

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111921\
 Data File : VN069592.D
 Acq On : 19 Nov 2021 18:13
 Operator : JC/MD
 Sample : VN1119WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 22 05:08:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1037720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1712123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1549316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	621573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	710533	47.223	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.440%		
35) Dibromofluoromethane	8.021	113	495205	48.225	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.460%		
50) Toluene-d8	10.440	98	1868587	46.268	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.540%		
62) 4-Bromofluorobenzene	12.731	95	631094	42.537	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	85.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	165301	14.910	ug/l	99
3) Chloromethane	2.303	50	196664	15.296	ug/l	100
4) Vinyl Chloride	2.446	62	193615	15.040	ug/l	97
5) Bromomethane	2.859	94	122893	14.698	ug/l	98
6) Chloroethane	3.022	64	124569	14.335	ug/l	98
7) Trichlorofluoromethane	3.376	101	289508	14.551	ug/l	96
8) Diethyl Ether	3.827	74	109625	17.029	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.208	101	158636	16.926	ug/l	94
10) Methyl Iodide	4.417	142	178349	15.515	ug/l	97
11) Tert butyl alcohol	5.382	59	221981	81.873	ug/l #	81
12) 1,1-Dichloroethene	4.181	96	139562	16.593	ug/l	88
13) Acrolein	4.044	56	42722	107.503	ug/l	100
14) Allyl chloride	4.841	41	299838	16.124	ug/l	95
15) Acrylonitrile	5.559	53	637106	91.760	ug/l	99
16) Acetone	4.291	43	636671	78.425	ug/l	97
17) Carbon Disulfide	4.527	76	240755	12.110	ug/l	99
18) Methyl Acetate	4.857	43	465758	17.649	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	622501	17.489	ug/l	98
20) Methylene Chloride	5.095	84	189044	16.422	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	148704	15.829	ug/l	89
22) Diisopropyl ether	6.498	45	714833	17.846	ug/l	97
23) Vinyl Acetate	6.436	43	2695458	87.004	ug/l	96
24) 1,1-Dichloroethane	6.388	63	350259	17.167	ug/l	98
25) 2-Butanone	7.340	43	944671	85.936	ug/l	91
26) 2,2-Dichloropropane	7.329	77	243274	15.240	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	196251	16.852	ug/l	86
28) Bromochloromethane	7.659	49	189350	18.123	ug/l #	80
29) Tetrahydrofuran	7.689	42	619399	91.818	ug/l	89
30) Chloroform	7.817	83	369905	17.685	ug/l	99
31) Cyclohexane	8.094	56	318620	15.500	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	296410	16.978	ug/l	96
36) 1,1-Dichloropropene	8.220	75	240025	16.661	ug/l	97
37) Ethyl Acetate	7.415	43	371202	19.061	ug/l	95
38) Carbon Tetrachloride	8.206	117	241104	17.335	ug/l	99
39) Methylcyclohexane	9.462	83	273039	15.235	ug/l	91
40) Benzene	8.461	78	779141	17.522	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	181586	18.046	ug/l	90
42) 1,2-Dichloroethane	8.531	62	321636	18.472	ug/l	97
43) Isopropyl Acetate	8.563	43	569445	18.205	ug/l #	93
44) Trichloroethene	9.217	130	180114	16.924	ug/l	92
45) 1,2-Dichloropropane	9.491	63	216859	18.253	ug/l	99
46) Dibromomethane	9.577	93	142551	17.914	ug/l	91
47) Bromodichloromethane	9.762	83	261741	17.626	ug/l	98
48) Methyl methacrylate	9.561	41	255987	17.394	ug/l	90
49) 1,4-Dioxane	9.569	88	86949	325.543	ug/l	86
51) 4-Methyl-2-Pentanone	10.331	43	1901811	94.194	ug/l	96
52) Toluene	10.505	92	480400	17.341	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	255972	15.918	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	288426	16.205	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	205733	18.423	ug/l	98
56) Ethyl methacrylate	10.762	69	320538	16.659	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	355448	18.114	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	353931	82.220	ug/l	92
59) 2-Hexanone	11.087	43	1332989	83.650	ug/l	93
60) Dibromochloromethane	11.237	129	181304	16.494	ug/l	100
61) 1,2-Dibromoethane	11.347	107	202505	16.970	ug/l	98
64) Tetrachloroethene	10.977	164	160735	17.182	ug/l	92
65) Chlorobenzene	11.771	112	514670	17.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	189763	18.971	ug/l	99
67) Ethyl Benzene	11.846	91	930731	17.499	ug/l	96
68) m/p-Xylenes	11.953	106	675453	34.530	ug/l	95
69) o-Xylene	12.280	106	337681	17.316	ug/l	91
70) Styrene	12.294	104	538321	16.427	ug/l	96
71) Bromoform	12.457	173	122468	16.562	ug/l #	99
73) Isopropylbenzene	12.578	105	895760	18.100	ug/l	99
74) N-amyl acetate	12.390	43	362106	17.265	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	328631	19.688	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	282661m	19.705	ug/l	
77) Bromobenzene	12.862	156	206435	18.239	ug/l	79
78) n-propylbenzene	12.921	91	973411	17.480	ug/l	96
79) 2-Chlorotoluene	13.007	91	626430	18.168	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	721763	18.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	62980	17.344	ug/l #	82
82) 4-Chlorotoluene	13.106	91	571180	17.377	ug/l	93
83) tert-Butylbenzene	13.324	119	645913	18.423	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	699406	18.108	ug/l	99
85) sec-Butylbenzene	13.503	105	861683	17.594	ug/l	98
86) p-Isopropyltoluene	13.616	119	668353	17.190	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	339086	17.280	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	327385	17.006	ug/l	96
89) n-Butylbenzene	13.943	91	486959	15.019	ug/l	97
90) Hexachloroethane	14.209	117	110364	16.938	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	348553	18.667	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	50845	17.592	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	126135	15.203	ug/l	97
94) Hexachlorobutadiene	15.370	225	85819	17.688	ug/l	99
95) Naphthalene	15.507	128	321542	15.067	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	125006	15.684	ug/l	98

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MSVOA_N
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VN1119WBSD01

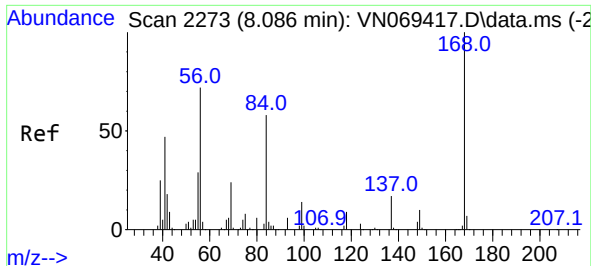
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

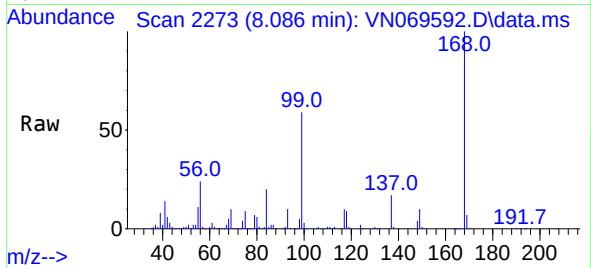
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
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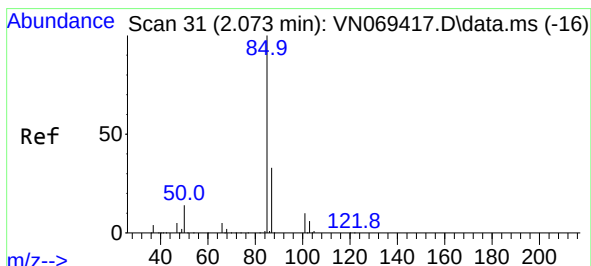
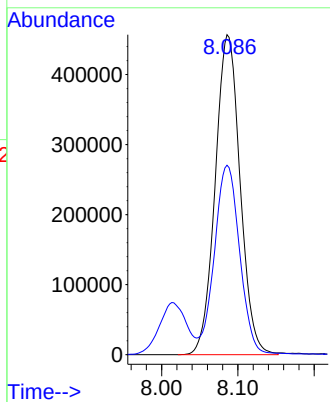
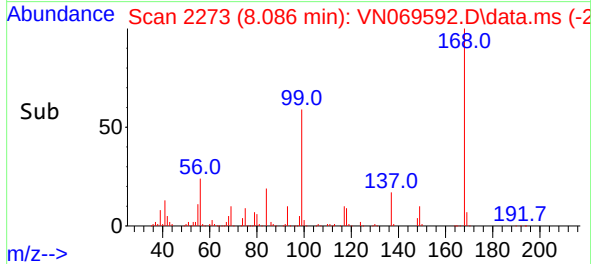
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion:168 Resp: 1037720
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9

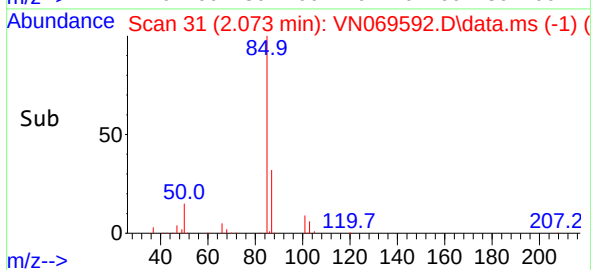
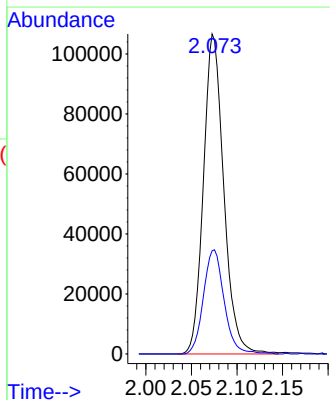
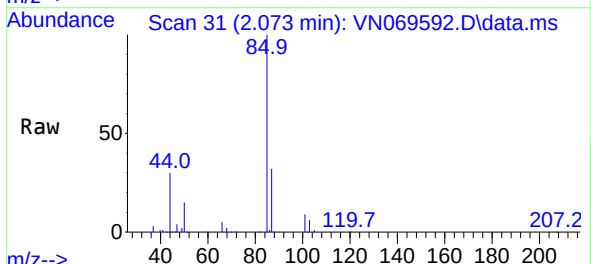
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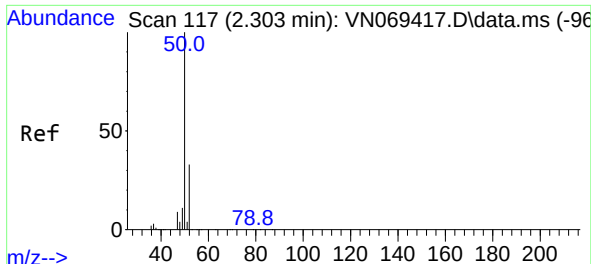
Reviewed By :John Carlone 11/22/2021
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#2
Dichlorodifluoromethane
Concen: 14.910 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

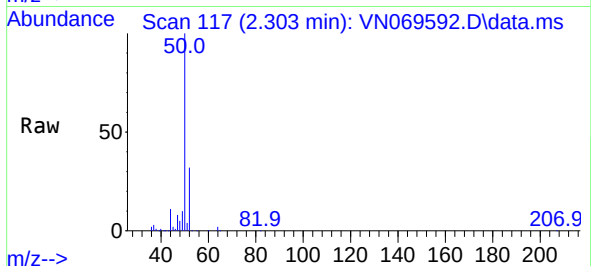
Tgt Ion: 85 Resp: 165301
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3
Chloromethane
Concen: 15.296 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

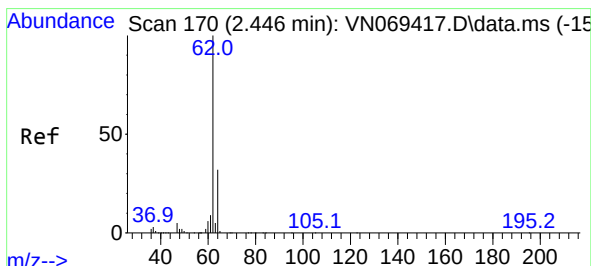
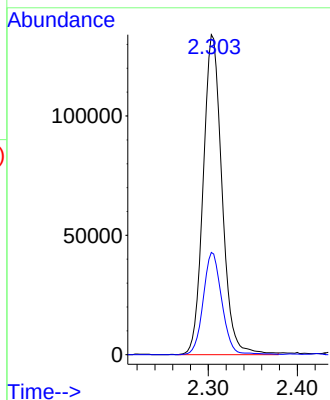
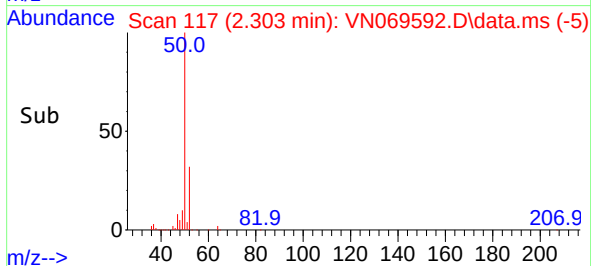
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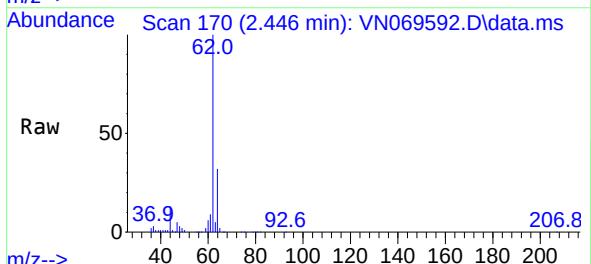
Tgt Ion: 50 Resp: 196664
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.0

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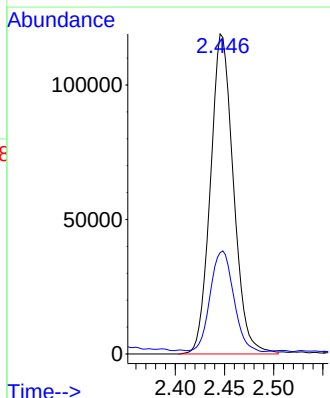
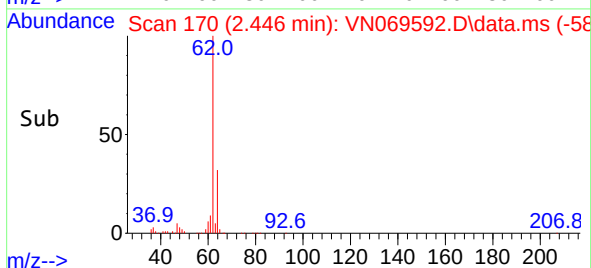
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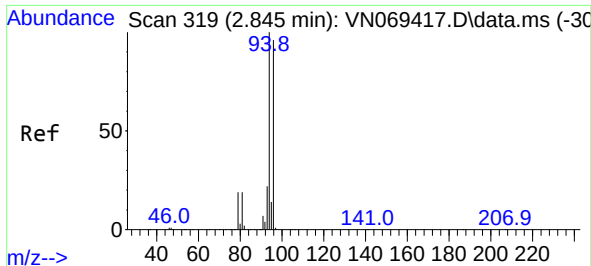


#4
Vinyl Chloride
Concen: 15.040 ug/l
RT: 2.446 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



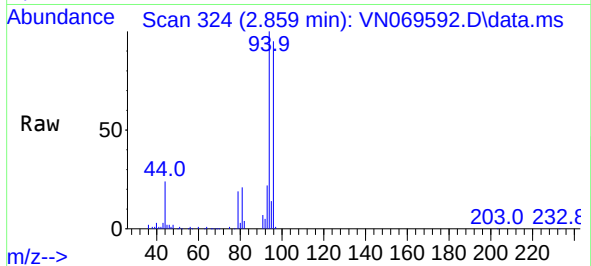
Tgt Ion: 62 Resp: 193615
Ion Ratio Lower Upper
62 100
64 30.6 25.8 38.6





#5
Bromomethane
Concen: 14.698 ug/l
RT: 2.859 min Scan# 319
Delta R.T. 0.014 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

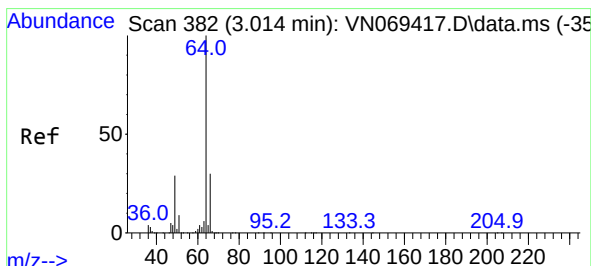
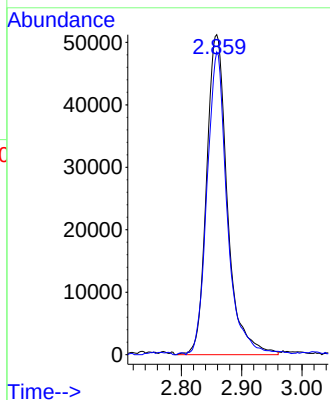
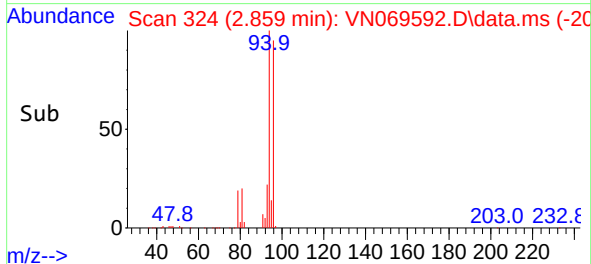
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Tgt Ion: 94 Resp: 12289
Ion Ratio Lower Upper
94 100
96 94.3 73.8 110.8

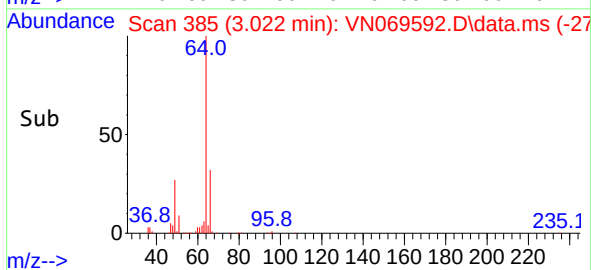
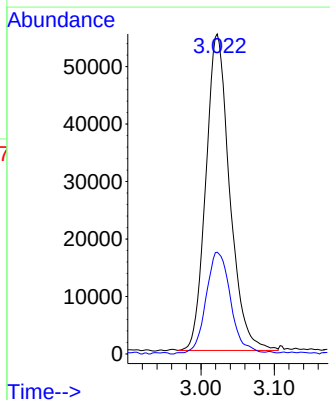
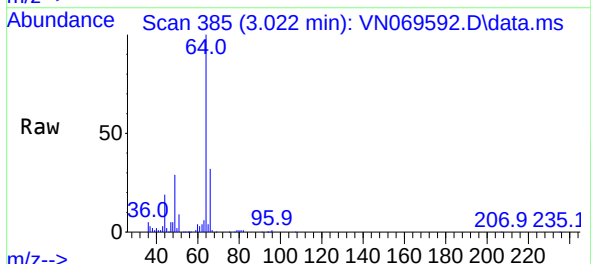
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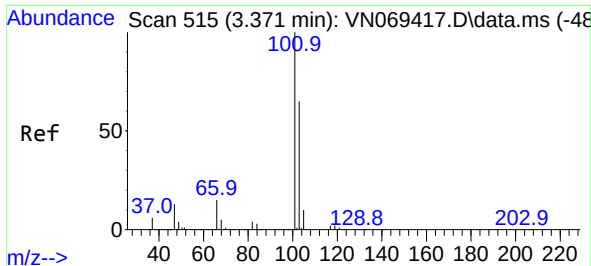
Reviewed By :John Carlone 11/22/2021
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#6
Chloroethane
Concen: 14.335 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

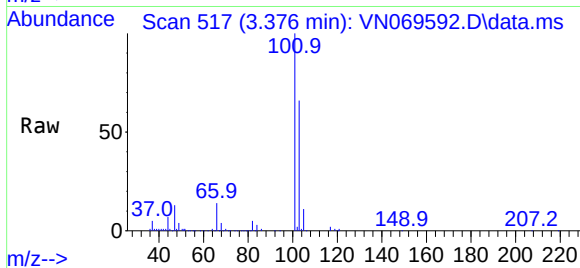
Tgt Ion: 64 Resp: 124569
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 14.551 ug/l
RT: 3.376 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

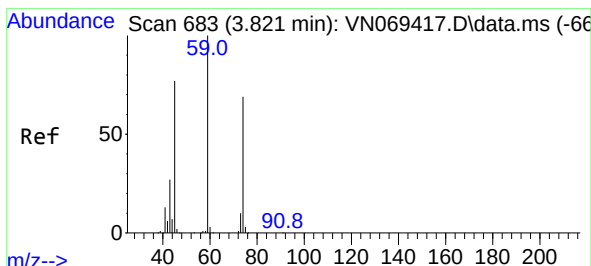
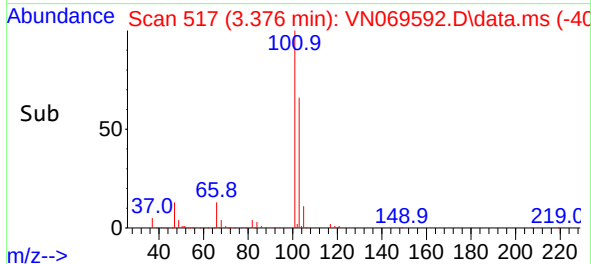
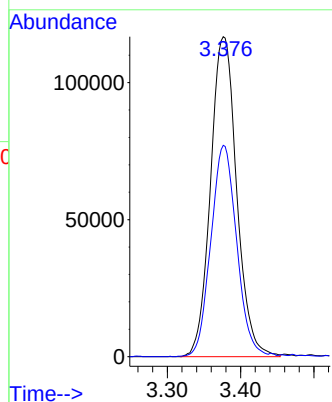
Instrument :
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Tgt Ion:101 Resp: 289508
Ion Ratio Lower Upper
101 100
103 65.9 50.1 75.1

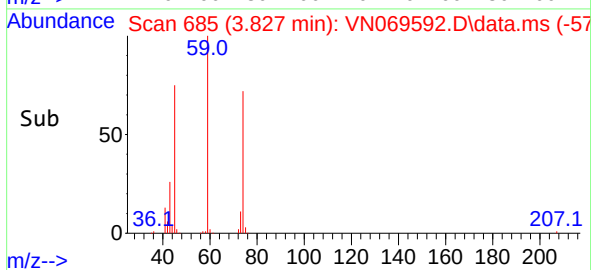
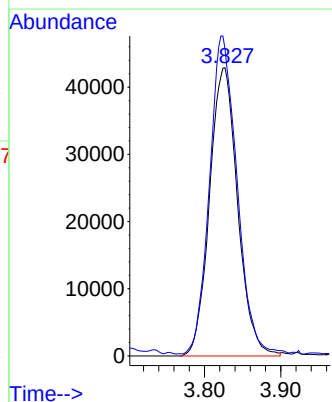
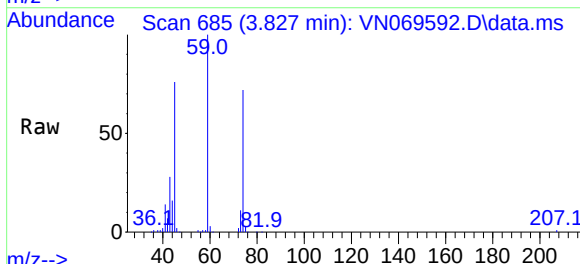
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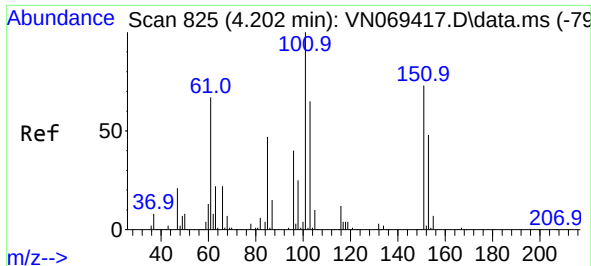
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#8
Diethyl Ether
Concen: 17.029 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.006 min
Lab File: VN069592.D
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Tgt Ion: 74 Resp: 109625
Ion Ratio Lower Upper
74 100
45 107.5 47.0 141.2





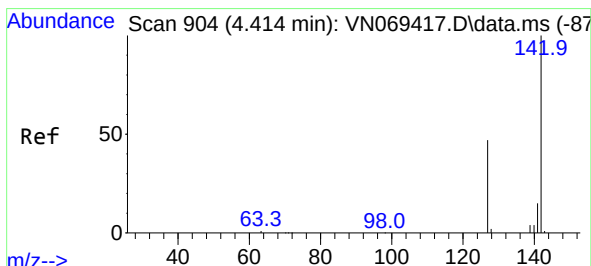
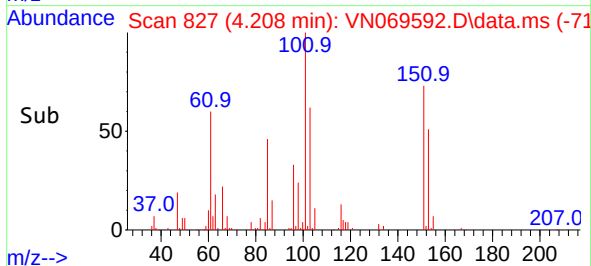
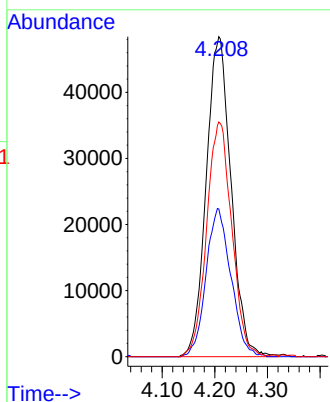
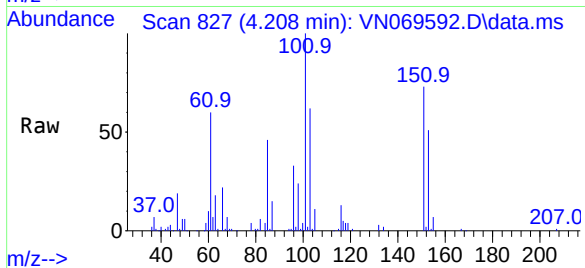
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.926 ug/l
RT: 4.208 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:101 Resp: 158630
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 74.4 65.9 98.9

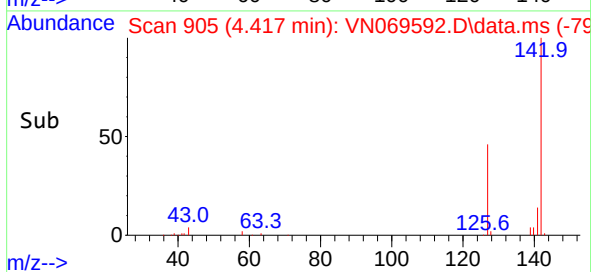
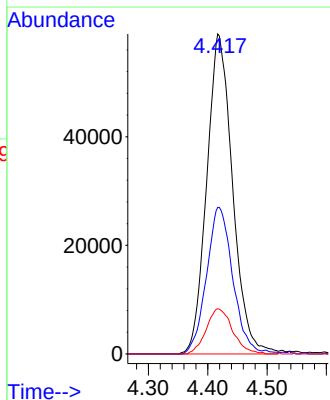
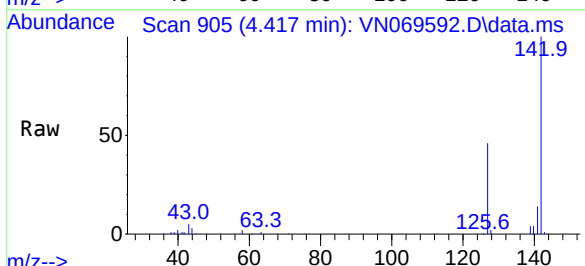
Manual Integrations
APPROVED

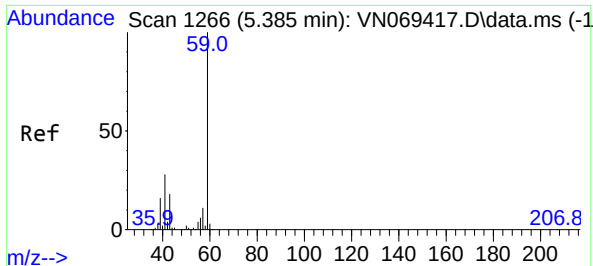
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#10
Methyl Iodide
Concen: 15.515 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

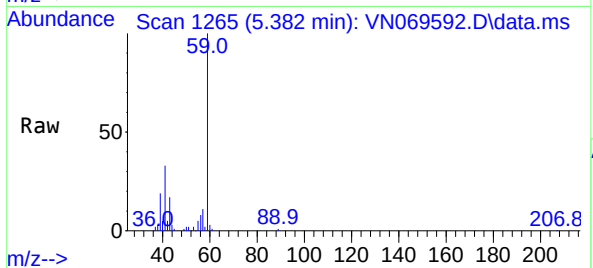
Tgt Ion:142 Resp: 178349
Ion Ratio Lower Upper
142 100
127 46.4 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 81.873 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

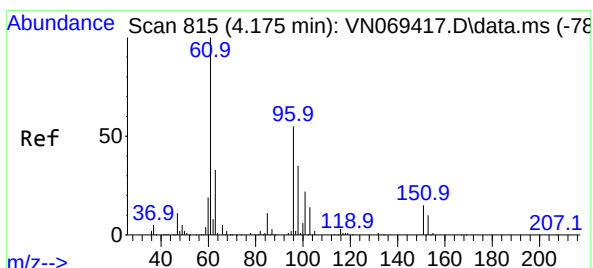
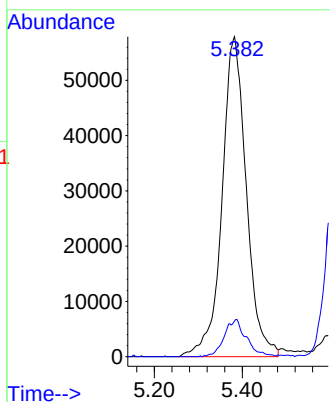
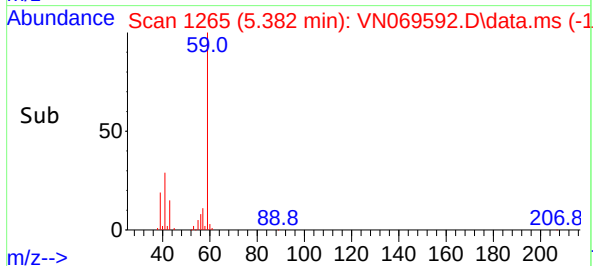
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 59 Resp: 22198
Ion Ratio Lower Upper
59 100
57 3.8 8.7 13.1

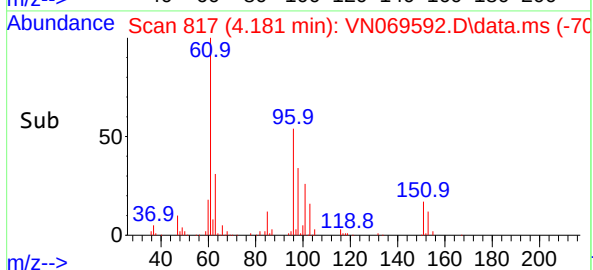
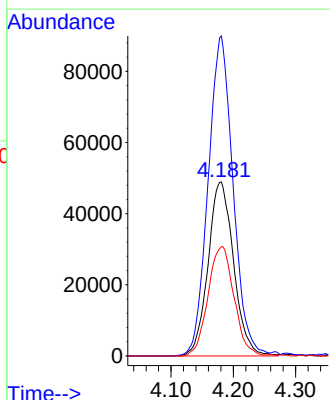
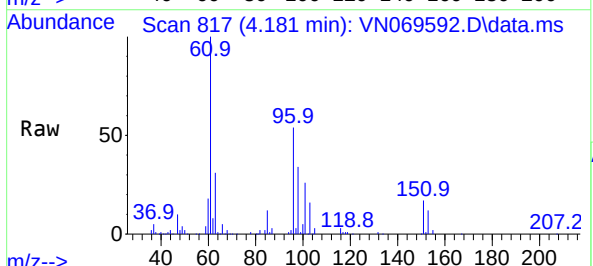
Manual Integrations
APPROVED

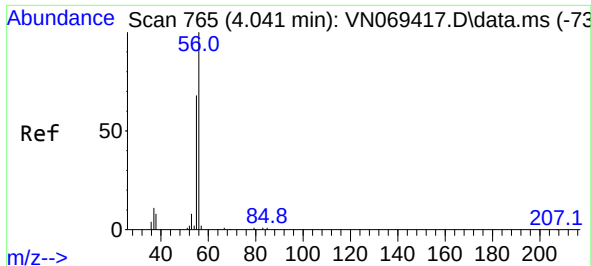
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#12
1,1-Dichloroethene
Concen: 16.593 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

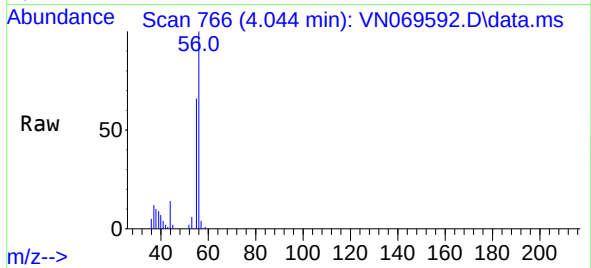
Tgt Ion: 96 Resp: 139562
Ion Ratio Lower Upper
96 100
61 183.6 131.0 196.6
98 62.8 52.4 78.6





#13
Acrolein
Concen: 107.503 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

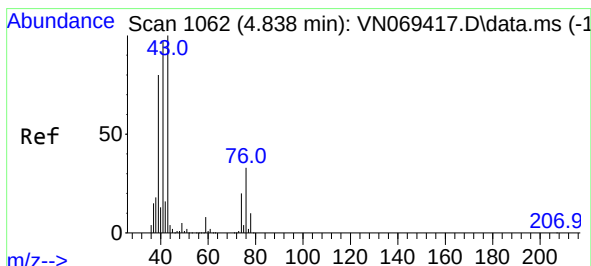
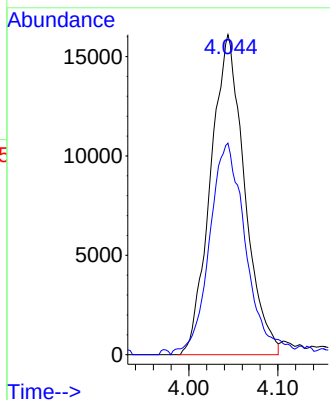
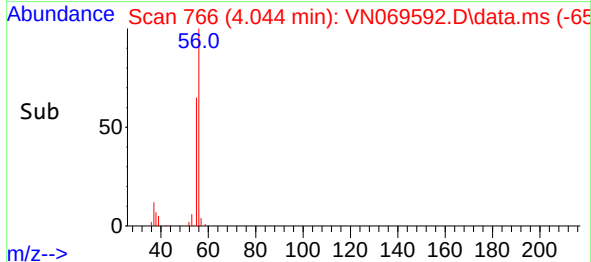
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



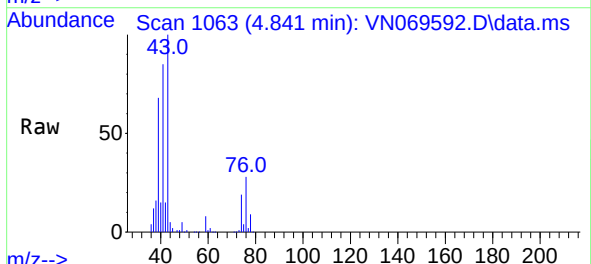
Tgt Ion: 56 Resp: 4272
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

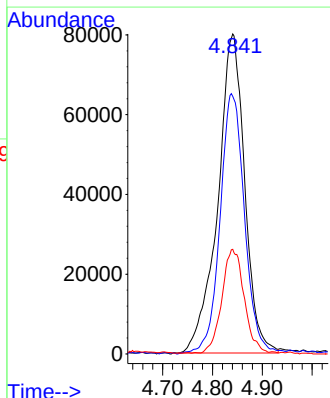
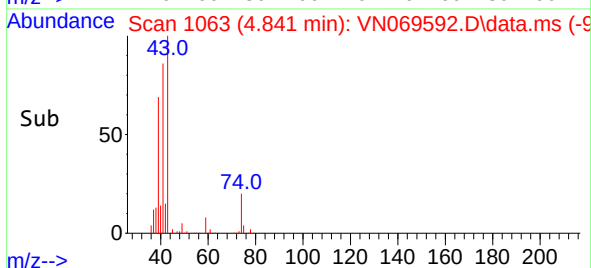
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

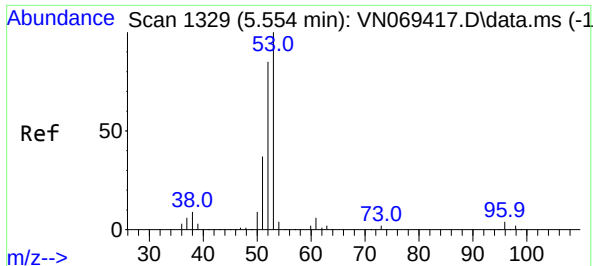


#14
Allyl chloride
Concen: 16.124 ug/l
RT: 4.841 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



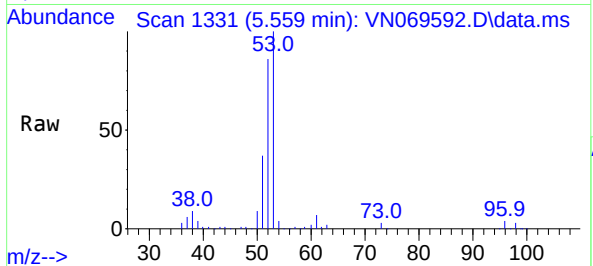
Tgt Ion: 41 Resp: 299838
Ion Ratio Lower Upper
41 100
39 74.6 61.2 91.8
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 91.760 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

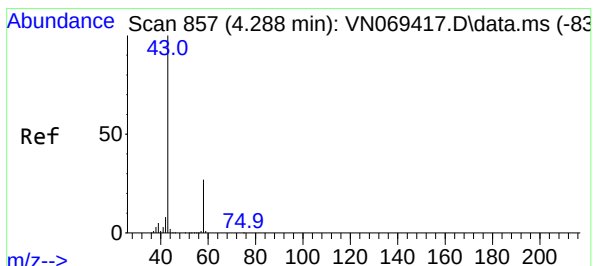
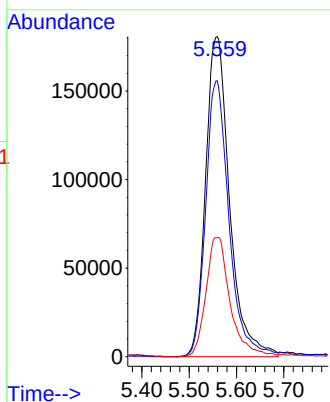
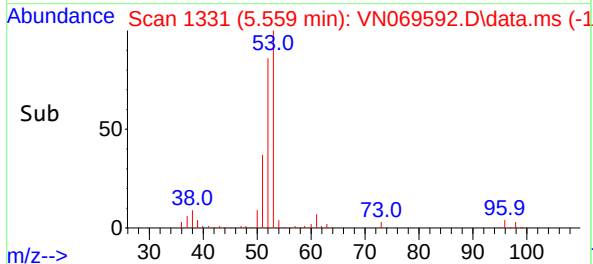
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 53 Resp: 637100
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.3 29.6 44.4

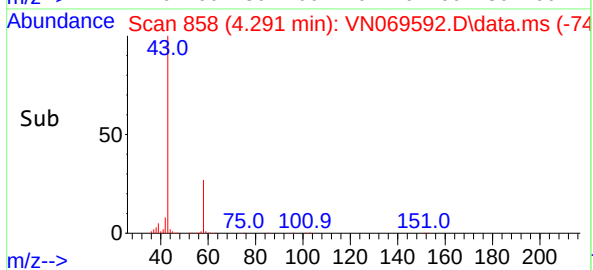
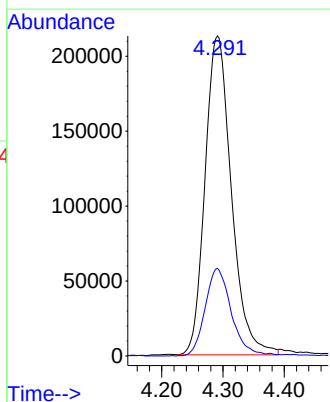
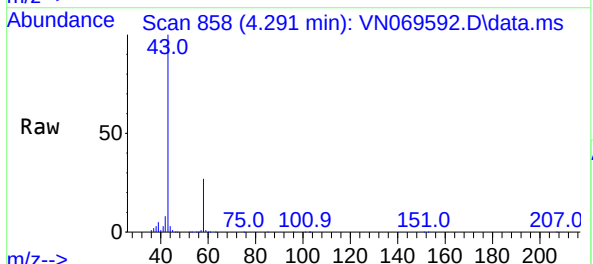
Manual Integrations
APPROVED

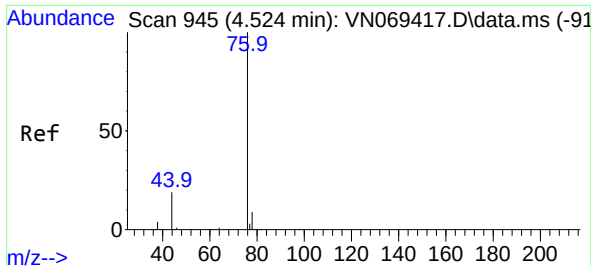
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#16
Acetone
Concen: 78.425 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

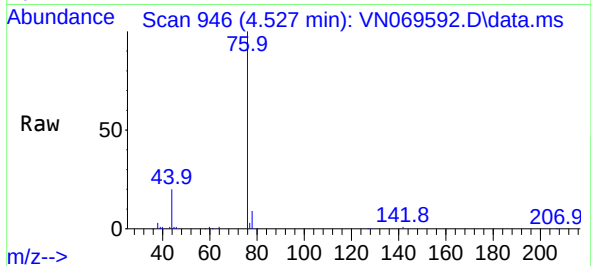
Tgt Ion: 43 Resp: 636671
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 12.110 ug/l
RT: 4.527 min Scan# 945
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

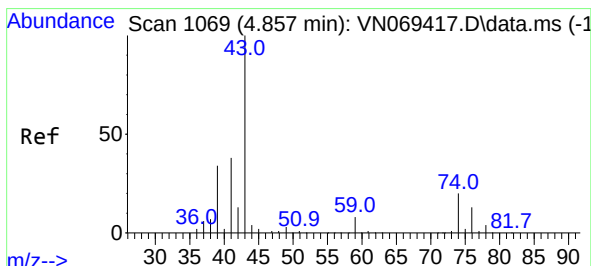
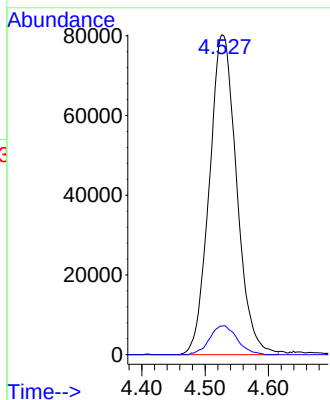
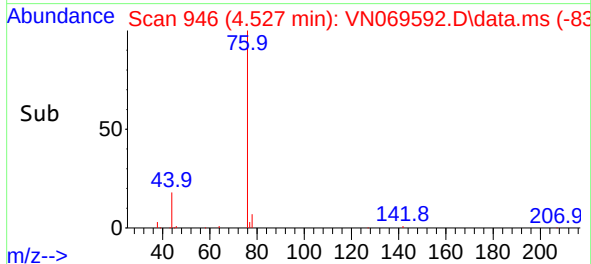
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



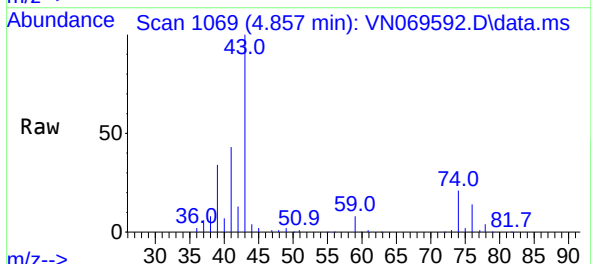
Tgt Ion: 76 Resp: 240758
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

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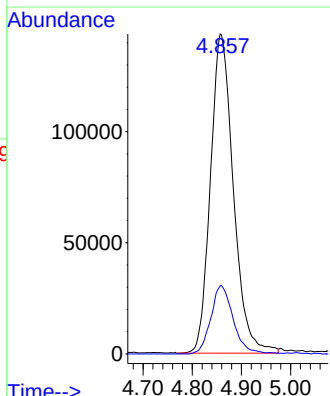
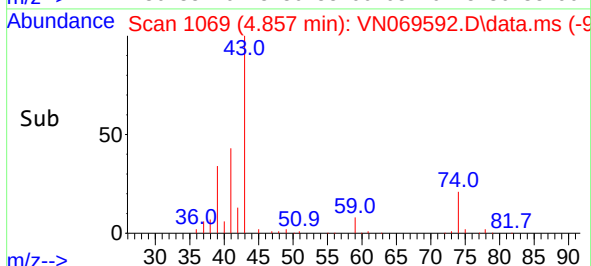
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

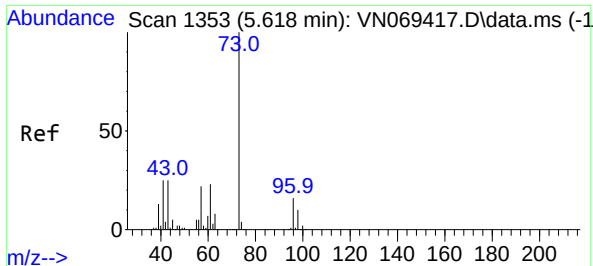


#18
Methyl Acetate
Concen: 17.649 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



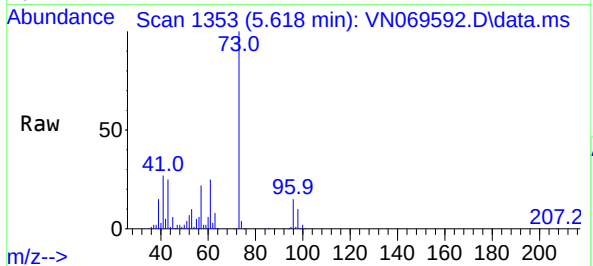
Tgt Ion: 43 Resp: 465758
Ion Ratio Lower Upper
43 100
74 20.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 17.489 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

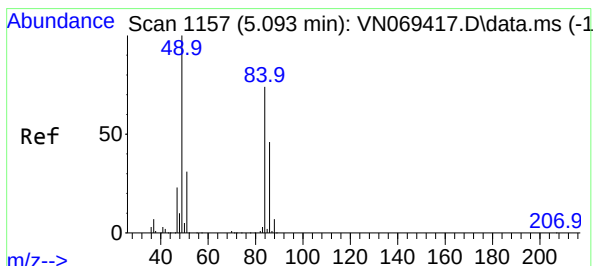
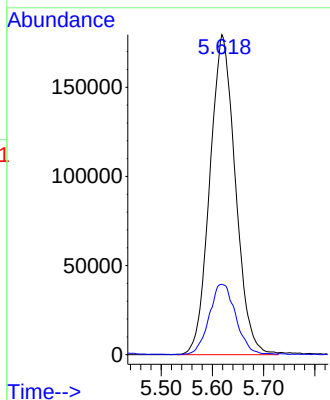
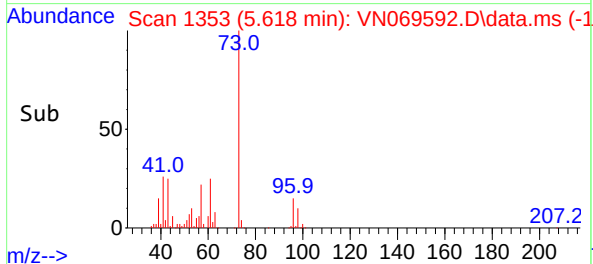
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 73 Resp: 62250
Ion Ratio Lower Upper
73 100
57 21.8 16.8 25.2

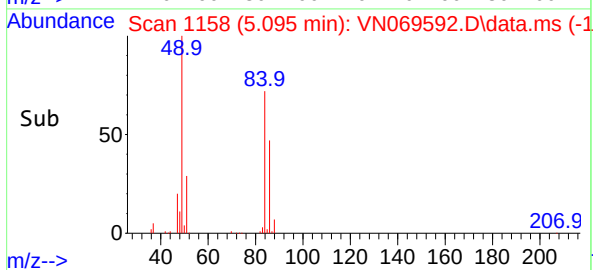
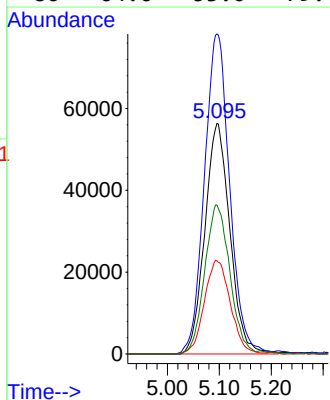
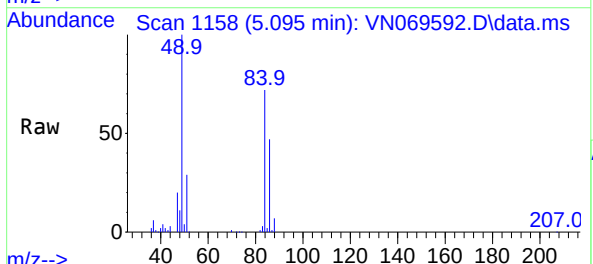
Manual Integrations
APPROVED

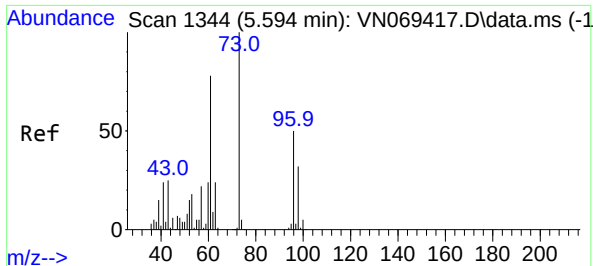
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#20
Methylene Chloride
Concen: 16.422 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.002 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

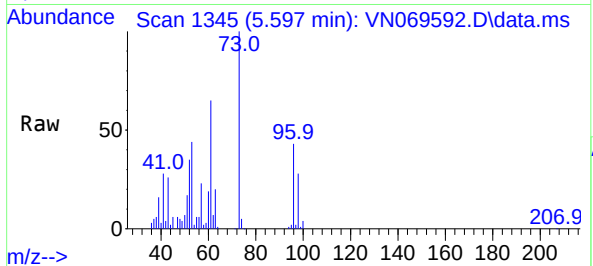
Tgt Ion: 84 Resp: 189044
Ion Ratio Lower Upper
84 100
49 138.4 93.5 140.3
51 40.4 29.4 44.2
86 64.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.829 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

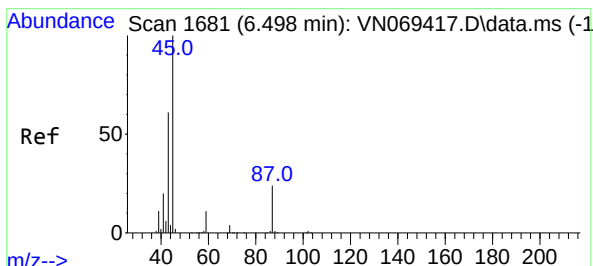
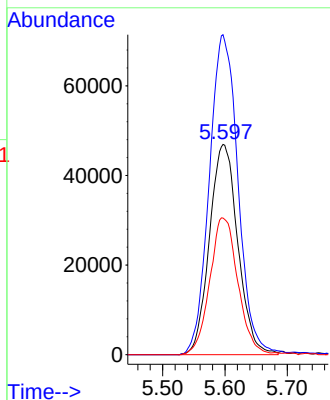
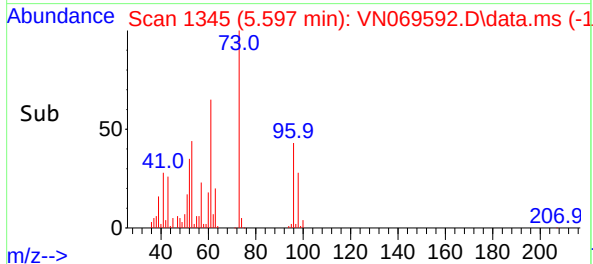
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 96 Resp: 148704
Ion Ratio Lower Upper
96 100
61 152.2 105.8 158.6
98 65.0 52.0 78.0

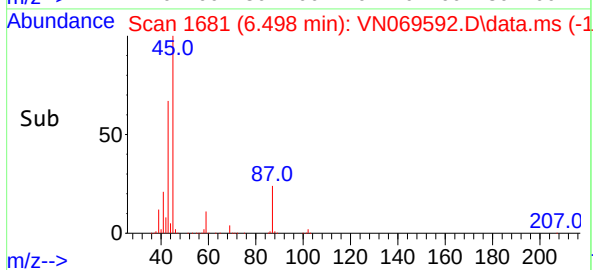
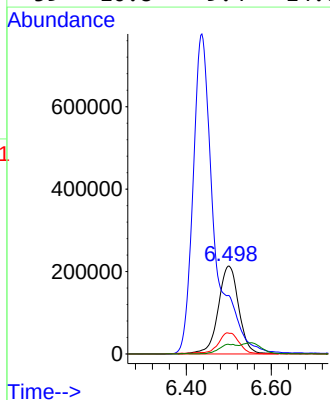
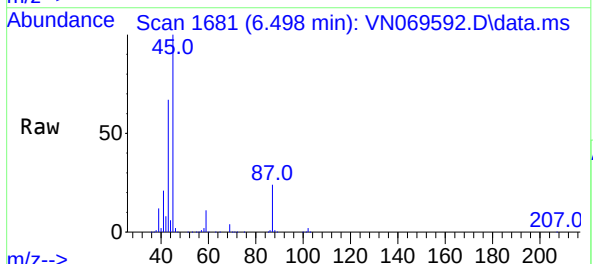
Manual Integrations
APPROVED

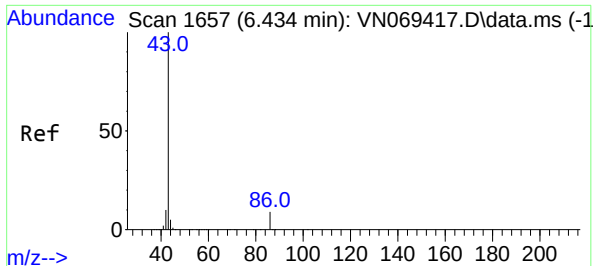
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#22
Diisopropyl ether
Concen: 17.846 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

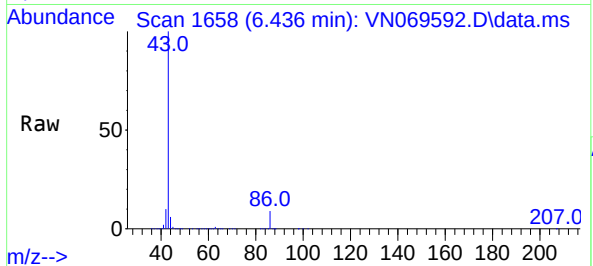
Tgt Ion: 45 Resp: 714833
Ion Ratio Lower Upper
45 100
43 64.4 51.7 77.5
87 23.8 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 87.004 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.002 min
 Lab File: VN069592.D
 Acq: 19 Nov 2021 18:13

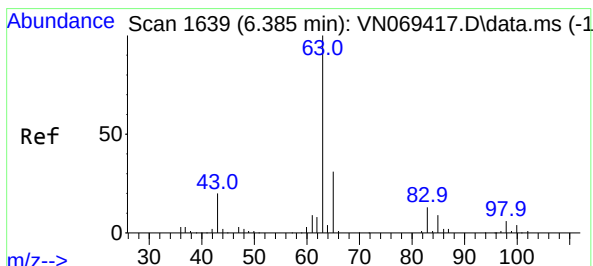
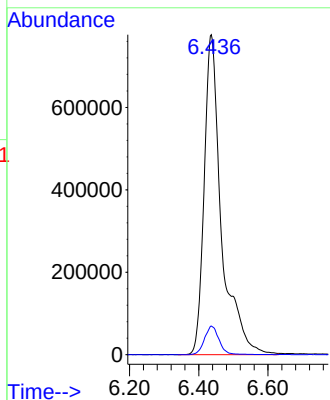
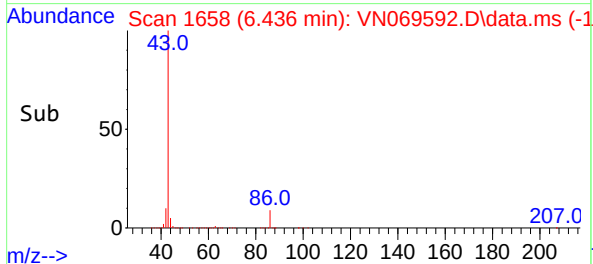
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01



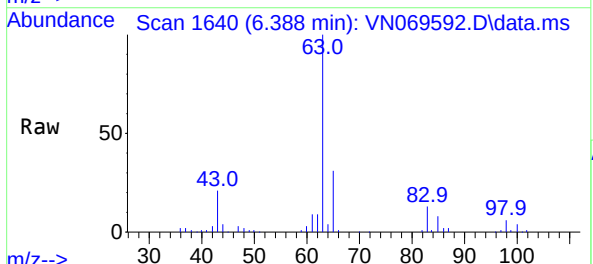
Tgt Ion: 43 Resp: 269545
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7

Manual Integrations
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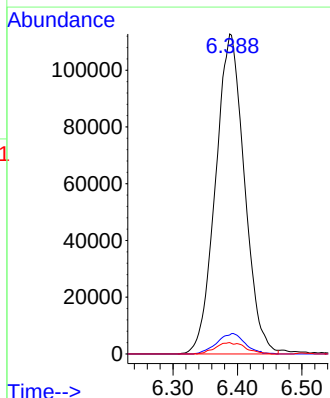
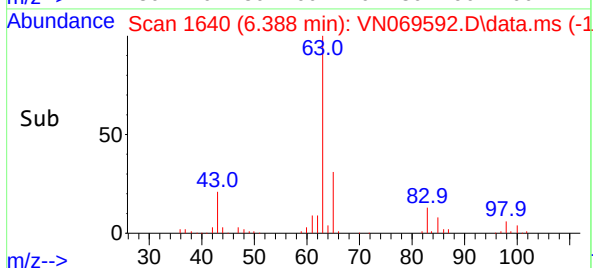
Reviewed By :John Carlone 11/22/2021
 Supervised By :Mahesh Dadoda 11/26/2021

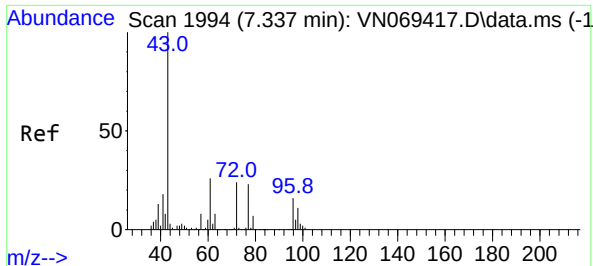


#24
 1,1-Dichloroethane
 Concen: 17.167 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069592.D
 Acq: 19 Nov 2021 18:13



Tgt Ion: 63 Resp: 350259
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 85.936 ug/l

RT: 7.340 min Scan# 1994

Delta R.T. 0.003 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 43 Resp: 94467

Ion Ratio Lower Upper

43 100

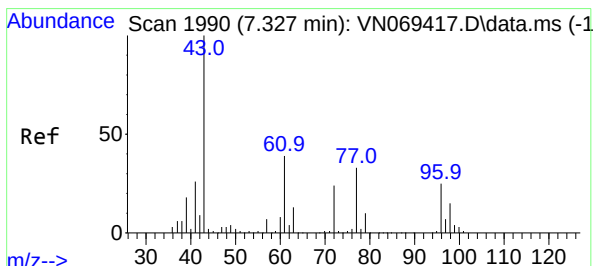
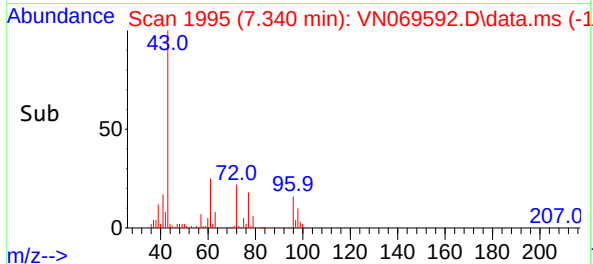
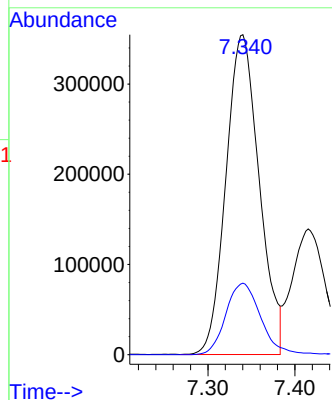
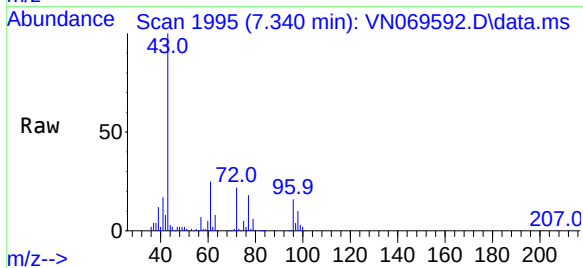
72 22.4 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#26

2,2-Dichloropropane

Concen: 15.240 ug/l

RT: 7.329 min Scan# 1991

Delta R.T. 0.002 min

Lab File: VN069592.D

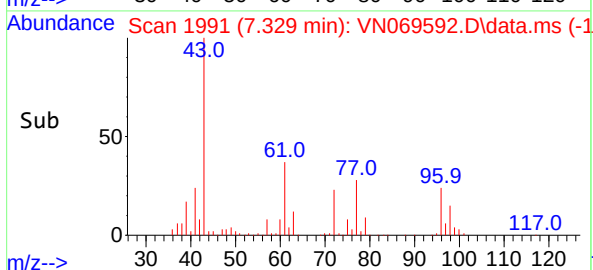
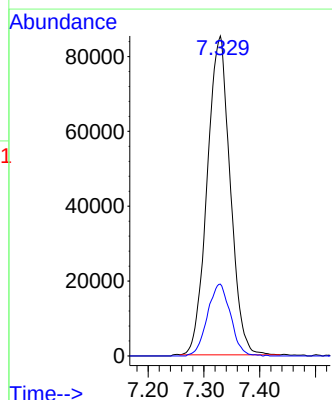
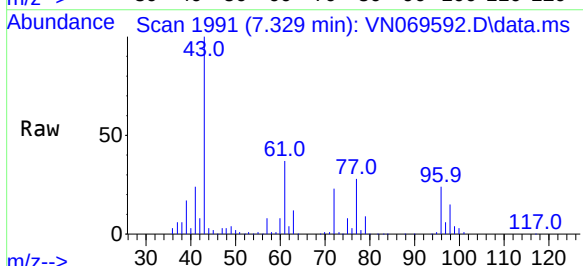
Acq: 19 Nov 2021 18:13

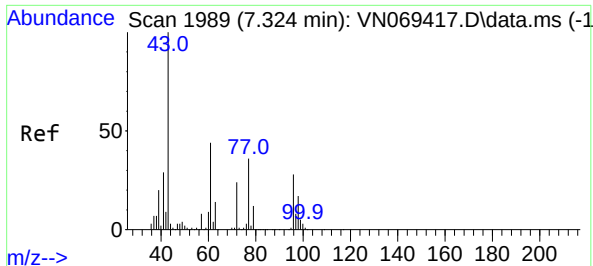
Tgt Ion: 77 Resp: 243274

Ion Ratio Lower Upper

77 100

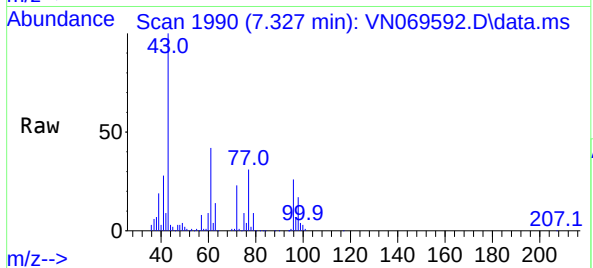
97 22.7 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 16.852 ug/l
RT: 7.327 min Scan# 1989
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

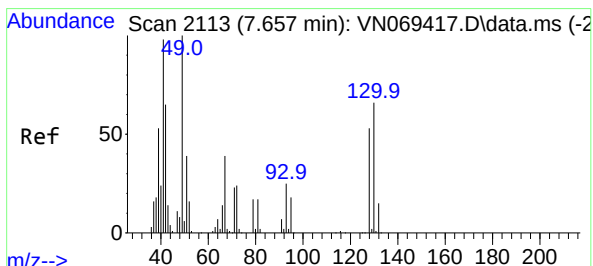
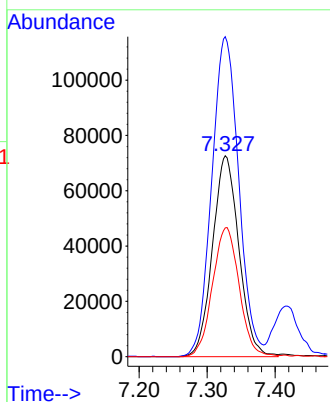
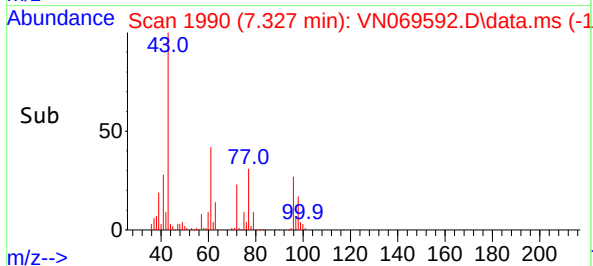
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 96 Resp: 19625
Ion Ratio Lower Upper
96 100
61 162.8 0.0 275.0
98 65.0 0.0 129.6

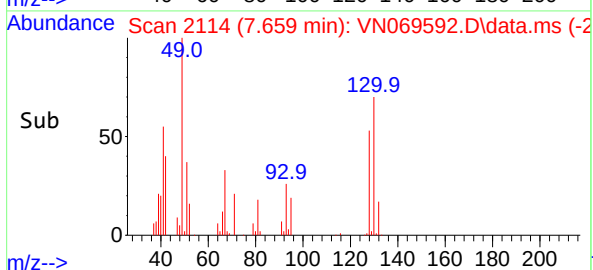
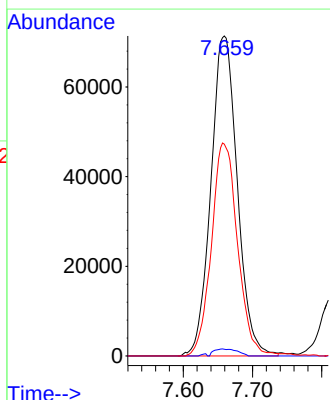
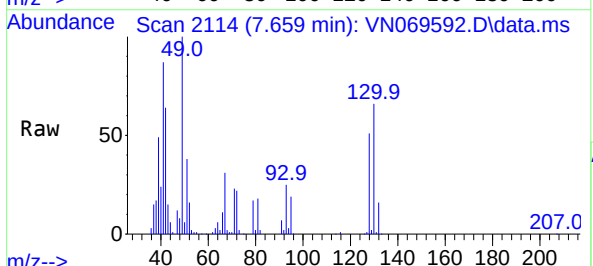
Manual Integrations
APPROVED

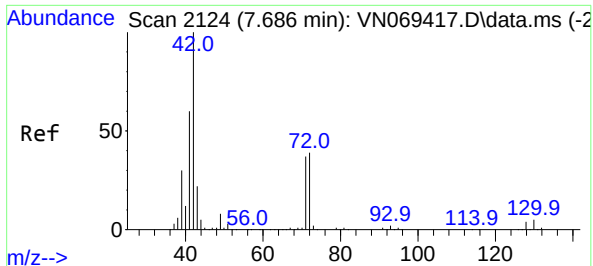
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#28
Bromochloromethane
Concen: 18.123 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.002 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion: 49 Resp: 189350
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 66.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 91.818 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

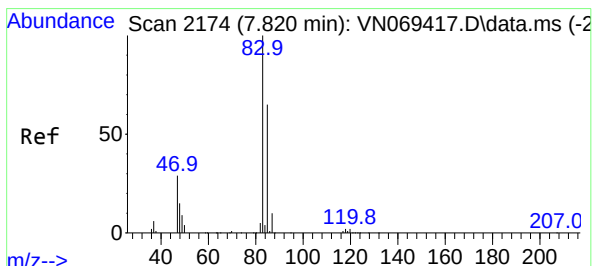
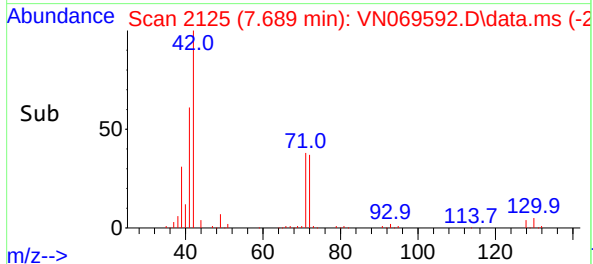
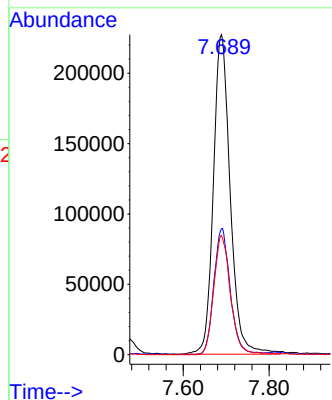
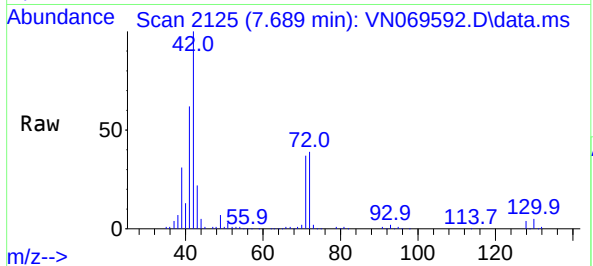
Tgt Ion: 42 Resp: 619399

Ion	Ratio	Lower	Upper
42	100		
72	38.4	36.3	54.5
71	36.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#30

Chloroform

Concen: 17.685 ug/l

RT: 7.817 min Scan# 2173

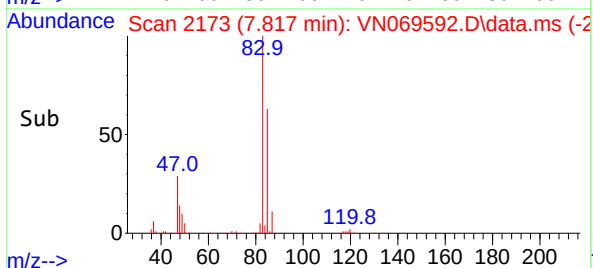
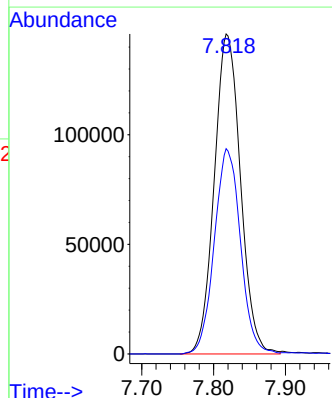
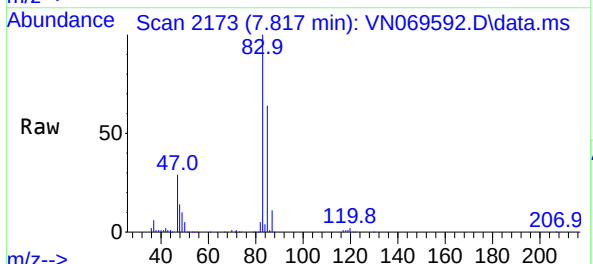
Delta R.T. -0.003 min

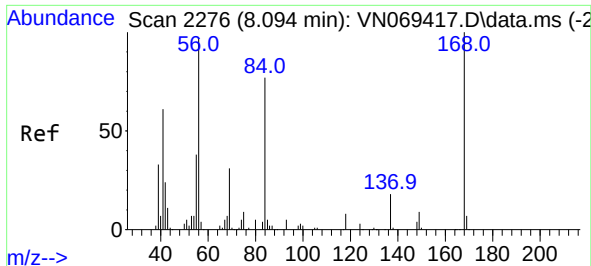
Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

Tgt Ion: 83 Resp: 369905

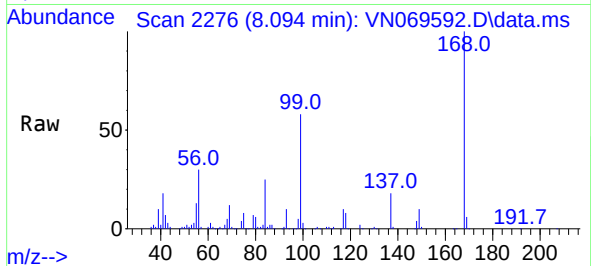
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.9	77.9





#31
Cyclohexane
Concen: 15.500 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

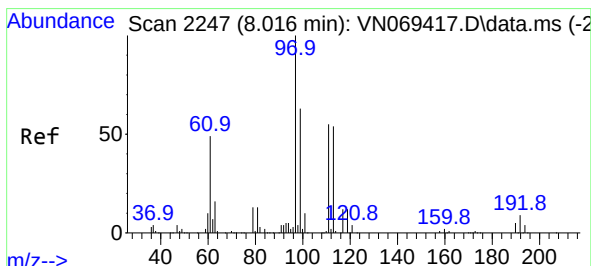
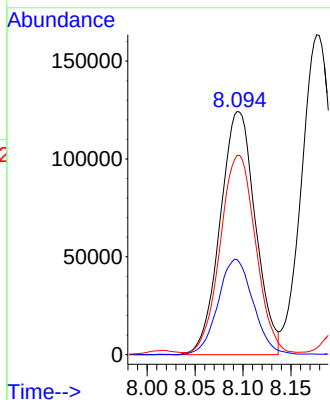
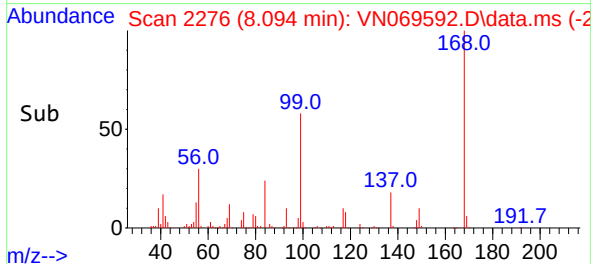
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



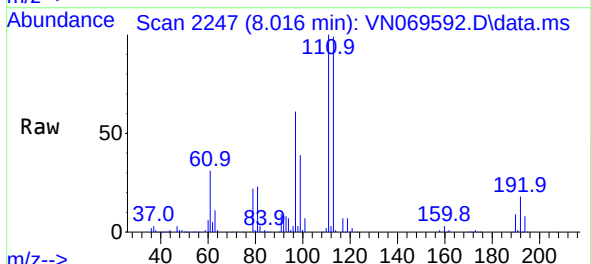
Tgt Ion: 56 Resp: 318620
Ion Ratio Lower Upper
56 100
69 39.2 27.1 40.7
84 81.0 73.4 110.0

Manual Integrations
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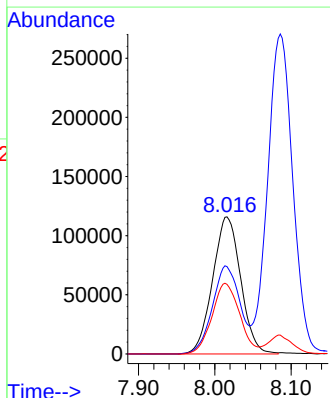
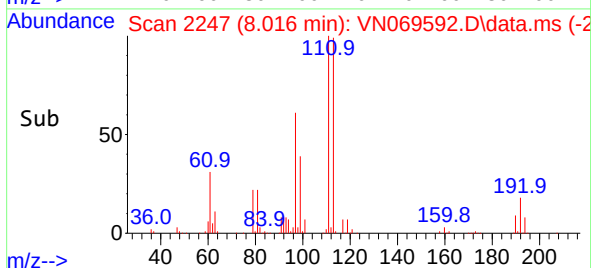
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

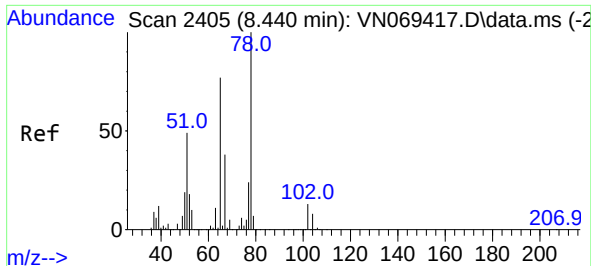


#32
1,1,1-Trichloroethane
Concen: 16.978 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



Tgt Ion: 97 Resp: 296410
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 50.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.223 ug/l

RT: 8.437 min Scan# 2405

Delta R.T. -0.003 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 65 Resp: 71053

Ion Ratio Lower Upper

65 100

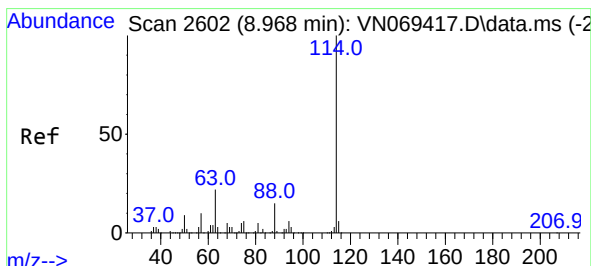
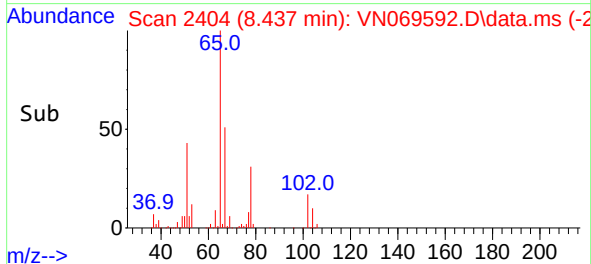
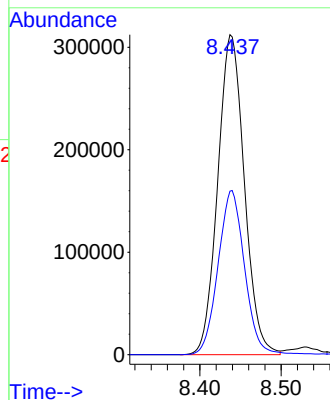
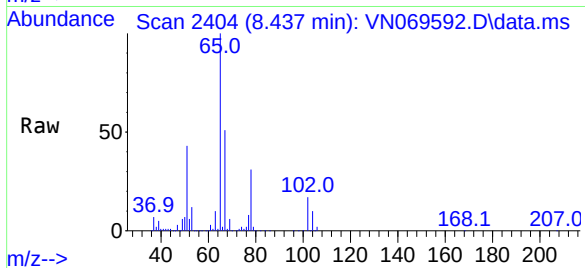
67 51.2 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

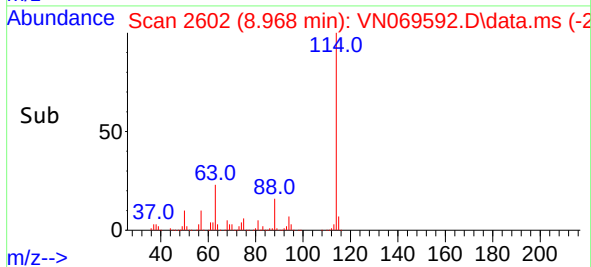
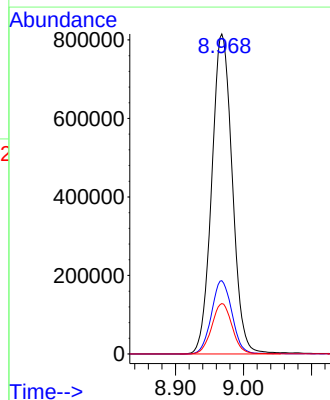
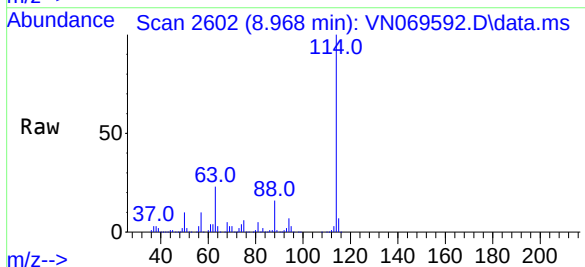
Tgt Ion:114 Resp: 1712123

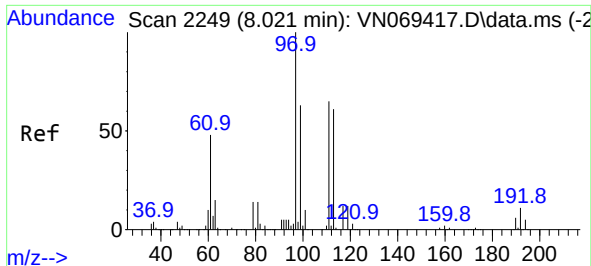
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

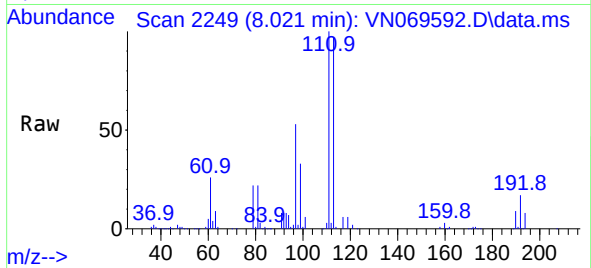
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.225 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

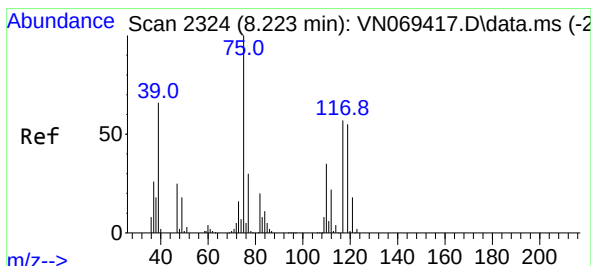
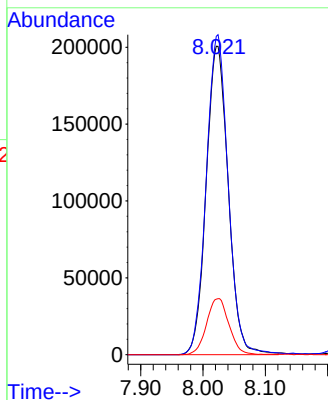
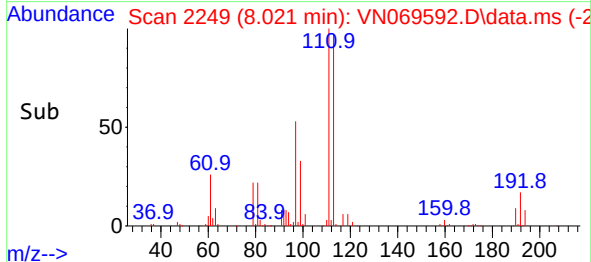
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



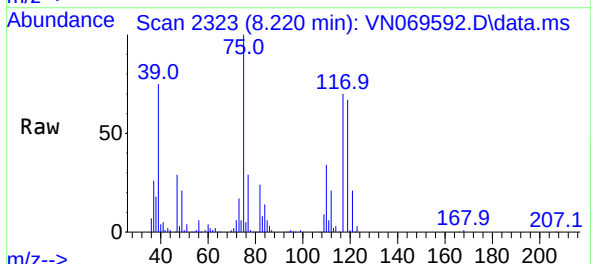
Tgt Ion: 113 Resp: 495205
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 18.4 16.9 25.3

Manual Integrations
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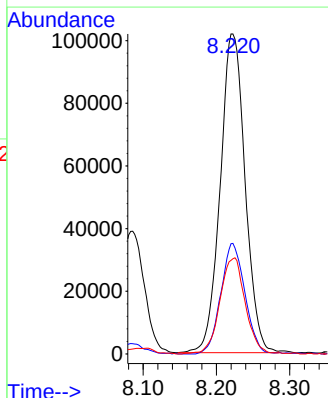
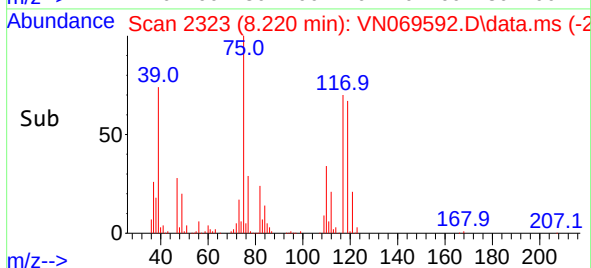
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

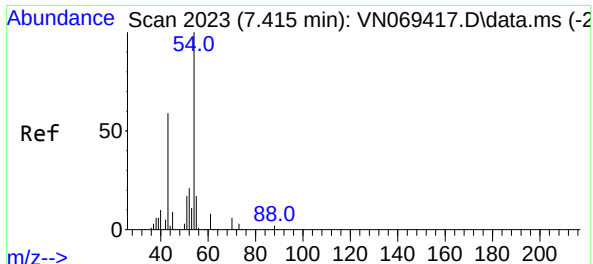


#36
1,1-Dichloropropene
Concen: 16.661 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



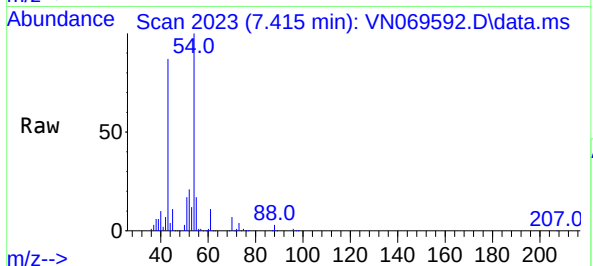
Tgt Ion: 75 Resp: 240025
Ion Ratio Lower Upper
75 100
110 33.6 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 19.061 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

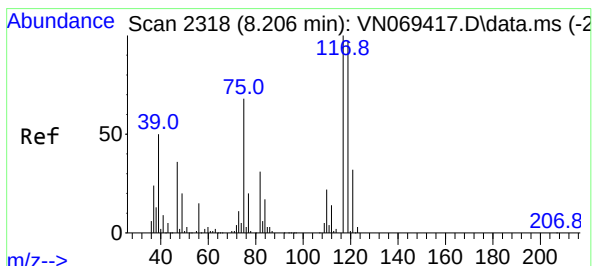
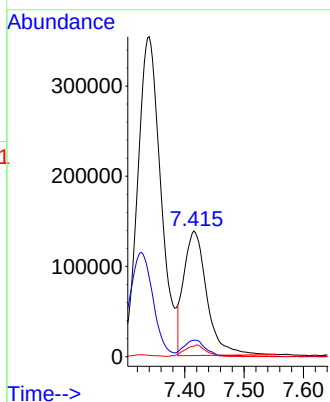
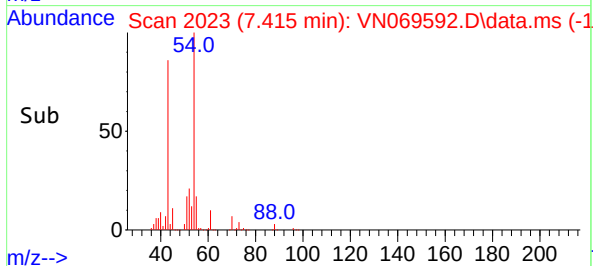
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 43 Resp: 37120
Ion Ratio Lower Upper
43 100
61 12.0 11.5 17.3
70 8.8 7.9 11.9

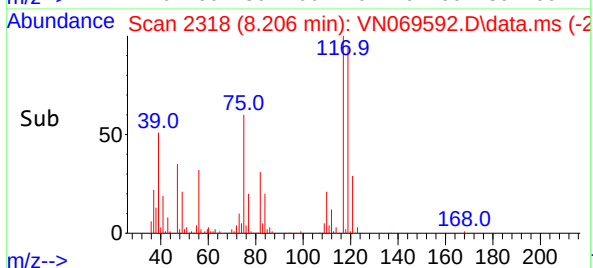
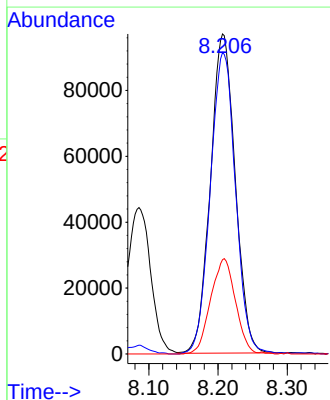
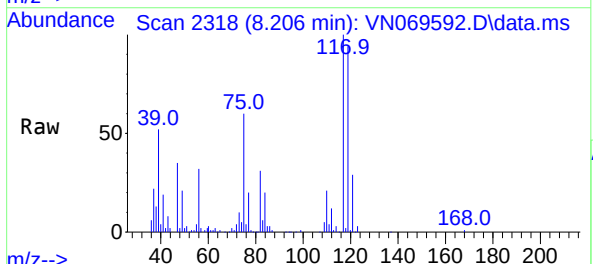
Manual Integrations
APPROVED

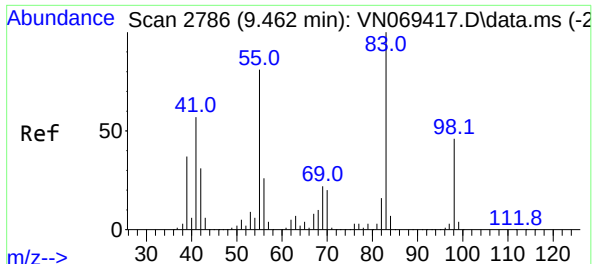
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#38
Carbon Tetrachloride
Concen: 17.335 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

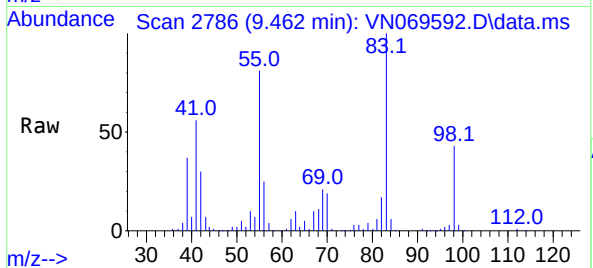
Tgt Ion:117 Resp: 241104
Ion Ratio Lower Upper
117 100
119 94.5 76.1 114.1
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 15.235 ug/l
RT: 9.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

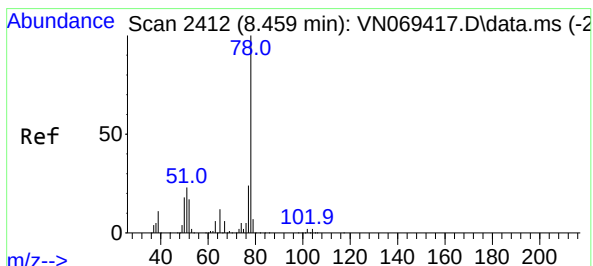
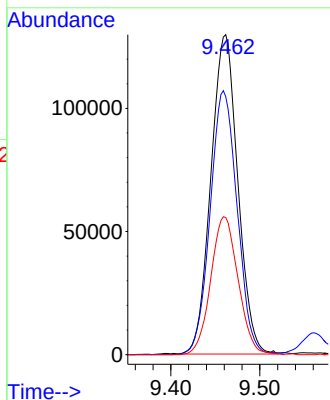
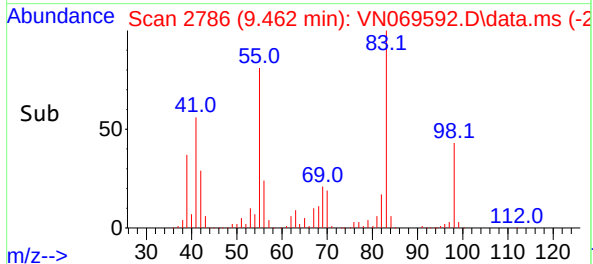
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 83 Resp: 273039
Ion Ratio Lower Upper
83 100
55 80.6 58.1 87.1
98 43.0 38.4 57.6

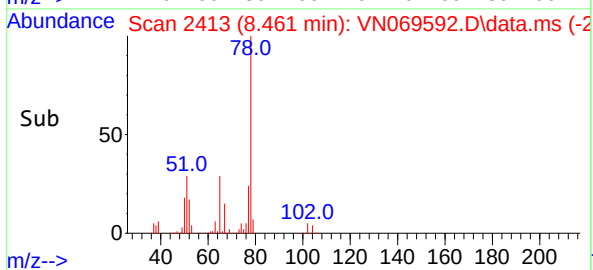
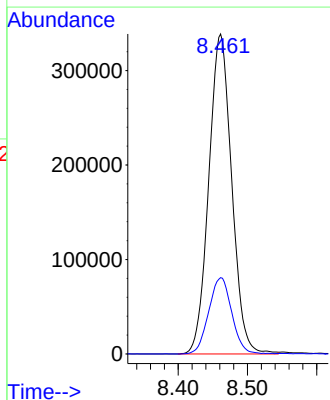
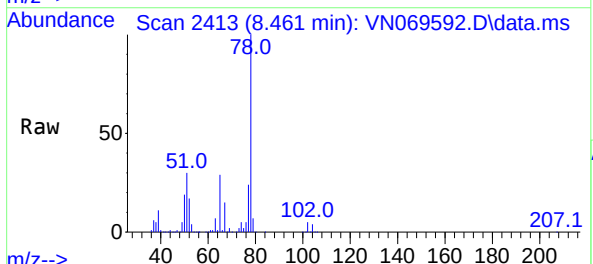
Manual Integrations
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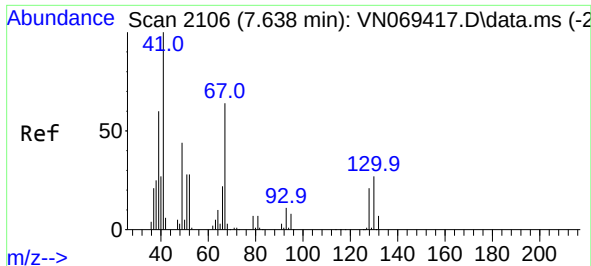
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#40
Benzene
Concen: 17.522 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

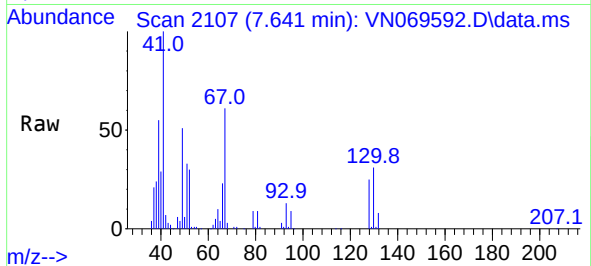
Tgt Ion: 78 Resp: 779141
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 18.046 ug/l
RT: 7.641 min Scan# 2106
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

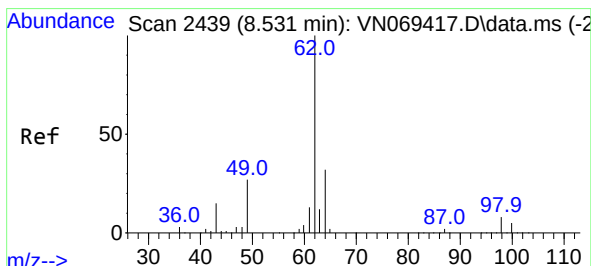
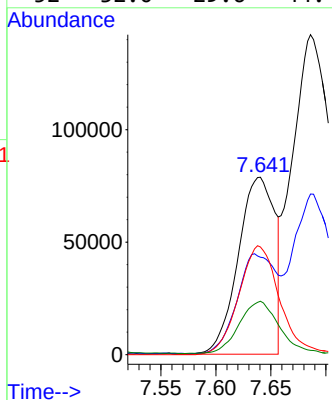
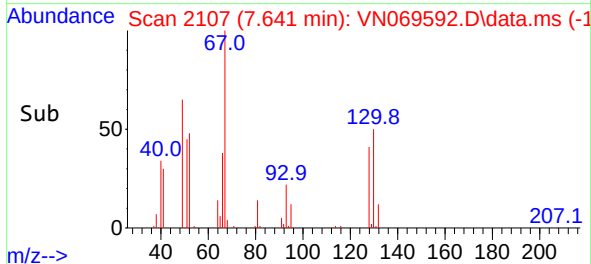
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 41 Resp: 181586
Ion Ratio Lower Upper
41 100
39 60.9 48.1 72.1
67 69.1 68.3 102.5
52 32.0 29.6 44.4

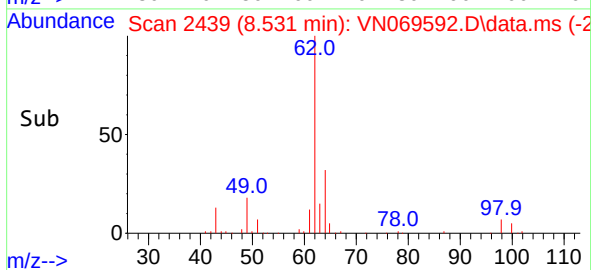
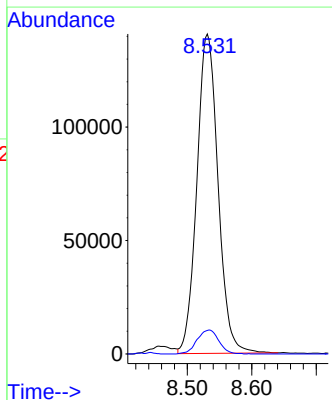
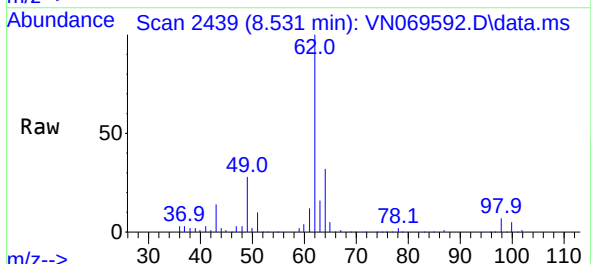
Manual Integrations
APPROVED

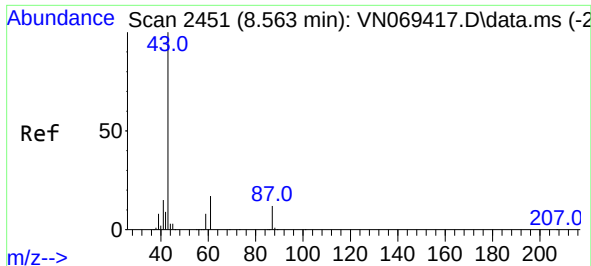
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#42
1,2-Dichloroethane
Concen: 18.472 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

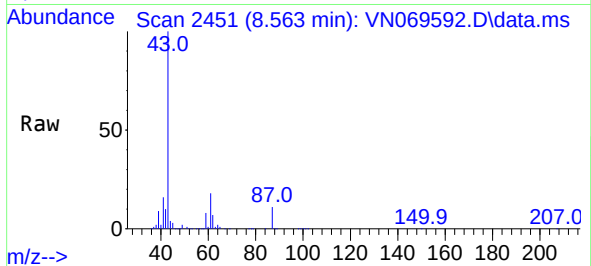
Tgt Ion: 62 Resp: 321636
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.205 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

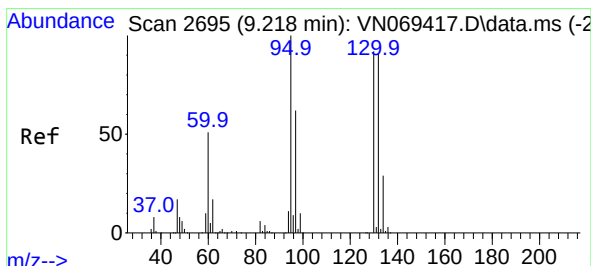
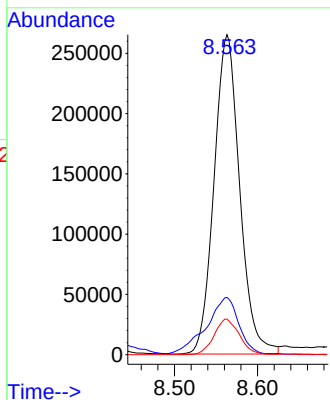
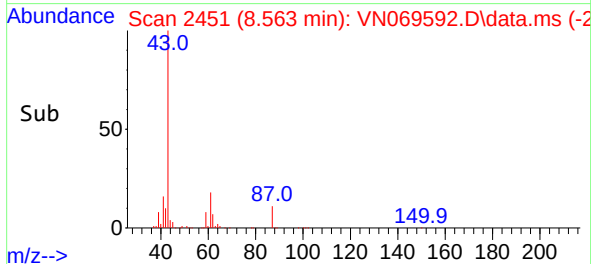
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 43 Resp: 56944
Ion Ratio Lower Upper
43 100
61 22.4 20.4 30.6
87 11.0 11.2 16.8

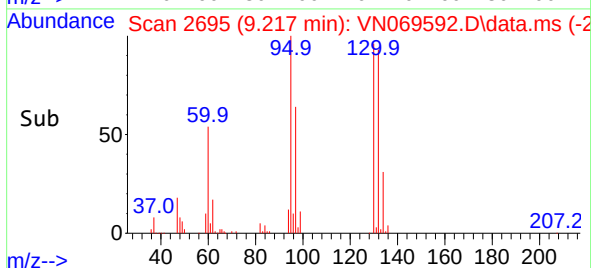
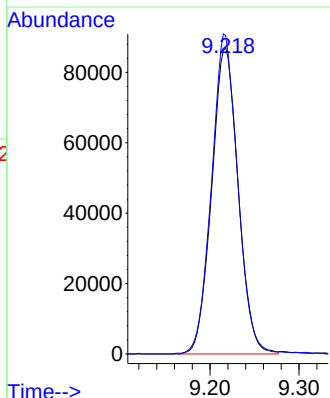
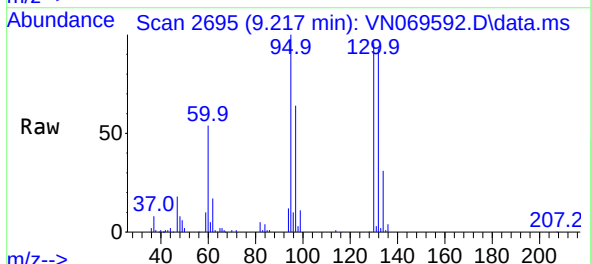
Manual Integrations
APPROVED

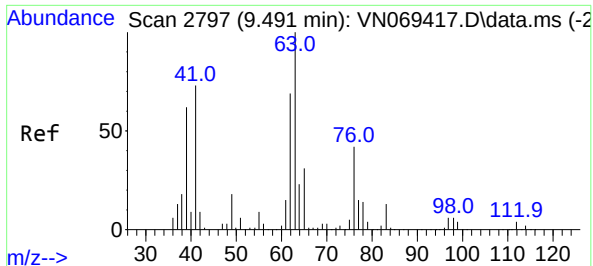
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#44
Trichloroethene
Concen: 16.924 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion:130 Resp: 180114
Ion Ratio Lower Upper
130 100
95 103.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.253 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 63 Resp: 21685

Ion Ratio Lower Upper

63 100

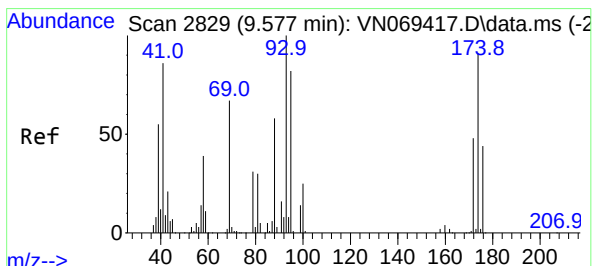
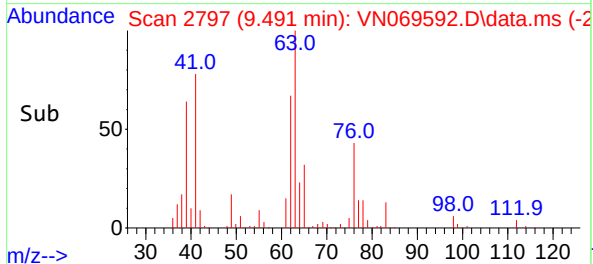
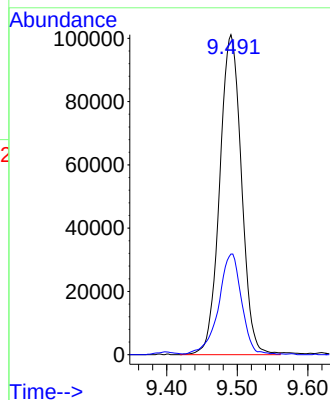
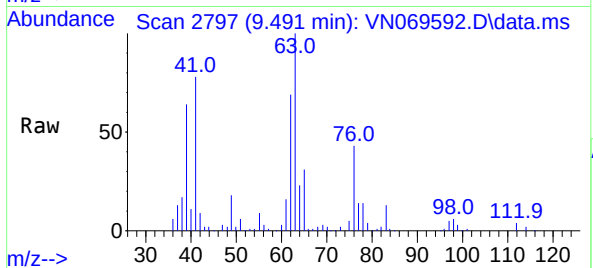
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#46

Dibromomethane

Concen: 17.914 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

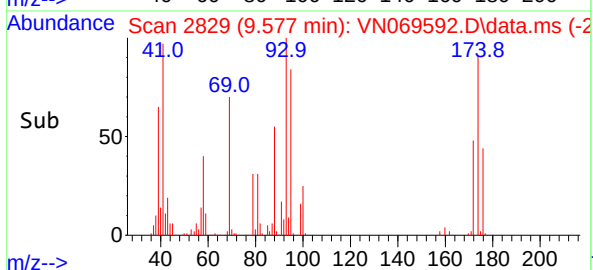
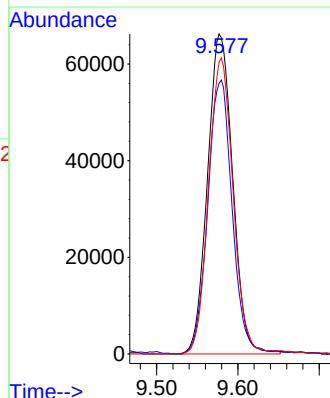
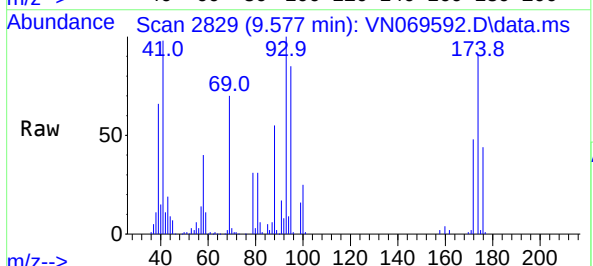
Tgt Ion: 93 Resp: 142551

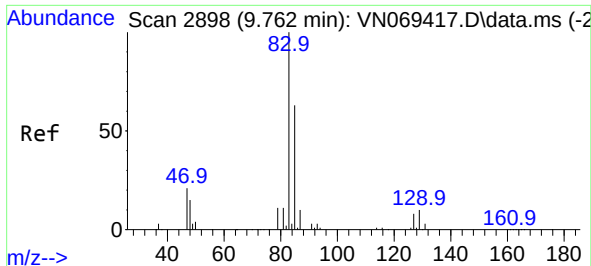
Ion Ratio Lower Upper

93 100

95 82.7 65.9 98.9

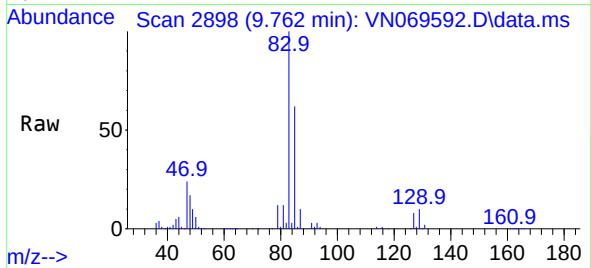
174 90.3 84.6 127.0





#47
Bromodichloromethane
Concen: 17.626 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

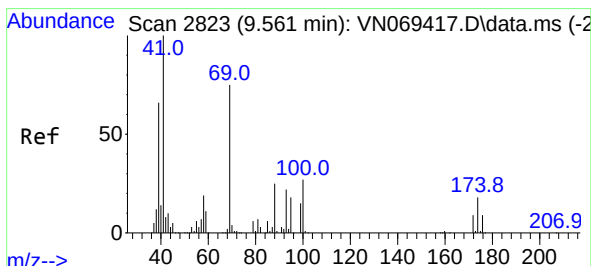
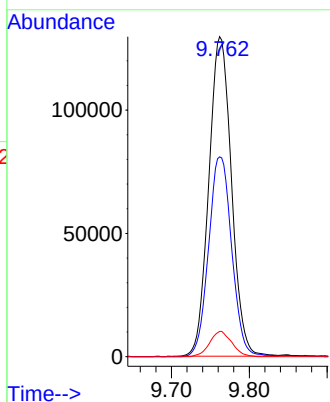
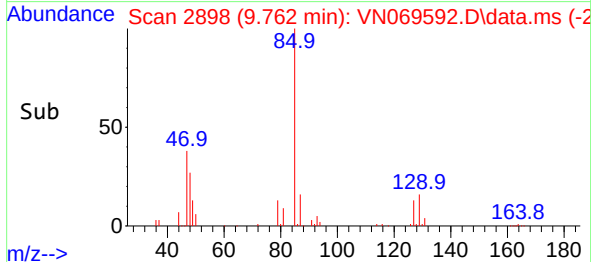
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



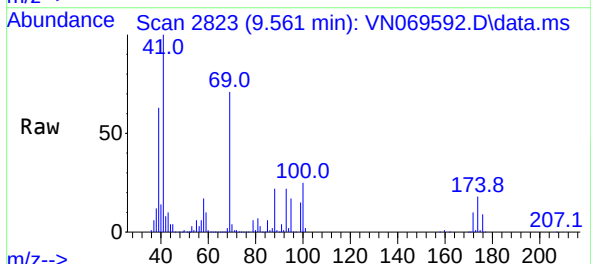
Tgt Ion: 83 Resp: 26174
Ion Ratio Lower Upper
83 100
85 62.6 50.9 76.3
127 7.9 7.1 10.7

Manual Integrations
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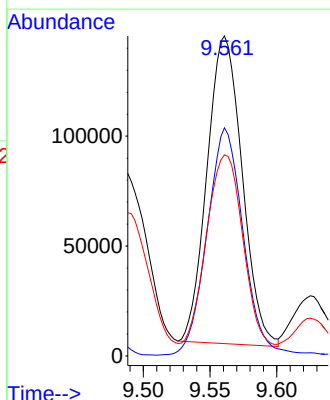
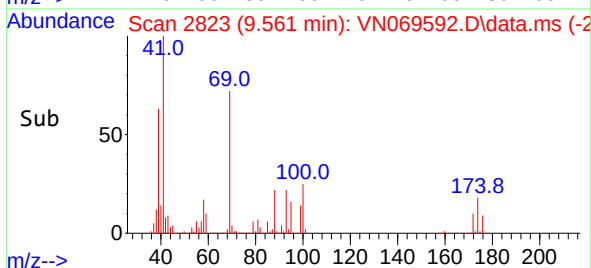
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

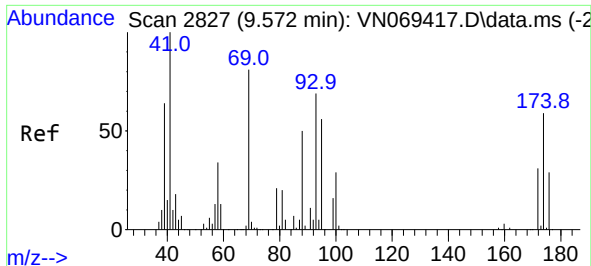


#48
Methyl methacrylate
Concen: 17.394 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



Tgt Ion: 41 Resp: 255987
Ion Ratio Lower Upper
41 100
69 76.2 72.4 108.6
39 70.2 58.4 87.6





#49

1,4-Dioxane

Concen: 325.543 ug/l

RT: 9.569 min Scan# 2827

Delta R.T. -0.003 min

Lab File: VN069592.D

Acq: 19 Nov 2021 18:13

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 88 Resp: 86949

Ion Ratio Lower Upper

88 100

43 34.3 23.4 35.2

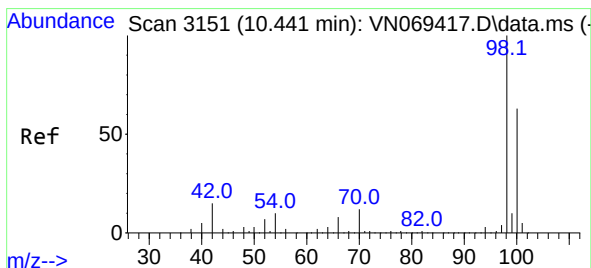
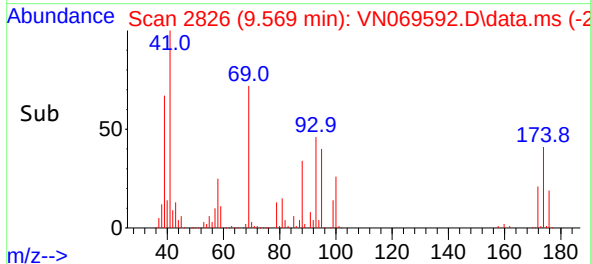
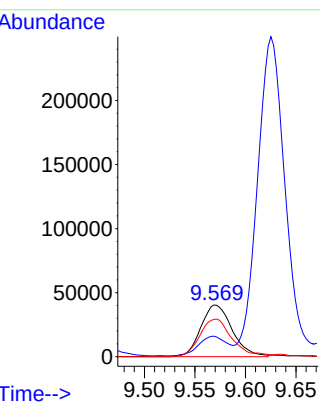
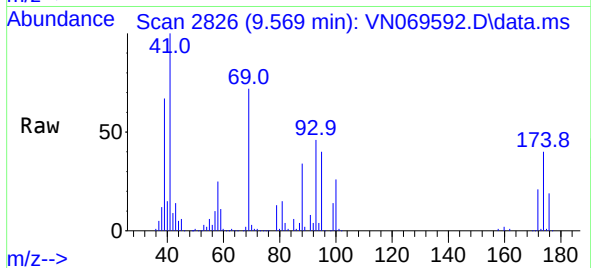
58 75.2 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2021

Supervised By :Mahesh Dadoda 11/26/2021



#50

Toluene-d8

Concen: 46.268 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069592.D

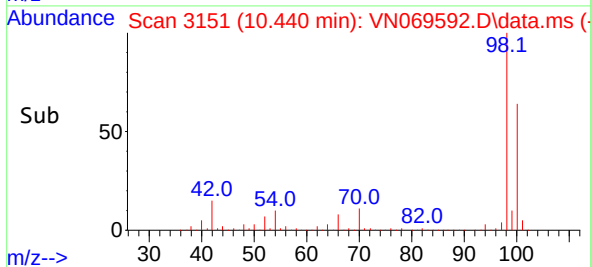
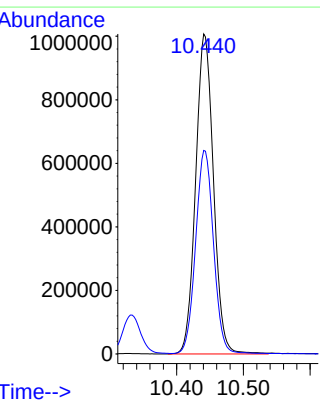
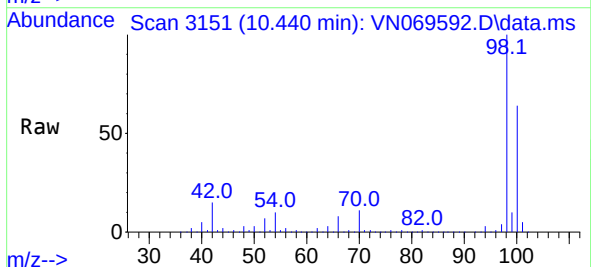
Acq: 19 Nov 2021 18:13

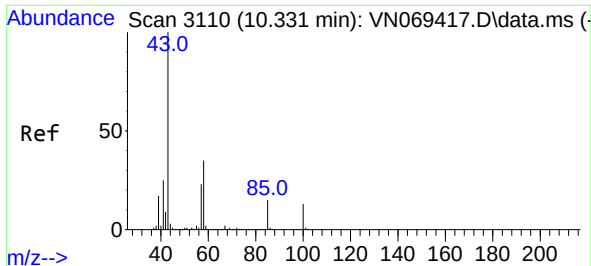
Tgt Ion: 98 Resp: 1868587

Ion Ratio Lower Upper

98 100

100 63.4 50.4 75.6





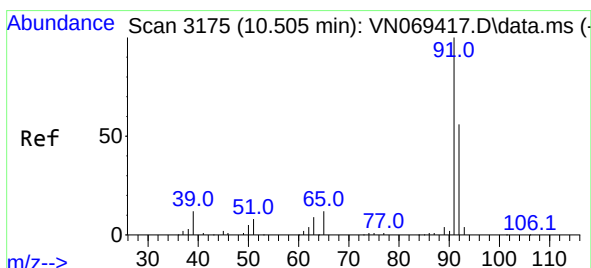
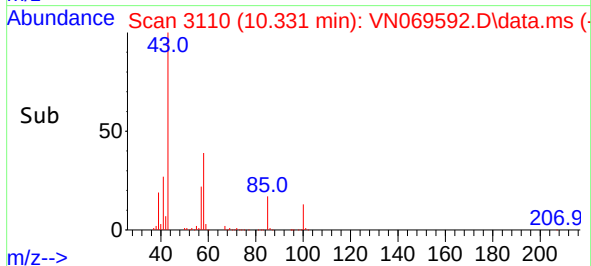
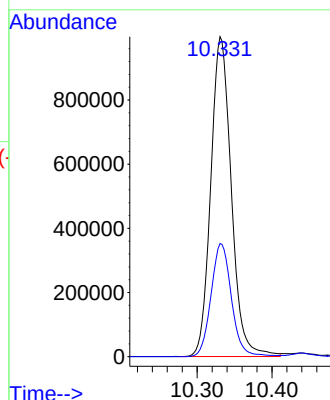
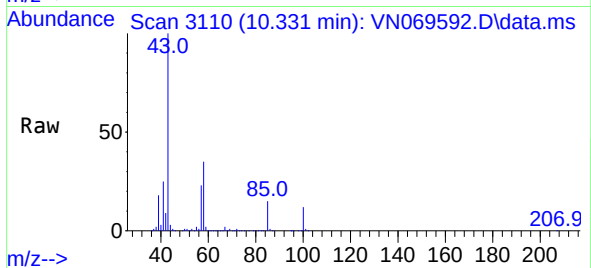
#51
4-Methyl-2-Pentanone
Concen: 94.194 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 190181
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

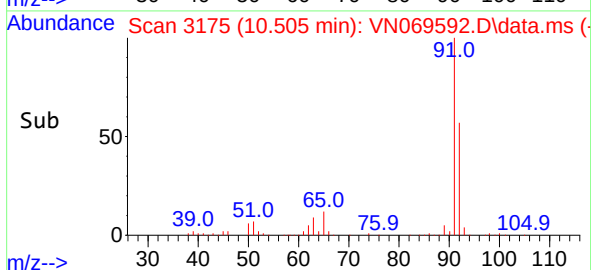
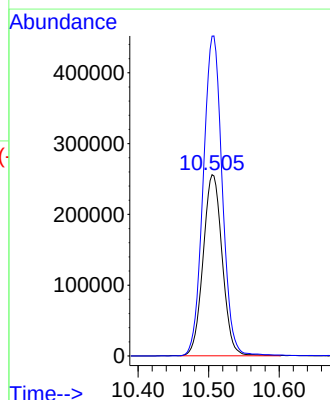
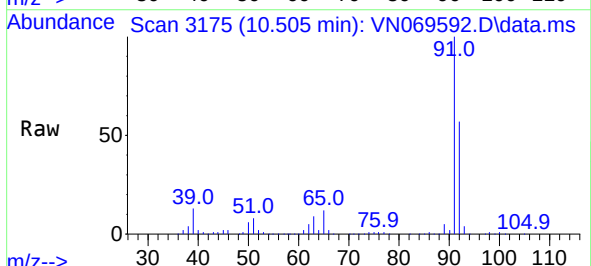
Manual Integrations
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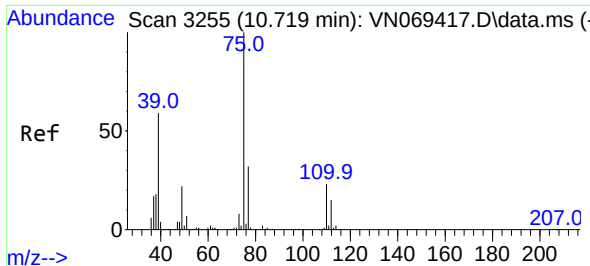
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#52
Toluene
Concen: 17.341 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

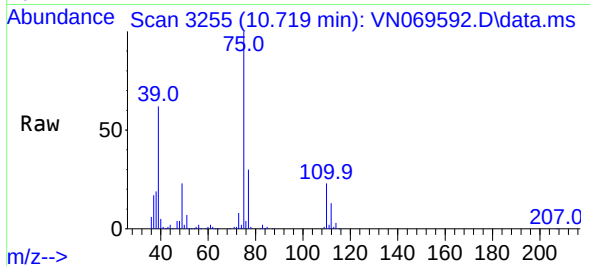
Tgt Ion: 92 Resp: 480400
Ion Ratio Lower Upper
92 100
91 176.4 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 15.918 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

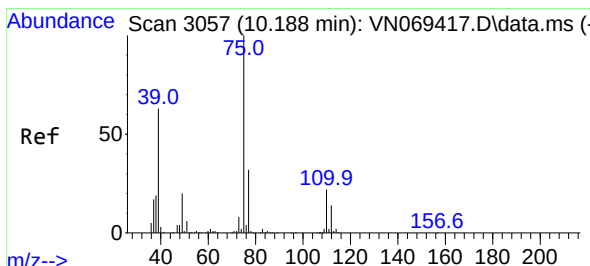
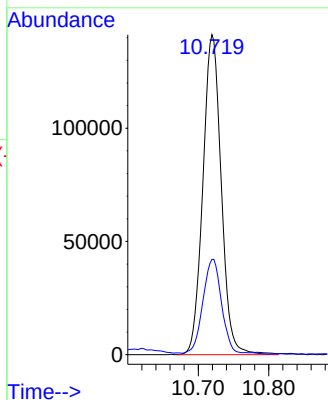
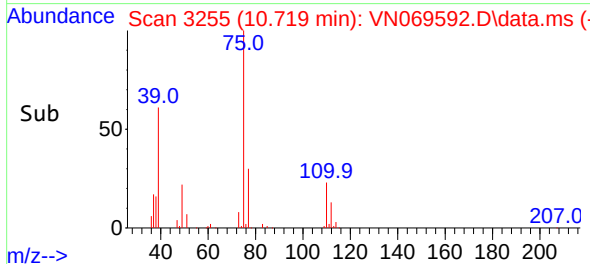
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



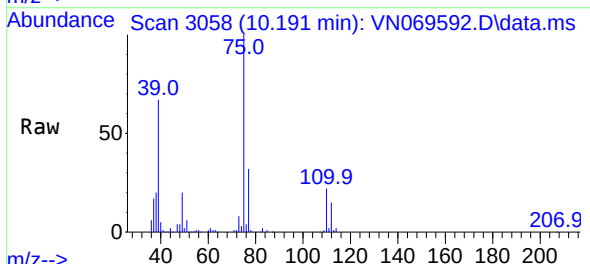
Tgt Ion: 75 Resp: 255972
Ion Ratio Lower Upper
75 100
77 29.5 25.6 38.4

Manual Integrations
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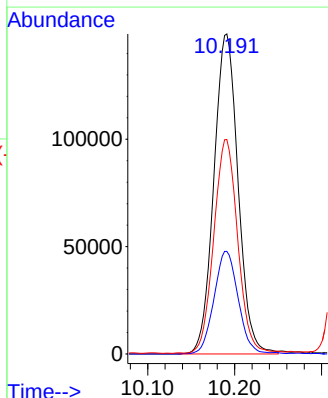
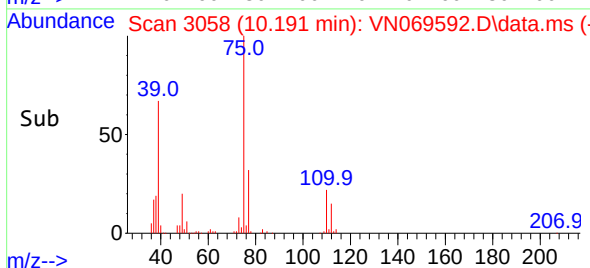
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

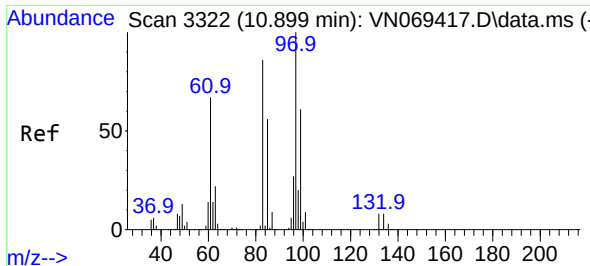


#54
cis-1,3-Dichloropropene
Concen: 16.205 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



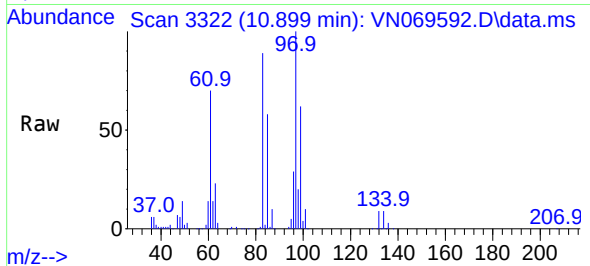
Tgt Ion: 75 Resp: 288426
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 66.6 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 18.423 ug/l
RT: 10.899 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

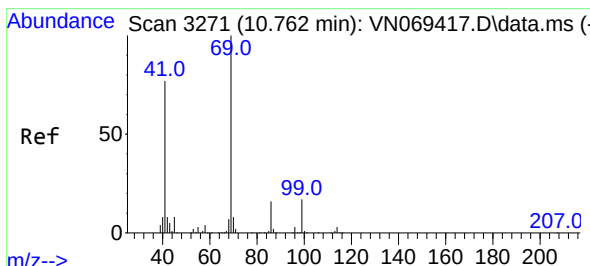
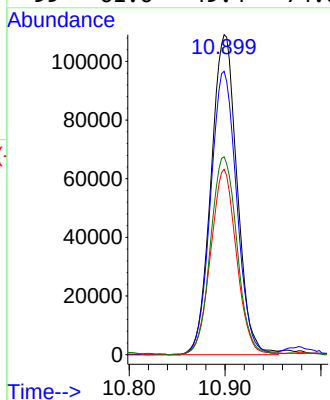
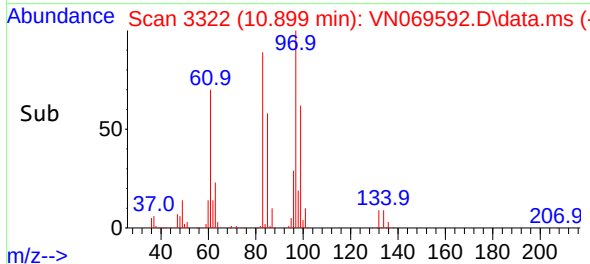


Tgt Ion: 97 Resp: 20573

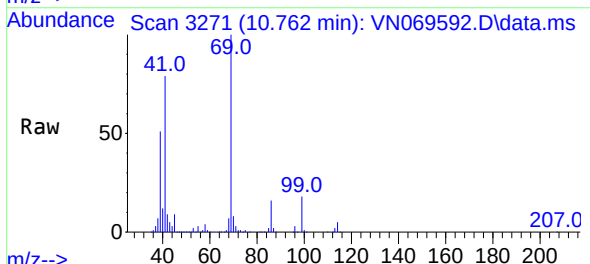
Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.8	101.6
85	57.9	45.4	68.2
99	61.6	49.4	74.0

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Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

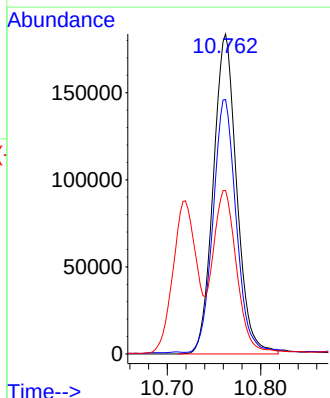
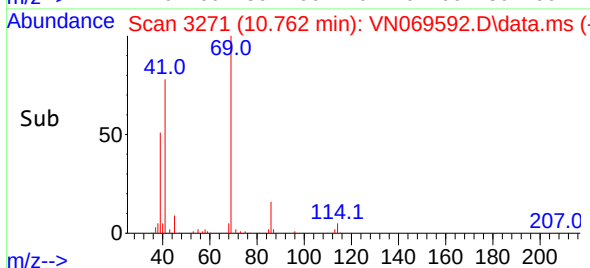


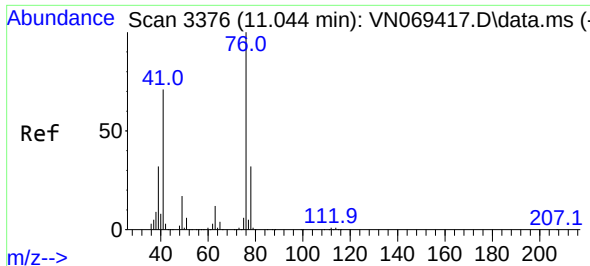
#56
Ethyl methacrylate
Concen: 16.659 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



Tgt Ion: 69 Resp: 320538

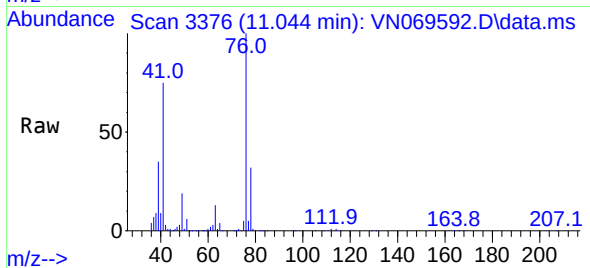
Ion	Ratio	Lower	Upper
69	100		
41	78.1	51.4	77.0#
39	50.3	34.6	52.0





#57
1,3-Dichloropropane
Concen: 18.114 ug/l
RT: 11.044 min Scan# 311
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

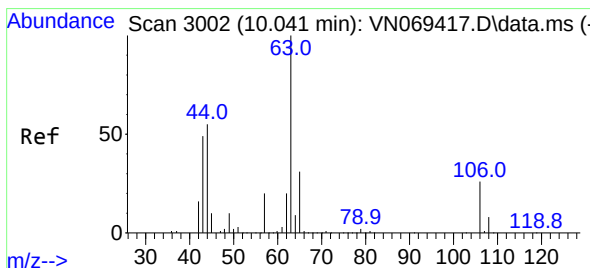
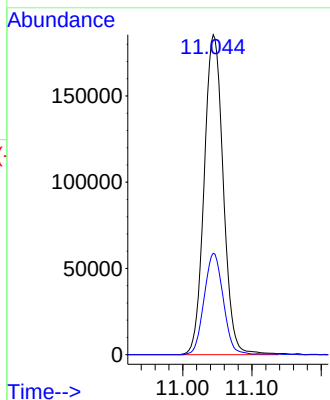
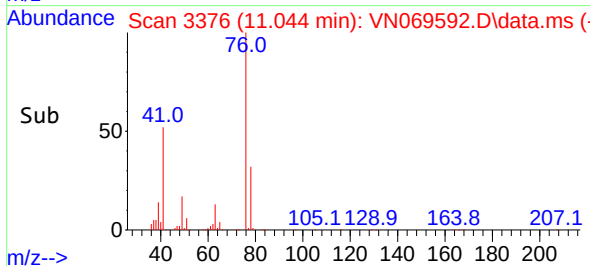
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



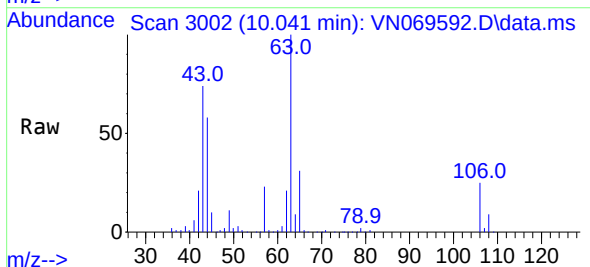
Tgt Ion: 76 Resp: 355448
Ion Ratio Lower Upper
76 100
78 31.7 25.7 38.5

Manual Integrations
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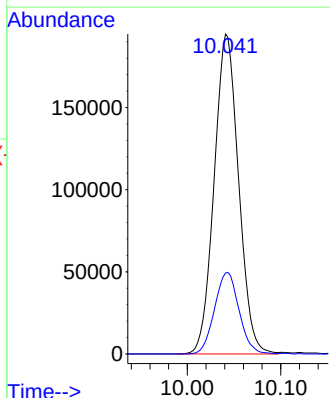
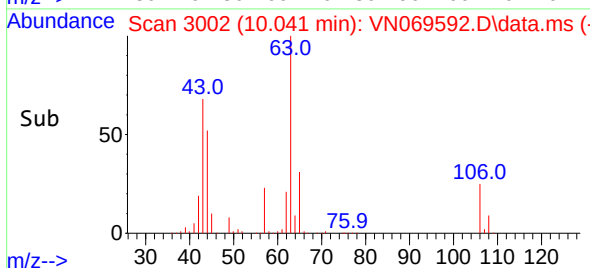
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

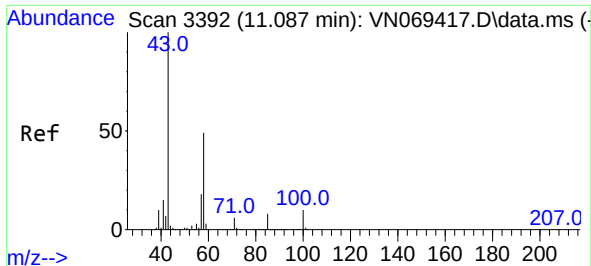


#58
2-Chloroethyl Vinyl ether
Concen: 82.220 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



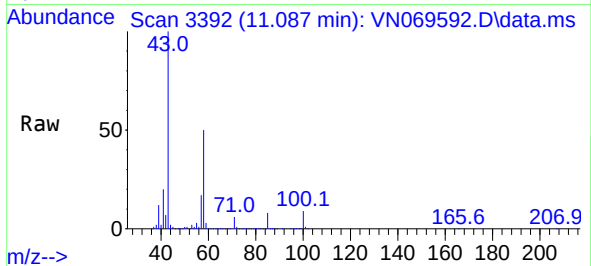
Tgt Ion: 63 Resp: 353931
Ion Ratio Lower Upper
63 100
106 25.5 23.9 35.9





#59
2-Hexanone
Concen: 83.650 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

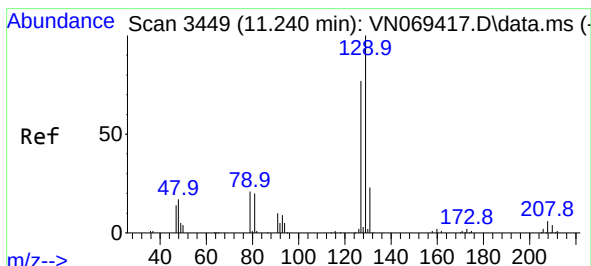
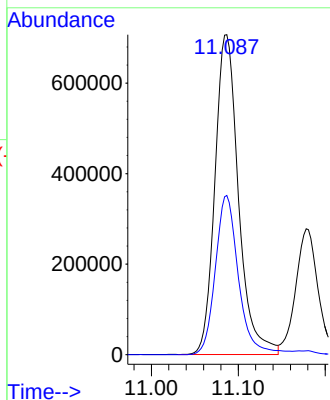
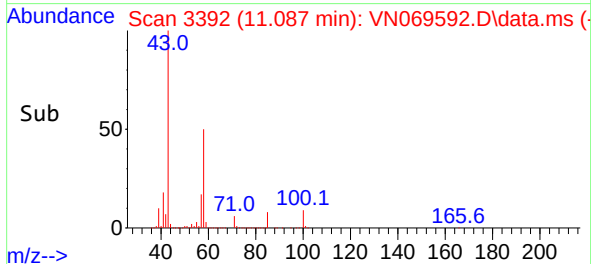
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 43 Resp: 1332989
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

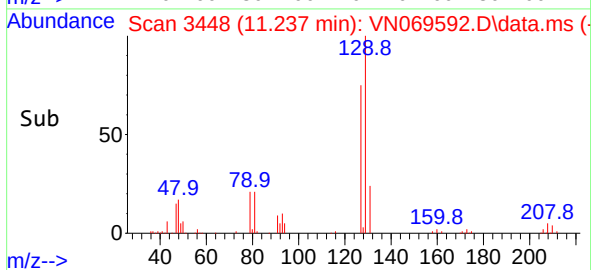
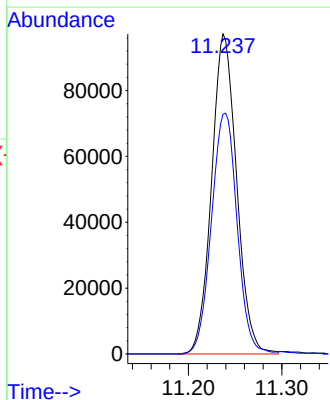
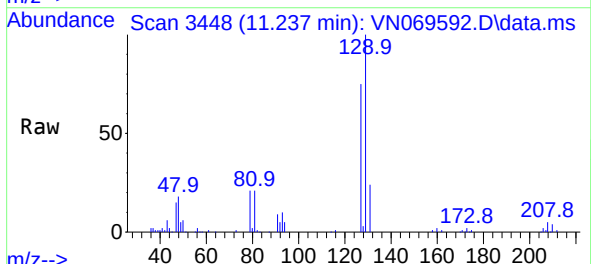
Manual Integrations
APPROVED

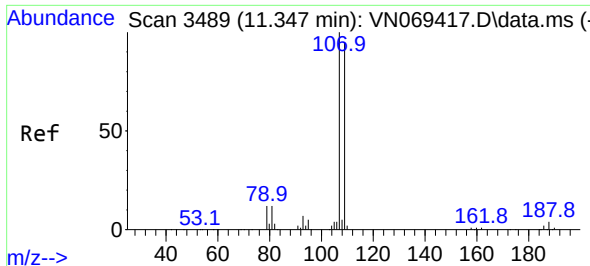
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#60
Dibromochloromethane
Concen: 16.494 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

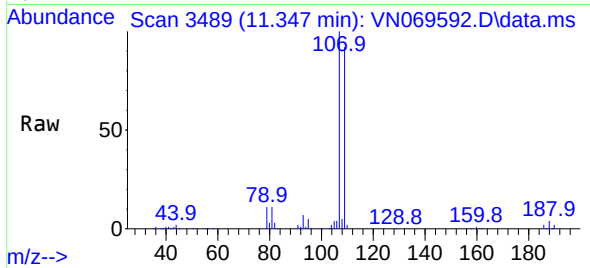
Tgt Ion:129 Resp: 181304
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61
1,2-Dibromoethane
Concen: 16.970 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

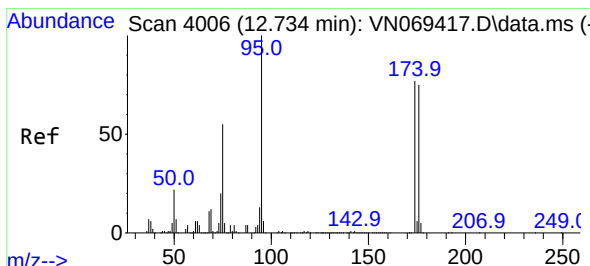
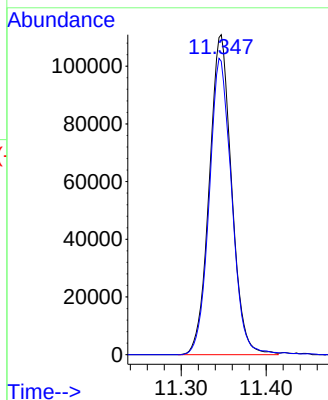
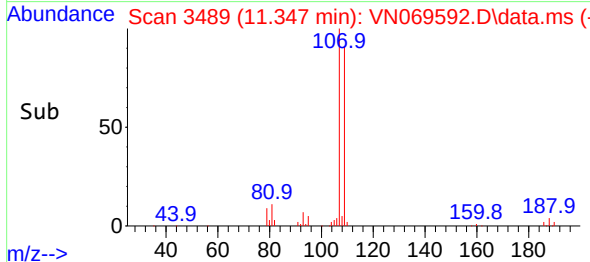
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



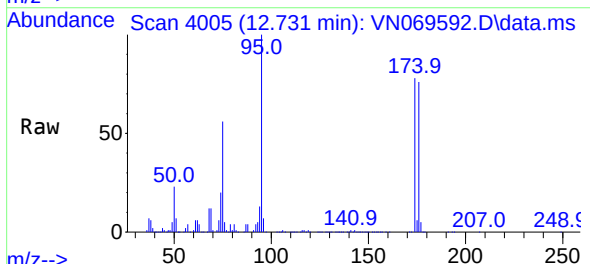
Tgt Ion:107 Resp: 20250
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

Manual Integrations
APPROVED

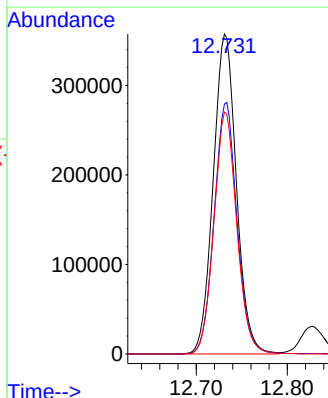
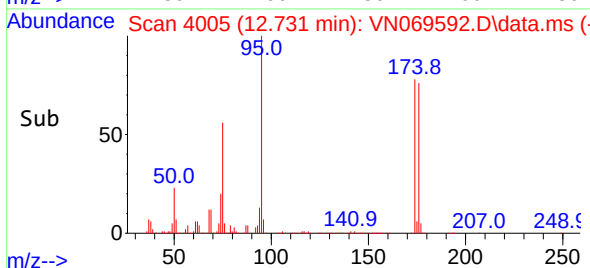
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

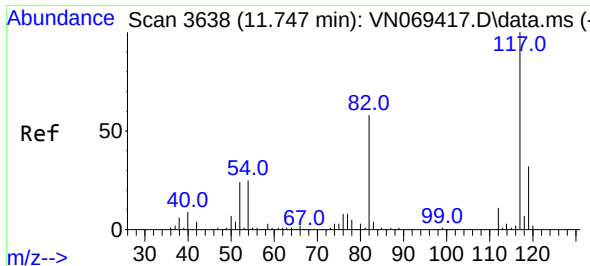


#62
4-Bromofluorobenzene
Concen: 42.537 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



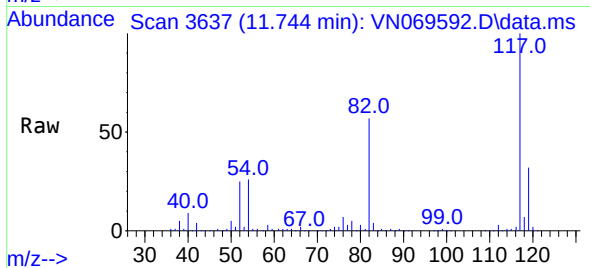
Tgt Ion: 95 Resp: 631094
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 74.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

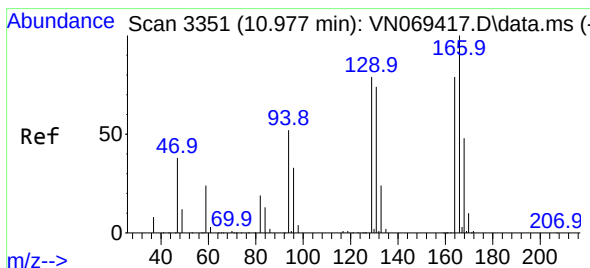
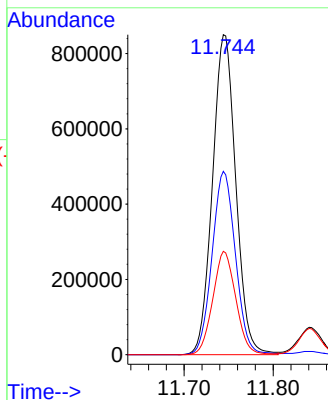
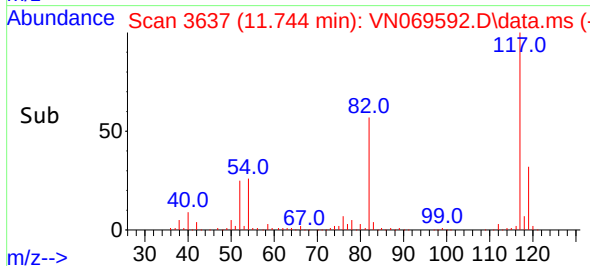
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



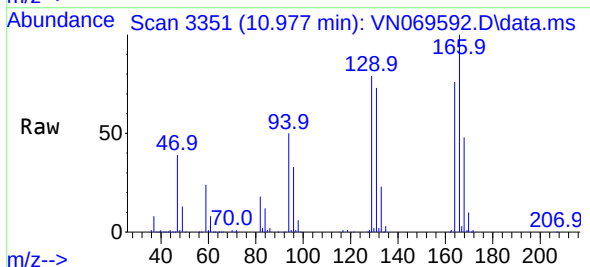
Tgt Ion:117 Resp: 1549310
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

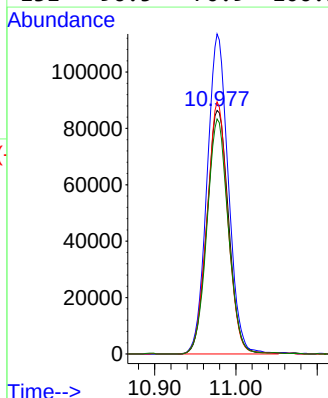
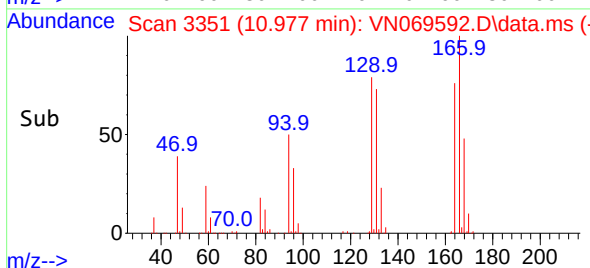
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

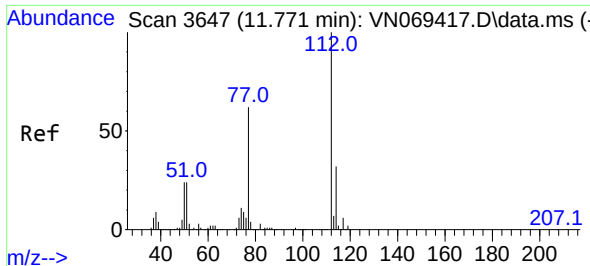


#64
Tetrachloroethene
Concen: 17.182 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



Tgt Ion:164 Resp: 160735
Ion Ratio Lower Upper
164 100
166 131.4 101.9 152.9
129 103.6 72.0 108.0
131 96.5 70.9 106.3





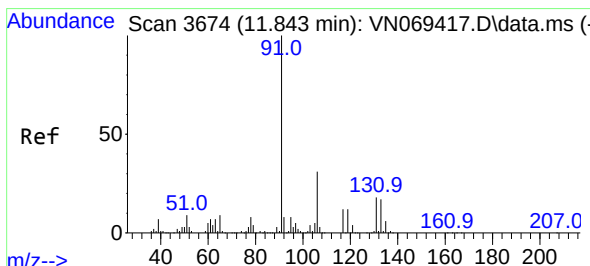
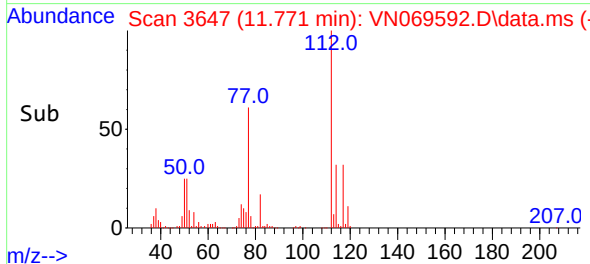
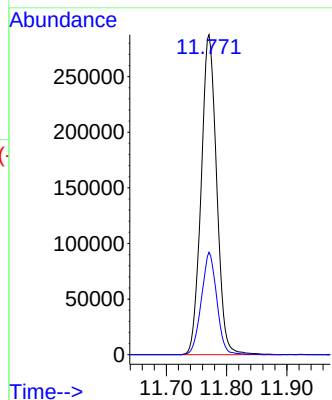
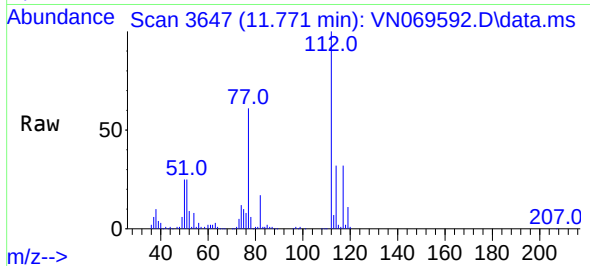
#65
Chlorobenzene
Concen: 17.847 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:112 Resp: 514670
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

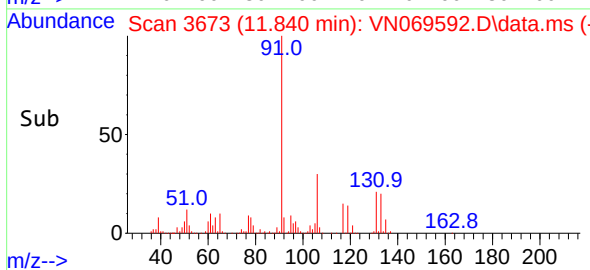
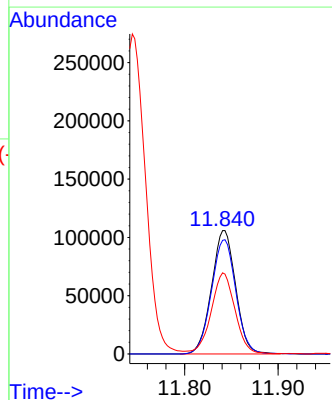
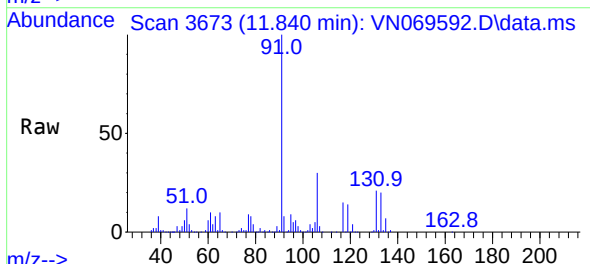
Manual Integrations
APPROVED

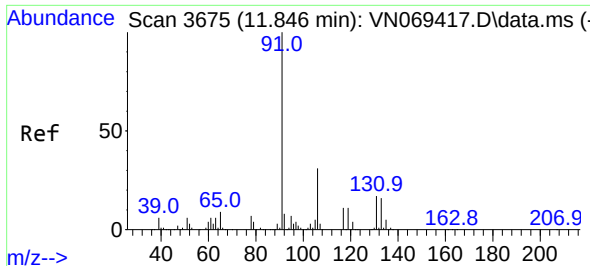
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 18.971 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

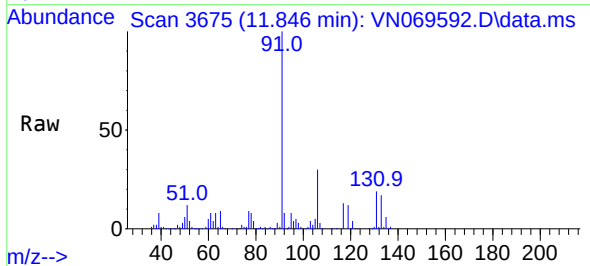
Tgt Ion:131 Resp: 189763
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 17.499 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

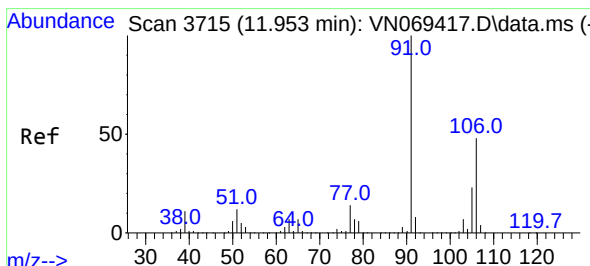
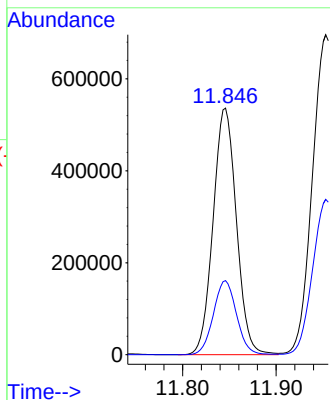
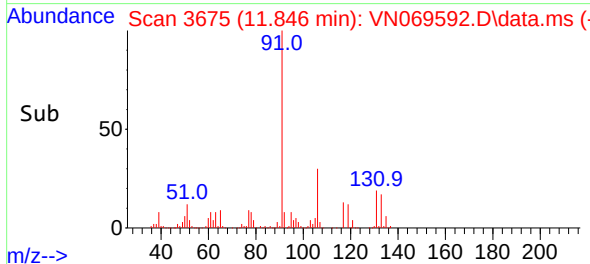
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



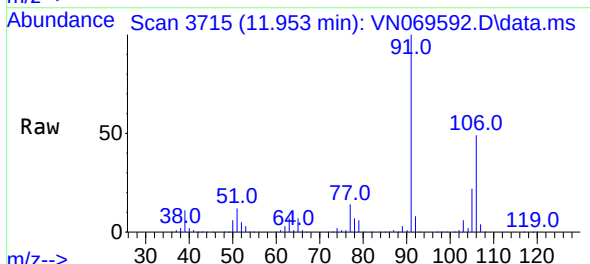
Tgt Ion: 91 Resp: 93073
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

Manual Integrations
APPROVED

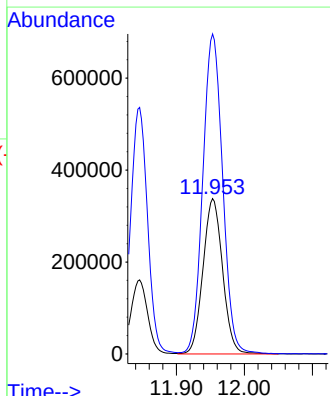
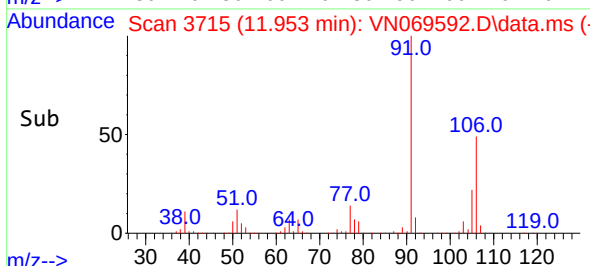
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

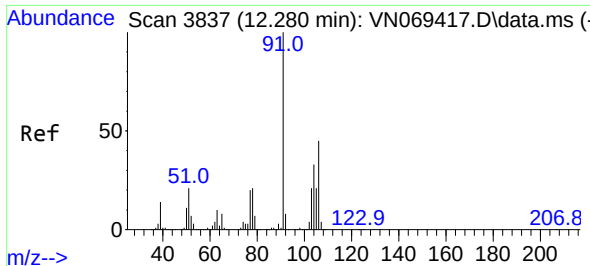


#68
m/p-Xylenes
Concen: 34.530 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



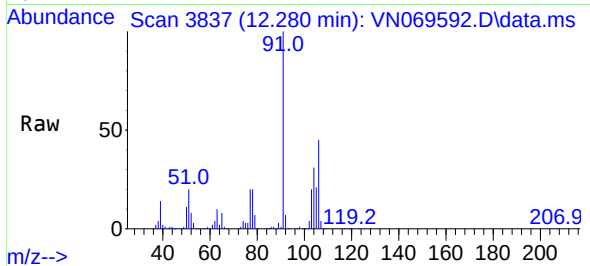
Tgt Ion:106 Resp: 675453
Ion Ratio Lower Upper
106 100
91 208.4 160.6 240.8





#69
o-Xylene
Concen: 17.316 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

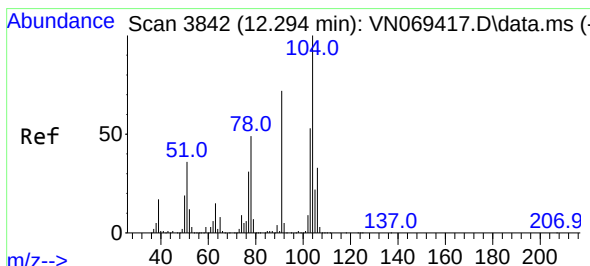
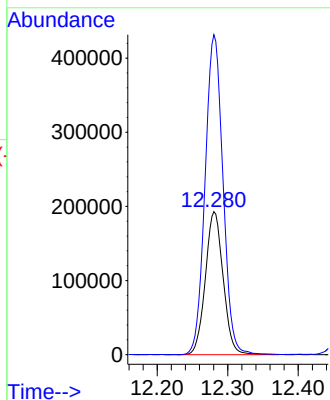
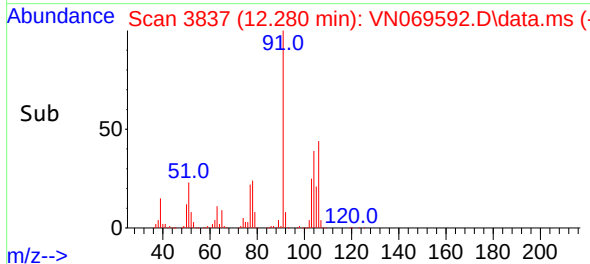
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



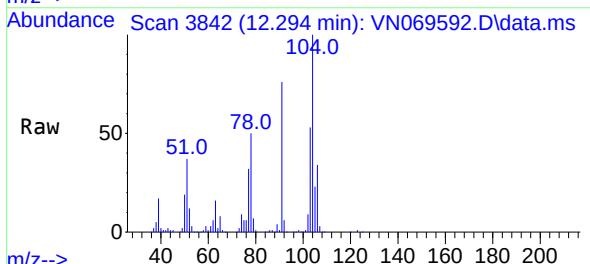
Tgt Ion:106 Resp: 33768
Ion Ratio Lower Upper
106 100
91 225.2 105.8 317.3

Manual Integrations
APPROVED

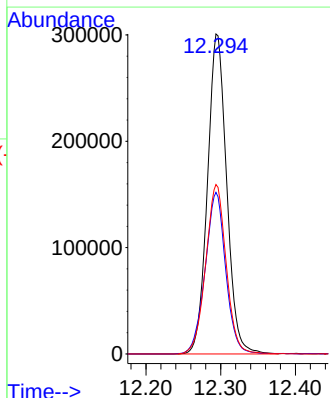
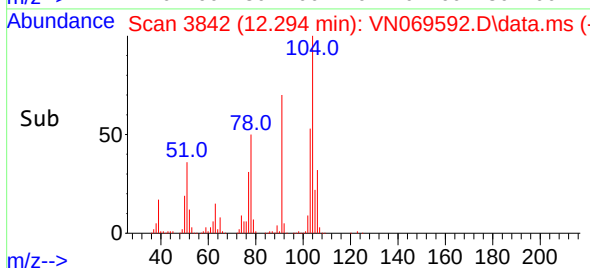
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

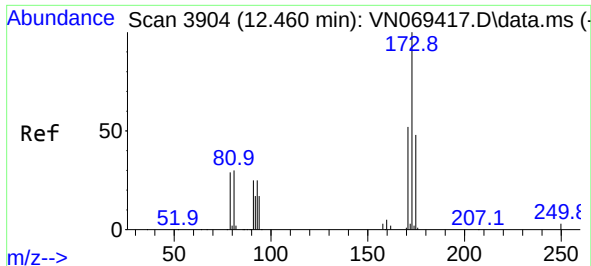


#70
Styrene
Concen: 16.427 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



Tgt Ion:104 Resp: 538321
Ion Ratio Lower Upper
104 100
78 53.9 38.7 58.1
103 56.5 45.0 67.6





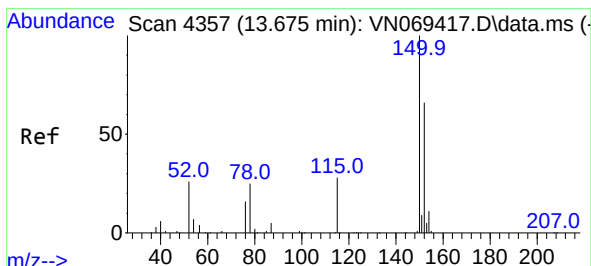
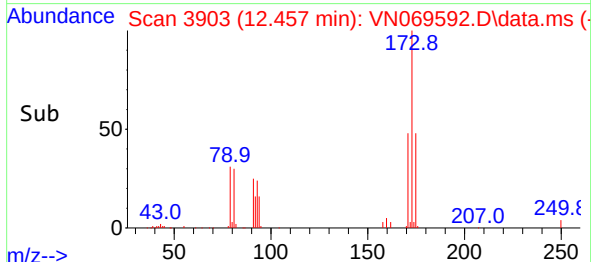
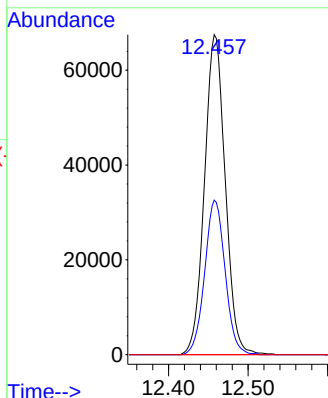
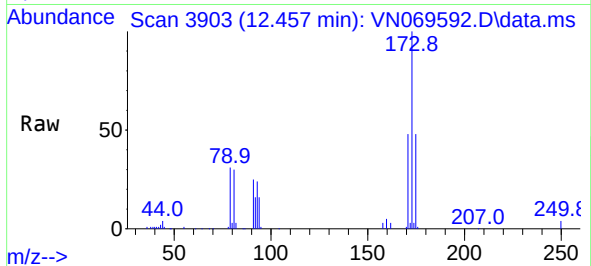
#71
Bromoform
Concen: 16.562 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:173 Resp: 122468
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.0 0.0 0.0

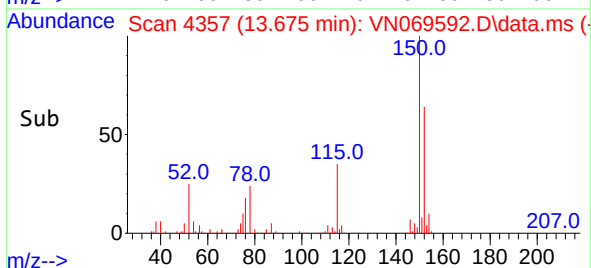
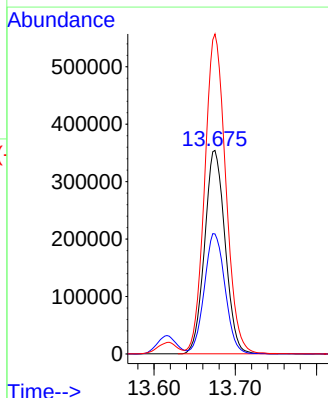
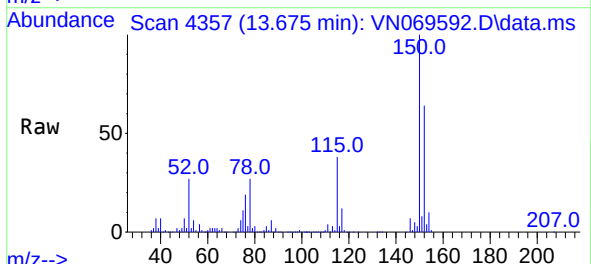
Manual Integrations
APPROVED

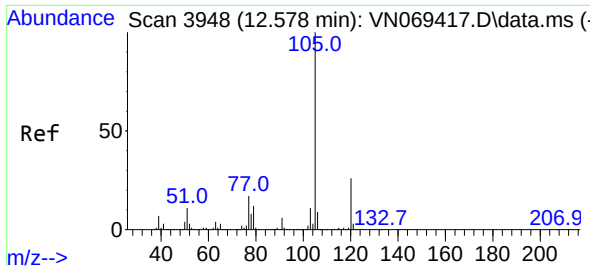
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

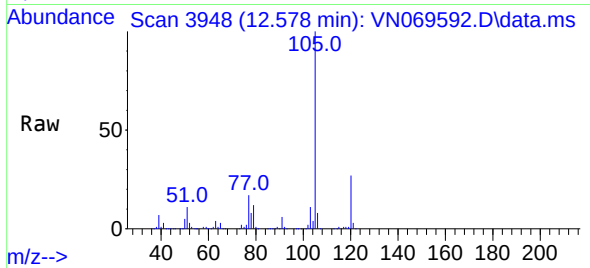
Tgt Ion:152 Resp: 621573
Ion Ratio Lower Upper
152 100
115 59.8 27.5 82.5
150 162.0 0.0 344.4





#73
Isopropylbenzene
Concen: 18.100 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

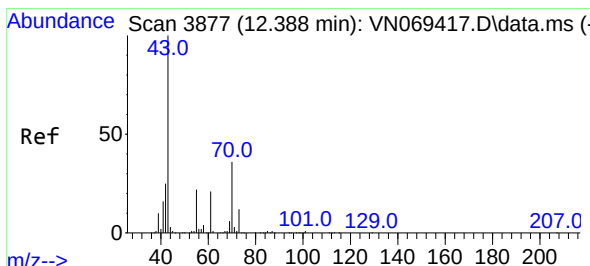
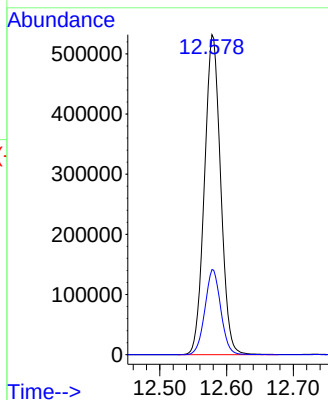
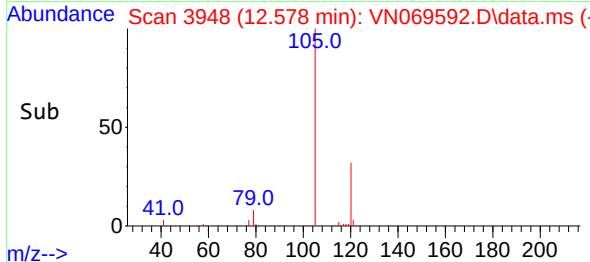
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



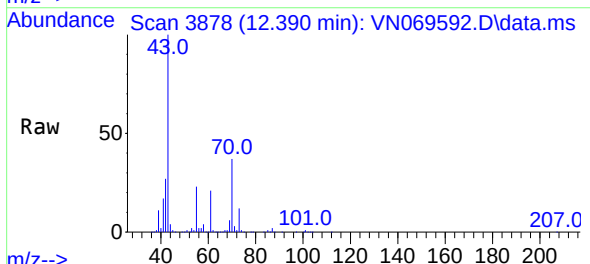
Tgt Ion:105 Resp: 895760
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

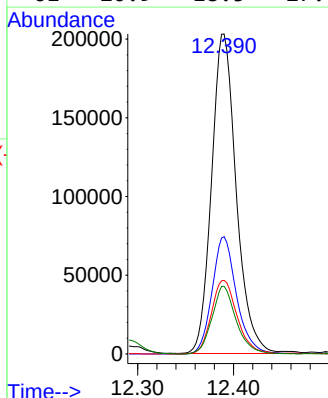
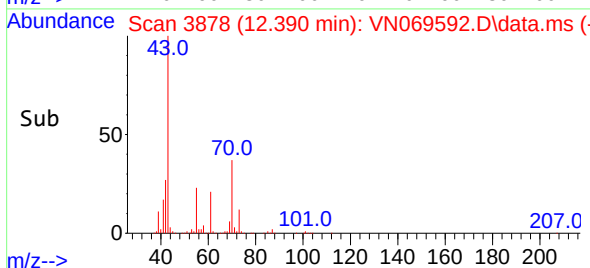
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

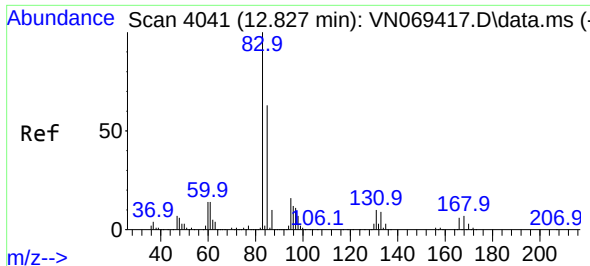


#74
N-ethyl acetate
Concen: 17.265 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



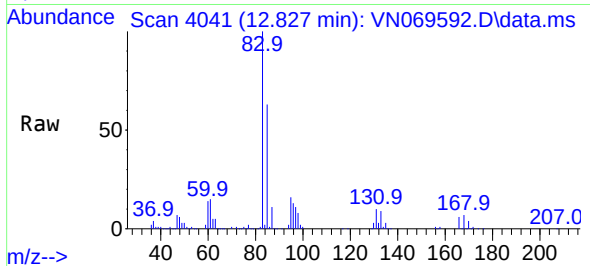
Tgt Ion: 43 Resp: 362106
Ion Ratio Lower Upper
43 100
70 36.5 33.4 50.0
55 24.1 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.688 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

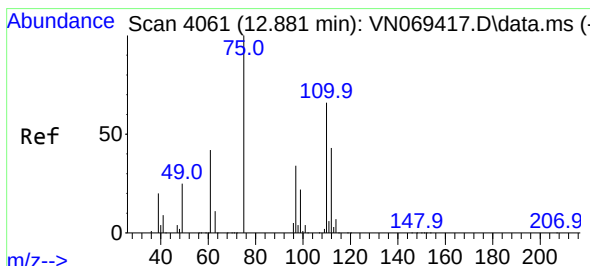
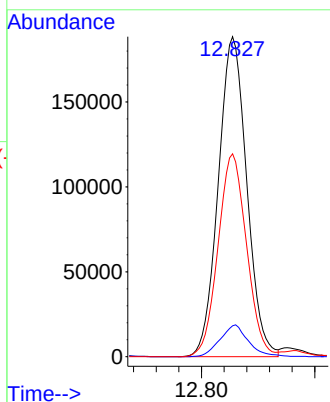
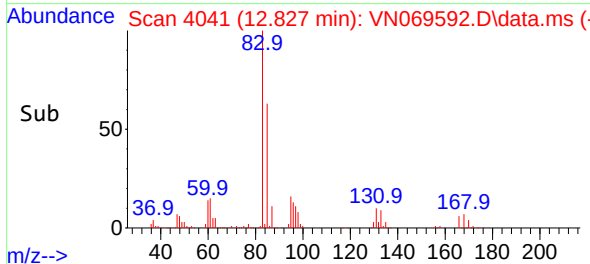
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



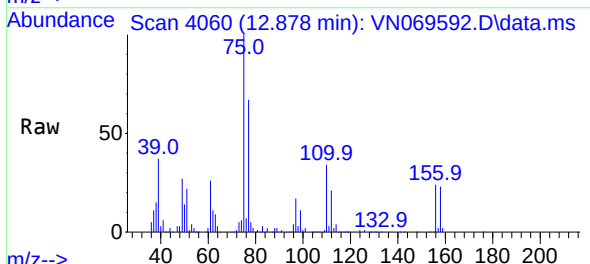
Tgt Ion: 83 Resp: 32863
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
APPROVED

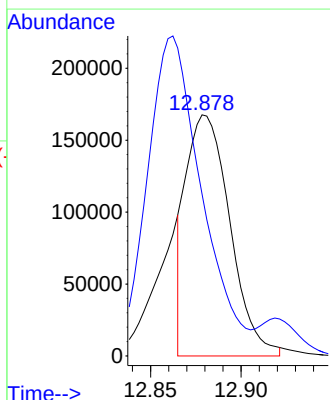
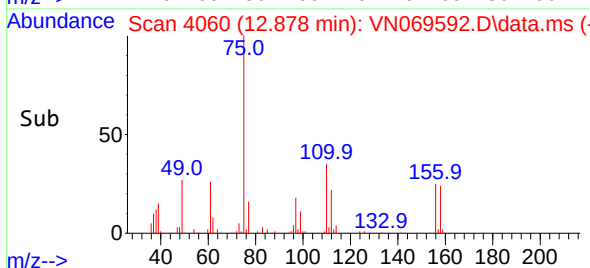
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

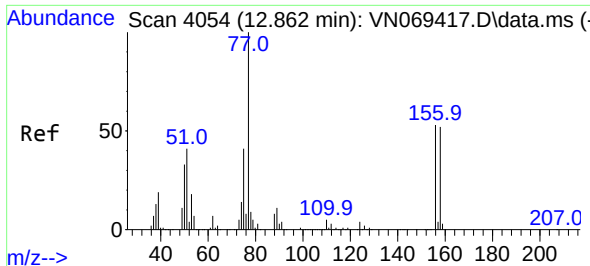


#76
1,2,3-Trichloropropane
Concen: 19.705 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



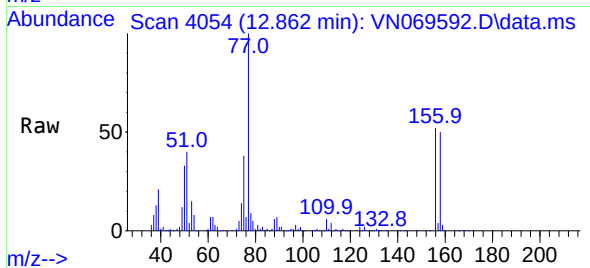
Tgt Ion: 75 Resp: 282661
Ion Ratio Lower Upper
75 100
77 164.7 82.6 247.8





#77
Bromobenzene
Concen: 18.239 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

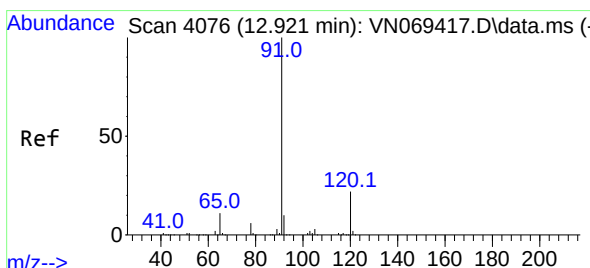
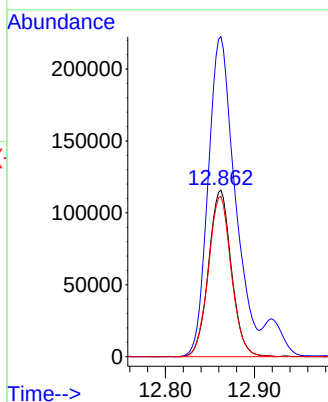
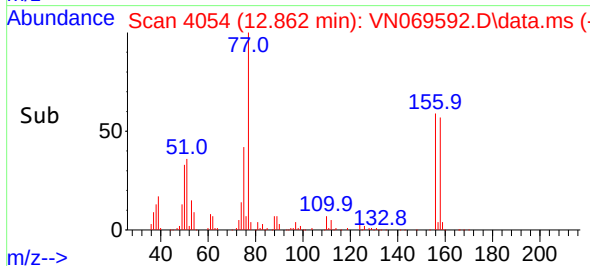
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion:156 Resp: 206435
Ion Ratio Lower Upper
156 100
77 225.5 90.6 271.8
158 96.7 48.9 146.7

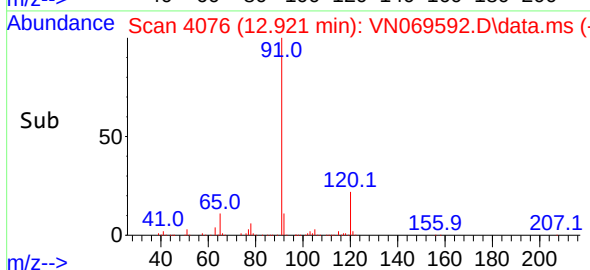
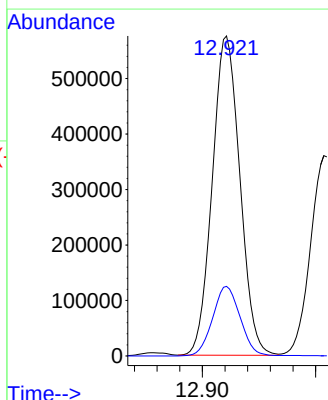
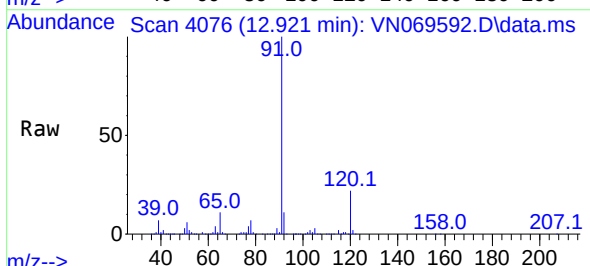
Manual Integrations
APPROVED

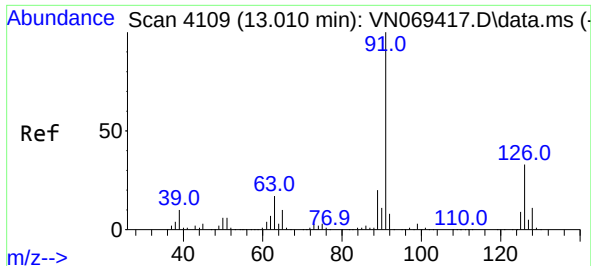
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#78
n-propylbenzene
Concen: 17.480 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion: 91 Resp: 973411
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





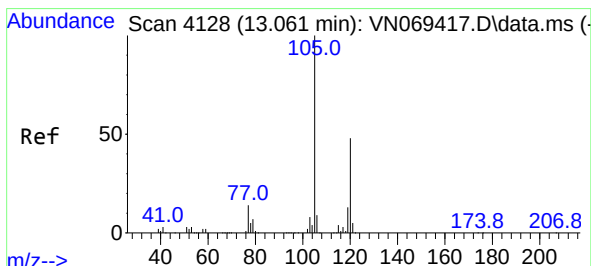
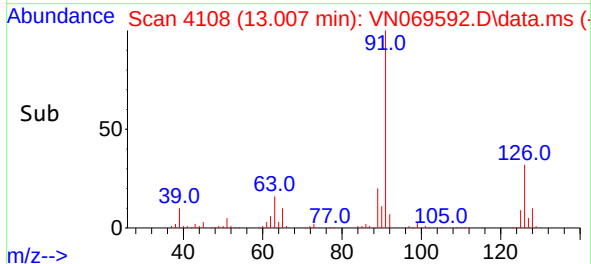
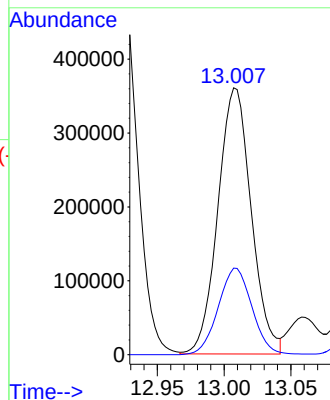
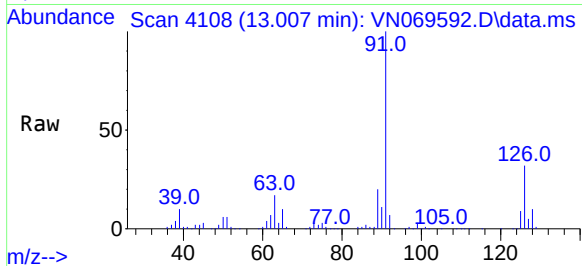
#79
2-Chlorotoluene
Concen: 18.168 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 91 Resp: 626430
Ion Ratio Lower Upper
91 100
126 33.0 18.3 54.8

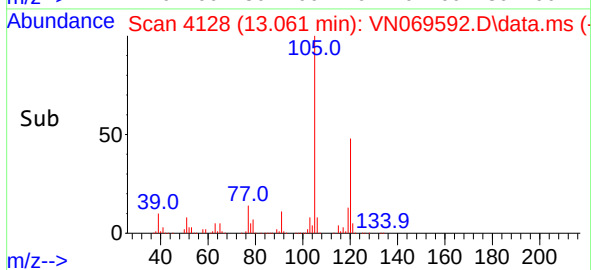
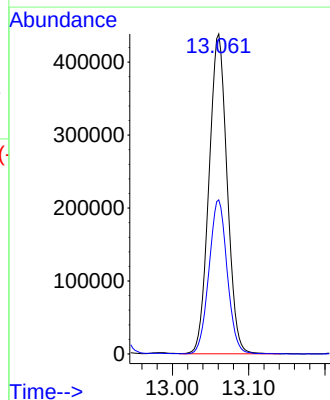
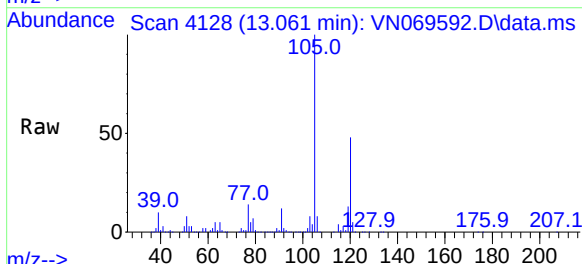
Manual Integrations
APPROVED

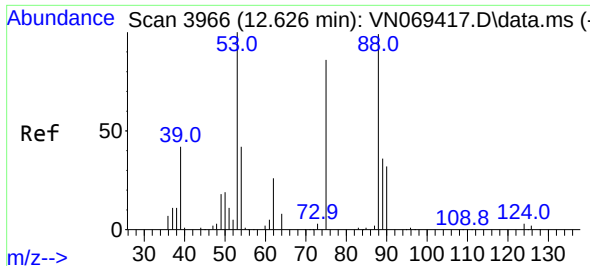
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.040 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion:105 Resp: 721763
Ion Ratio Lower Upper
105 100
120 48.3 24.6 73.6





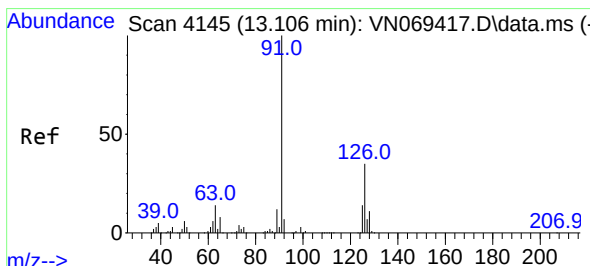
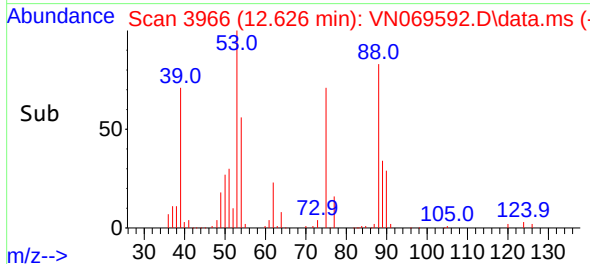
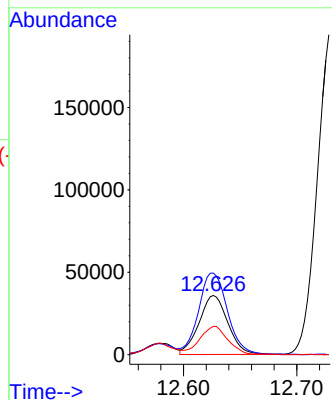
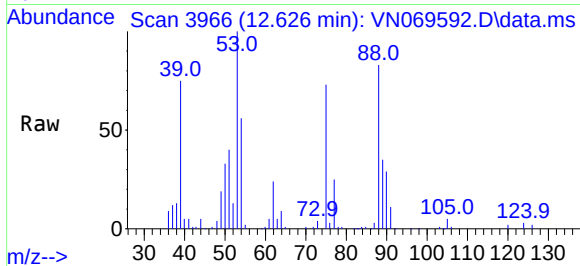
#81
trans-1,4-Dichloro-2-butene
Concen: 17.344 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 75 Resp: 62980
Ion Ratio Lower Upper
75 100
53 138.9 90.5 135.7
89 45.2 38.2 57.4

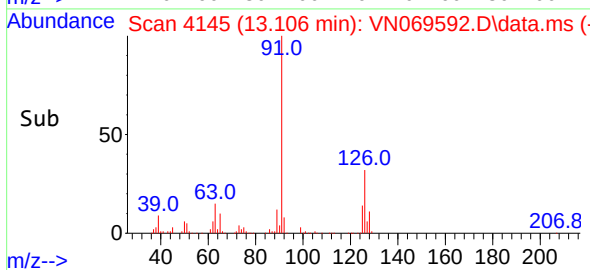
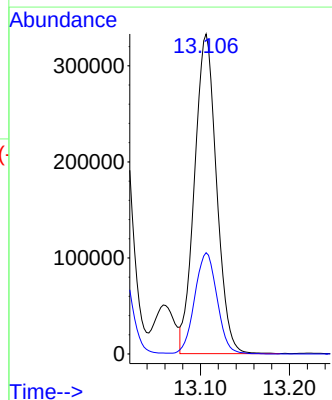
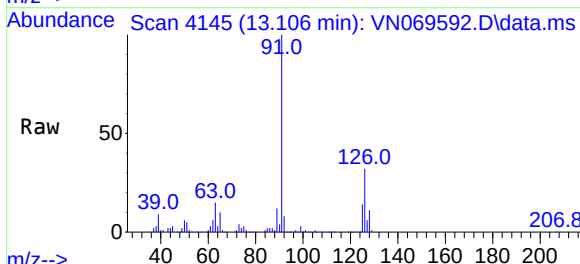
Manual Integrations
APPROVED

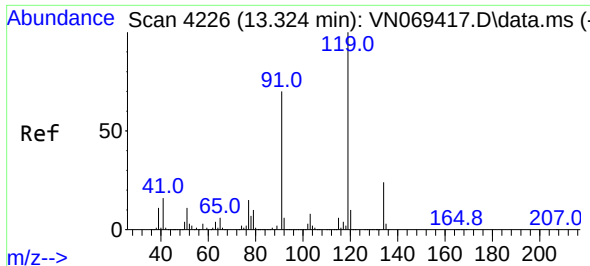
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#82
4-Chlorotoluene
Concen: 17.377 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion: 91 Resp: 571180
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





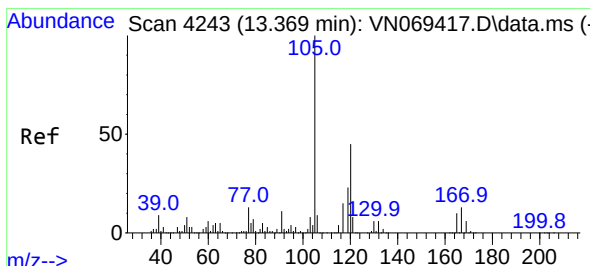
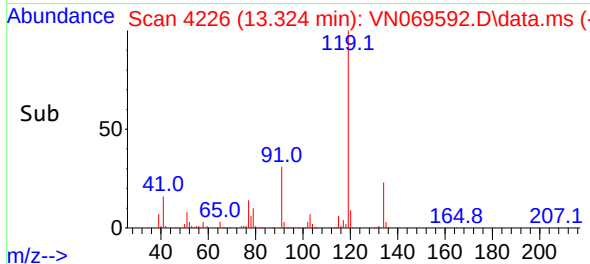
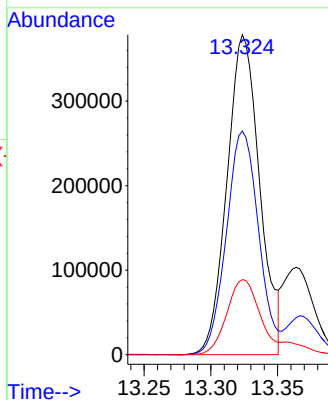
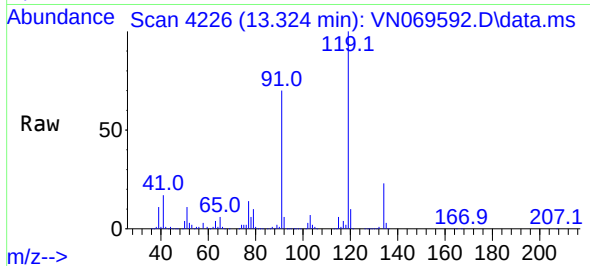
#83
tert-Butylbenzene
Concen: 18.423 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:119 Resp: 645911
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 24.0 12.4 37.4

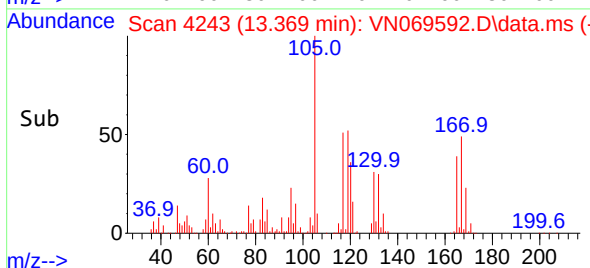
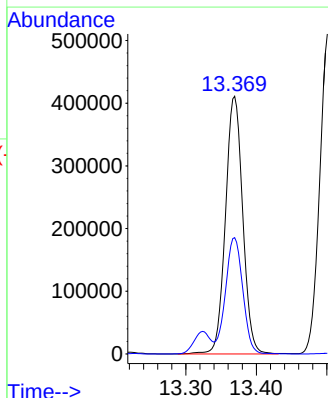
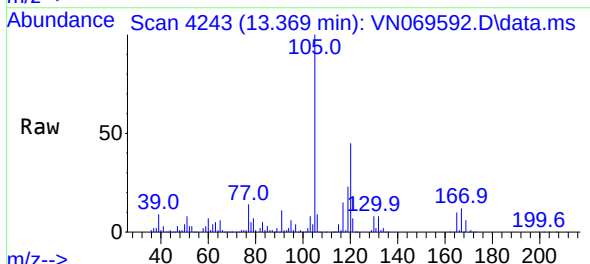
Manual Integrations
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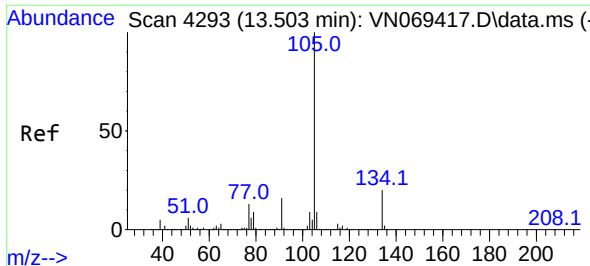
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#84
1,2,4-Trimethylbenzene
Concen: 18.108 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion:105 Resp: 699406
Ion Ratio Lower Upper
105 100
120 45.1 22.8 68.4





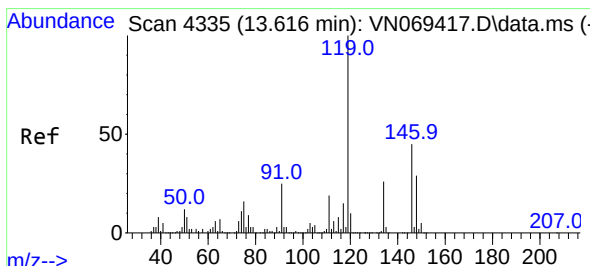
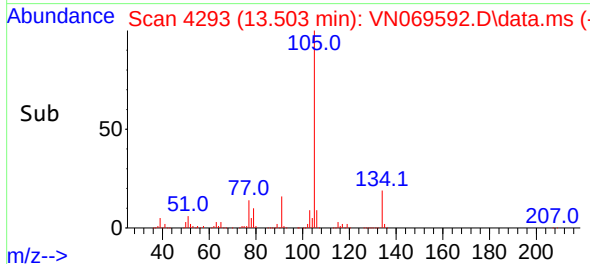
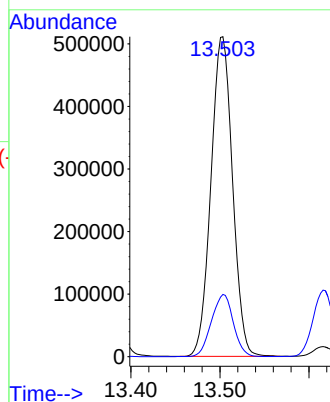
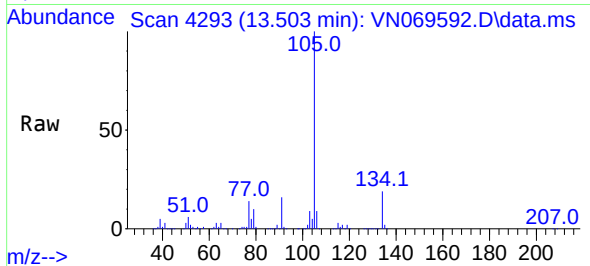
#85
 sec-Butylbenzene
 Concen: 17.594 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069592.D
 Acq: 19 Nov 2021 18:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion:105 Resp: 86168
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

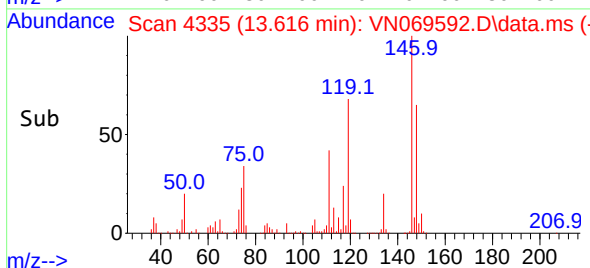
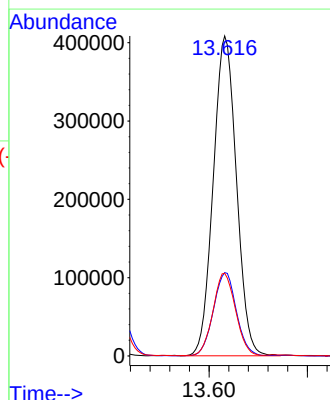
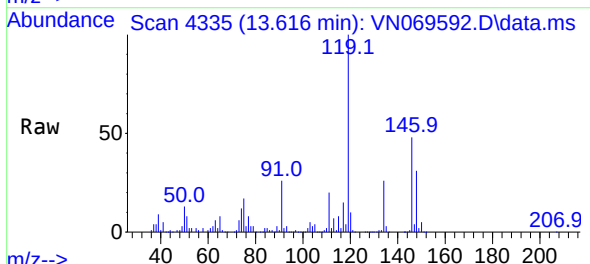
Manual Integrations
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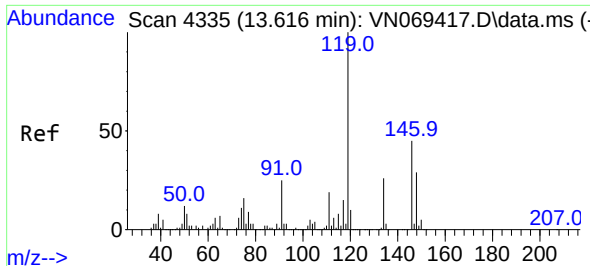
Reviewed By :John Carlone 11/22/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#86
 p-Isopropyltoluene
 Concen: 17.190 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069592.D
 Acq: 19 Nov 2021 18:13

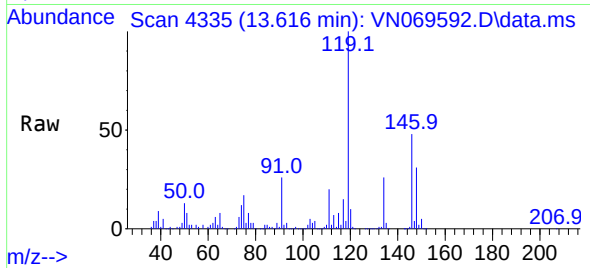
Tgt Ion:119 Resp: 668353
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.280 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

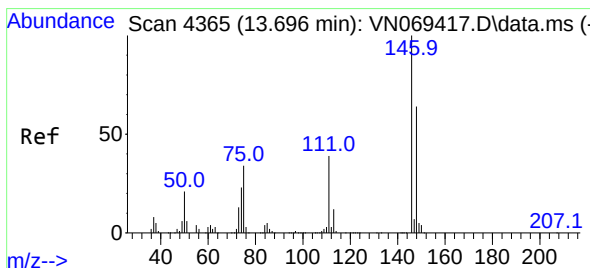
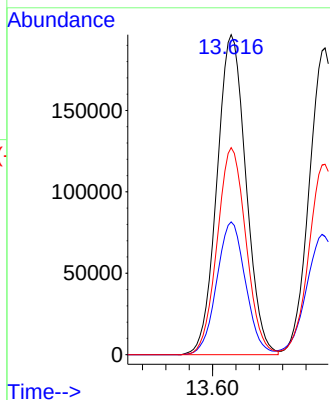
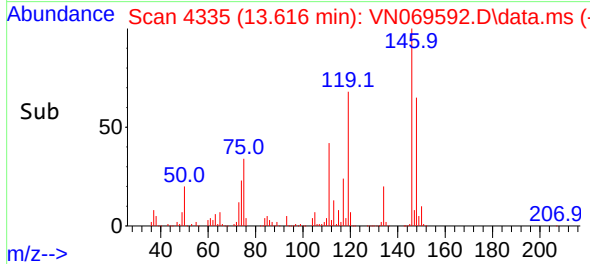
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



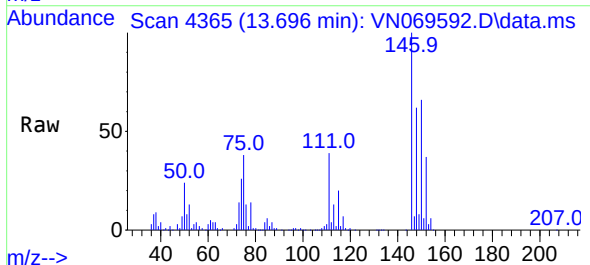
Tgt Ion:146 Resp: 339080
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 64.6 31.6 95.0

Manual Integrations
APPROVED

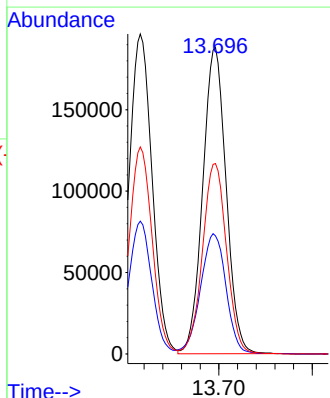
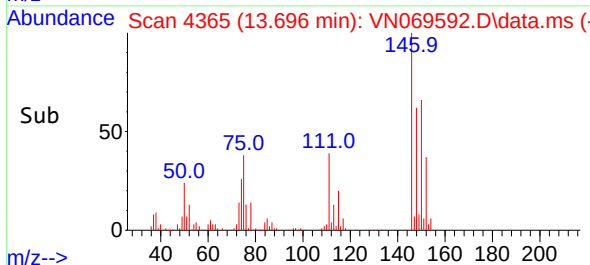
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

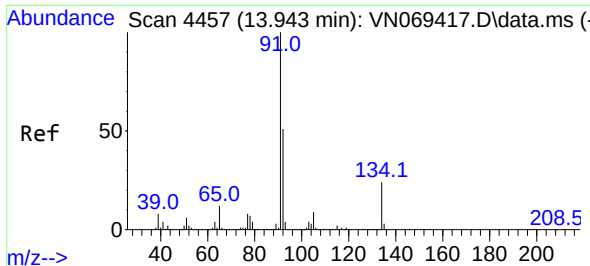


#88
1,4-Dichlorobenzene
Concen: 17.006 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



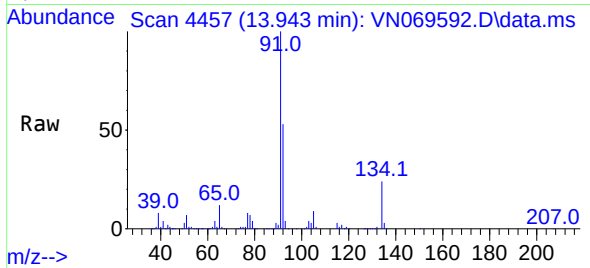
Tgt Ion:146 Resp: 327385
Ion Ratio Lower Upper
146 100
111 42.6 18.3 54.8
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 15.019 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

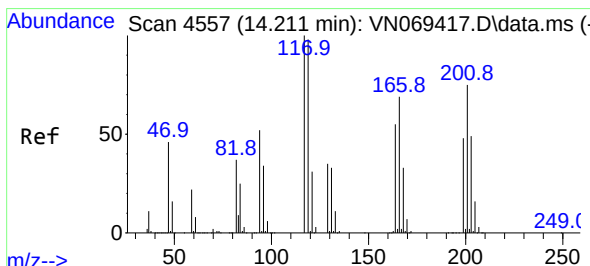
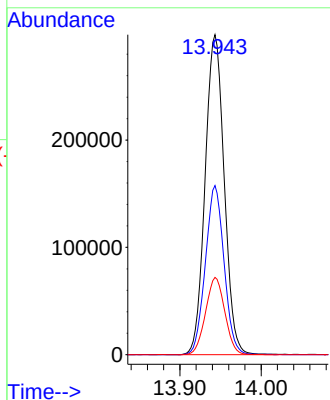
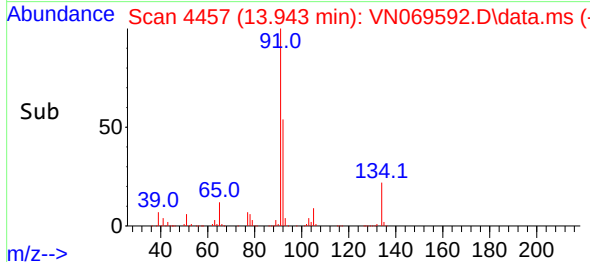
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



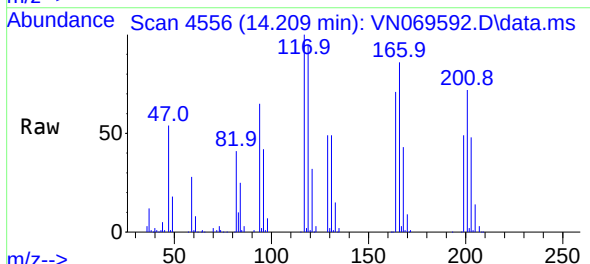
Tgt Ion: 91 Resp: 486959
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.4 13.6 40.8

Manual Integrations
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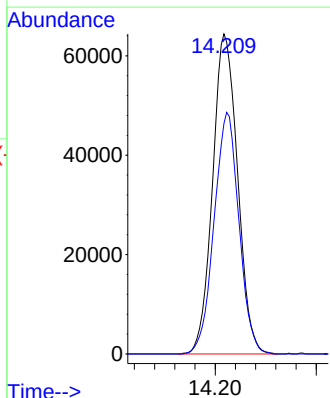
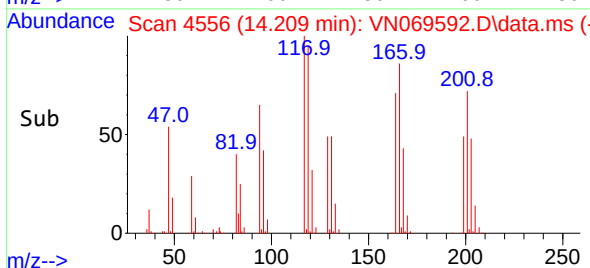
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

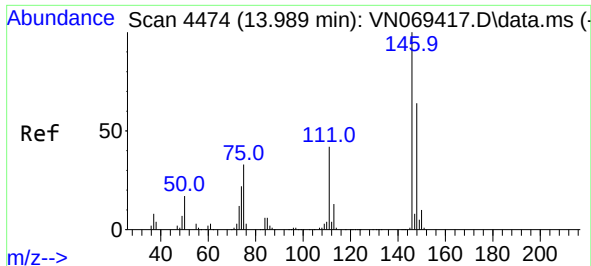


#90
Hexachloroethane
Concen: 16.938 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



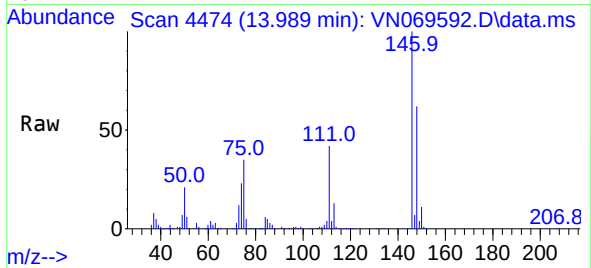
Tgt Ion:117 Resp: 110364
Ion Ratio Lower Upper
117 100
201 75.1 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.667 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

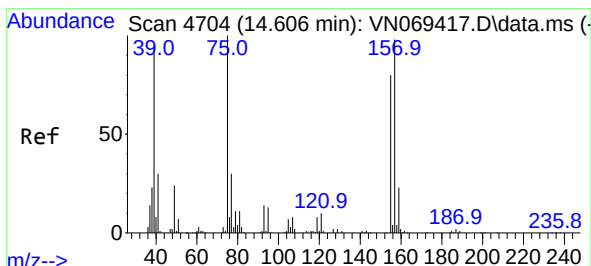
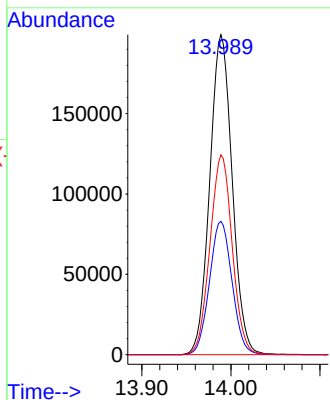
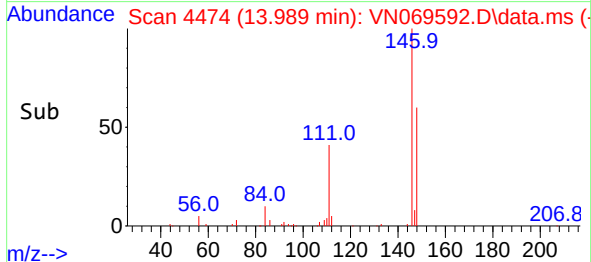
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



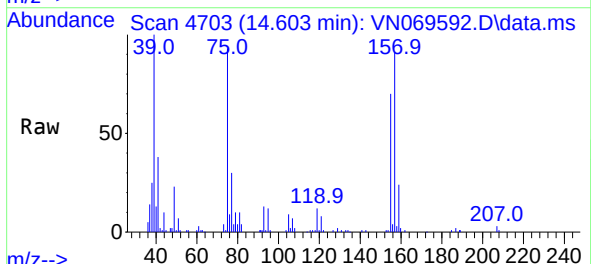
Tgt Ion:146 Resp: 34855
Ion Ratio Lower Upper
146 100
111 42.0 19.1 57.3
148 62.2 32.1 96.3

Manual Integrations
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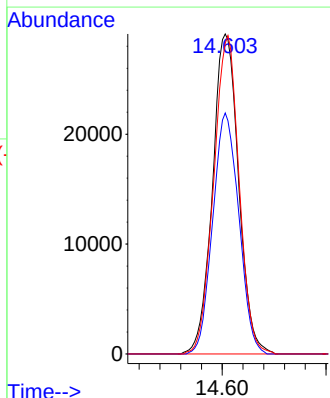
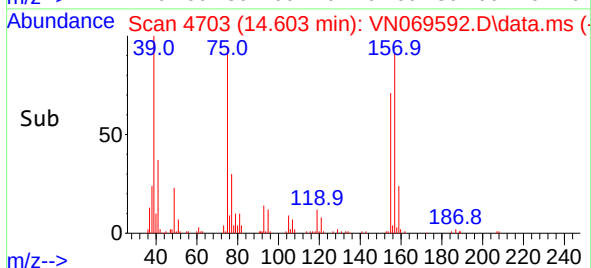
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

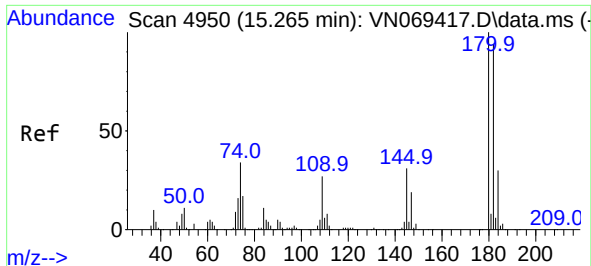


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.592 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



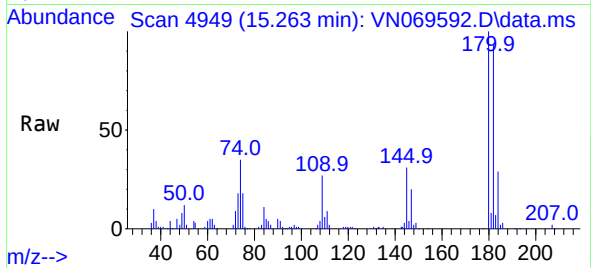
Tgt Ion: 75 Resp: 50845
Ion Ratio Lower Upper
75 100
155 75.2 46.9 140.7
157 96.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 15.203 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

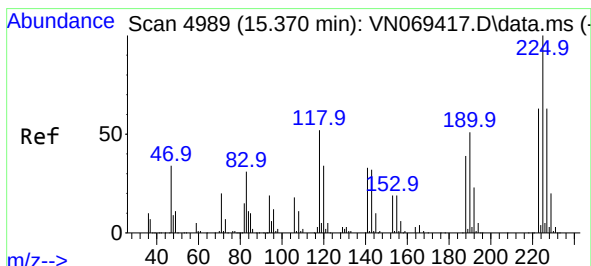
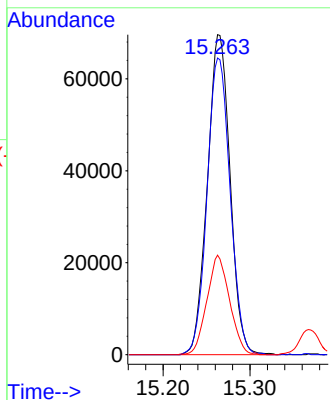
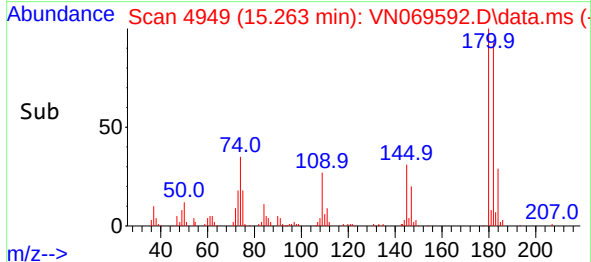
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



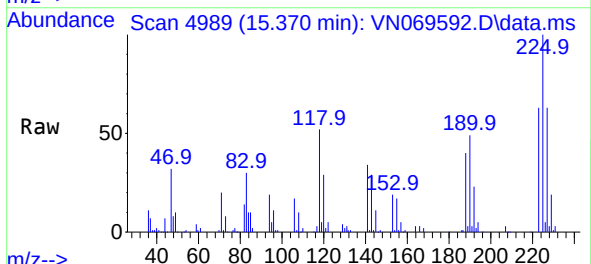
Tgt Ion:180 Resp: 126135
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
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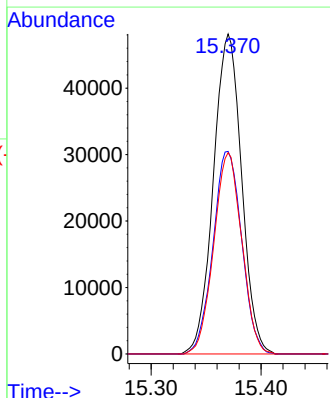
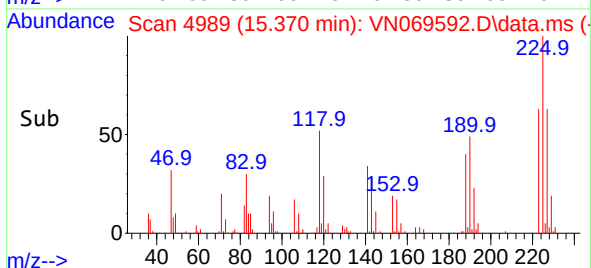
Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021

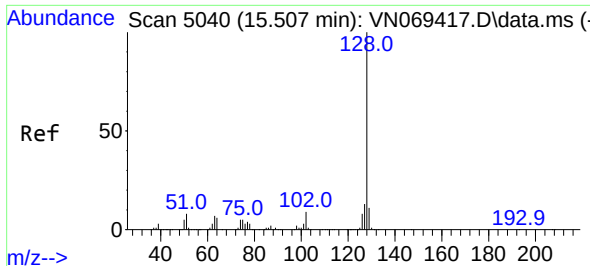


#94
Hexachlorobutadiene
Concen: 17.688 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13



Tgt Ion:225 Resp: 85819
Ion Ratio Lower Upper
225 100
223 64.4 31.9 95.7
227 62.5 32.1 96.3





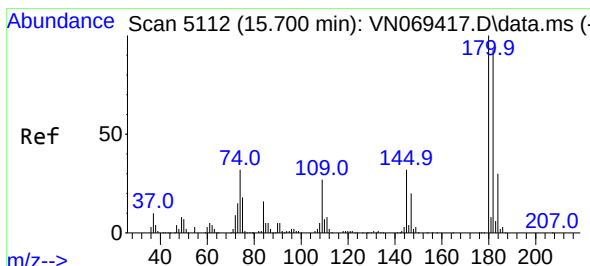
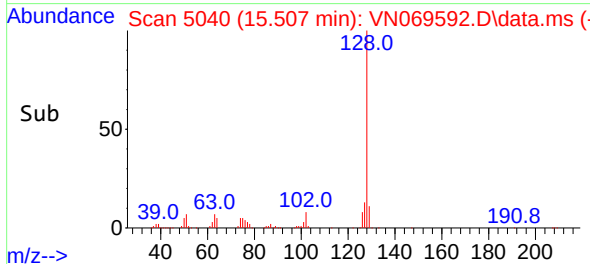
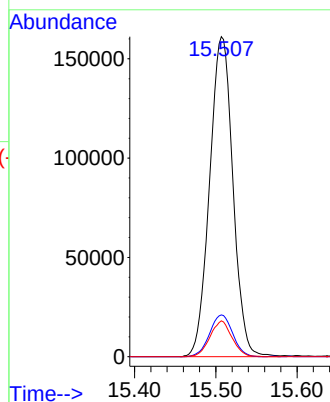
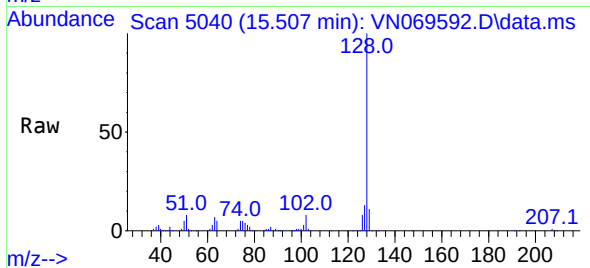
#95
Naphthalene
Concen: 15.067 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:128 Resp: 32154
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2021
Supervised By :Mahesh Dadoda 11/26/2021



#96
1,2,3-Trichlorobenzene
Concen: 15.684 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN069592.D
Acq: 19 Nov 2021 18:13

Tgt Ion:180 Resp: 125006
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 32.9 15.0 45.1

