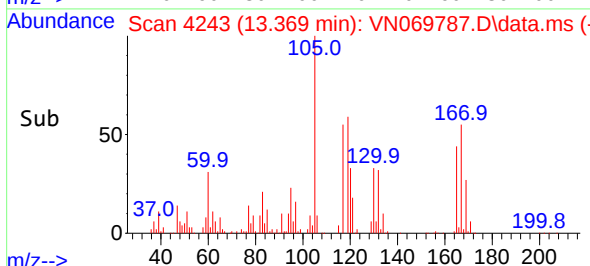
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

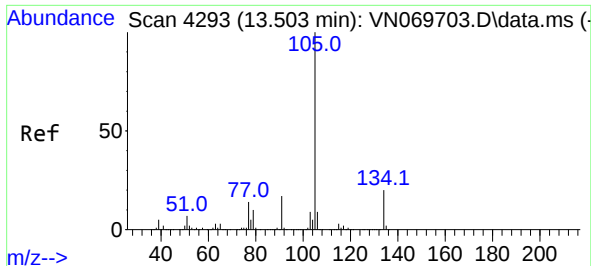


#84
1,2,4-Trimethylbenzene
Concen: 20.608 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



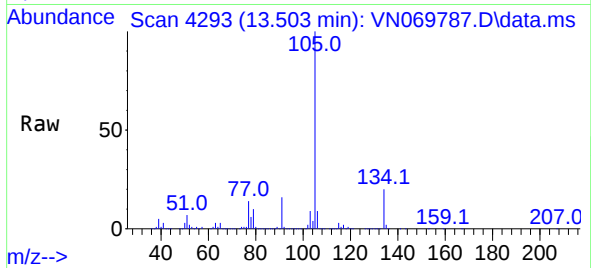
Tgt Ion:105 Resp: 993263
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 19.965 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069787.D
 Acq: 6 Dec 2021 16:44

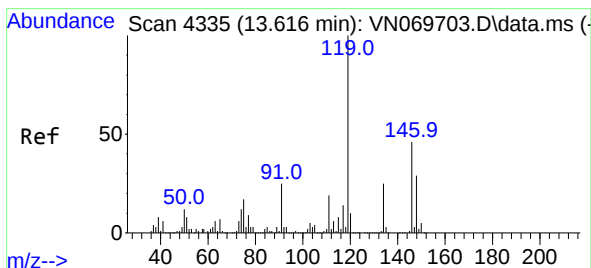
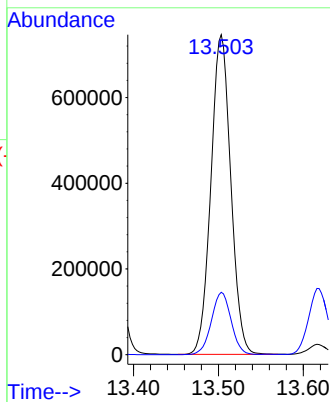
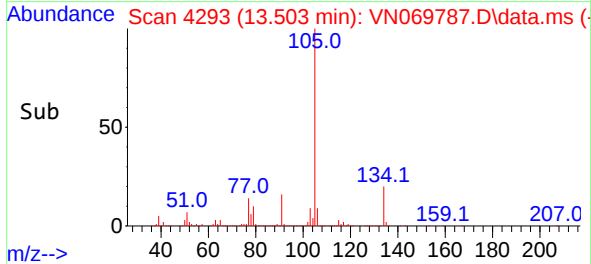
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBSD01



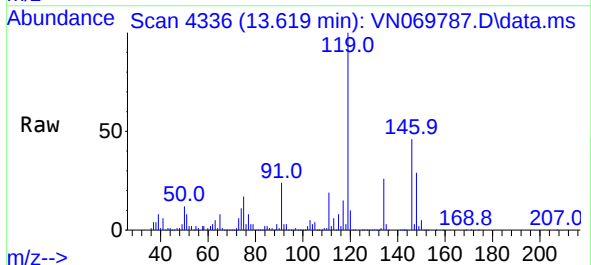
Tgt Ion:105 Resp: 121362
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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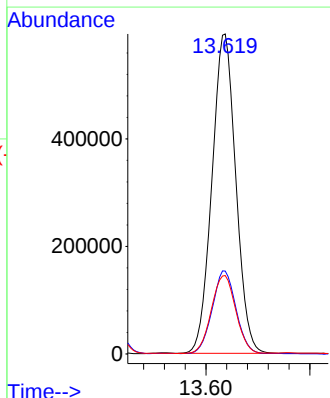
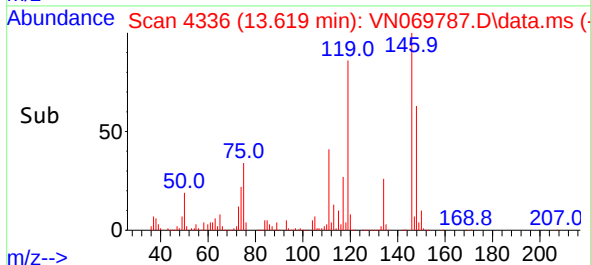
Reviewed By :John Carlone 12/07/2021
 Supervised By :Mahesh Dadoda 12/10/2021

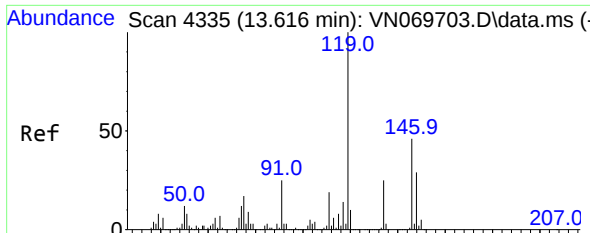


#86
 p-Isopropyltoluene
 Concen: 19.912 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN069787.D
 Acq: 6 Dec 2021 16:44



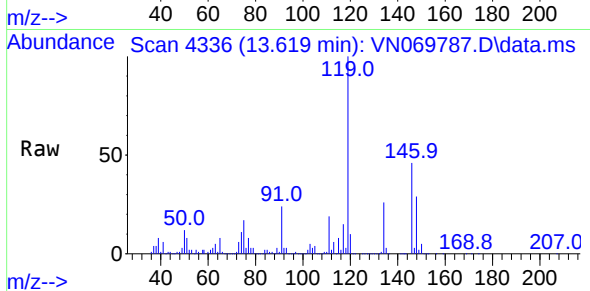
Tgt Ion:119 Resp: 946112
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.757 ug/l
RT: 13.619 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

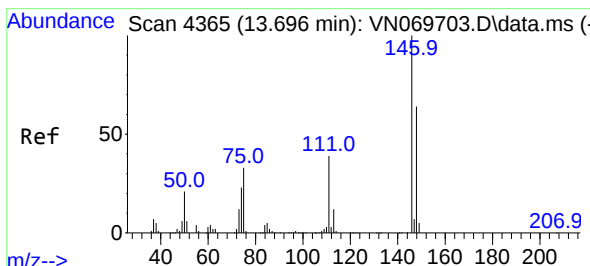
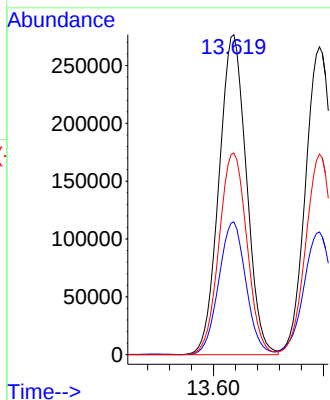
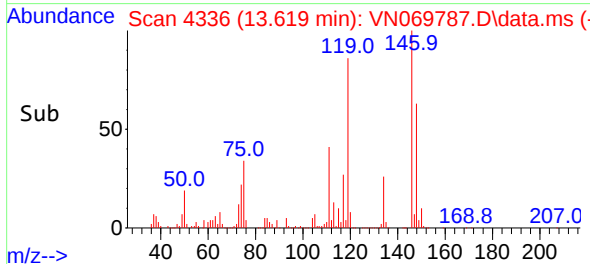
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



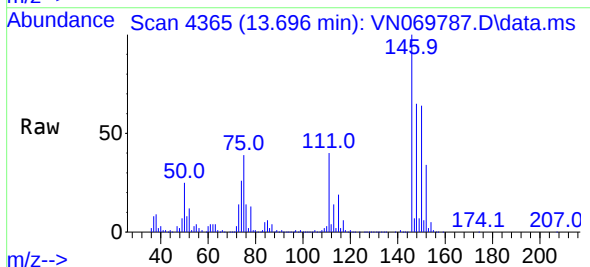
Tgt Ion:146 Resp: 479372
Ion Ratio Lower Upper
146 100
111 41.1 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
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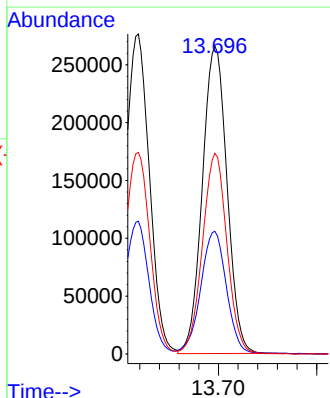
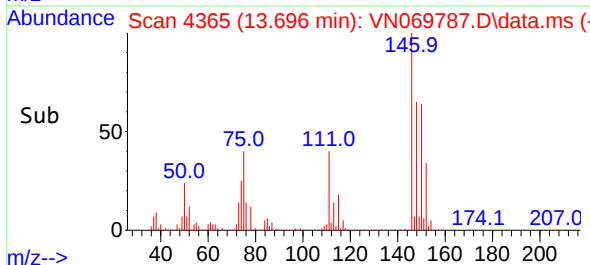
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#88
1,4-Dichlorobenzene
Concen: 19.474 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



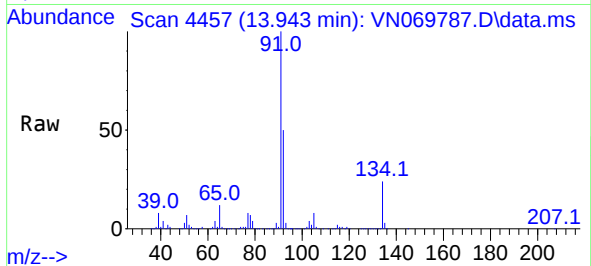
Tgt Ion:146 Resp: 464358
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 65.0 31.8 95.4





#89
n-Butylbenzene
Concen: 19.366 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

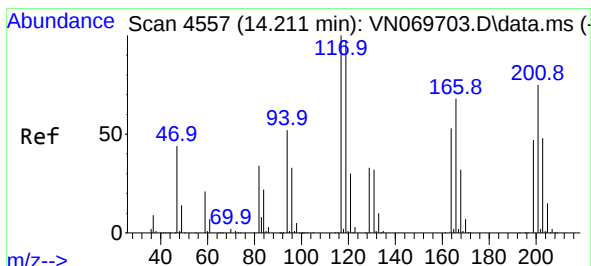
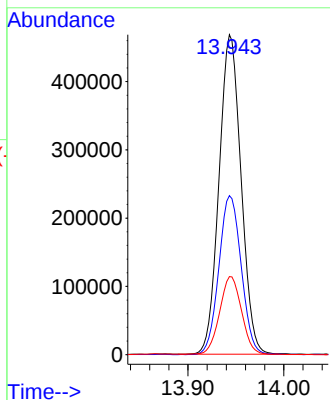
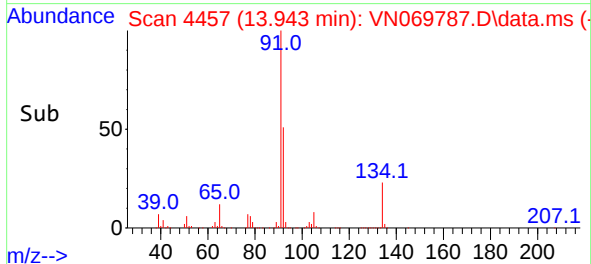
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



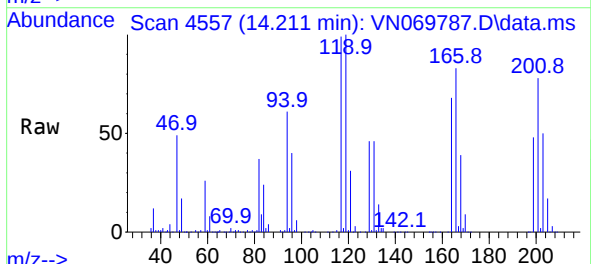
Tgt Ion: 91 Resp: 746404
Ion Ratio Lower Upper
91 100
92 50.6 25.4 76.0
134 24.4 13.6 40.8

Manual Integrations
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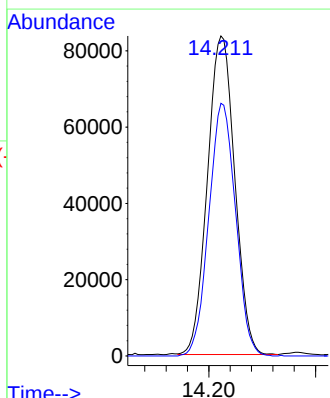
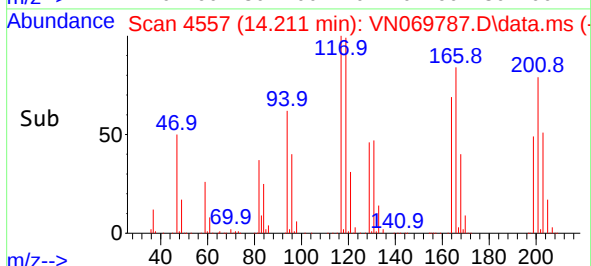
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

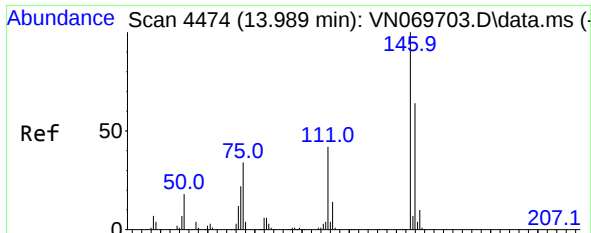


#90
Hexachloroethane
Concen: 17.820 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



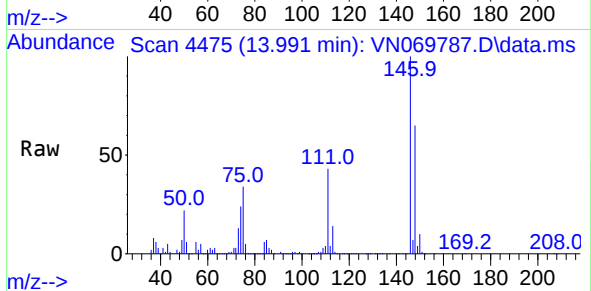
Tgt Ion:117 Resp: 148650
Ion Ratio Lower Upper
117 100
201 77.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.820 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

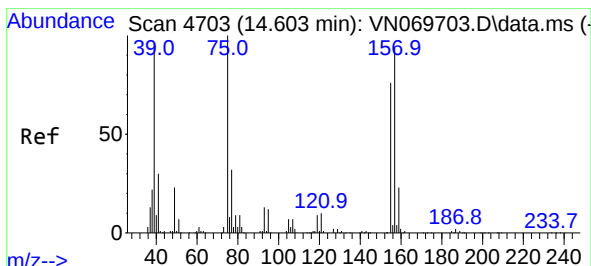
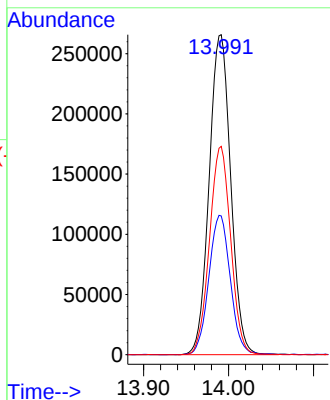
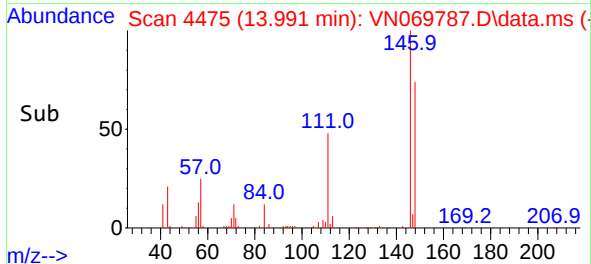
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



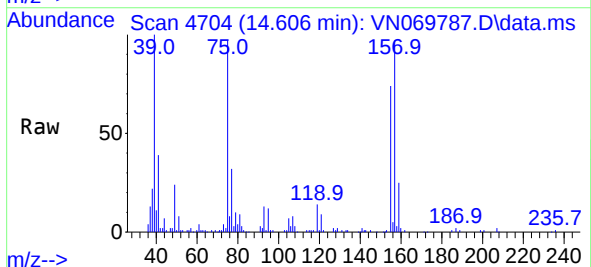
Tgt Ion:146 Resp: 46857
Ion Ratio Lower Upper
146 100
111 43.6 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
APPROVED

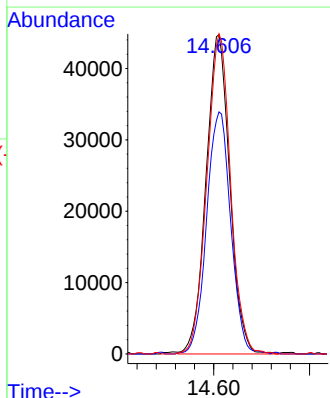
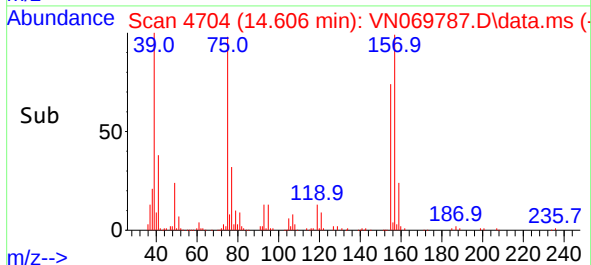
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

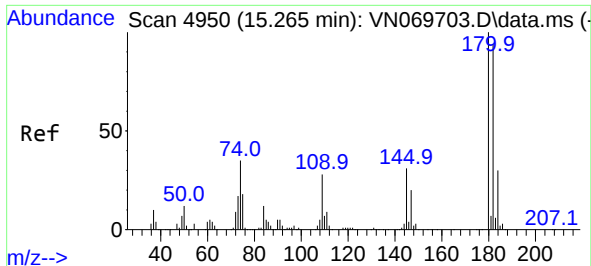


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.598 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



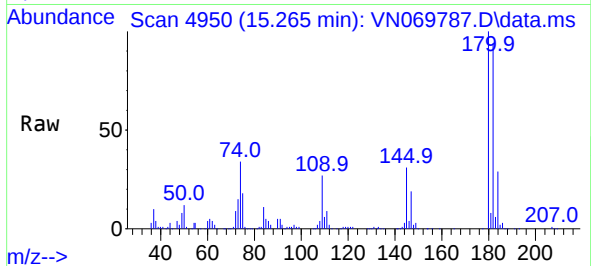
Tgt Ion: 75 Resp: 77002
Ion Ratio Lower Upper
75 100
155 76.9 46.9 140.7
157 100.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.757 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

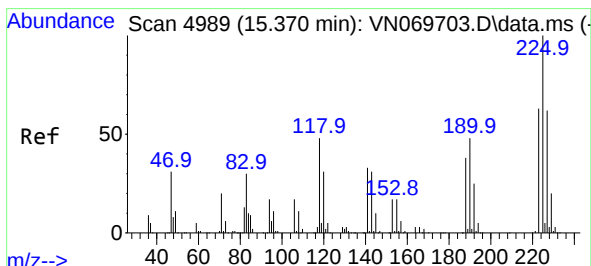
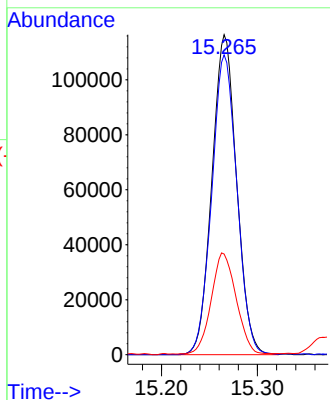
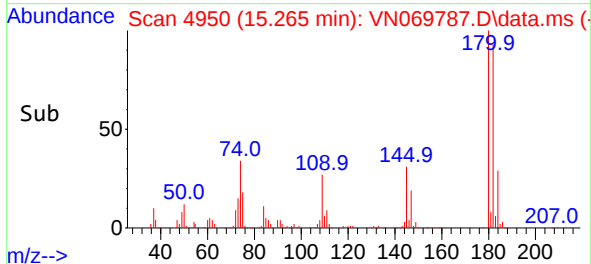
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



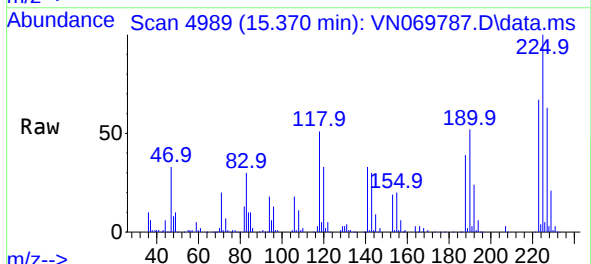
Tgt Ion:180 Resp: 20766
Ion Ratio Lower Upper
180 100
182 95.7 48.3 144.9
145 31.9 14.5 43.5

Manual Integrations
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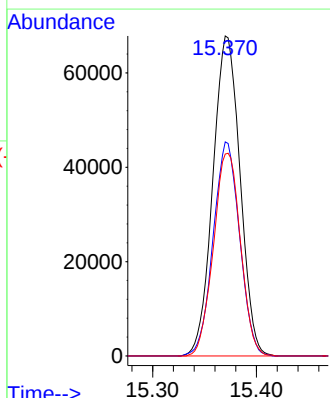
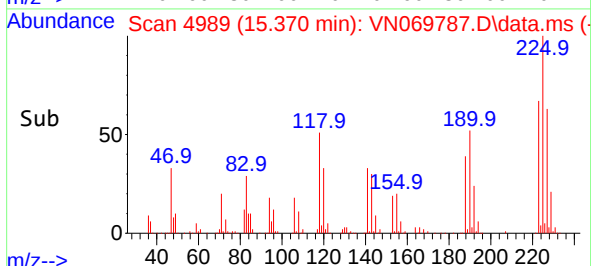
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

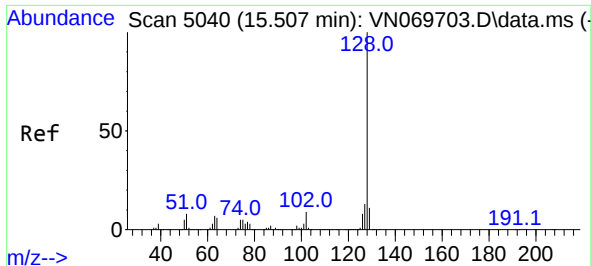


#94
Hexachlorobutadiene
Concen: 19.678 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



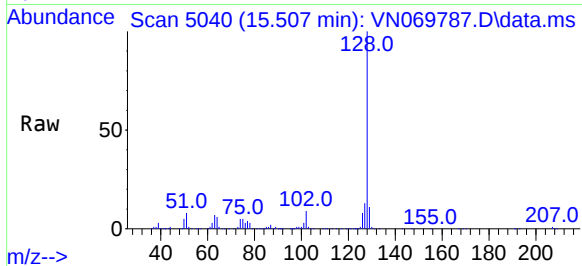
Tgt Ion:225 Resp: 123291
Ion Ratio Lower Upper
225 100
223 65.1 31.9 95.7
227 63.1 32.1 96.3





#95
Naphthalene
Concen: 21.416 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44

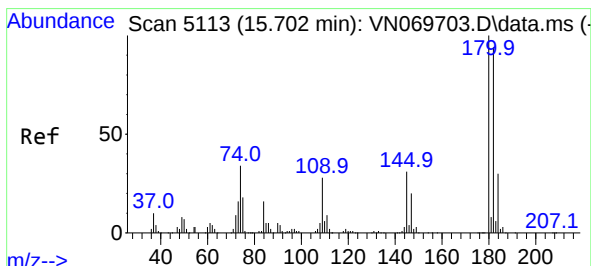
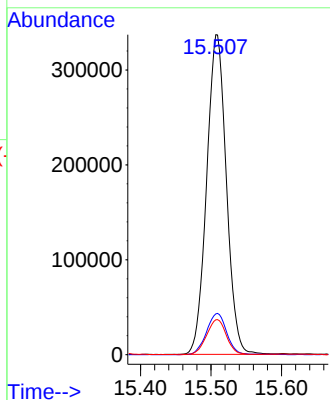
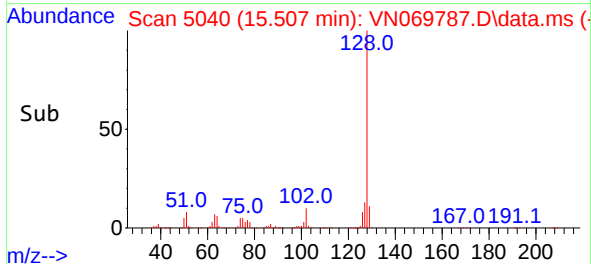
Instrument :
MSVOA_N
ClientSampleId :
VN1206WBSD01



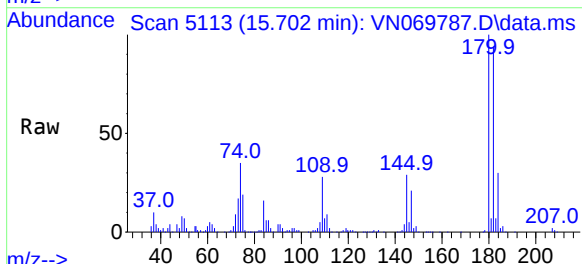
Tgt Ion:128 Resp: 654170
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#96
1,2,3-Trichlorobenzene
Concen: 20.140 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069787.D
Acq: 6 Dec 2021 16:44



Tgt Ion:180 Resp: 210312
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.2
145 32.6 15.0 45.1

