

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111621\
 Data File : VN069510.D
 Acq On : 16 Nov 2021 15:59
 Operator : JC/MD
 Sample : VN1116MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/17/2021
 Supervised By : Mahesh Dadoda 11/18/2021

Quant Time: Nov 17 00:54:28 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	1014519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1692942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1532877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	652283	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	748895	50.911	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.820%			
35) Dibromofluoromethane	8.021	113	515204	50.741	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.480%			
50) Toluene-d8	10.440	98	1989950	49.831	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.660%			
62) 4-Bromofluorobenzene	12.731	95	694031	47.309	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	209370	19.317	ug/l	99
3) Chloromethane	2.303	50	225451	17.936	ug/l	98
4) Vinyl Chloride	2.448	62	224443	17.833	ug/l	99
5) Bromomethane	2.861	94	142571	17.442	ug/l	99
6) Chloroethane	3.022	64	147389	17.350	ug/l	98
7) Trichlorofluoromethane	3.376	101	347838	17.882	ug/l	97
8) Diethyl Ether	3.824	74	124237	19.741	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.205	101	181377	19.795	ug/l	95
10) Methyl Iodide	4.419	142	217359	19.341	ug/l	97
11) Tert butyl alcohol	5.380	59	240754	90.827	ug/l	98
12) 1,1-Dichloroethene	4.181	96	158631	19.292	ug/l	91
13) Acrolein	4.041	56	27128	67.444	ug/l	98
14) Allyl chloride	4.840	41	340594	18.735	ug/l	95
15) Acrylonitrile	5.557	53	691467	101.867	ug/l	99
16) Acetone	4.288	43	697217	87.848	ug/l	96
17) Carbon Disulfide	4.529	76	291779	15.012	ug/l	97
18) Methyl Acetate	4.857	43	505322	19.586	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	708063	20.347	ug/l	98
20) Methylene Chloride	5.093	84	216704	19.255	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	175286	19.086	ug/l	90
22) Diisopropyl ether	6.498	45	807350	20.616	ug/l	95
23) Vinyl Acetate	6.436	43	3068162	101.298	ug/l	95
24) 1,1-Dichloroethane	6.388	63	398817	19.995	ug/l	98
25) 2-Butanone	7.337	43	1033077	96.128	ug/l	92
26) 2,2-Dichloropropane	7.324	77	277357	17.772	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	228641	20.083	ug/l	89
28) Bromochloromethane	7.659	49	220161	21.554	ug/l #	81
29) Tetrahydrofuran	7.686	42	668398	101.348	ug/l	89
30) Chloroform	7.817	83	418696	20.475	ug/l	100
31) Cyclohexane	8.094	56	367360	18.280	ug/l	91
32) 1,1,1-Trichloroethane	8.013	97	329958	19.331	ug/l	96
36) 1,1-Dichloropropene	8.222	75	281575	19.767	ug/l	96
37) Ethyl Acetate	7.415	43	396460	20.589	ug/l	96
38) Carbon Tetrachloride	8.206	117	262504	19.087	ug/l	97
39) Methylcyclohexane	9.462	83	333813	18.838	ug/l	93
40) Benzene	8.461	78	887116	20.176	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189753	19.071	ug/l	92
42) 1,2-Dichloroethane	8.531	62	362864	21.076	ug/l	97
43) Isopropyl Acetate	8.563	43	630188	20.375	ug/l	94
44) Trichloroethene	9.215	130	210688	20.021	ug/l	96
45) 1,2-Dichloropropane	9.491	63	245108	20.865	ug/l	100
46) Dibromomethane	9.577	93	163198	20.741	ug/l	92
47) Bromodichloromethane	9.762	83	293234	19.971	ug/l	99
48) Methyl methacrylate	9.561	41	283906	19.510	ug/l	92
49) 1,4-Dioxane	9.569	88	104250	386.439	ug/l #	89
51) 4-Methyl-2-Pentanone	10.330	43	2087872	104.580	ug/l	95
52) Toluene	10.505	92	552180	20.158	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	287284	17.711	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	330403	18.499	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	233021	21.103	ug/l	98
56) Ethyl methacrylate	10.762	69	367634	18.995	ug/l	87
57) 1,3-Dichloropropane	11.044	76	401159	20.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	399842	90.692	ug/l	91
59) 2-Hexanone	11.087	43	1455885	91.567	ug/l	93
60) Dibromochloromethane	11.237	129	198852	18.032	ug/l	97
61) 1,2-Dibromoethane	11.347	107	227699	19.150	ug/l	99
64) Tetrachloroethene	10.977	164	191689	20.710	ug/l	94
65) Chlorobenzene	11.771	112	589620	20.665	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	208023	21.020	ug/l	99
67) Ethyl Benzene	11.846	91	1069613	20.326	ug/l	97
68) m/p-Xylenes	11.953	106	776098	40.101	ug/l	92
69) o-Xylene	12.280	106	389299	20.177	ug/l	92
70) Styrene	12.294	104	629724	19.145	ug/l	96
71) Bromoform	12.457	173	132460	17.786	ug/l #	100
73) Isopropylbenzene	12.578	105	1025146	19.739	ug/l	98
74) N-amyl acetate	12.390	43	424194	19.273	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	364225	20.793	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	310538m	20.629	ug/l	
77) Bromobenzene	12.860	156	240241	20.226	ug/l	82
78) n-propylbenzene	12.921	91	1161691	19.879	ug/l	97
79) 2-Chlorotoluene	13.007	91	724338	20.018	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	848843	20.218	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	69806	17.993	ug/l #	82
82) 4-Chlorotoluene	13.106	91	687808	19.941	ug/l	93
83) tert-Butylbenzene	13.324	119	751271	20.419	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	826783	20.398	ug/l	98
85) sec-Butylbenzene	13.501	105	1019476	19.836	ug/l	98
86) p-Isopropyltoluene	13.616	119	806667	19.771	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	412531	20.033	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	400815	19.840	ug/l	96
89) n-Butylbenzene	13.943	91	630122	18.520	ug/l	97
90) Hexachloroethane	14.211	117	119665	17.428	ug/l	84
91) 1,2-Dichlorobenzene	13.989	146	411757	21.013	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56290	18.460	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	169172	18.564	ug/l	99
94) Hexachlorobutadiene	15.370	225	105413	20.704	ug/l	97
95) Naphthalene	15.507	128	443123	18.392	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	168012	19.197	ug/l	98

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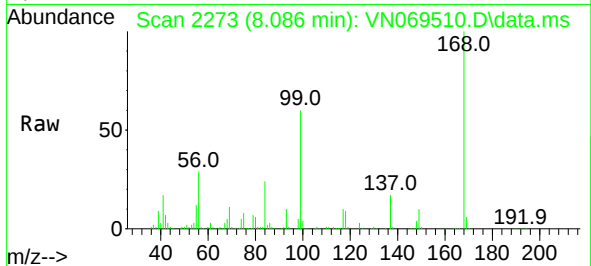
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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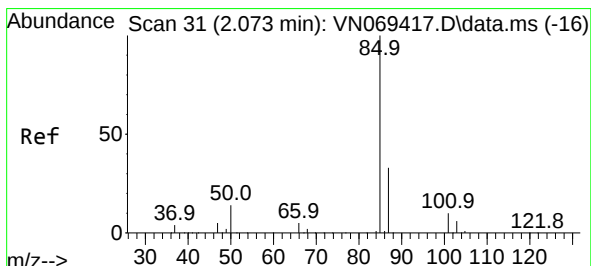
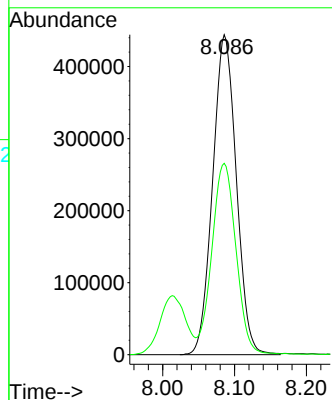
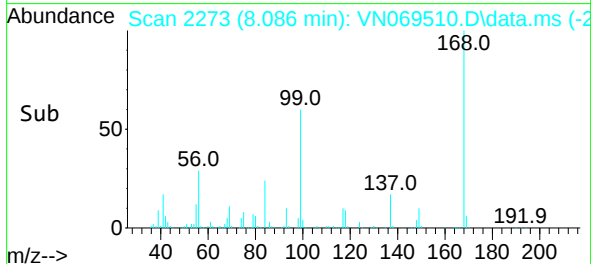
Instrument :
MSVOA_N
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Tgt Ion:168 Resp: 1014519
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9

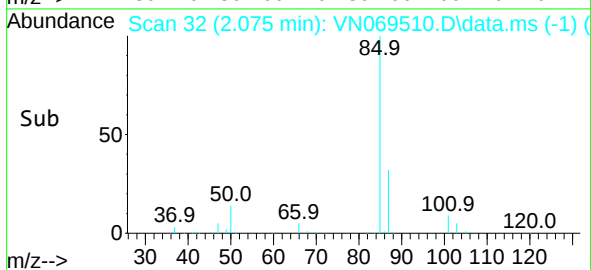
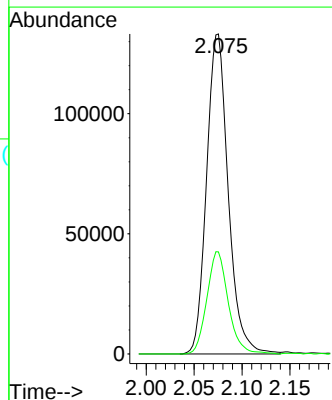
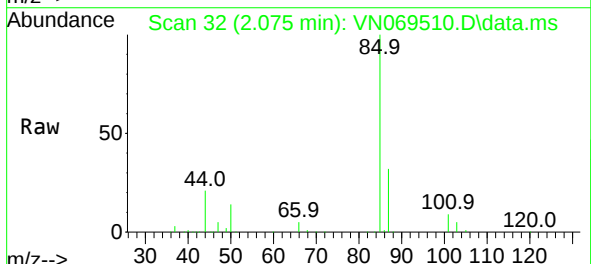
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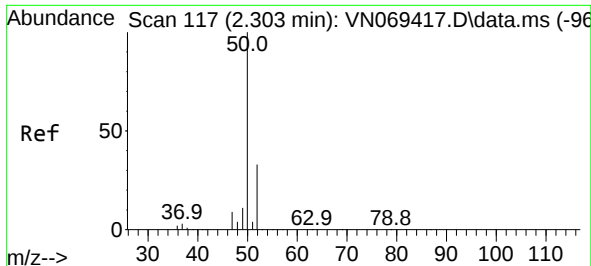
Reviewed By :John Carlone 11/17/2021
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#2
Dichlorodifluoromethane
Concen: 19.317 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 85 Resp: 209370
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





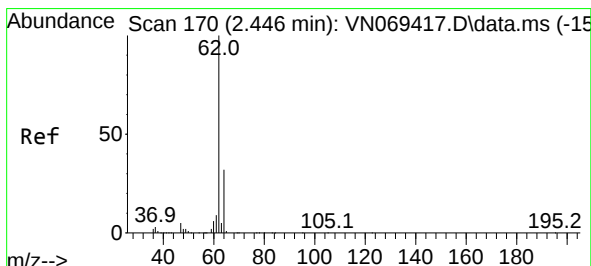
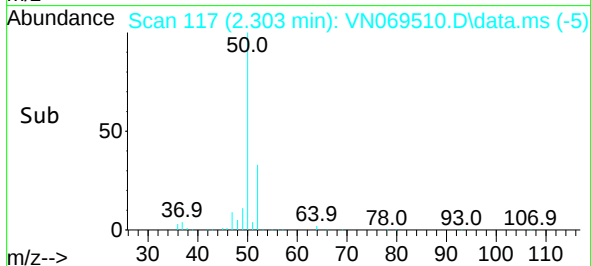
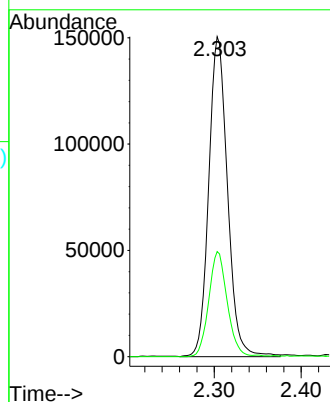
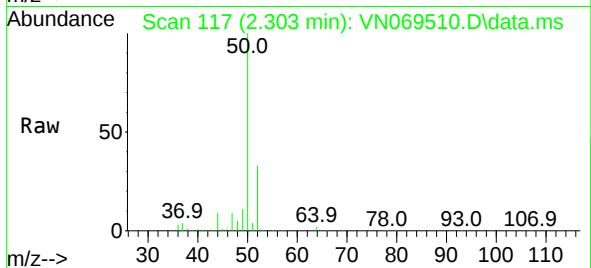
#3
Chloromethane
Concen: 17.936 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069510.D
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Tgt Ion: 50 Resp: 22545
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.0

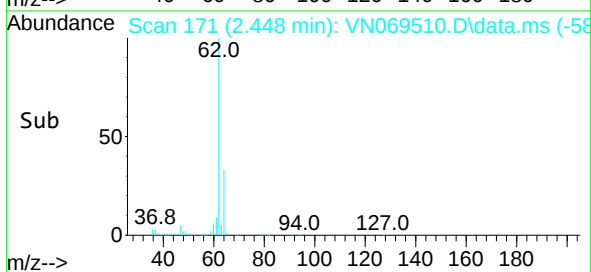
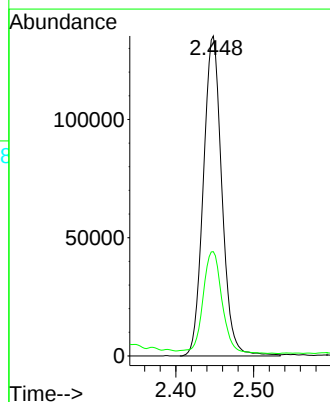
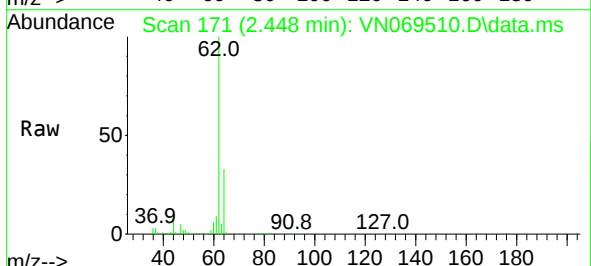
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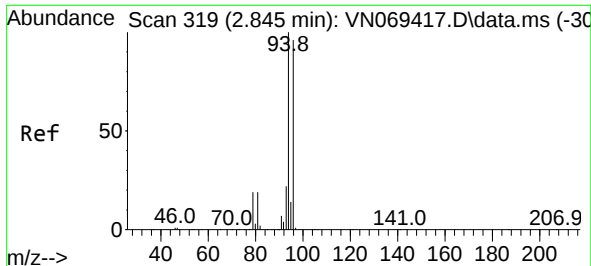
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#4
Vinyl Chloride
Concen: 17.833 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

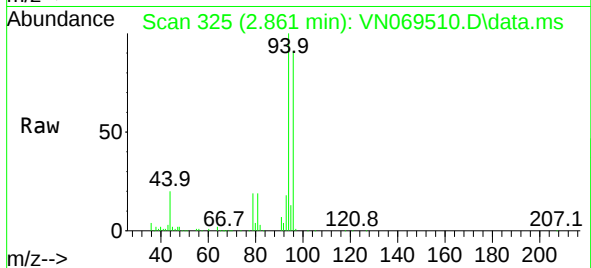
Tgt Ion: 62 Resp: 224443
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 17.442 ug/l
RT: 2.861 min Scan# 319
Delta R.T. 0.016 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

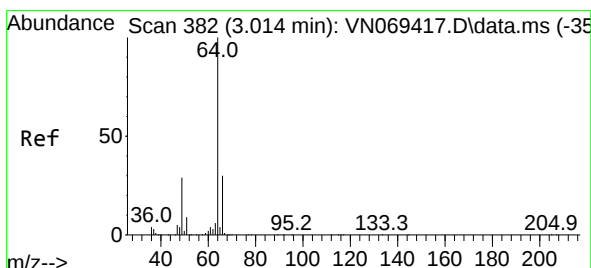
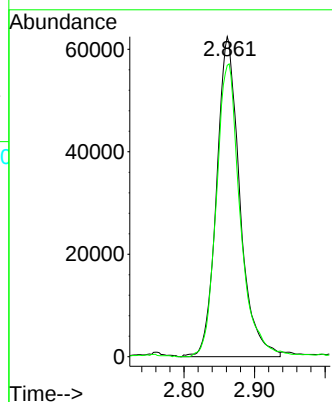
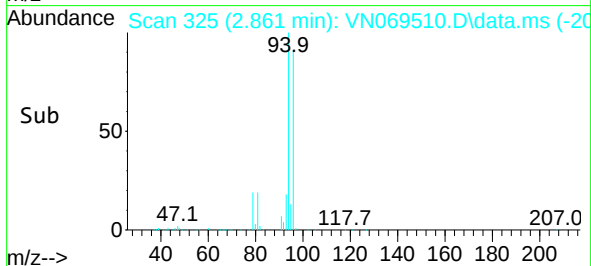
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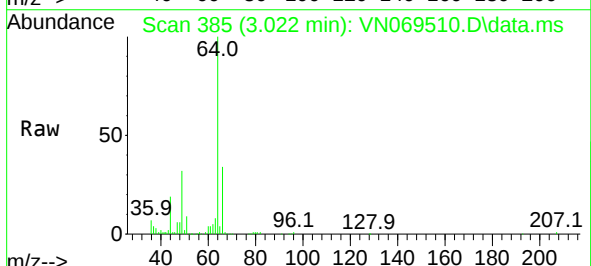
Tgt Ion: 94 Resp: 14257
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

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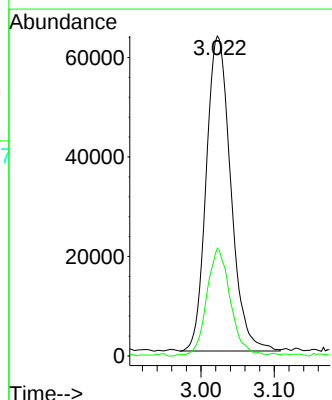
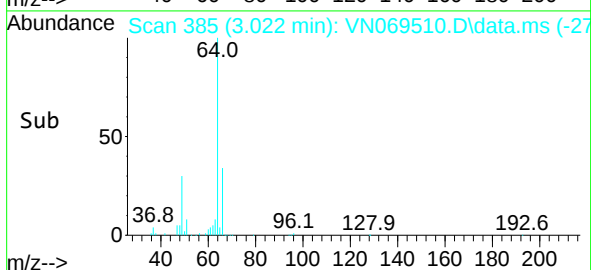
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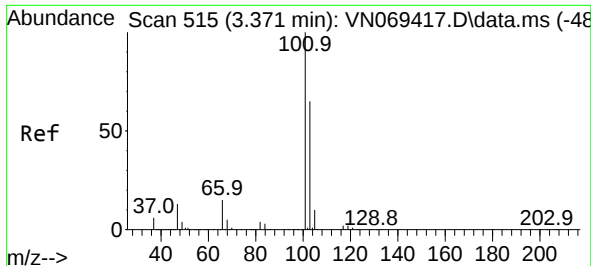


#6
Chloroethane
Concen: 17.350 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.008 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion: 64 Resp: 147389
Ion Ratio Lower Upper
64 100
66 33.8 26.3 39.5





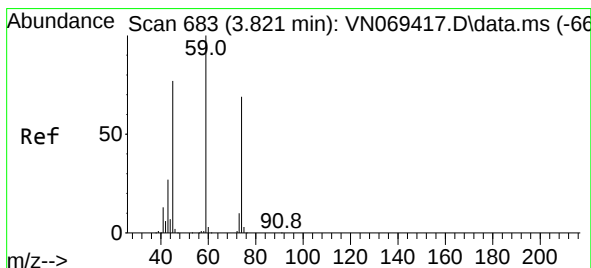
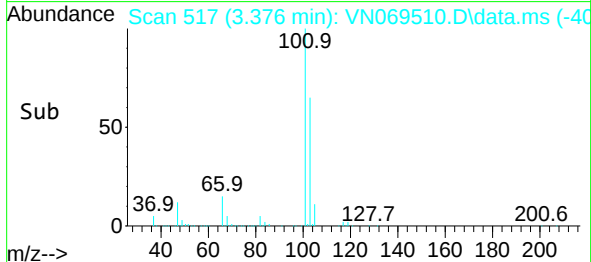
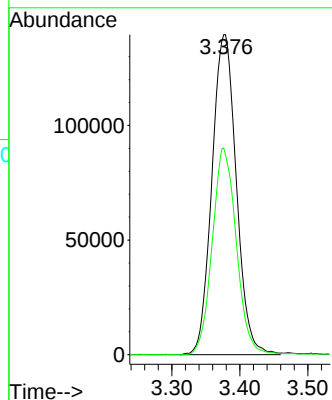
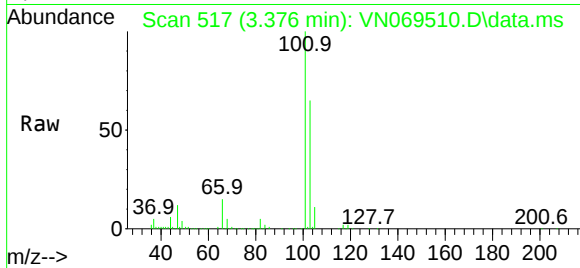
#7
Trichlorofluoromethane
Concen: 17.882 ug/l
RT: 3.376 min Scan# 515
Delta R.T. 0.005 min
Lab File: VN069510.D
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Tgt Ion:101 Resp: 347838
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

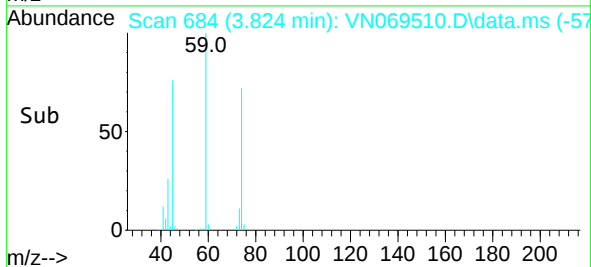
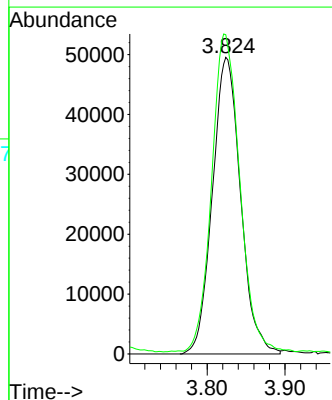
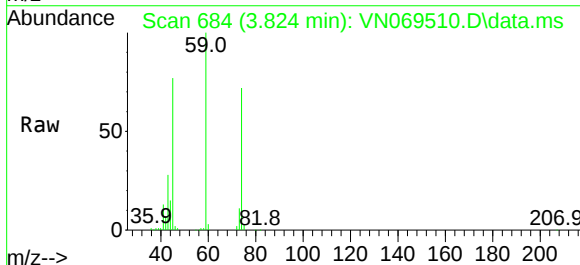
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#8
Diethyl Ether
Concen: 19.741 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069510.D
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Tgt Ion: 74 Resp: 124237
Ion Ratio Lower Upper
74 100
45 106.6 47.0 141.2





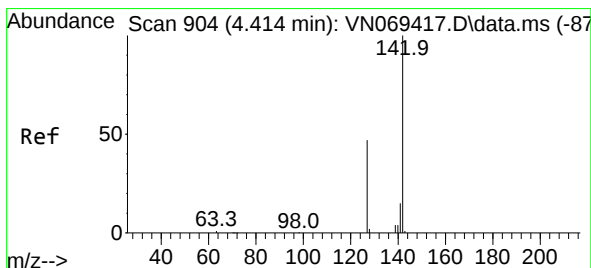
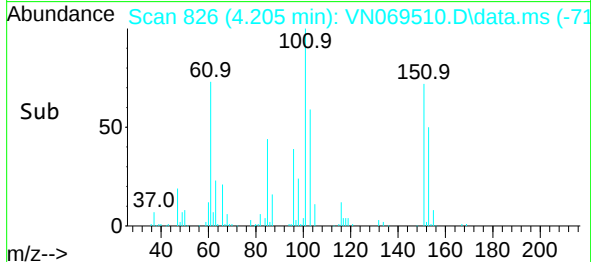
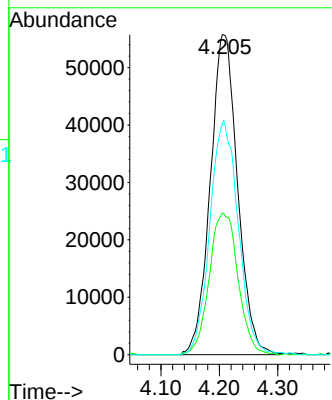
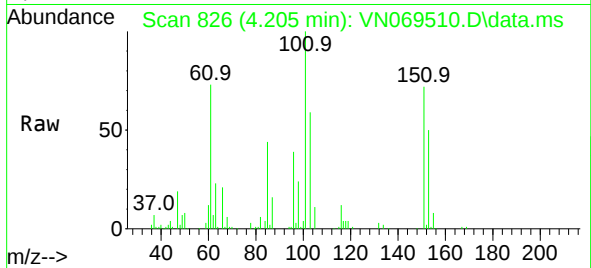
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.795 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN069510.D
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VN1116MBS01

Tgt Ion:101 Resp: 18137
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 75.9 65.9 98.9

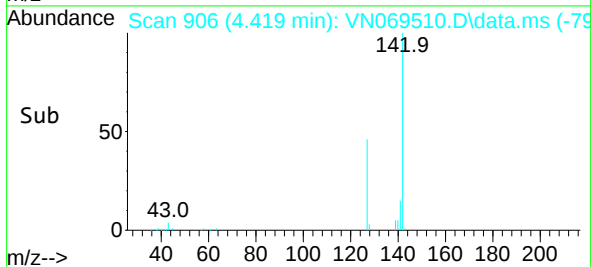
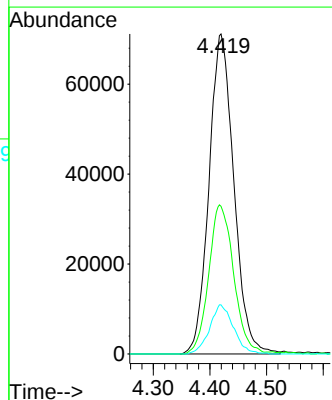
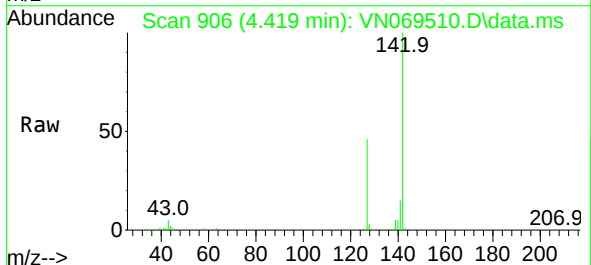
Manual Integrations
APPROVED

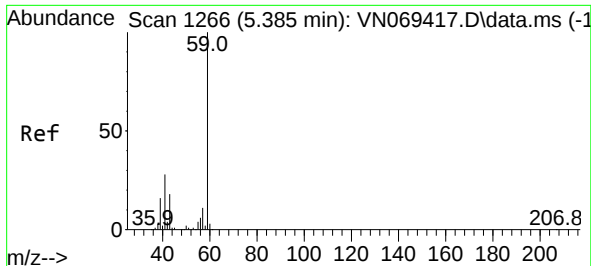
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#10
Methyl Iodide
Concen: 19.341 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

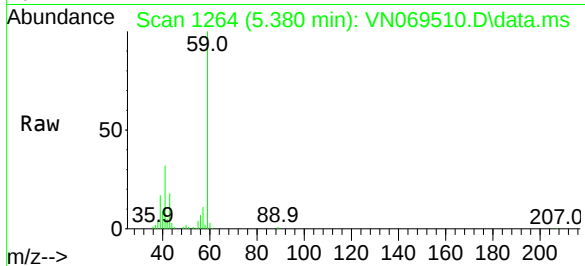
Tgt Ion:142 Resp: 217359
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 90.827 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

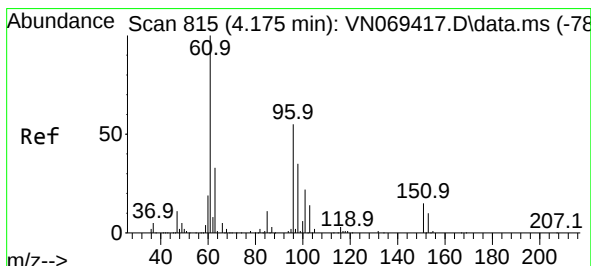
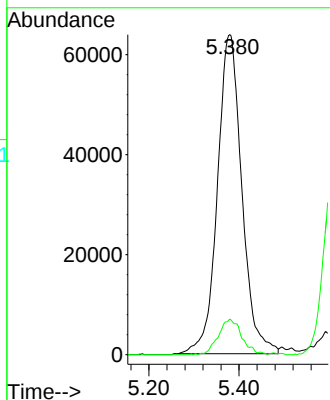
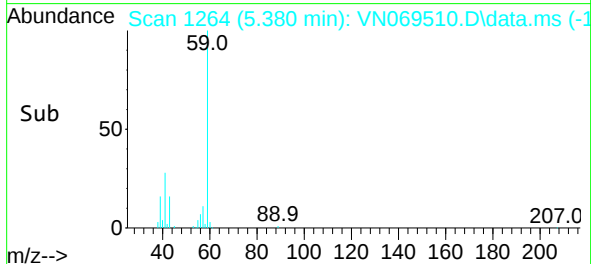
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



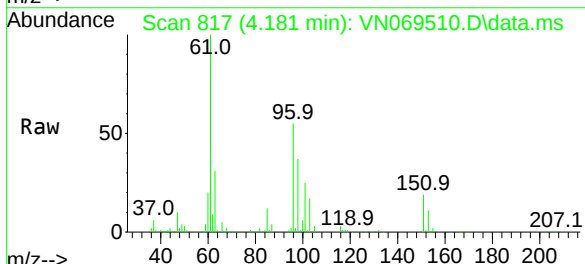
Tgt Ion: 59 Resp: 240754
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

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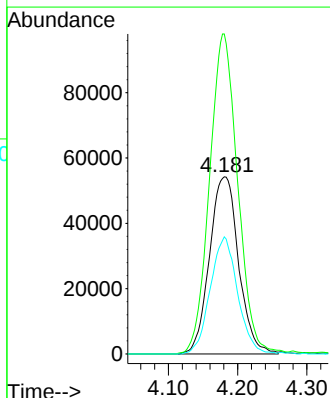
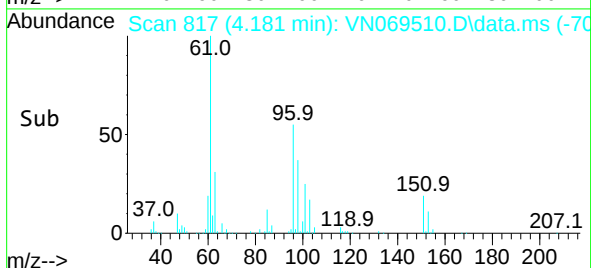
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

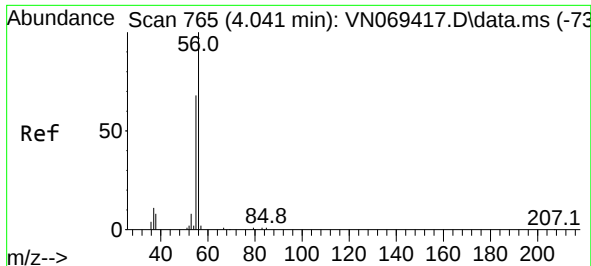


#12
1,1-Dichloroethene
Concen: 19.292 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion: 96 Resp: 158631
Ion Ratio Lower Upper
96 100
61 180.2 131.0 196.6
98 66.1 52.4 78.6





#13

Acrolein

Concen: 67.444 ug/l

RT: 4.041 min Scan# 765

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

Tgt Ion: 56 Resp: 27128

Ion Ratio Lower Upper

56 100

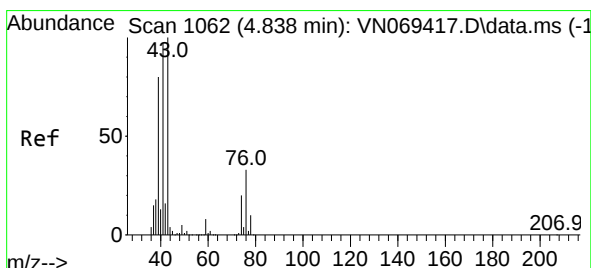
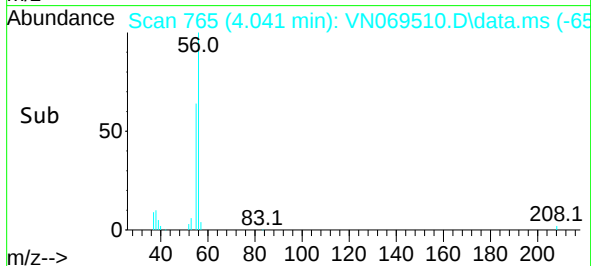
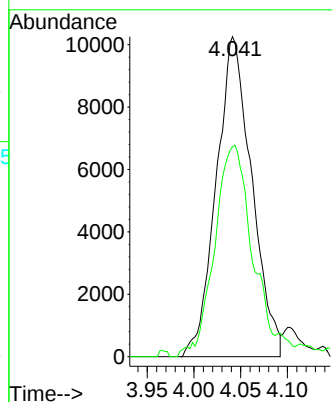
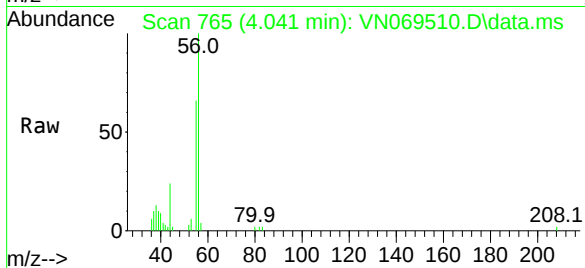
55 68.9 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#14

Allyl chloride

Concen: 18.735 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.002 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

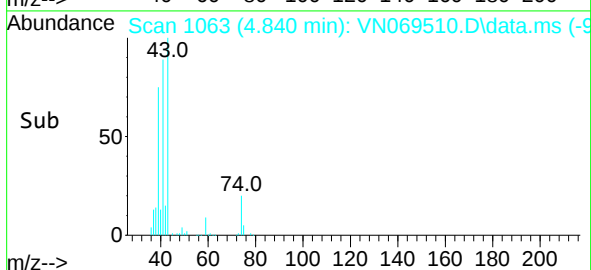
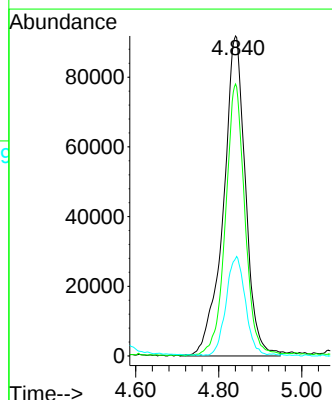
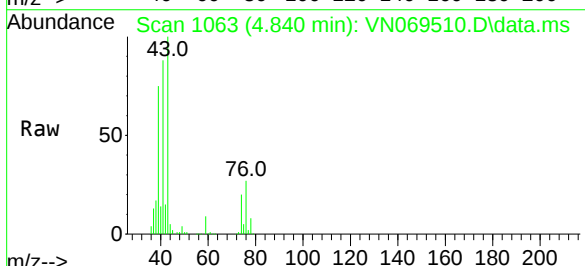
Tgt Ion: 41 Resp: 340594

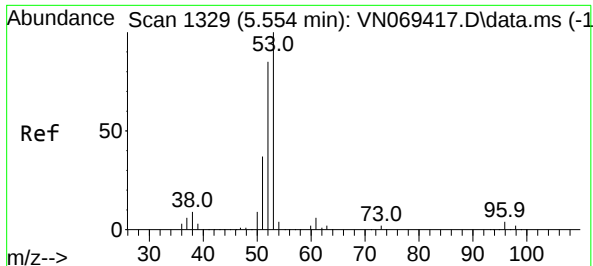
Ion Ratio Lower Upper

41 100

39 73.9 61.2 91.8

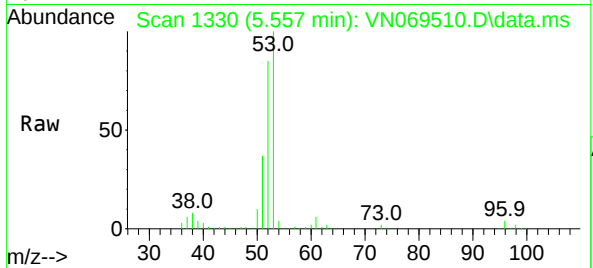
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 101.867 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

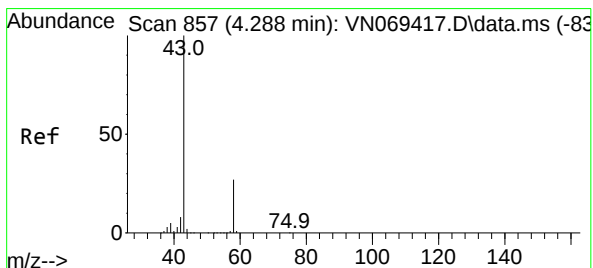
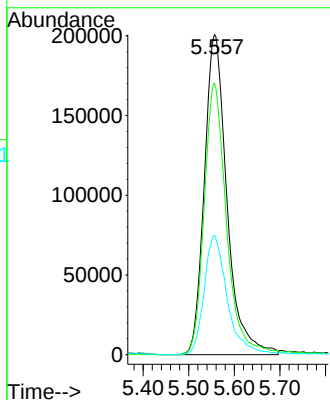
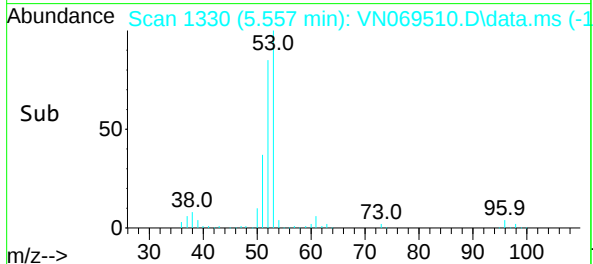
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 53 Resp: 69146
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.5 29.6 44.4

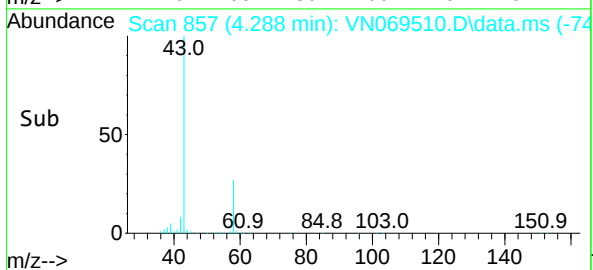
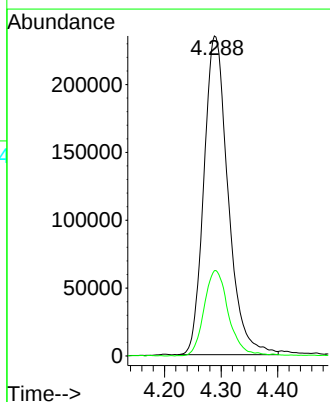
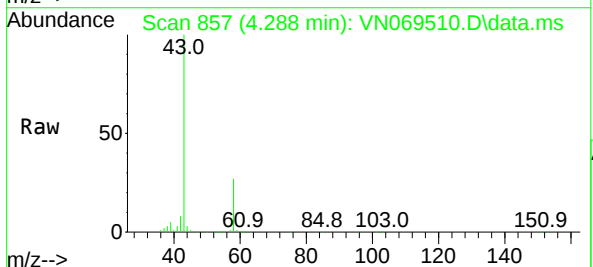
Manual Integrations
APPROVED

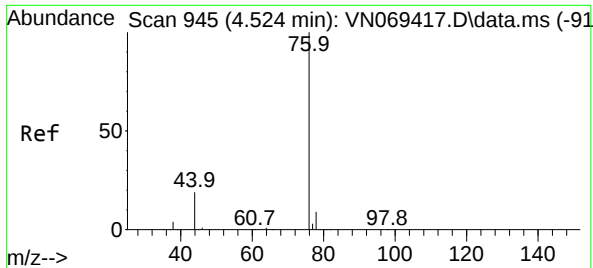
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 87.848 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

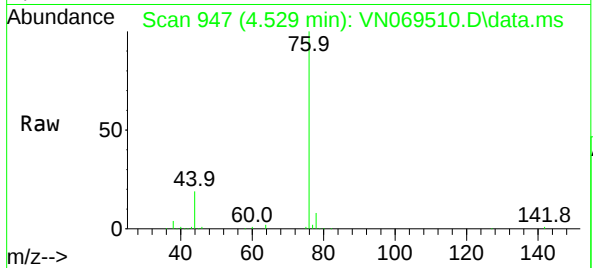
Tgt Ion: 43 Resp: 697217
Ion Ratio Lower Upper
43 100
58 26.7 23.1 34.7





#17
Carbon Disulfide
Concen: 15.012 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

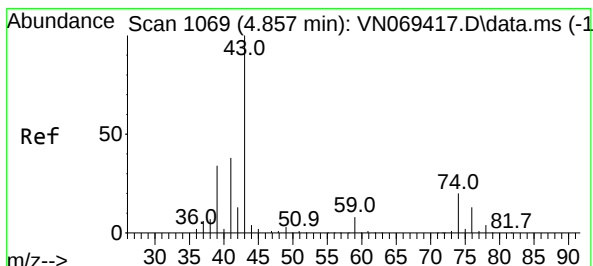
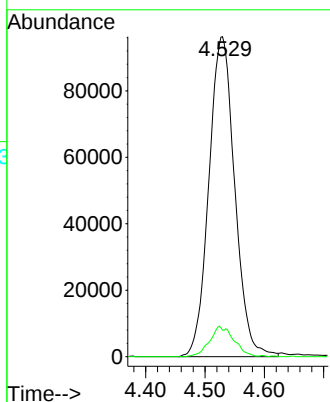
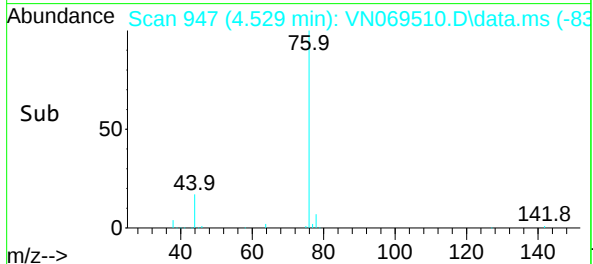
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



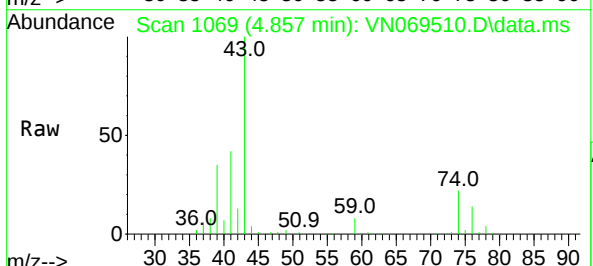
Tgt Ion: 76 Resp: 291779
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3

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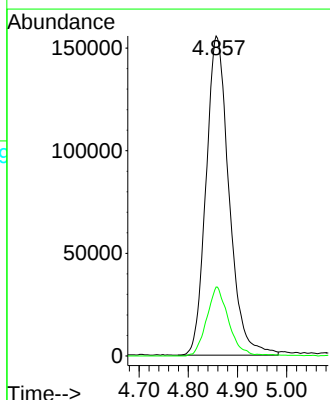
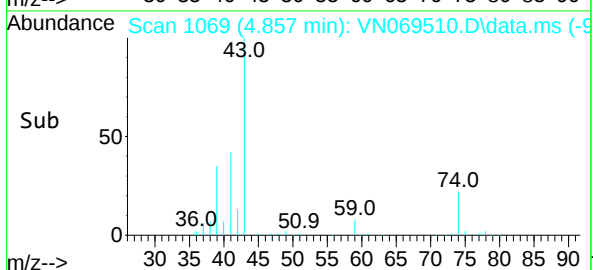
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

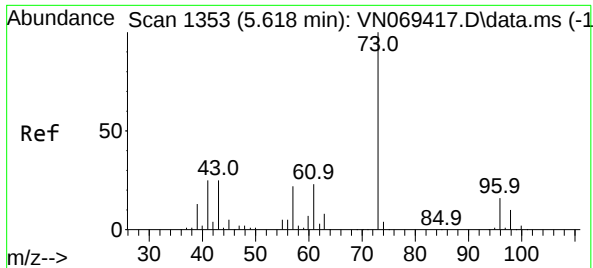


#18
Methyl Acetate
Concen: 19.586 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



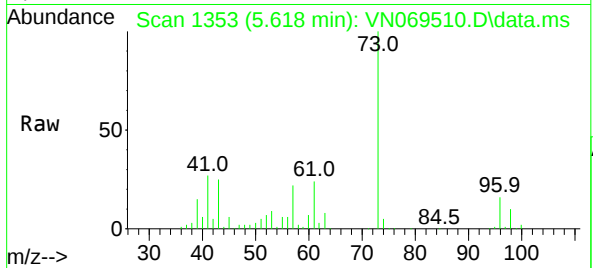
Tgt Ion: 43 Resp: 505322
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.347 ug/l
RT: 5.618 min Scan# 11353
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

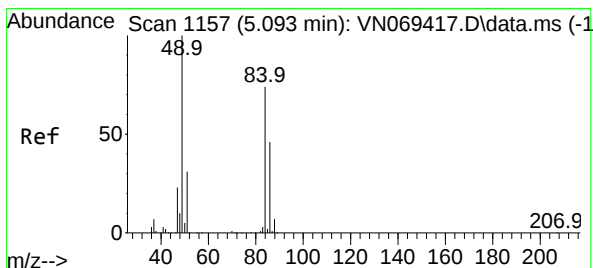
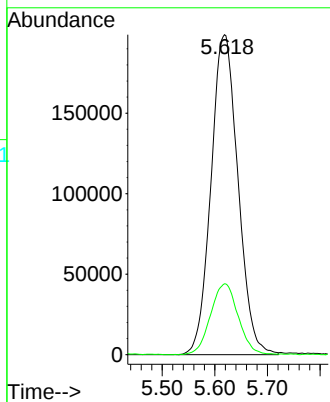
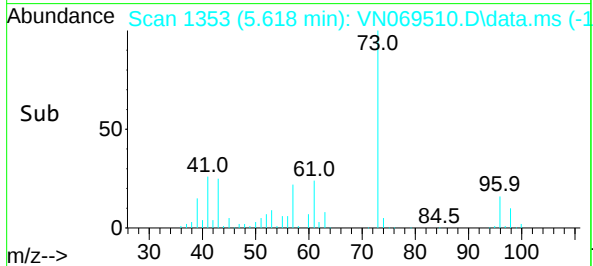
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



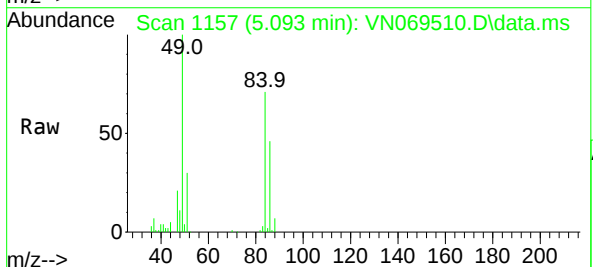
Tgt Ion: 73 Resp: 70806
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

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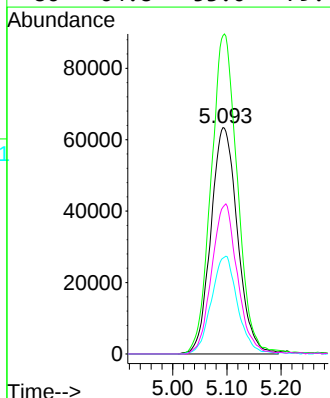
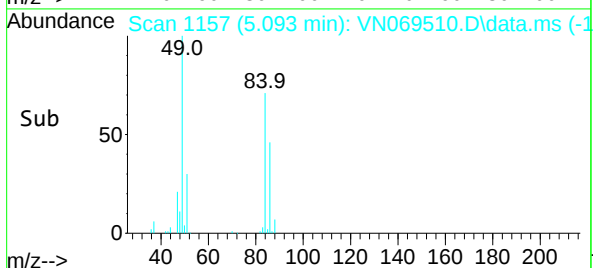
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

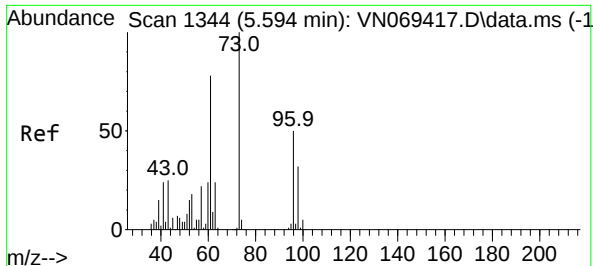


#20
Methylene Chloride
Concen: 19.255 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



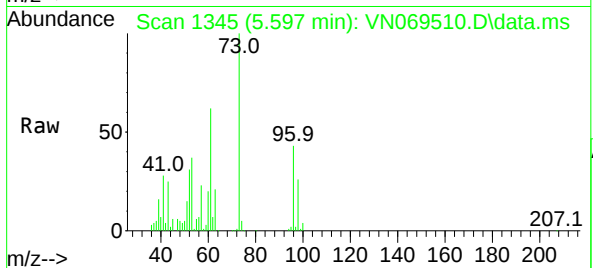
Tgt Ion: 84 Resp: 216704
Ion Ratio Lower Upper
84 100
49 140.6 93.5 140.3#
51 42.4 29.4 44.2
86 64.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.086 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

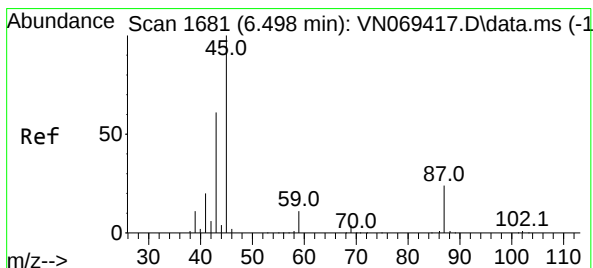
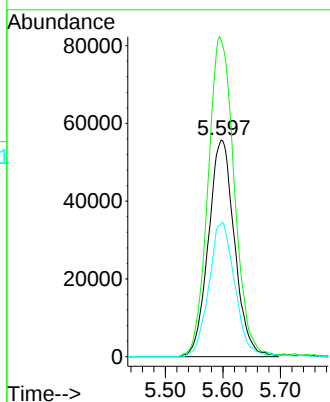
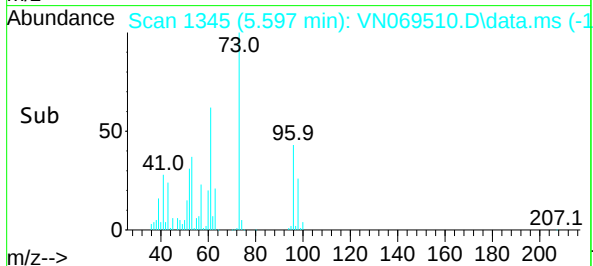
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 96 Resp: 175280
Ion Ratio Lower Upper
96 100
61 146.4 105.8 158.6
98 61.4 52.0 78.0

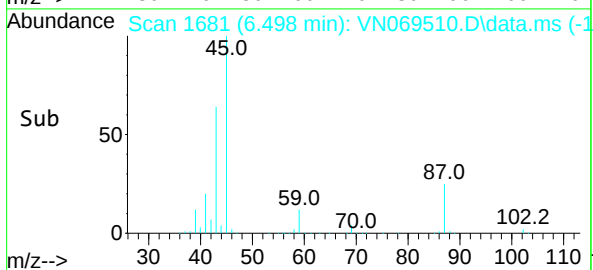
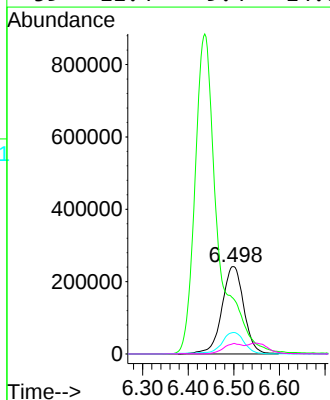
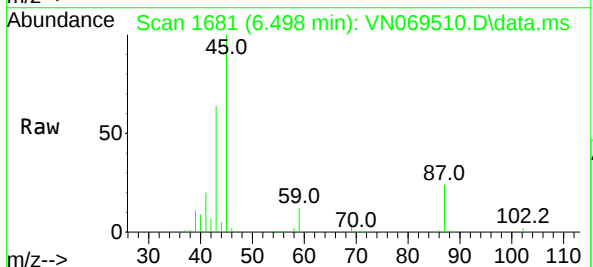
Manual Integrations
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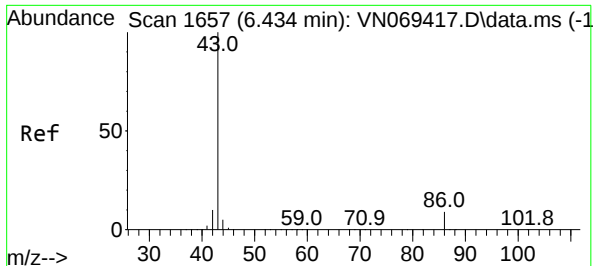
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 20.616 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 45 Resp: 807350
Ion Ratio Lower Upper
45 100
43 61.3 51.7 77.5
87 24.3 23.2 34.8
59 11.4 9.4 14.0





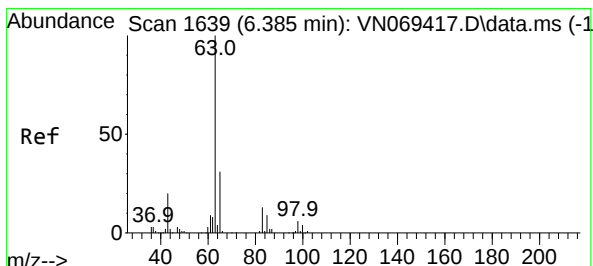
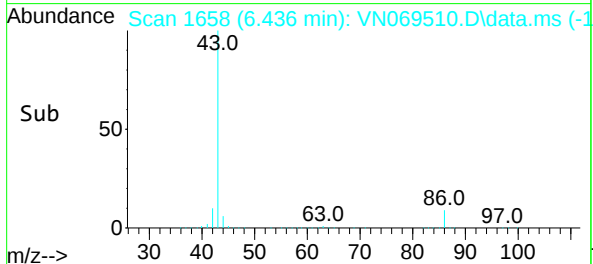
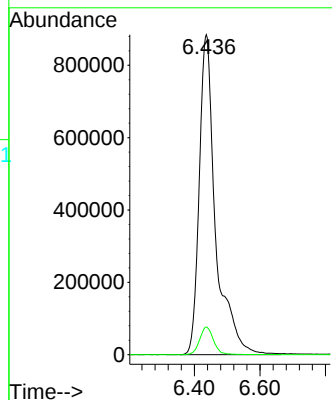
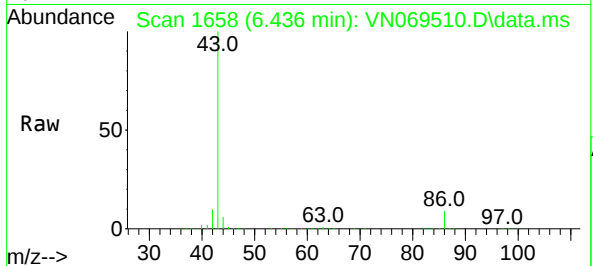
#23
 Vinyl Acetate
 Concen: 101.298 ug/l
 RT: 6.436 min Scan# 1657
 Delta R.T. 0.002 min
 Lab File: VN069510.D
 Acq: 16 Nov 2021 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Tgt Ion: 43 Resp: 306816
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

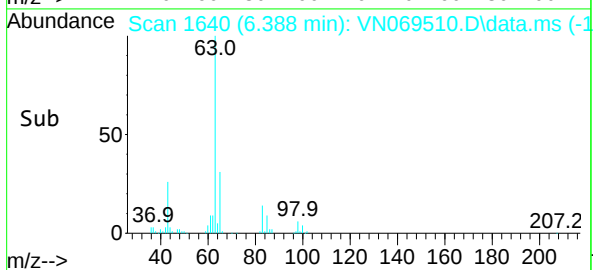
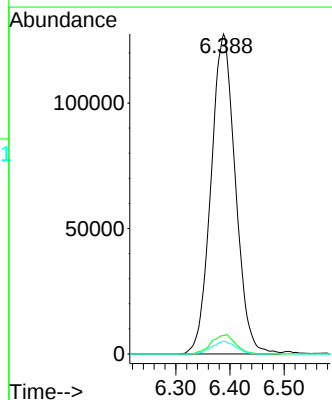
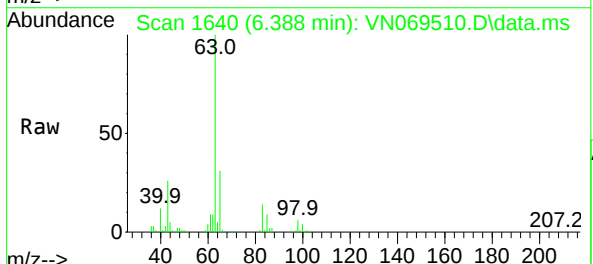
Manual Integrations
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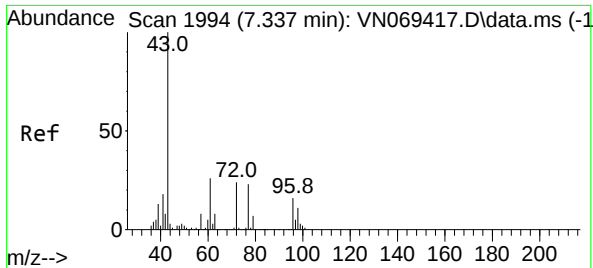
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#24
 1,1-Dichloroethane
 Concen: 19.995 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN069510.D
 Acq: 16 Nov 2021 15:59

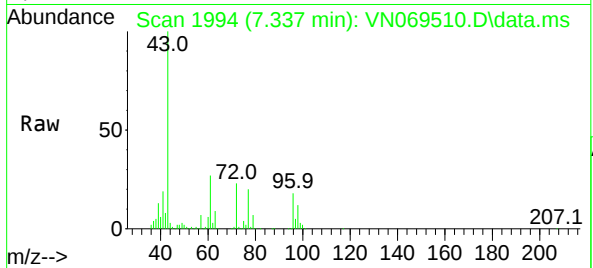
Tgt Ion: 63 Resp: 398817
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 96.128 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

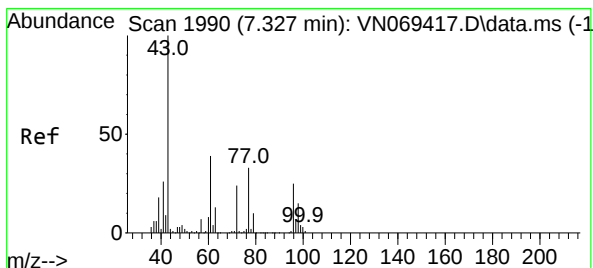
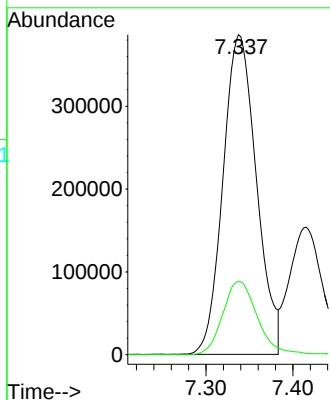
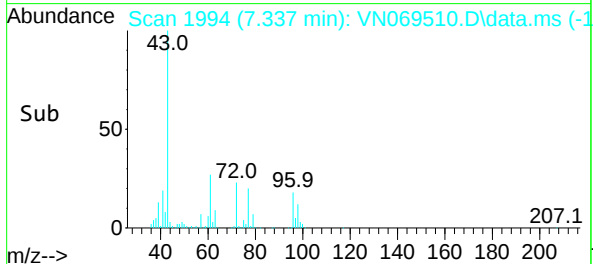
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



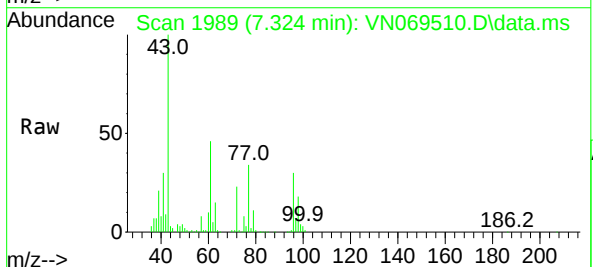
Tgt Ion: 43 Resp: 103307
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

Manual Integrations
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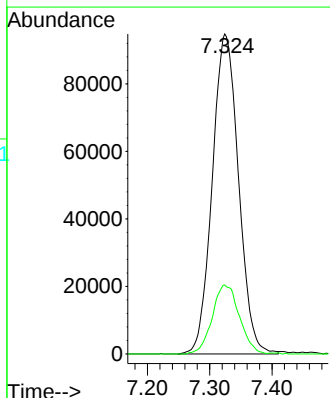
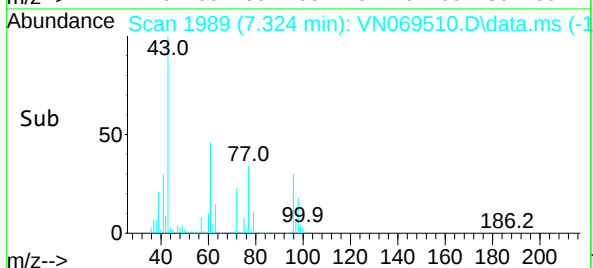
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

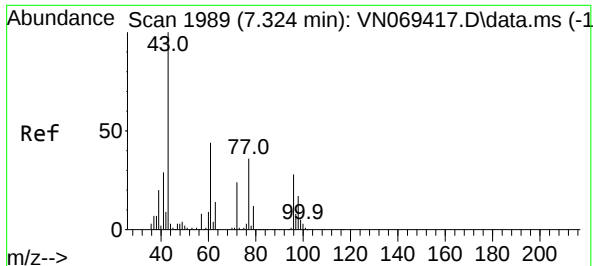


#26
2,2-Dichloropropane
Concen: 17.772 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion: 77 Resp: 277357
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 20.083 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

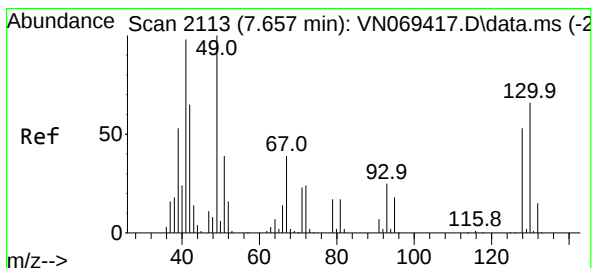
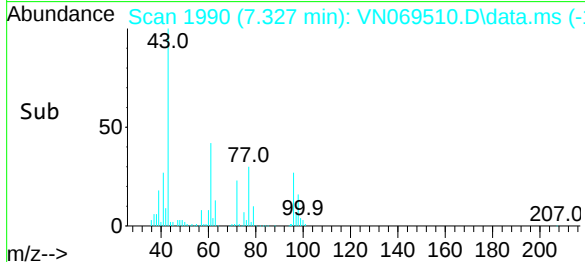
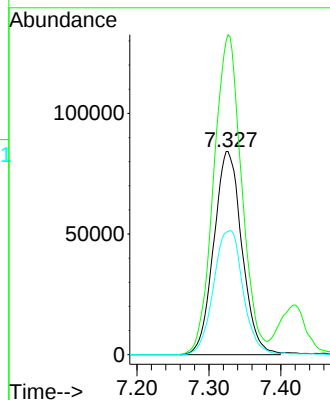
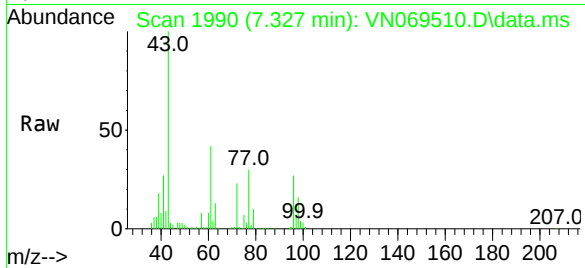
Tgt Ion:	96	Resp:	22864
Ion Ratio	Lower	Upper	
96	100		
61	156.2	0.0	275.0
98	63.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#28

Bromochloromethane

Concen: 21.554 ug/l

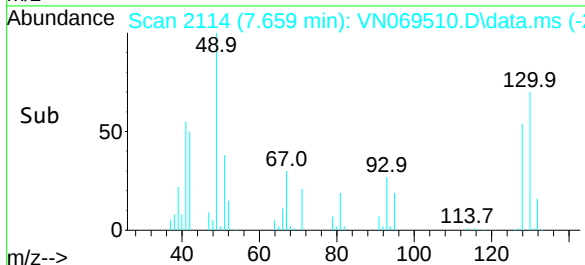
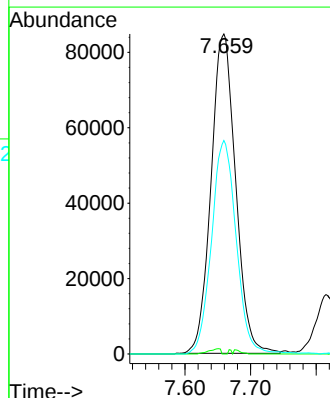
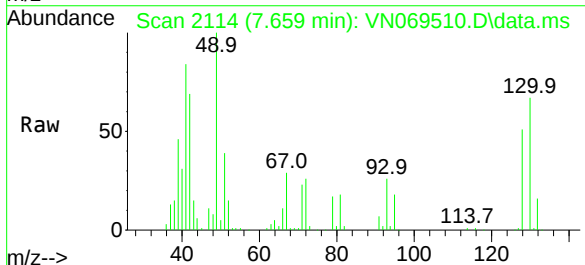
RT: 7.659 min Scan# 2114

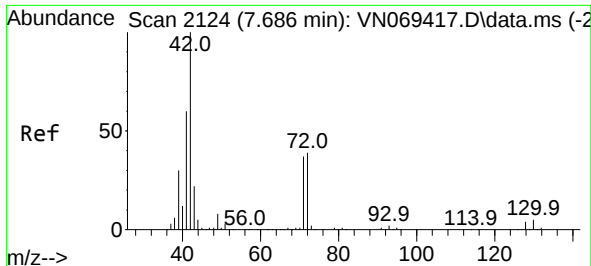
Delta R.T. 0.002 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion:	49	Resp:	220161
Ion Ratio	Lower	Upper	
49	100		
129	0.2	0.0	4.0
130	67.0	67.8	101.8





#29

Tetrahydrofuran

Concen: 101.348 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

Tgt Ion: 42 Resp: 668398

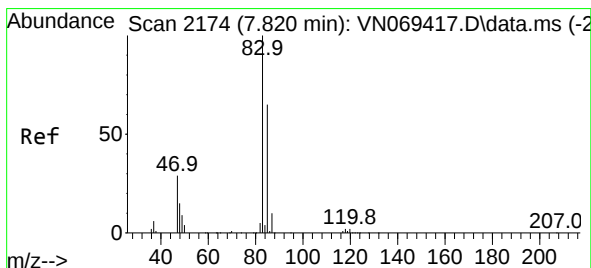
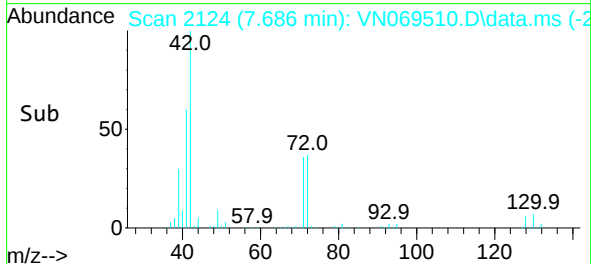
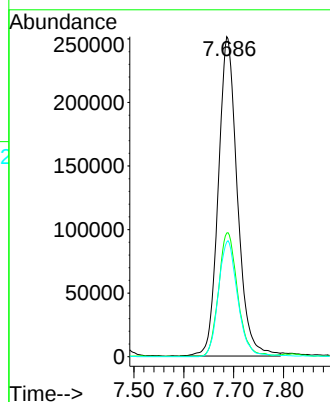
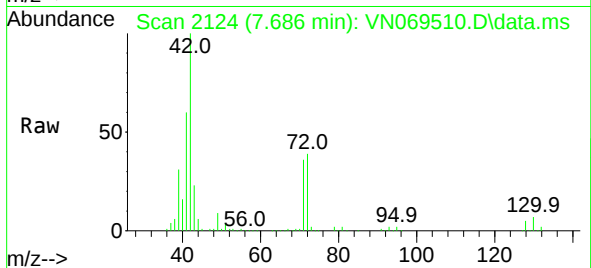
Ion	Ratio	Lower	Upper
42	100		
72	38.3	36.3	54.5
71	36.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#30

Chloroform

Concen: 20.475 ug/l

RT: 7.817 min Scan# 2173

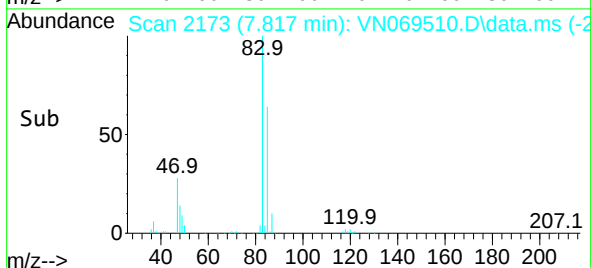
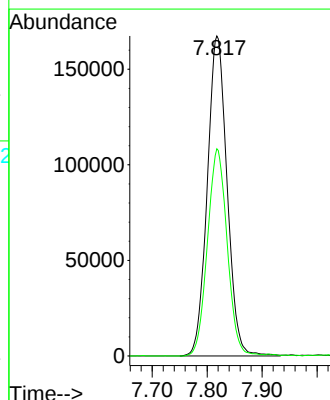
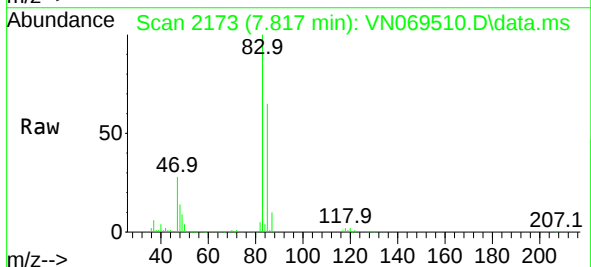
Delta R.T. -0.003 min

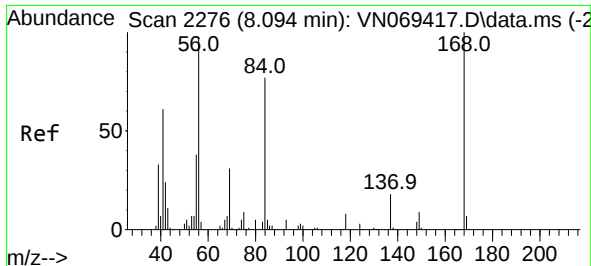
Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion: 83 Resp: 418696

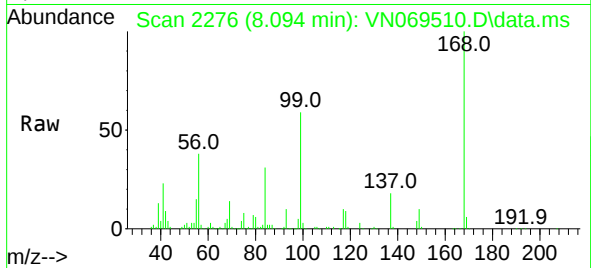
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.9	77.9





#31
Cyclohexane
Concen: 18.280 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

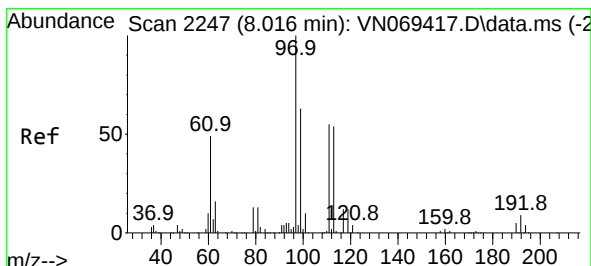
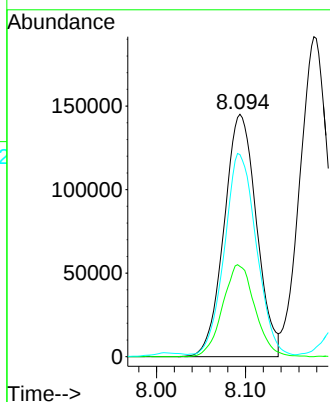
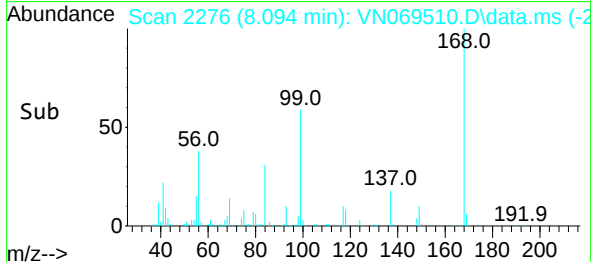
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



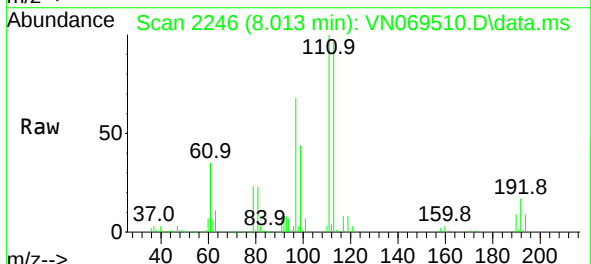
Tgt Ion: 56 Resp: 367360
Ion Ratio Lower Upper
56 100
69 37.2 27.1 40.7
84 82.0 73.4 110.0

Manual Integrations
APPROVED

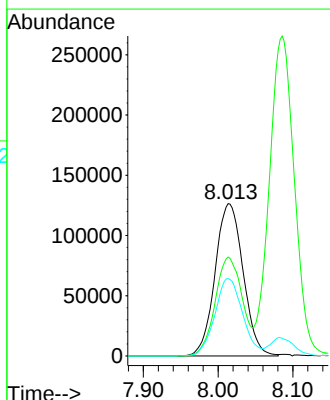
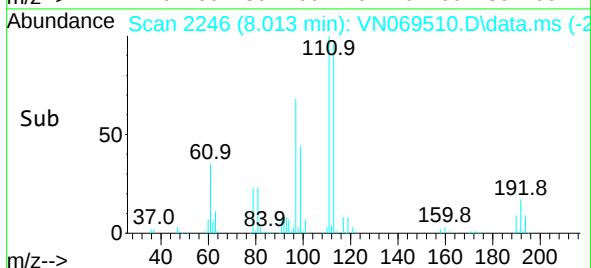
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 19.331 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



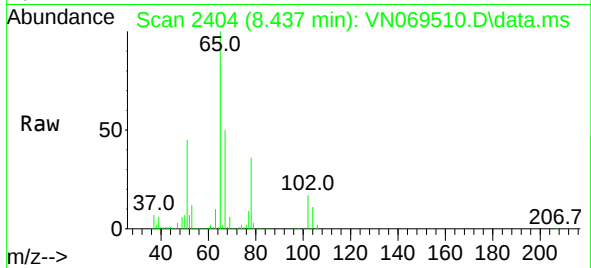
Tgt Ion: 97 Resp: 329958
Ion Ratio Lower Upper
97 100
99 62.4 50.1 75.1
61 50.3 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 50.911 ug/l
RT: 8.437 min Scan# 2405
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

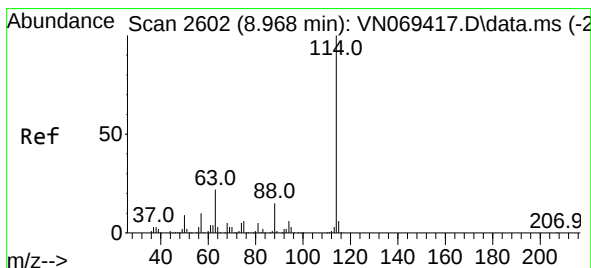
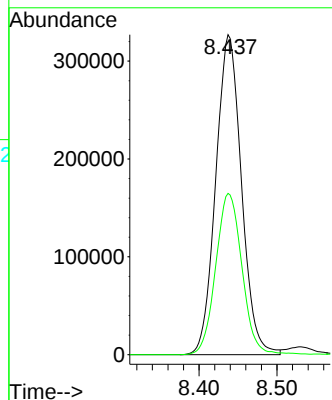
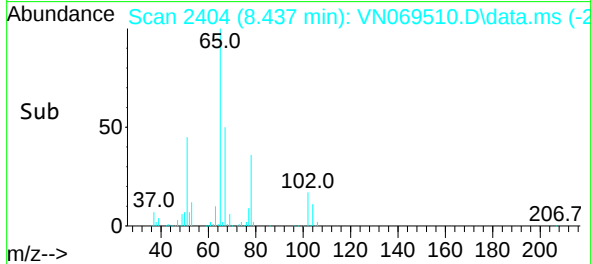
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 65 Resp: 74889
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

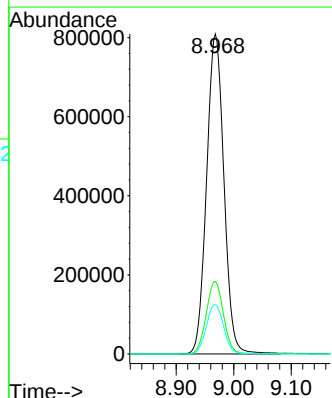
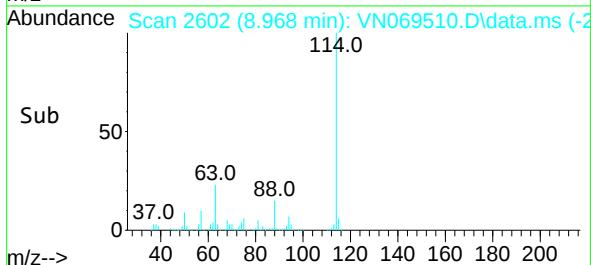
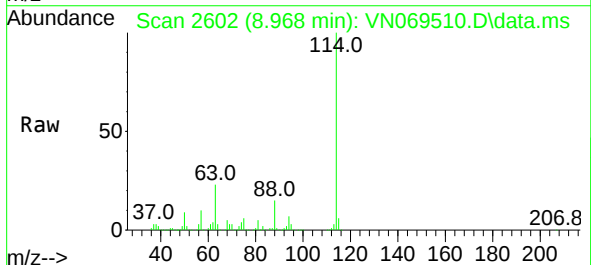
Manual Integrations
APPROVED

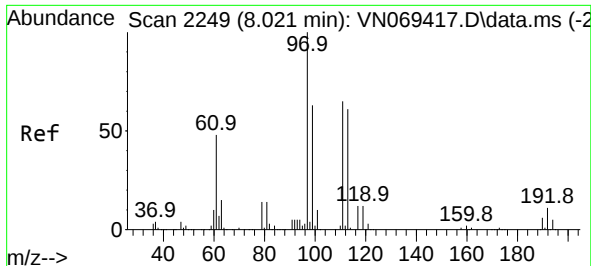
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

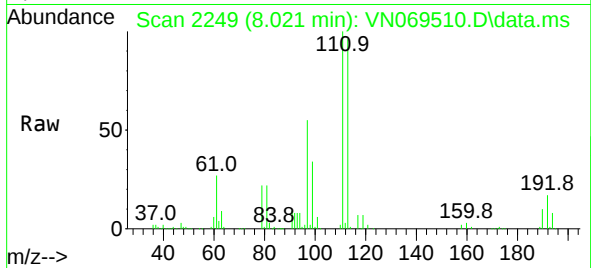
Tgt Ion:114 Resp: 1692942
Ion Ratio Lower Upper
114 100
63 22.6 0.0 37.8
88 15.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.741 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

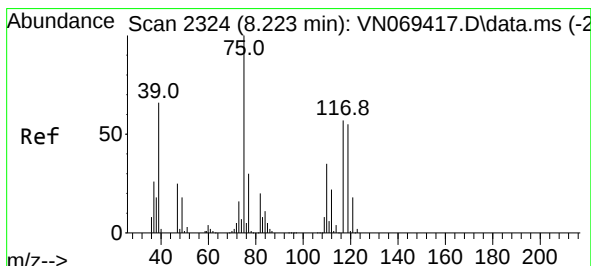
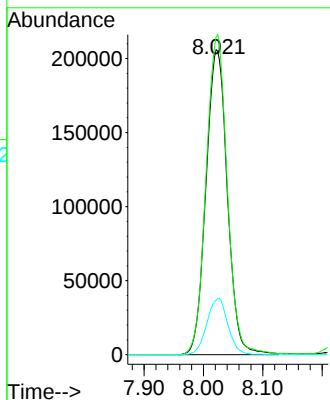
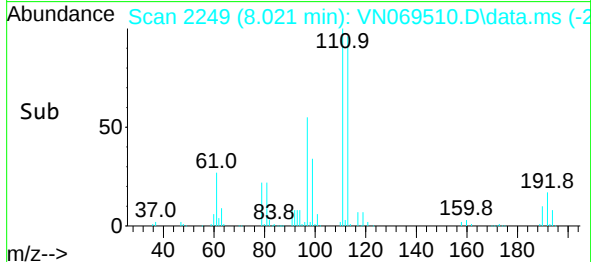
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 113 Resp: 515204
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.2 16.9 25.3

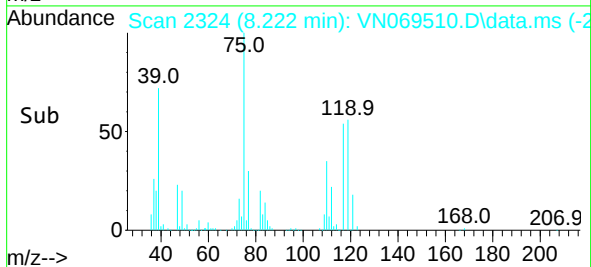
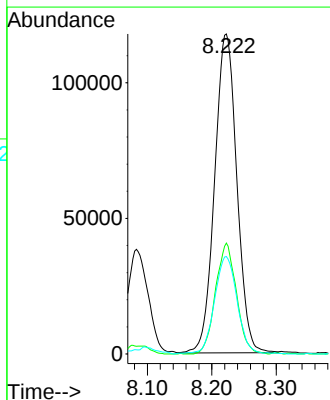
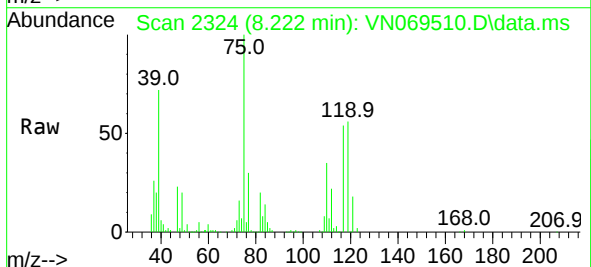
Manual Integrations
APPROVED

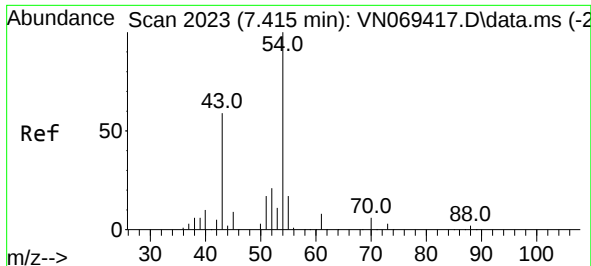
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#36
1,1-Dichloropropene
Concen: 19.767 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. -0.001 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

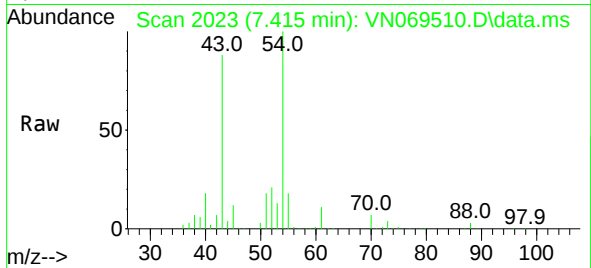
Tgt Ion: 75 Resp: 281575
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 20.589 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

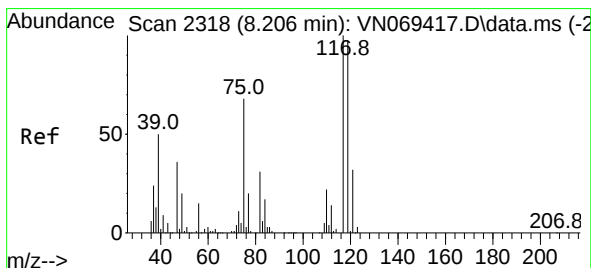
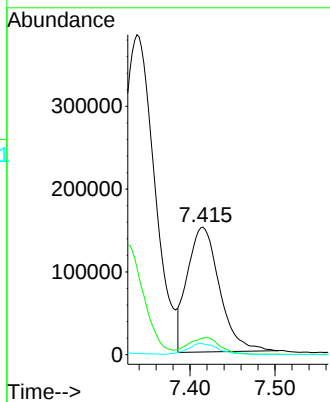
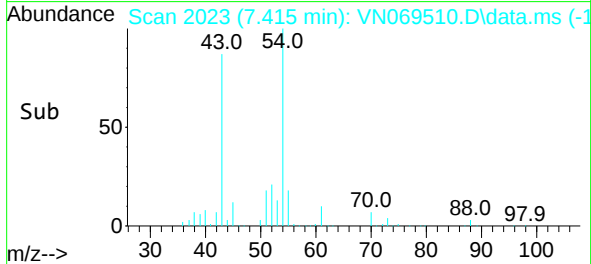
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 43 Resp: 396460
Ion Ratio Lower Upper
43 100
61 13.1 11.5 17.3
70 8.4 7.9 11.9

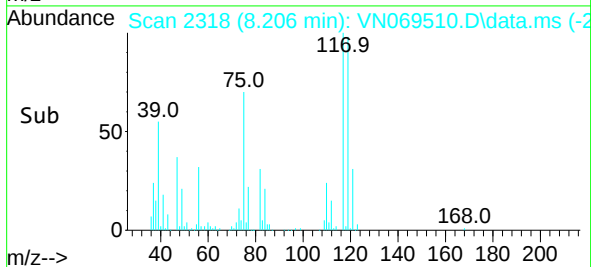
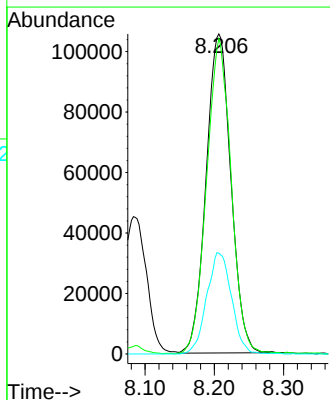
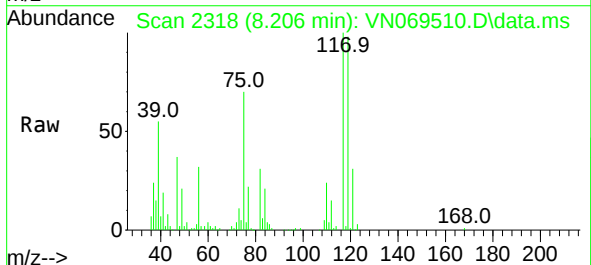
Manual Integrations
APPROVED

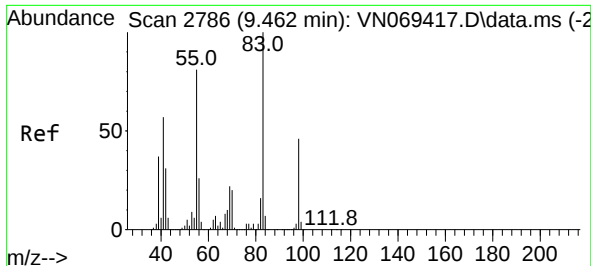
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#38
Carbon Tetrachloride
Concen: 19.087 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

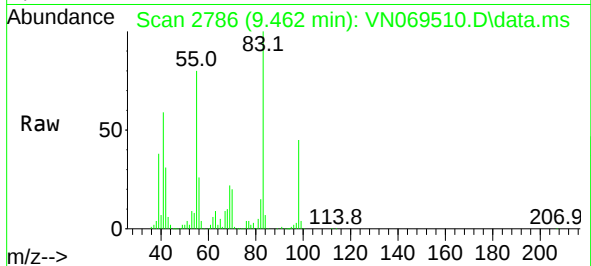
Tgt Ion:117 Resp: 262504
Ion Ratio Lower Upper
117 100
119 98.7 76.1 114.1
121 31.6 24.2 36.2





#39
Methylcyclohexane
Concen: 18.838 ug/l
RT: 9.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

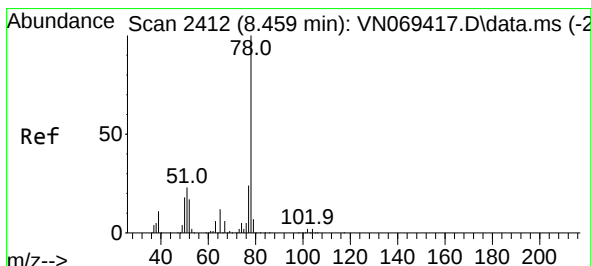
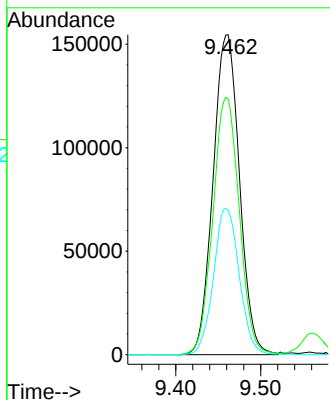
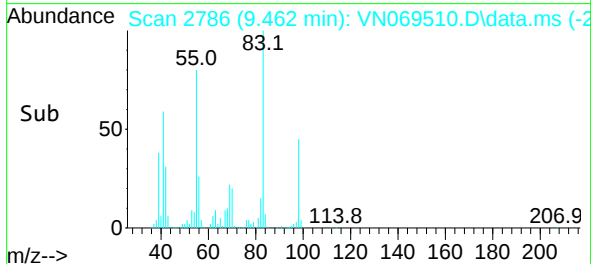
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 83 Resp: 33381
Ion Ratio Lower Upper
83 100
55 80.0 58.1 87.1
98 45.1 38.4 57.6

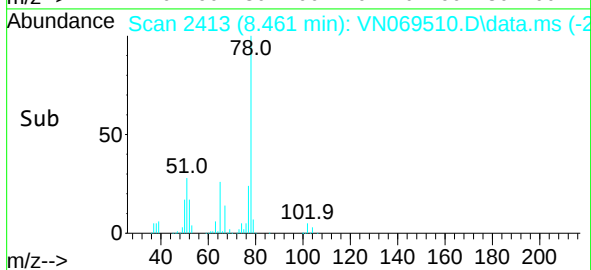
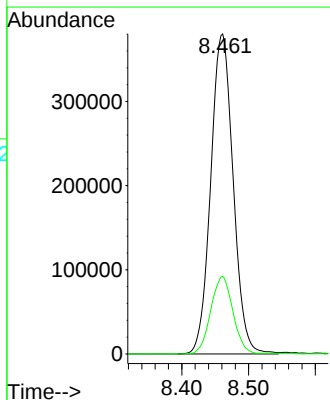
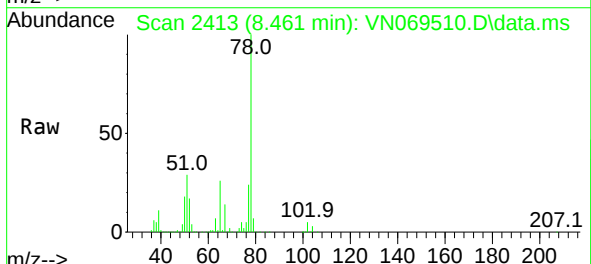
Manual Integrations
APPROVED

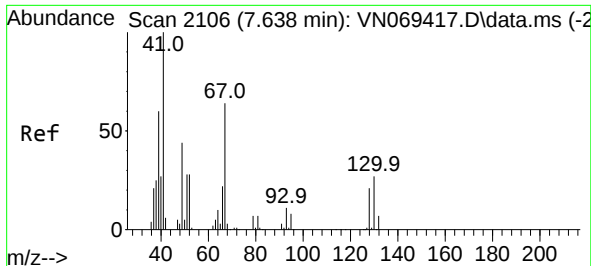
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40
Benzene
Concen: 20.176 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

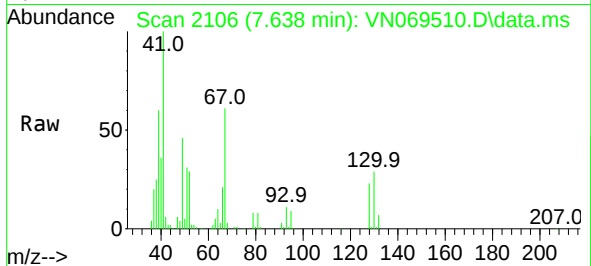
Tgt Ion: 78 Resp: 887116
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8





#41
Methacrylonitrile
Concen: 19.071 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

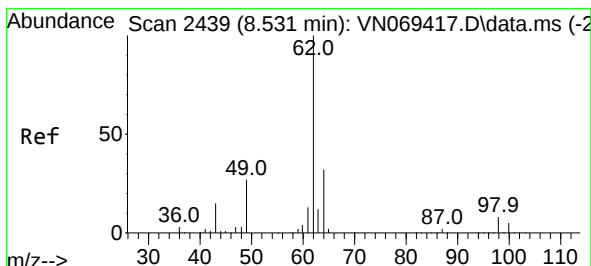
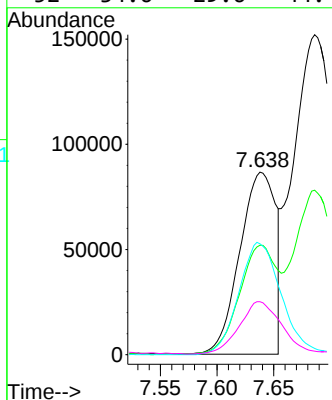
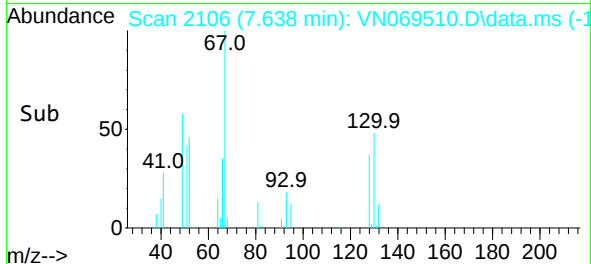
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 41 Resp: 18975
Ion Ratio Lower Upper
41 100
39 62.6 48.1 72.1
67 74.1 68.3 102.5
52 34.6 29.6 44.4

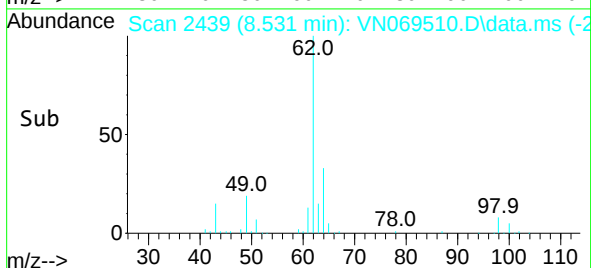
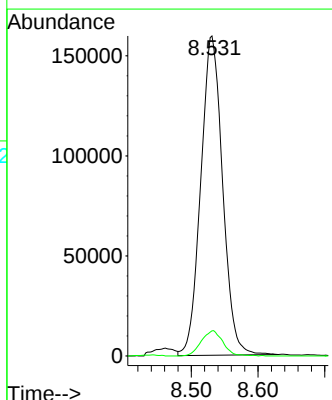
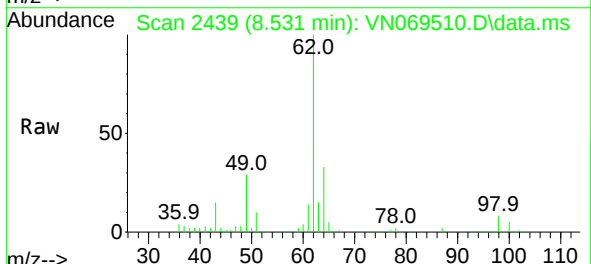
Manual Integrations
APPROVED

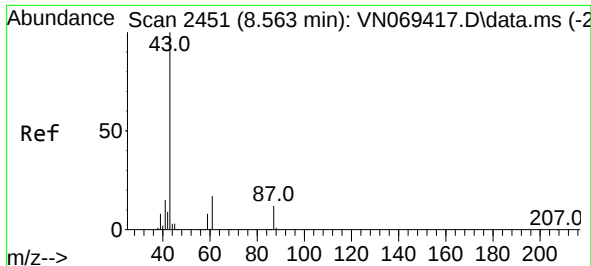
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 21.076 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

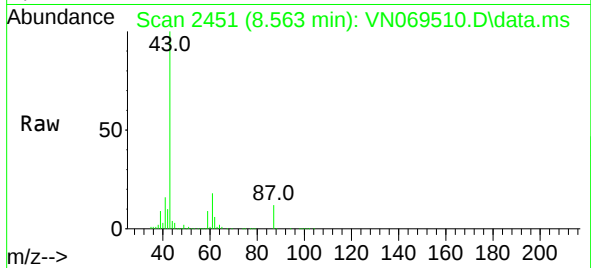
Tgt Ion: 62 Resp: 362864
Ion Ratio Lower Upper
62 100
98 7.9 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.375 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

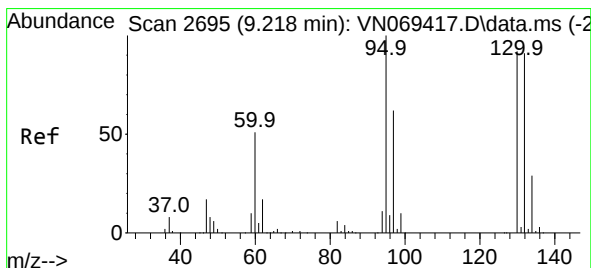
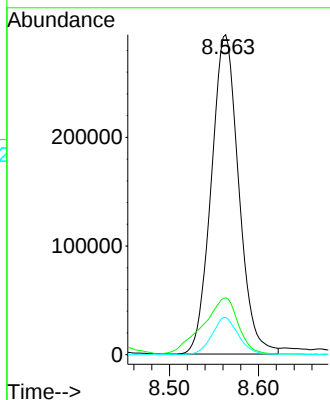
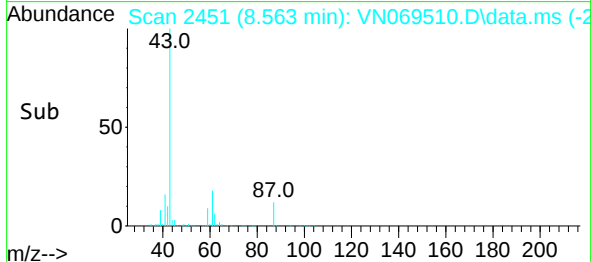
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 43 Resp: 63018
Ion Ratio Lower Upper
43 100
61 22.9 20.4 30.6
87 11.3 11.2 16.8

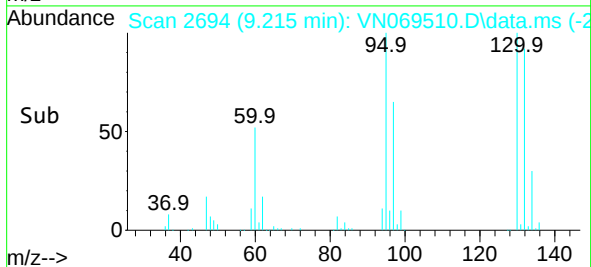
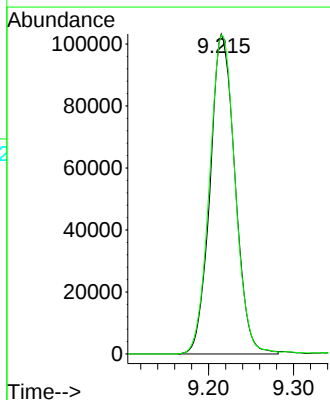
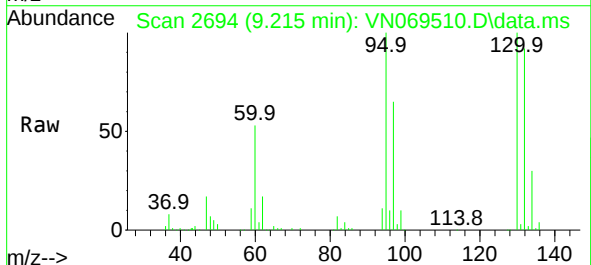
Manual Integrations
APPROVED

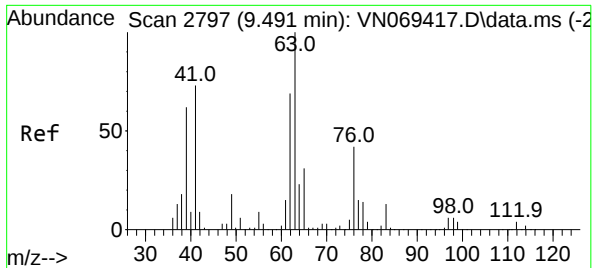
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 20.021 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

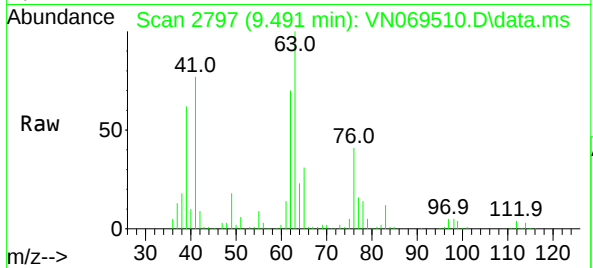
Tgt Ion:130 Resp: 210688
Ion Ratio Lower Upper
130 100
95 99.7 0.0 191.2





#45
1,2-Dichloropropane
Concen: 20.865 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

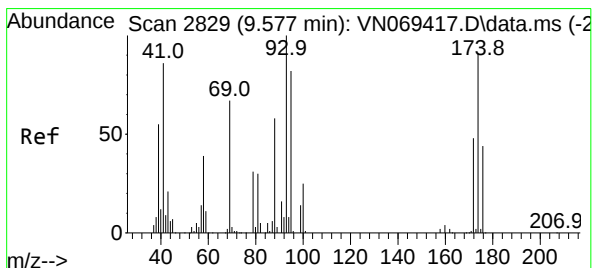
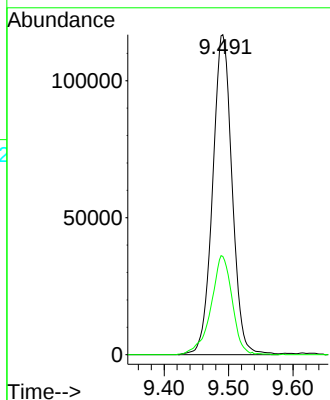
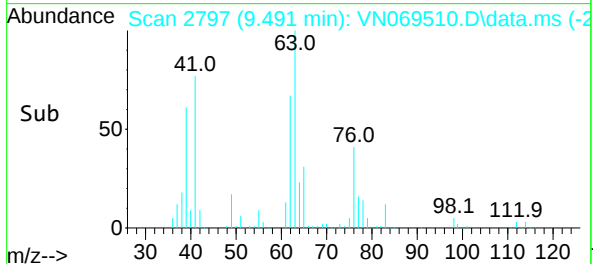
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



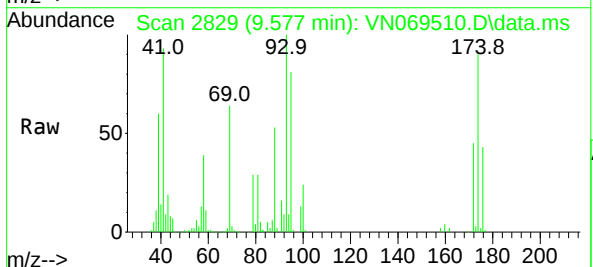
Tgt Ion: 63 Resp: 245108
Ion Ratio Lower Upper
63 100
65 30.7 24.7 37.1

Manual Integrations
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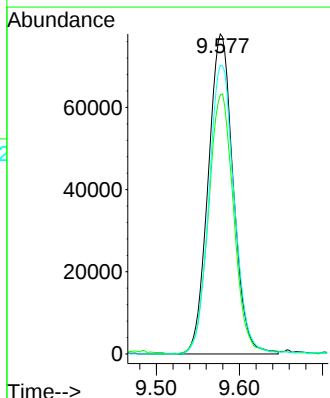
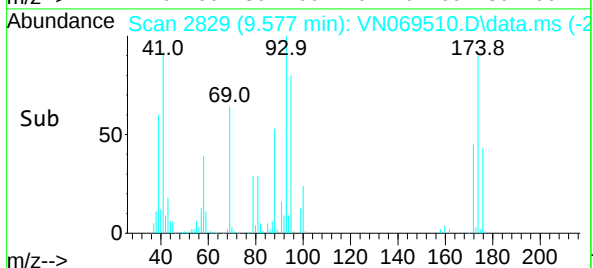
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

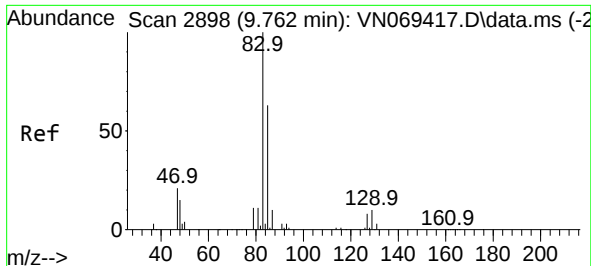


#46
Dibromomethane
Concen: 20.741 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion: 93 Resp: 163198
Ion Ratio Lower Upper
93 100
95 81.6 65.9 98.9
174 91.3 84.6 127.0





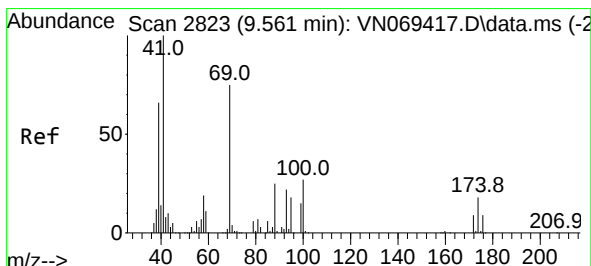
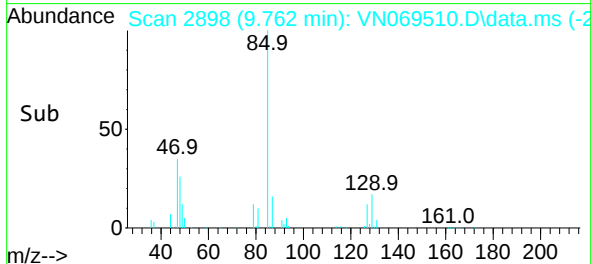
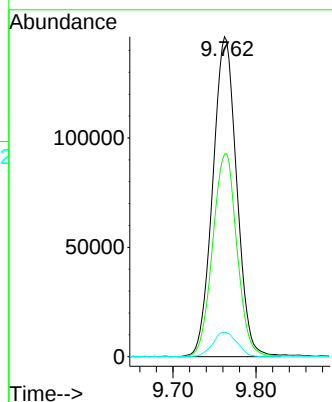
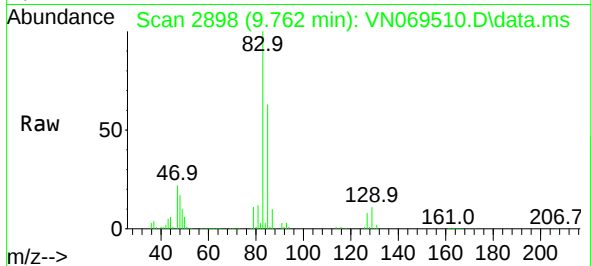
#47
Bromodichloromethane
Concen: 19.971 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion: 83 Resp: 293234
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 7.6 7.1 10.7

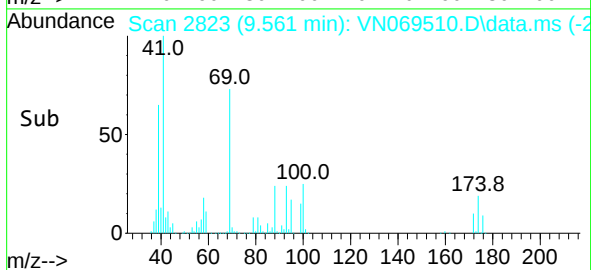
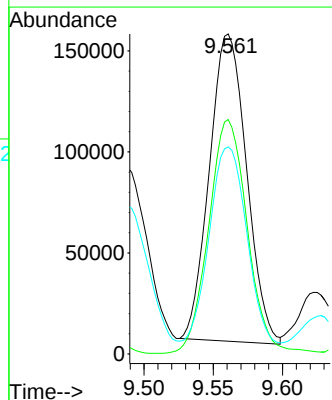
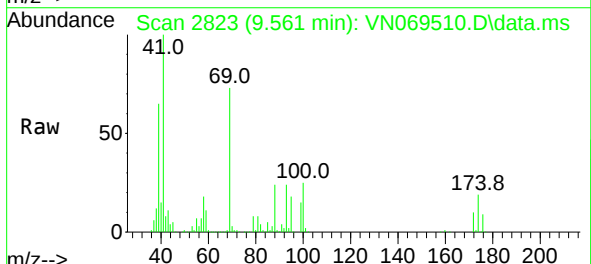
Manual Integrations
APPROVED

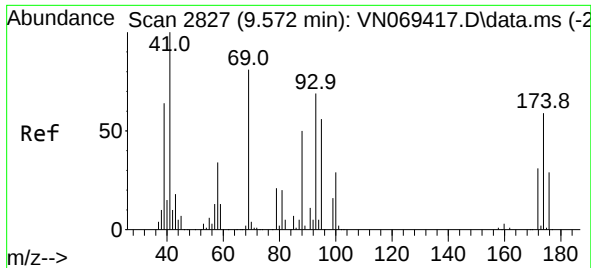
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#48
Methyl methacrylate
Concen: 19.510 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

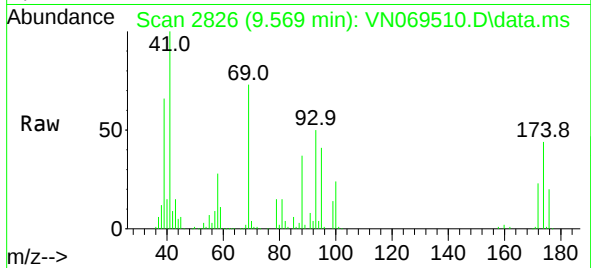
Tgt Ion: 41 Resp: 283906
Ion Ratio Lower Upper
41 100
69 79.2 72.4 108.6
39 70.6 58.4 87.6





#49
1,4-Dioxane
Concen: 386.439 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

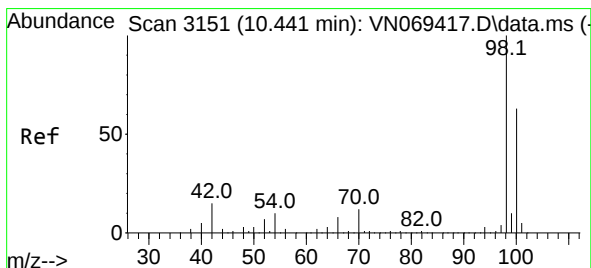
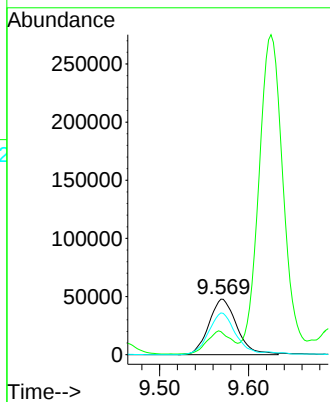
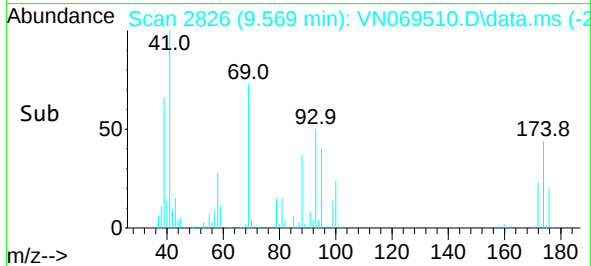
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 88 Resp: 104250
Ion Ratio Lower Upper
88 100
43 35.5 23.4 35.2
58 72.1 50.6 75.8

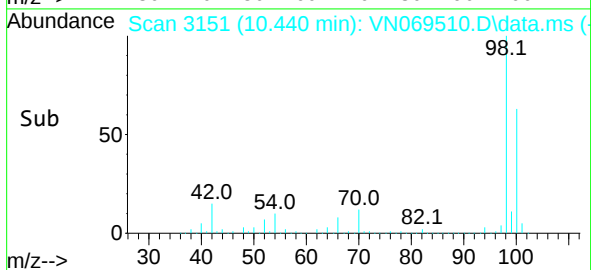
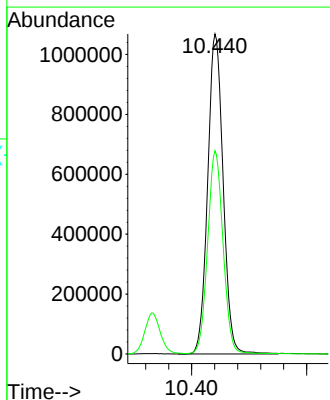
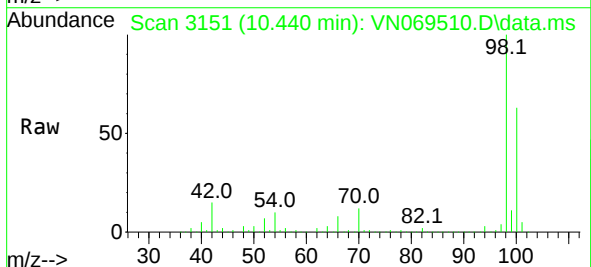
Manual Integrations
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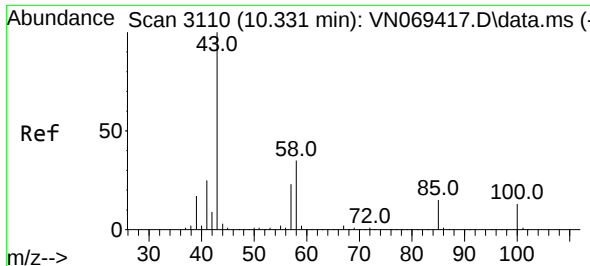
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50
Toluene-d8
Concen: 49.831 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 98 Resp: 1989950
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





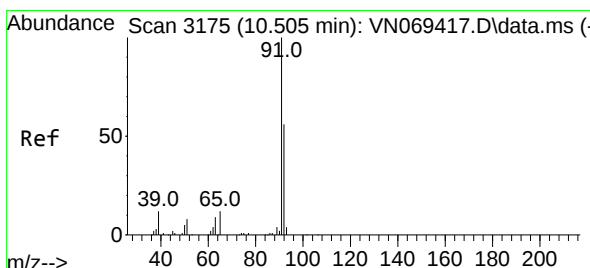
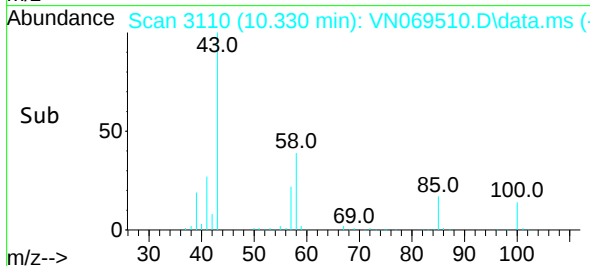
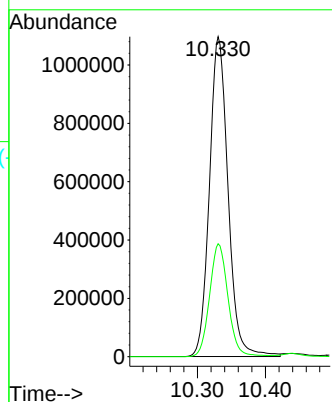
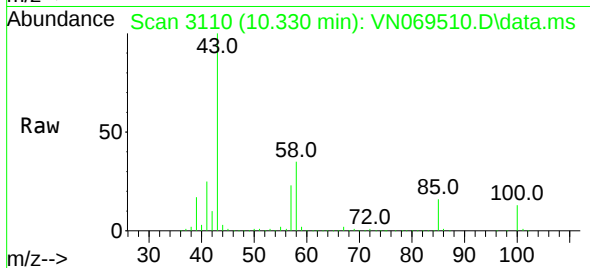
#51
4-Methyl-2-Pentanone
Concen: 104.580 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.001 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion: 43 Resp: 2087872
Ion Ratio Lower Upper
43 100
58 34.9 30.4 45.6

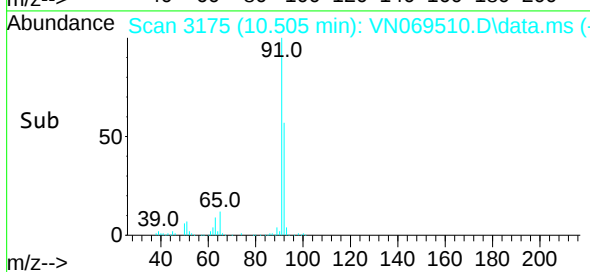
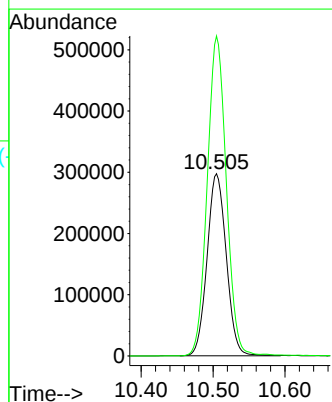
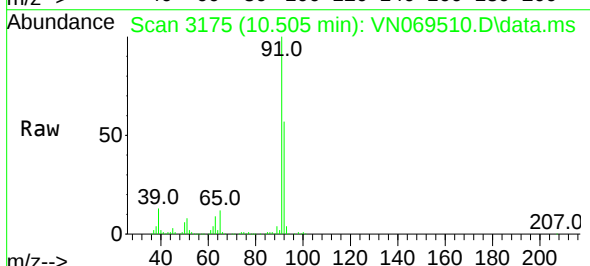
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 20.158 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

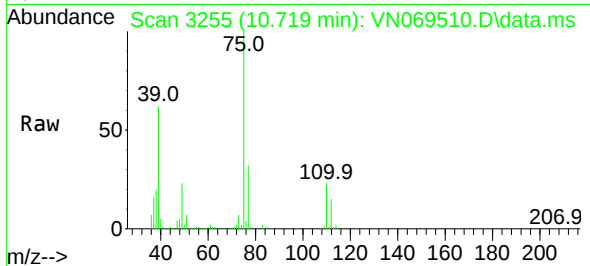
Tgt Ion: 92 Resp: 552180
Ion Ratio Lower Upper
92 100
91 174.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.711 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

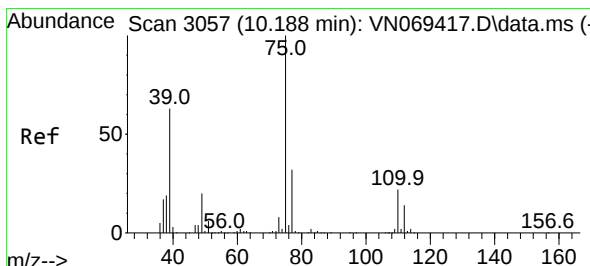
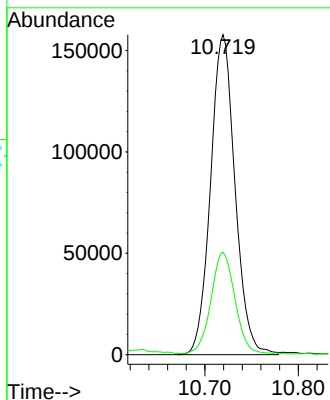
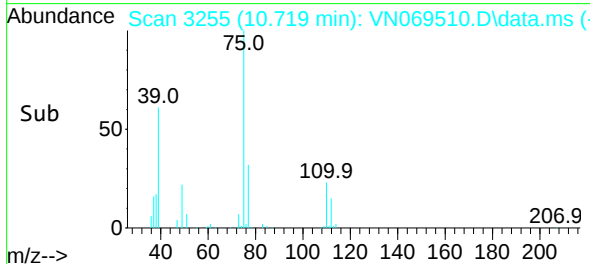
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 75 Resp: 287284
Ion Ratio Lower Upper
75 100
77 31.7 25.6 38.4

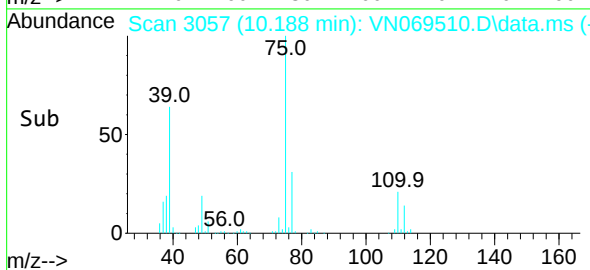
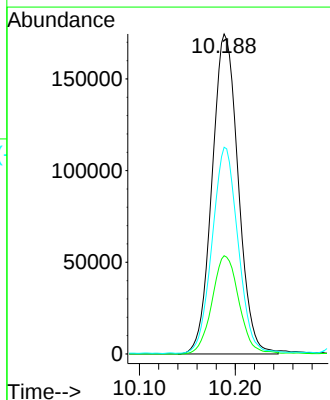
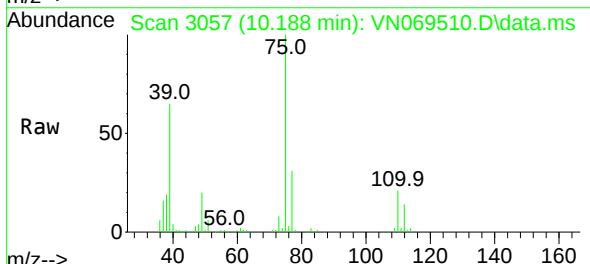
Manual Integrations
APPROVED

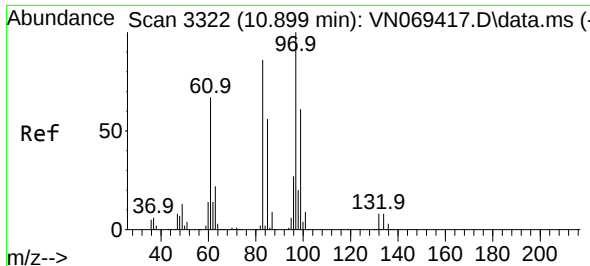
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#54
cis-1,3-Dichloropropene
Concen: 18.499 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

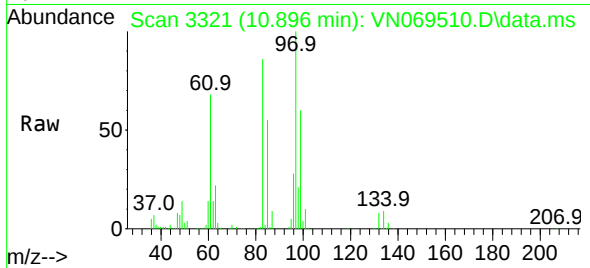
Tgt Ion: 75 Resp: 330403
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6
39 64.4 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 21.103 ug/l
RT: 10.896 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

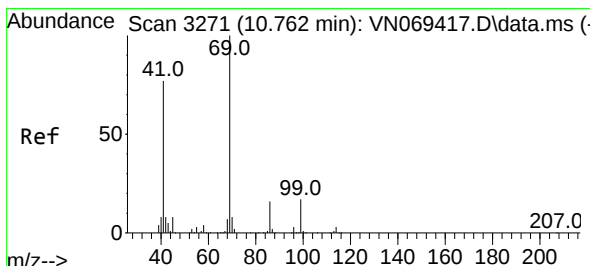
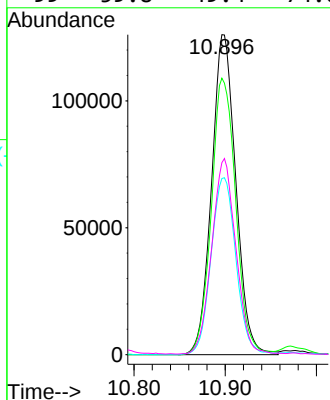
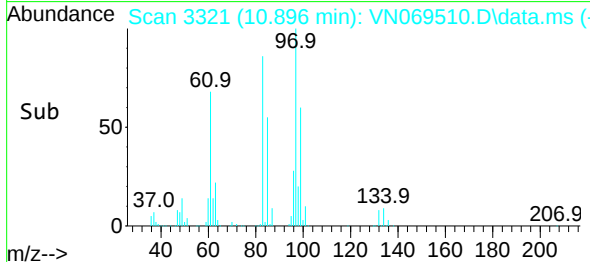


Tgt Ion: 97 Resp: 233021

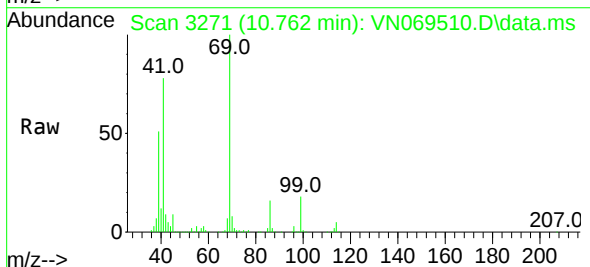
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.8	101.6
85	55.0	45.4	68.2
99	59.8	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

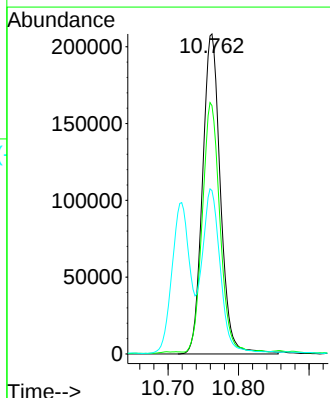
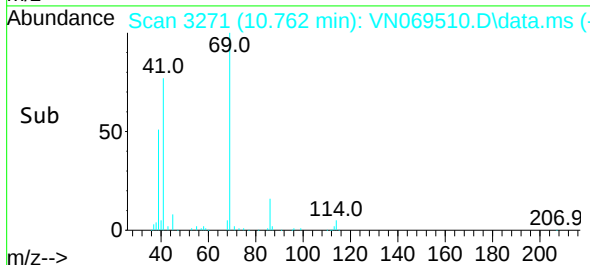


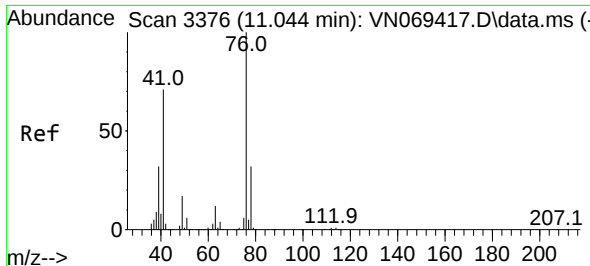
#56
Ethyl methacrylate
Concen: 18.995 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion: 69 Resp: 367634

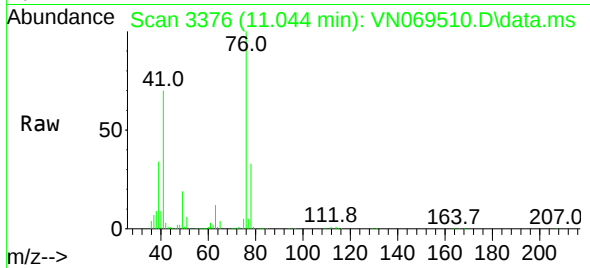
Ion	Ratio	Lower	Upper
69	100		
41	76.3	51.4	77.0
39	49.8	34.6	52.0





#57
1,3-Dichloropropane
Concen: 20.675 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

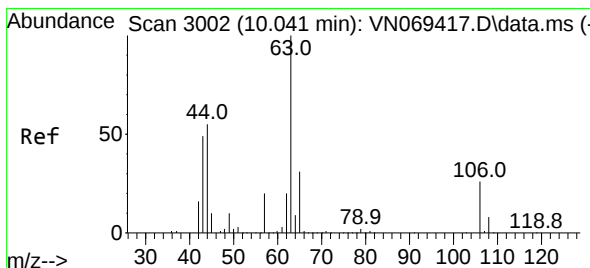
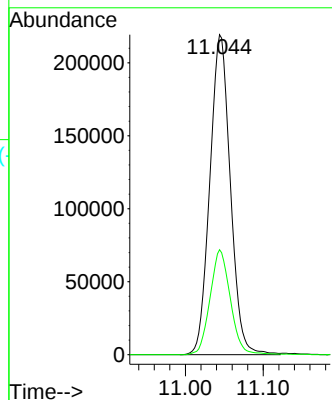
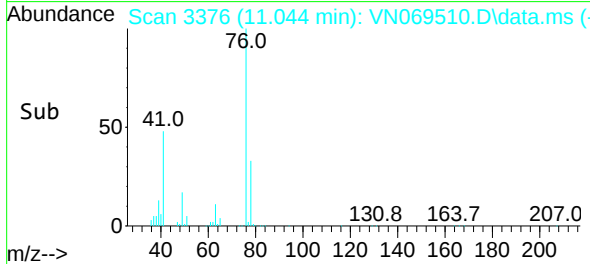
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 76 Resp: 401159
Ion Ratio Lower Upper
76 100
78 32.6 25.7 38.5

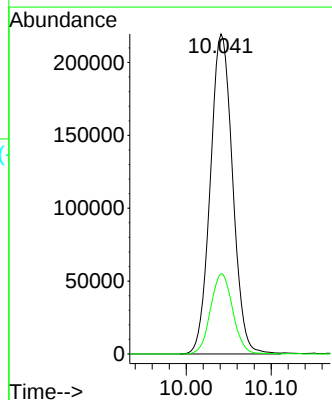
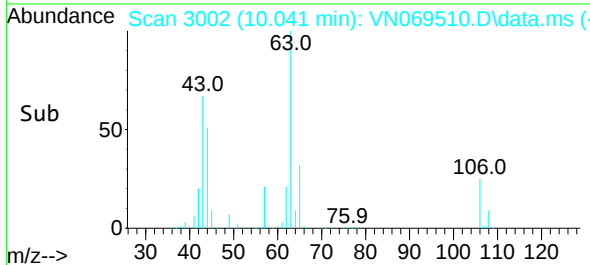
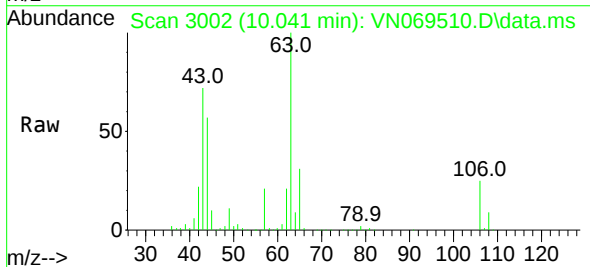
Manual Integrations
APPROVED

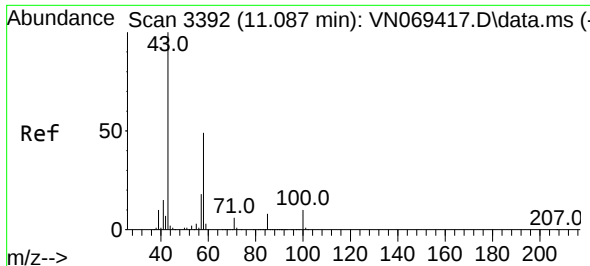
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#58
2-Chloroethyl Vinyl ether
Concen: 90.692 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

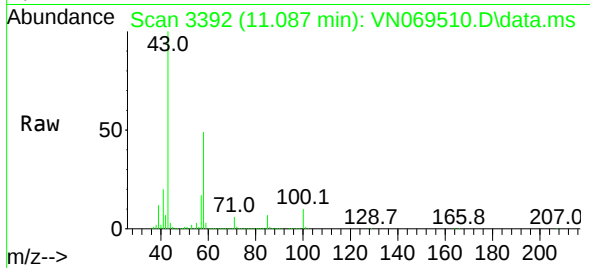
Tgt Ion: 63 Resp: 399842
Ion Ratio Lower Upper
63 100
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 91.567 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

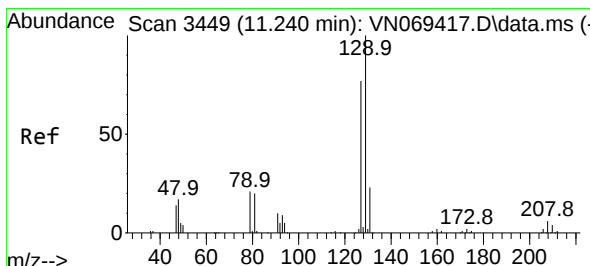
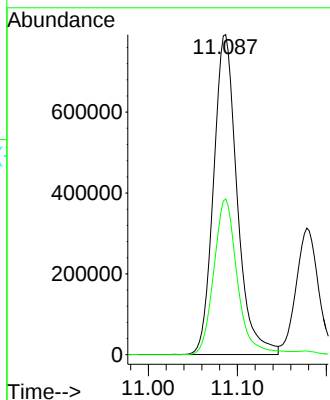
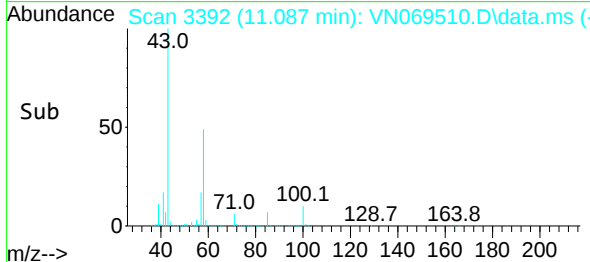
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion: 43 Resp: 145588
Ion Ratio Lower Upper
43 100
58 48.8 26.9 80.7

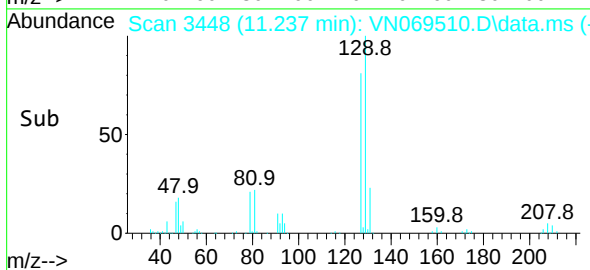
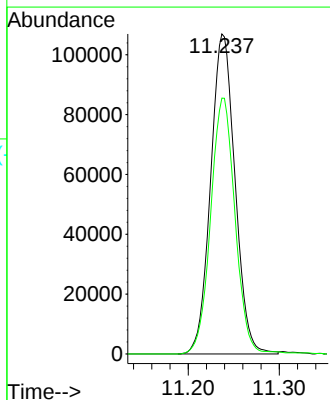
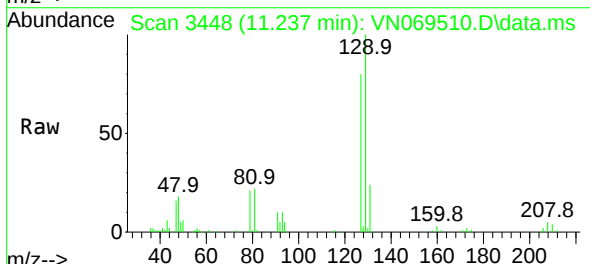
Manual Integrations
APPROVED

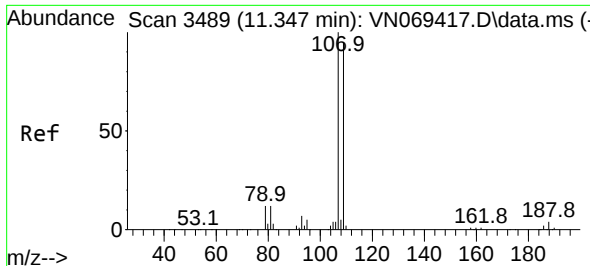
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#60
Dibromochloromethane
Concen: 18.032 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:129 Resp: 198852
Ion Ratio Lower Upper
129 100
127 79.9 38.6 116.0





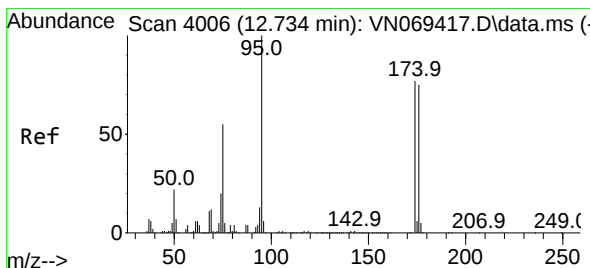
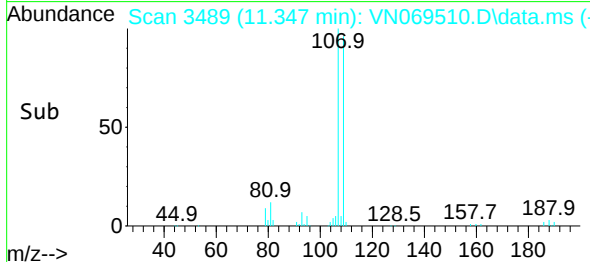
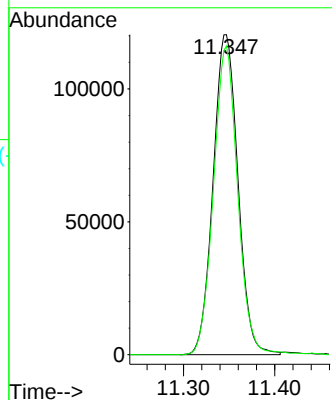
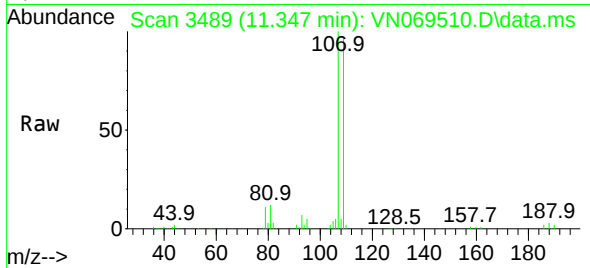
#61
1,2-Dibromoethane
Concen: 19.150 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion:107 Resp: 227699
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

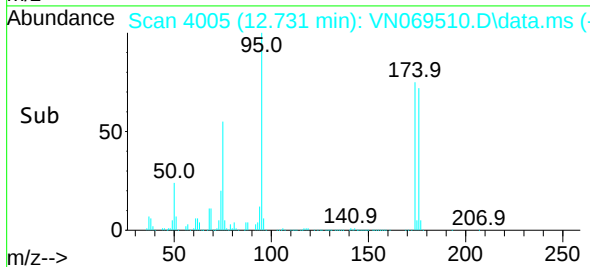
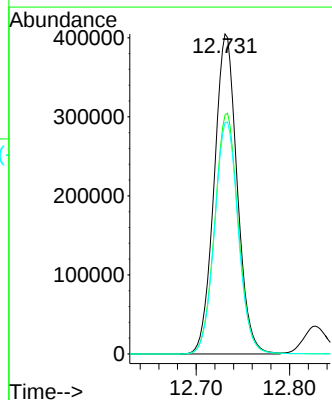
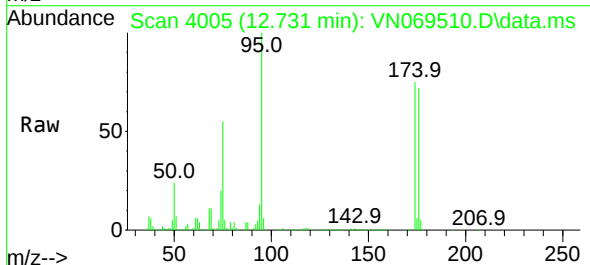
Manual Integrations
APPROVED

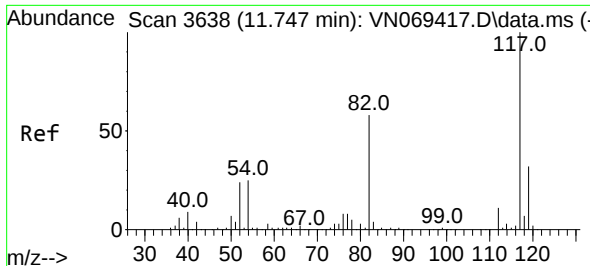
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#62
4-Bromofluorobenzene
Concen: 47.309 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

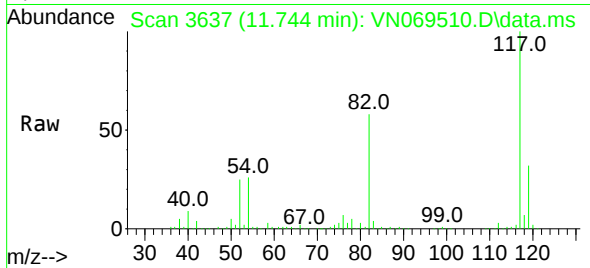
Tgt Ion: 95 Resp: 694031
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

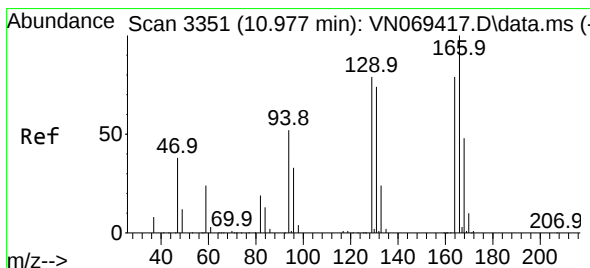
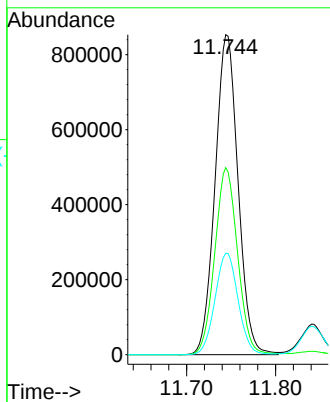
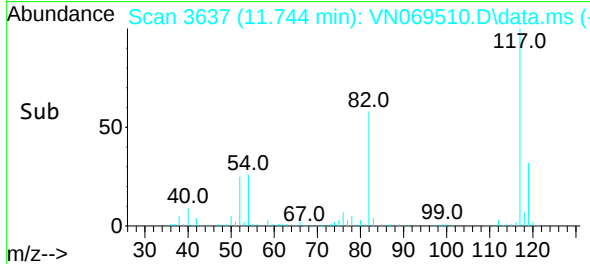
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



Tgt Ion:117 Resp: 153287
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 31.7 25.4 38.2

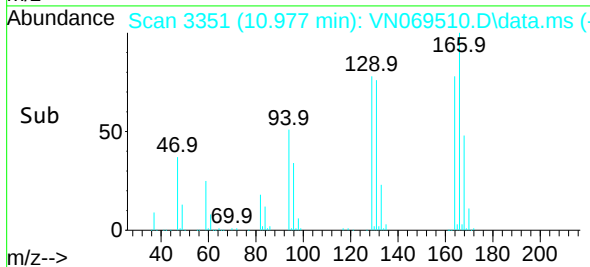
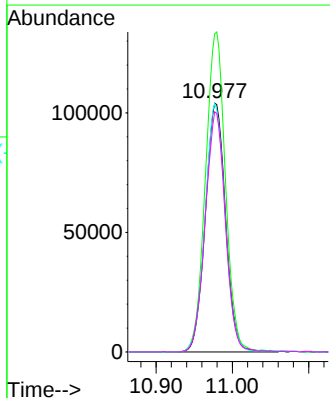
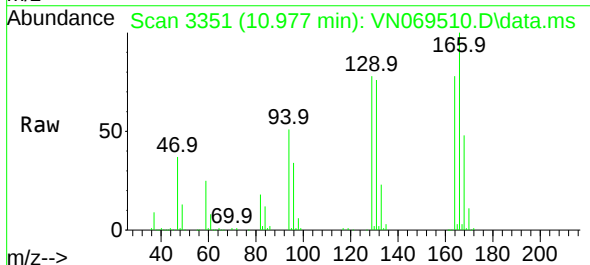
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64
Tetrachloroethene
Concen: 20.710 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

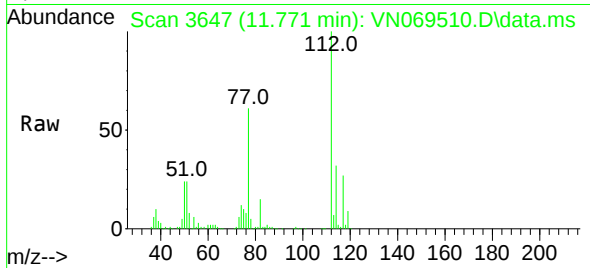
Tgt Ion:164 Resp: 191689
Ion Ratio Lower Upper
164 100
166 127.8 101.9 152.9
129 99.8 72.0 108.0
131 96.5 70.9 106.3





#65
Chlorobenzene
Concen: 20.665 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

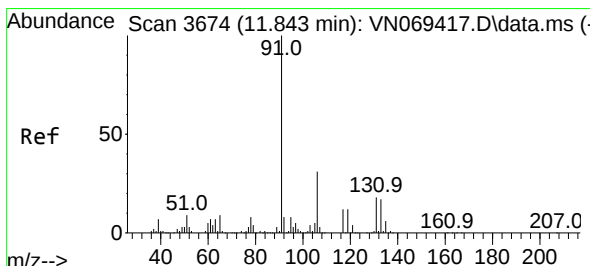
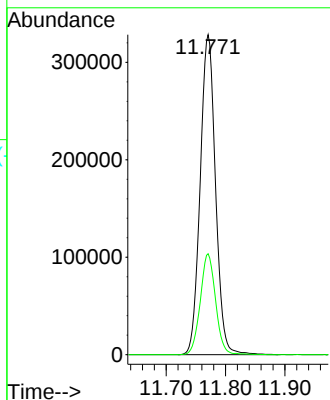
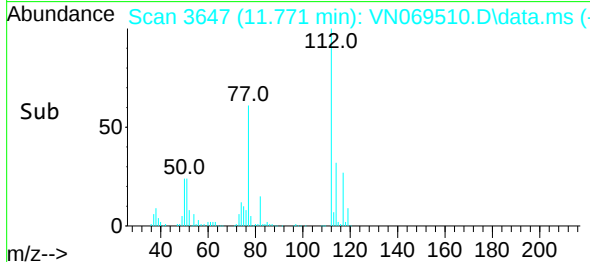
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



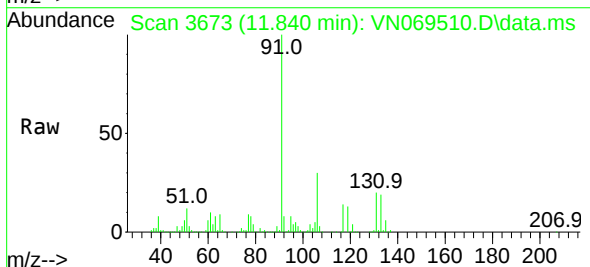
Tgt Ion:112 Resp: 589620
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

Manual Integrations
APPROVED

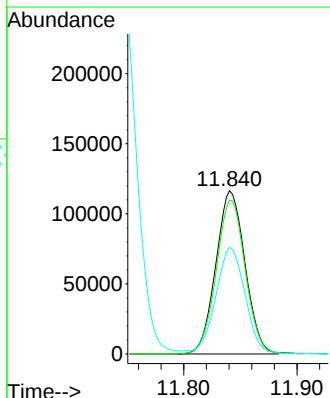
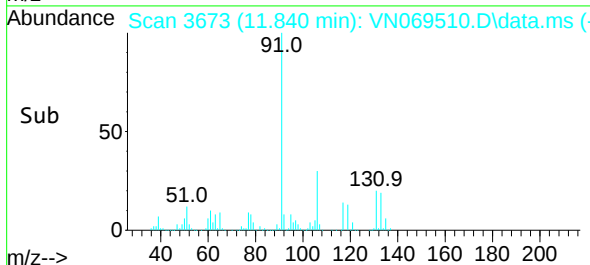
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

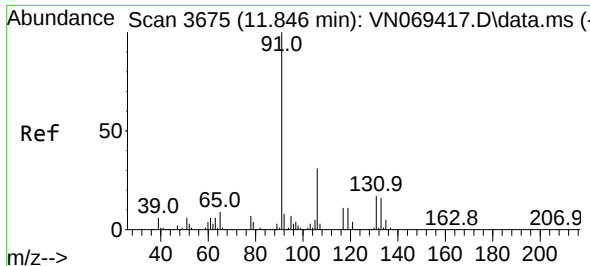


#66
1,1,1,2-Tetrachloroethane
Concen: 21.020 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



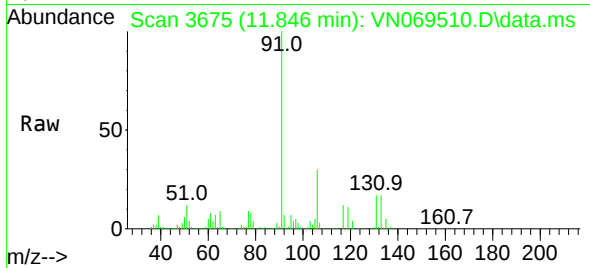
Tgt Ion:131 Resp: 208023
Ion Ratio Lower Upper
131 100
133 93.9 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 20.326 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

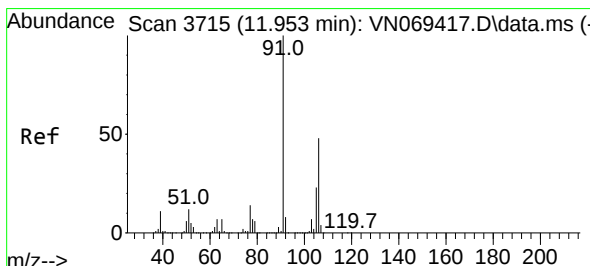
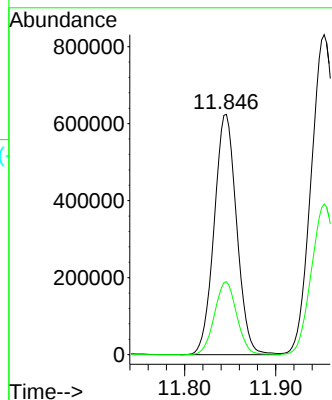
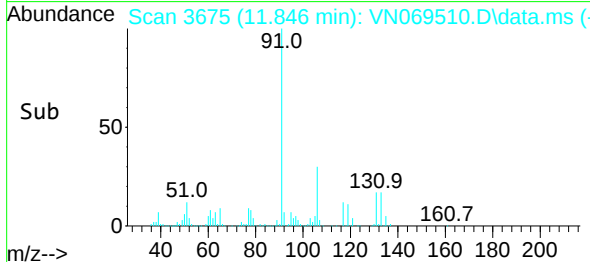
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



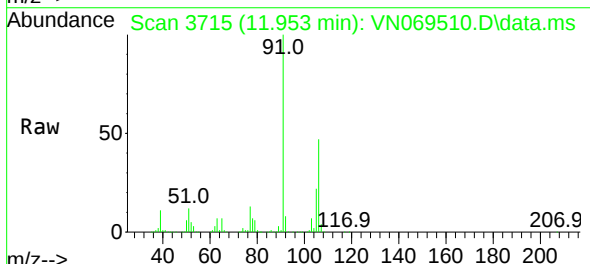
Tgt Ion: 91 Resp: 106961
Ion Ratio Lower Upper
91 100
106 30.3 25.7 38.5

Manual Integrations
APPROVED

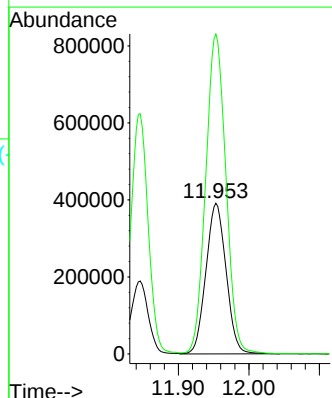
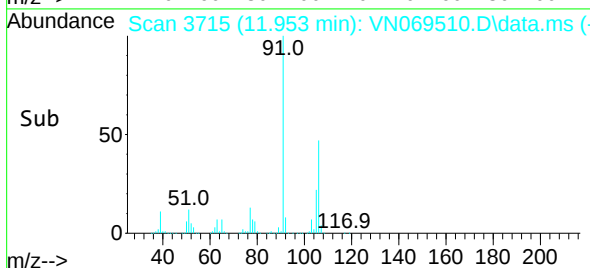
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

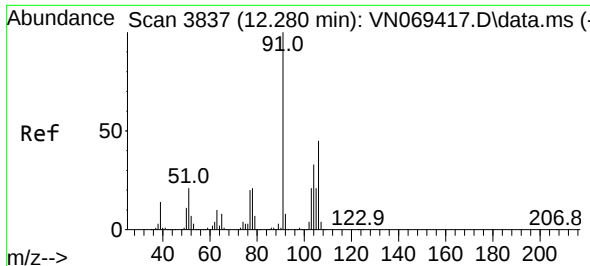


#68
m/p-Xylenes
Concen: 40.101 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



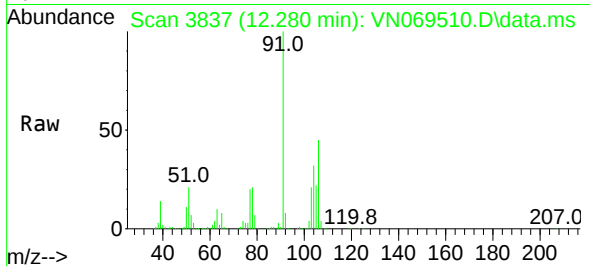
Tgt Ion:106 Resp: 776098
Ion Ratio Lower Upper
106 100
91 212.8 160.6 240.8





#69
o-Xylene
Concen: 20.177 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

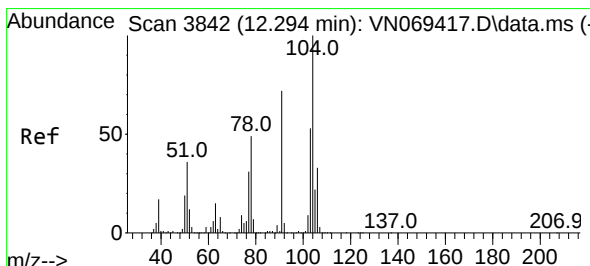
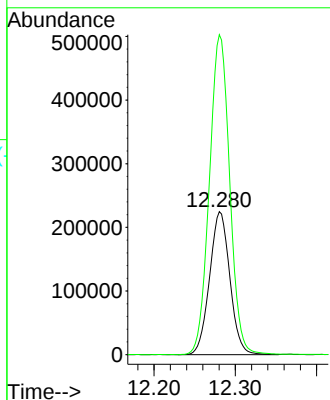
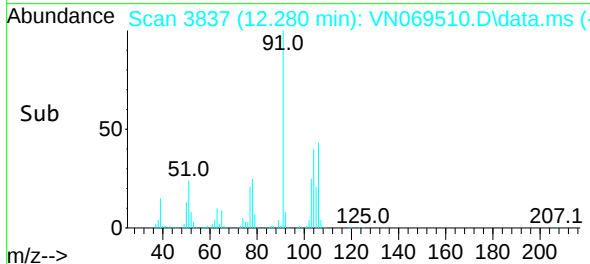
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



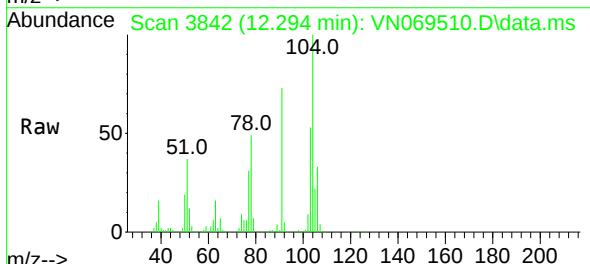
Tgt Ion:106 Resp: 389299
Ion Ratio Lower Upper
106 100
91 224.6 105.8 317.3

Manual Integrations
APPROVED

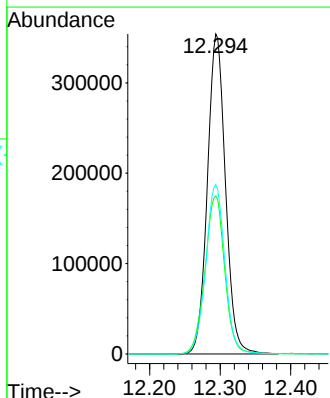
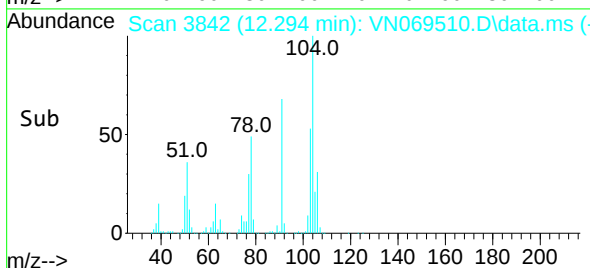
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

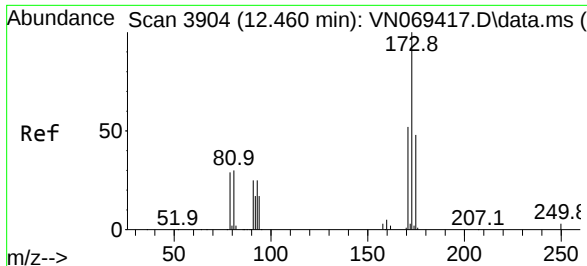


#70
Styrene
Concen: 19.145 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



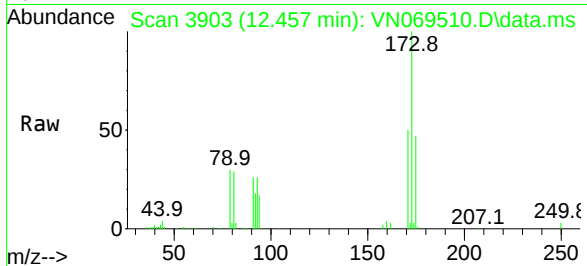
Tgt Ion:104 Resp: 629724
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 17.786 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

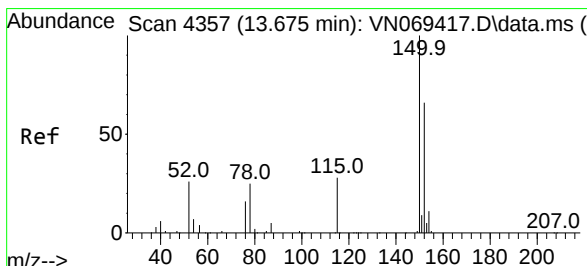
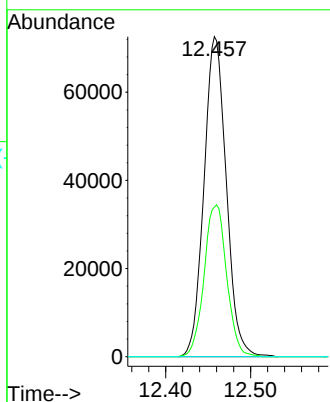
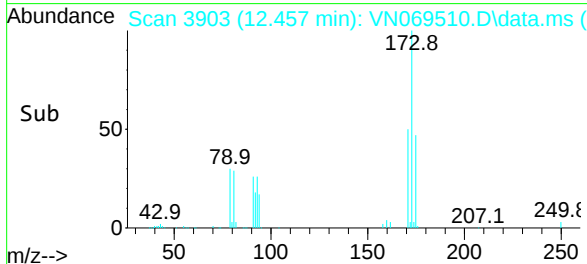
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



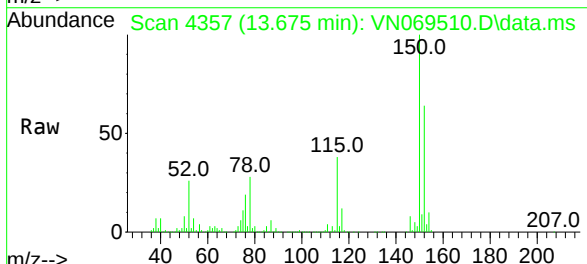
Tgt Ion:173 Resp: 132460
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

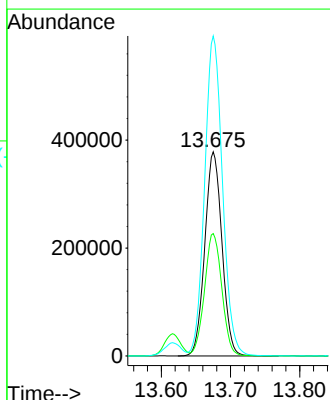
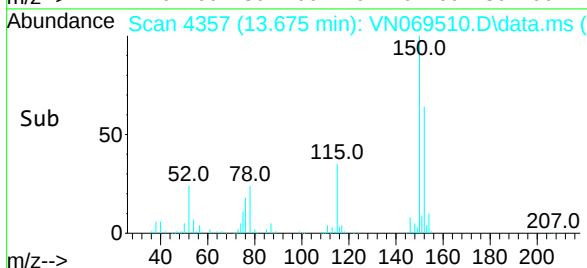
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

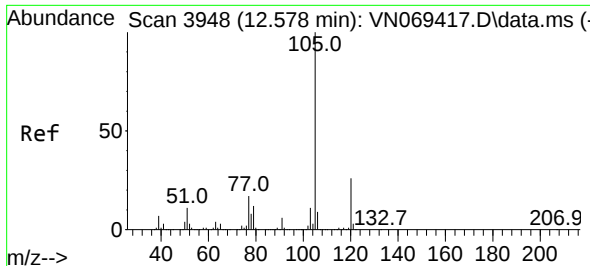


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



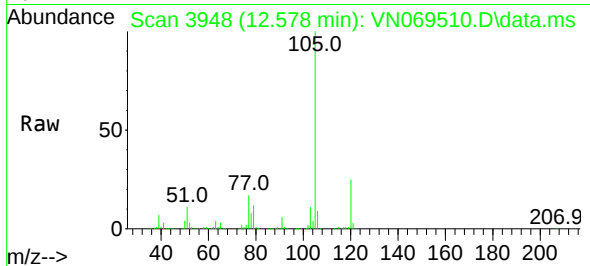
Tgt Ion:152 Resp: 652283
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 162.7 0.0 344.4





#73
Isopropylbenzene
Concen: 19.739 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

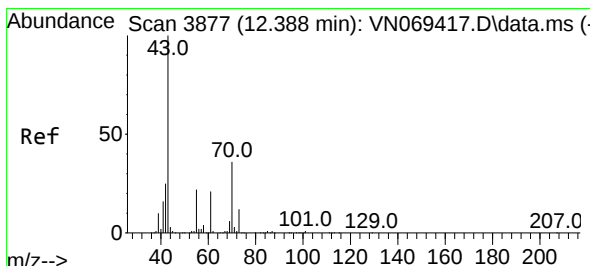
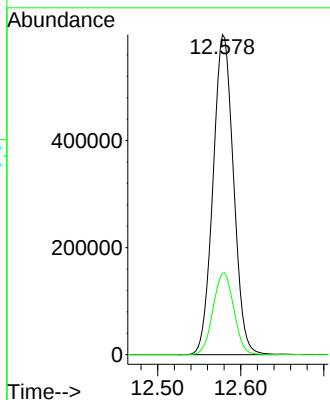
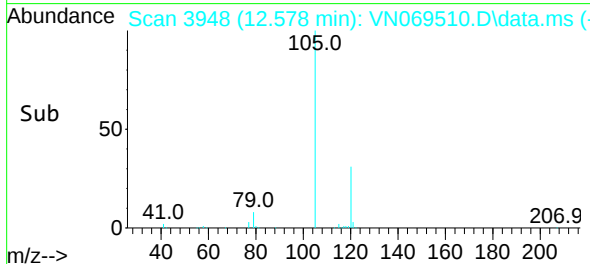
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



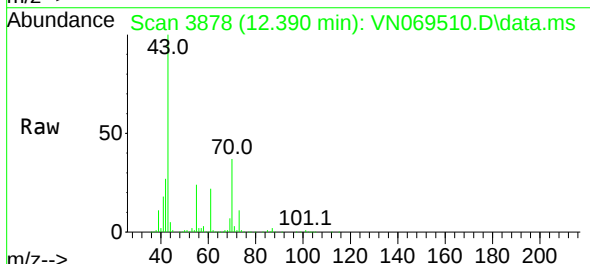
Tgt Ion:105 Resp: 1025140
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

Manual Integrations
APPROVED

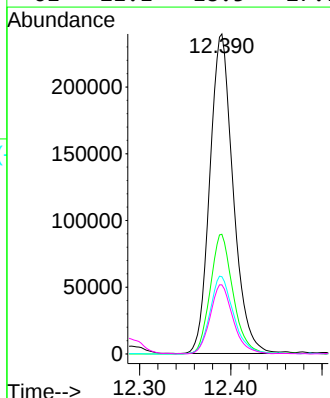
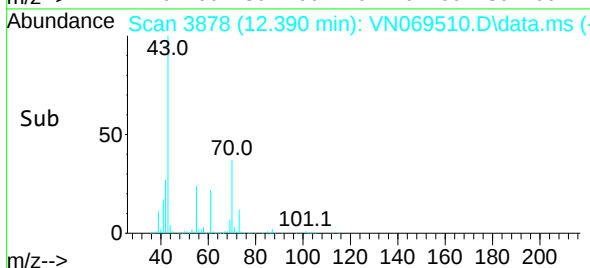
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

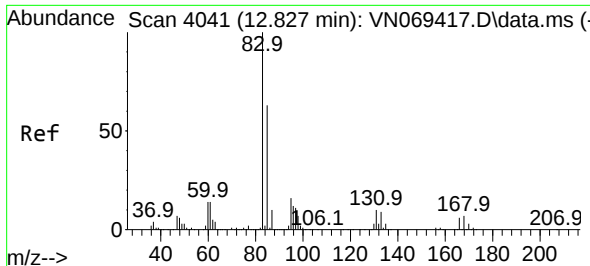


#74
N-ethyl acetate
Concen: 19.273 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



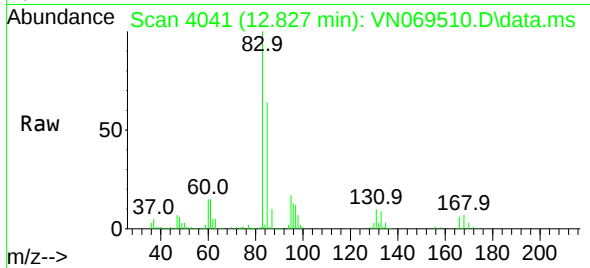
Tgt Ion: 43 Resp: 424194
Ion Ratio Lower Upper
43 100
70 36.7 33.4 50.0
55 24.6 19.3 28.9
61 21.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.793 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

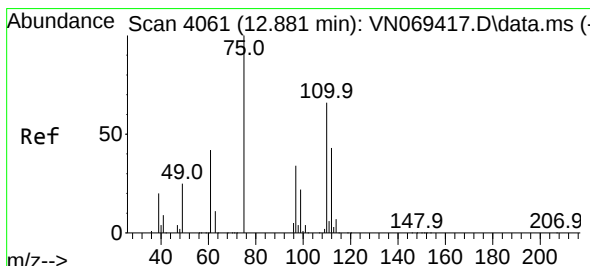
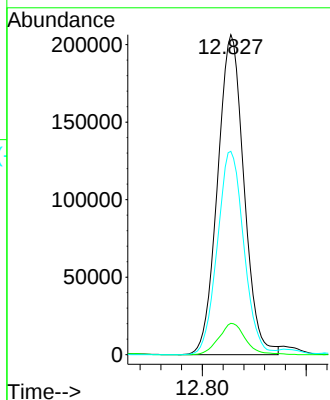
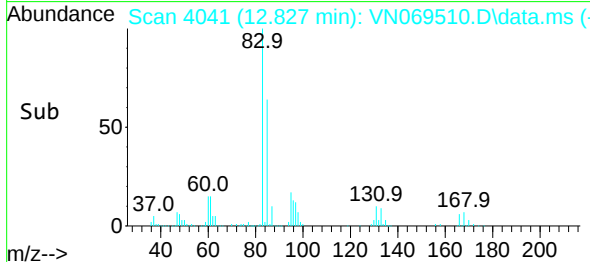
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



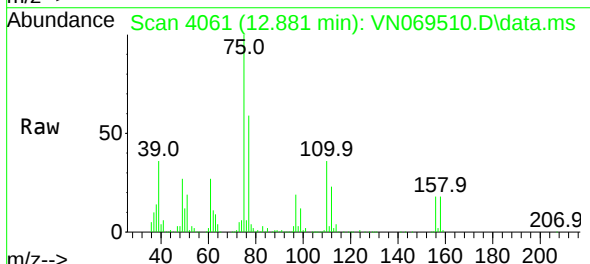
Tgt Ion: 83 Resp: 364225
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
APPROVED

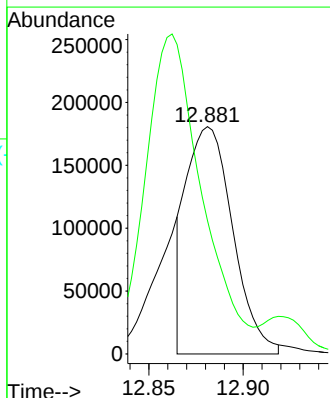
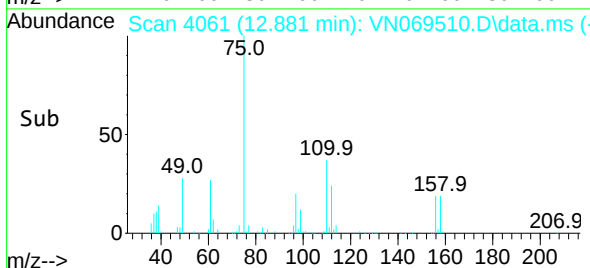
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

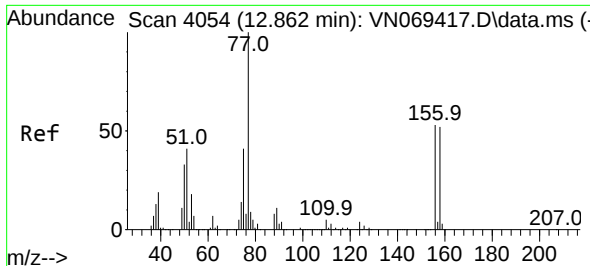


#76
1,2,3-Trichloropropane
Concen: 20.629 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion: 75 Resp: 310538
Ion Ratio Lower Upper
75 100
77 171.2 82.6 247.8





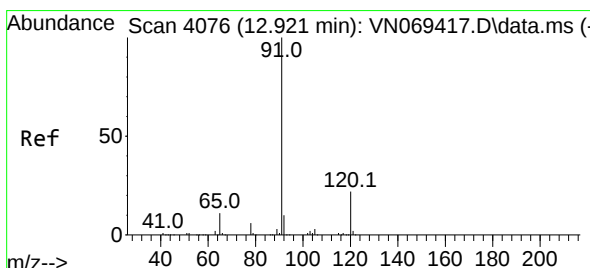
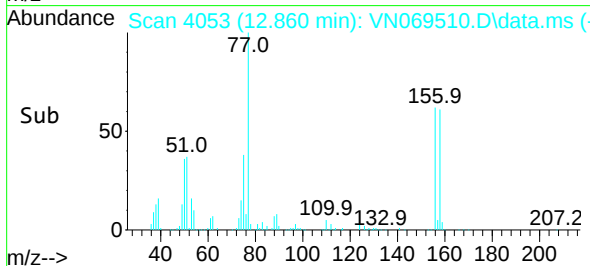
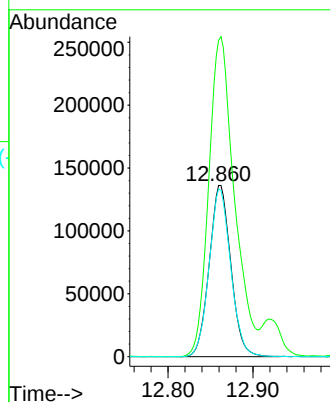
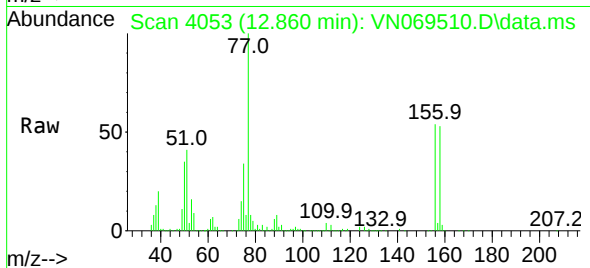
#77
Bromobenzene
Concen: 20.226 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion:156 Resp: 24024
Ion Ratio Lower Upper
156 100
77 221.2 90.6 271.8
158 98.2 48.9 146.7

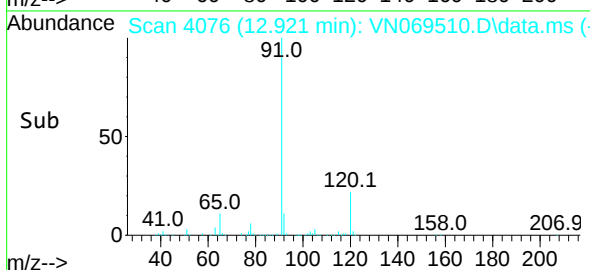
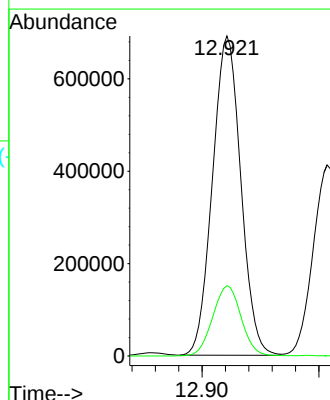
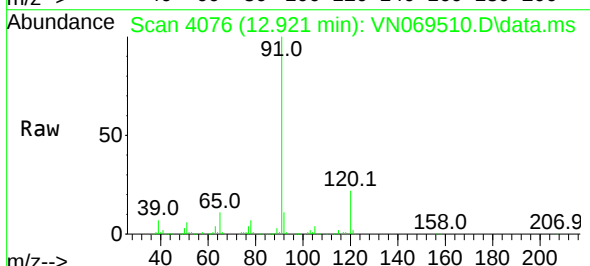
Manual Integrations
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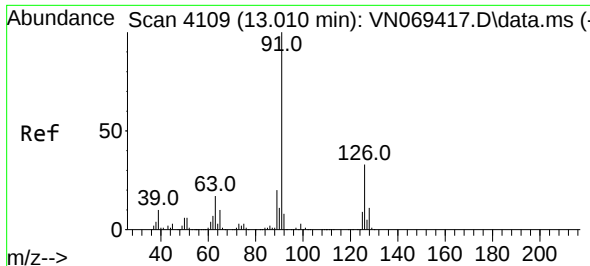
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#78
n-propylbenzene
Concen: 19.879 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion: 91 Resp: 1161691
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9





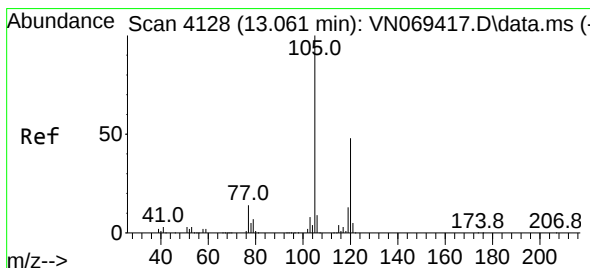
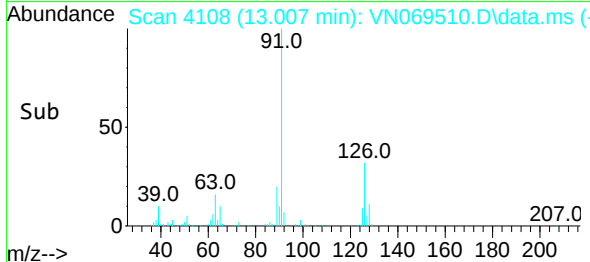
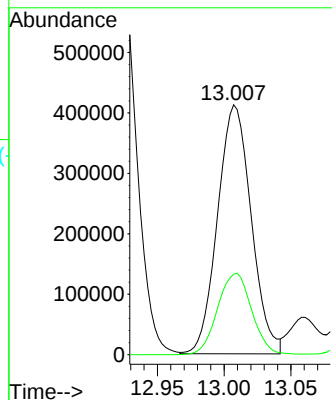
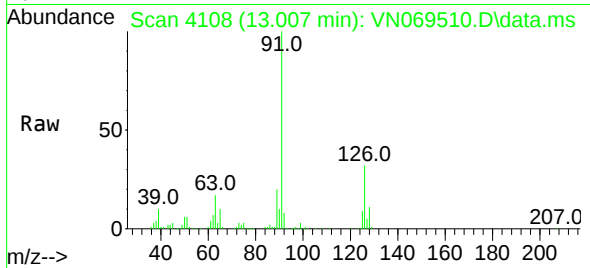
#79
2-Chlorotoluene
Concen: 20.018 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion: 91 Resp: 724338
Ion Ratio Lower Upper
91 100
126 33.1 18.3 54.8

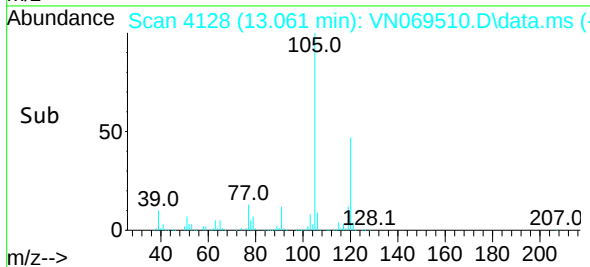
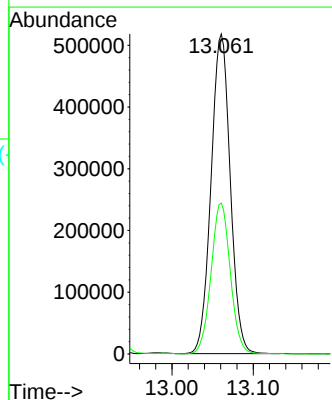
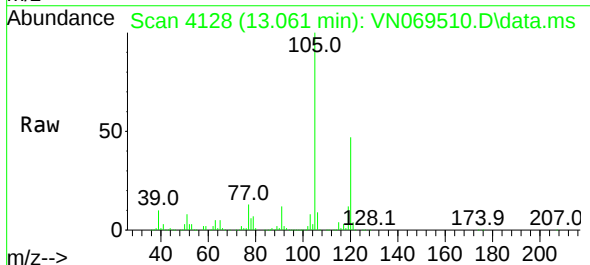
Manual Integrations
APPROVED

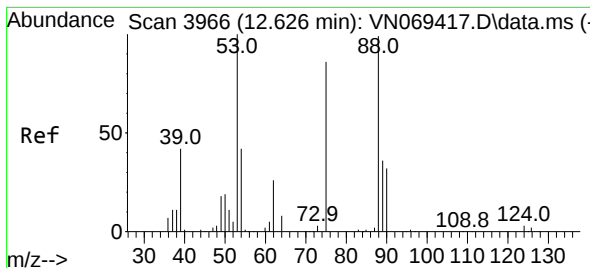
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 20.218 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:105 Resp: 848843
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





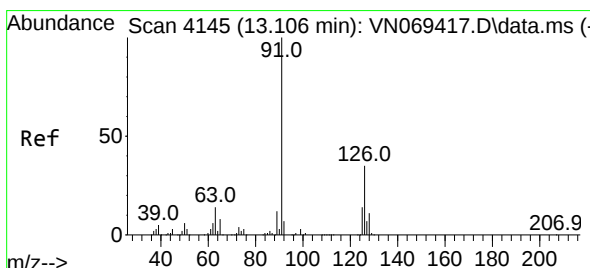
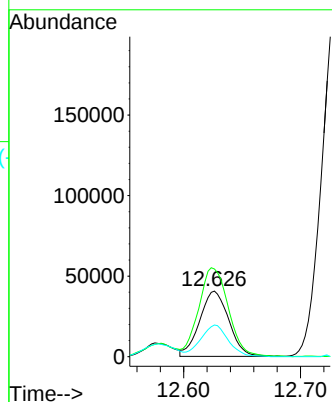
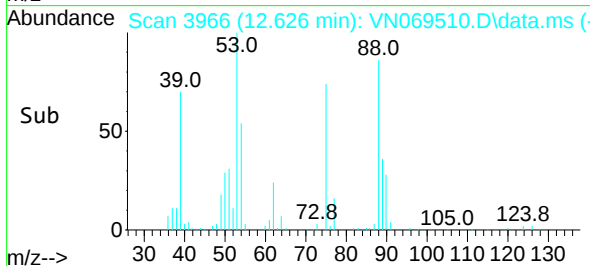
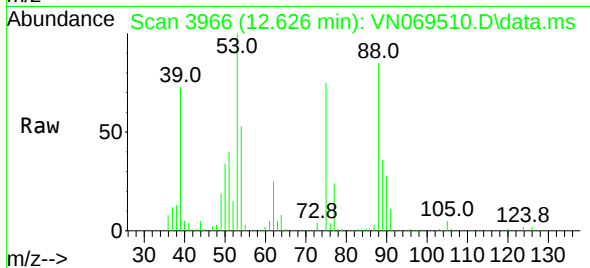
#81
trans-1,4-Dichloro-2-butene
Concen: 17.993 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion: 75 Resp: 69800
Ion Ratio Lower Upper
75 100
53 140.5 90.5 135.7
89 46.6 38.2 57.4

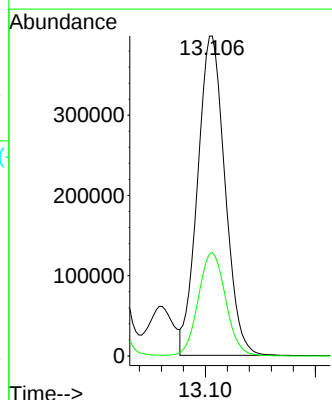
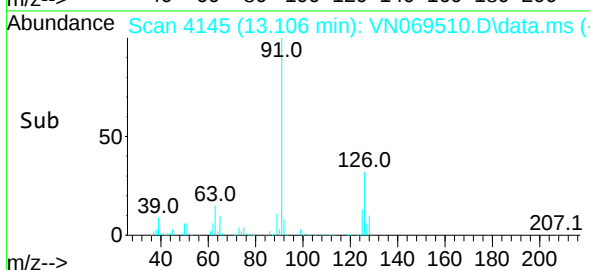
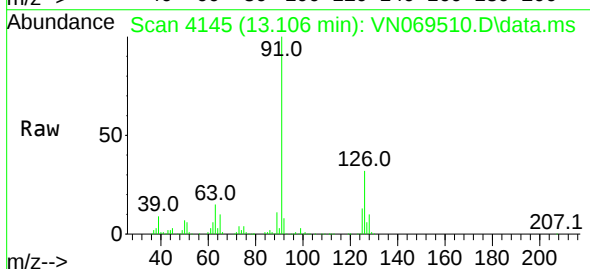
Manual Integrations
APPROVED

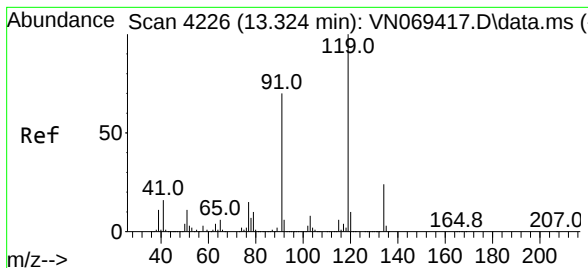
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#82
4-Chlorotoluene
Concen: 19.941 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

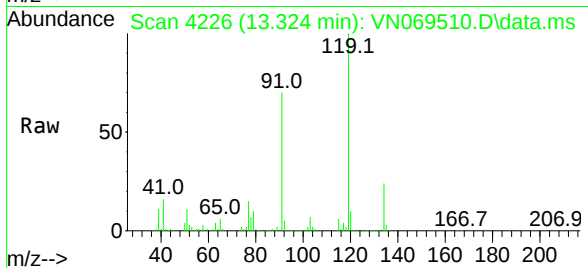
Tgt Ion: 91 Resp: 687808
Ion Ratio Lower Upper
91 100
126 32.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.419 ug/l
RT: 13.324 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

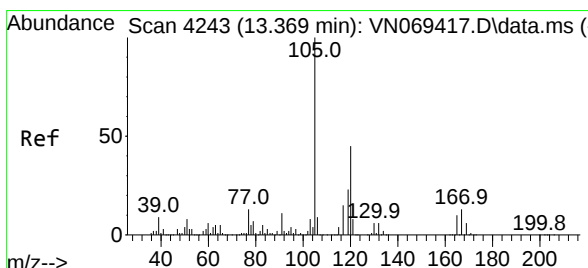
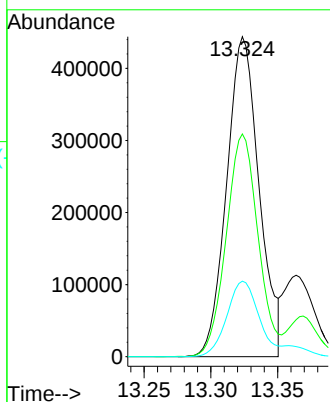
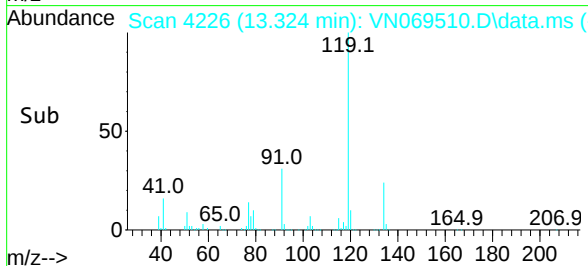
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



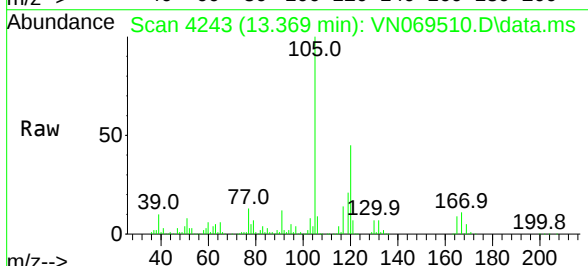
Tgt Ion:119 Resp: 75127
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 23.5 12.4 37.4

Manual Integrations
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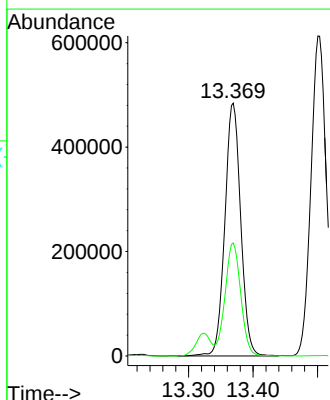
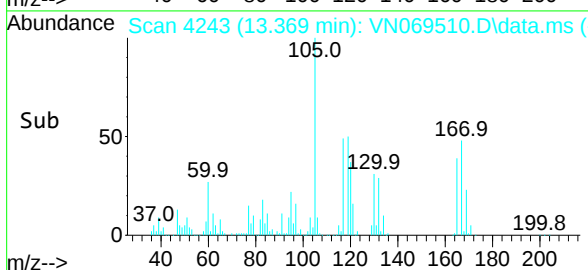
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 20.398 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion:105 Resp: 826783
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4





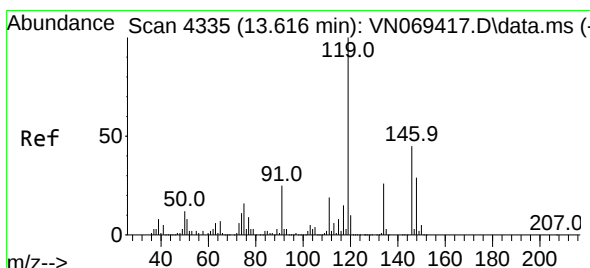
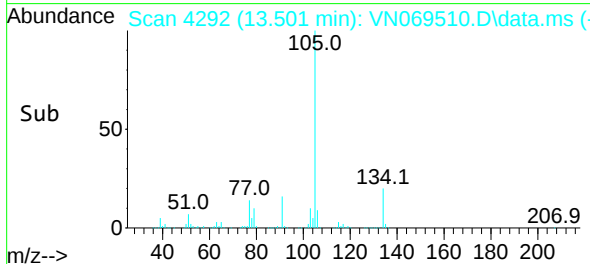
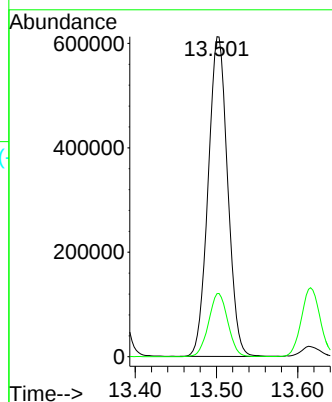
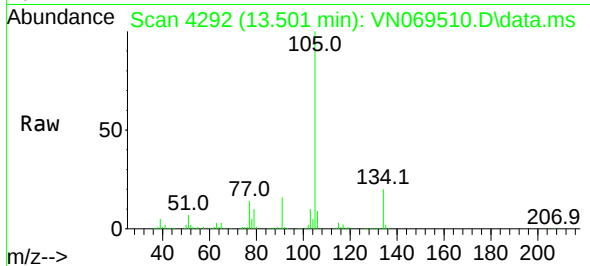
#85
 sec-Butylbenzene
 Concen: 19.836 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.002 min
 Lab File: VN069510.D
 Acq: 16 Nov 2021 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116MBS01

Tgt Ion:105 Resp: 1019470
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.4 31.1

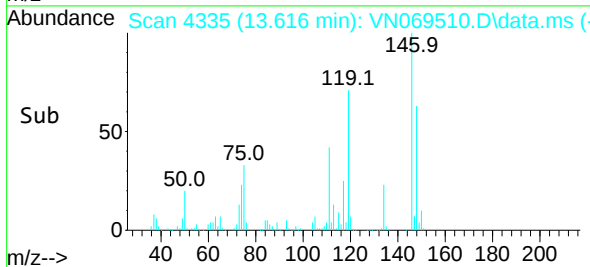
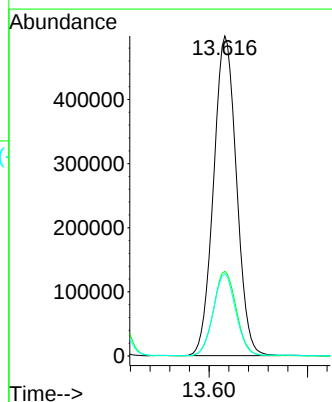
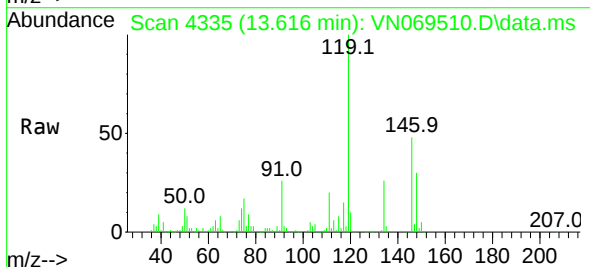
Manual Integrations
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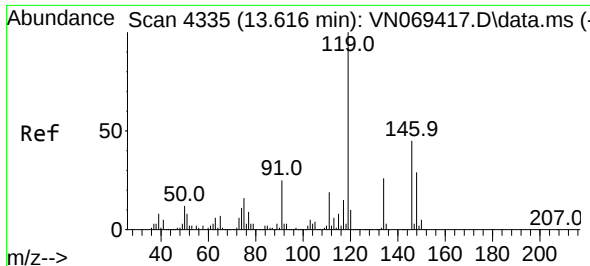
Reviewed By :John Carlone 11/17/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#86
 p-Isopropyltoluene
 Concen: 19.771 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. -0.000 min
 Lab File: VN069510.D
 Acq: 16 Nov 2021 15:59

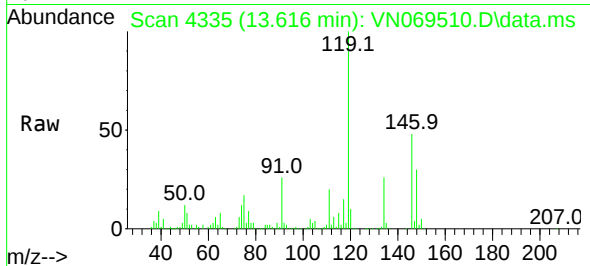
Tgt Ion:119 Resp: 806667
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.6 40.7
 91 25.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.033 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

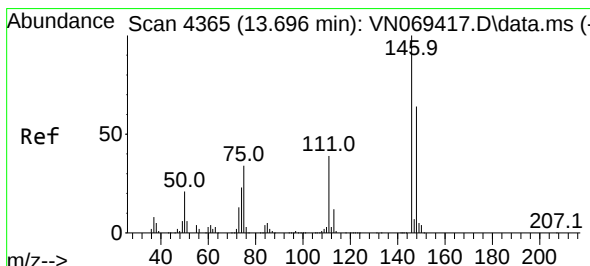
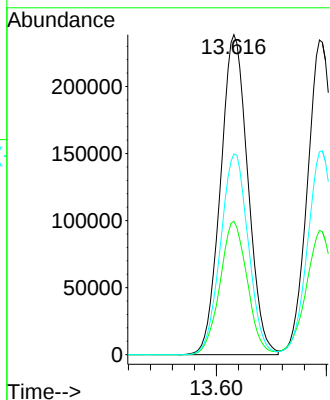
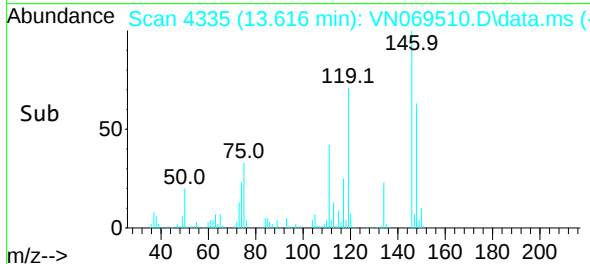
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



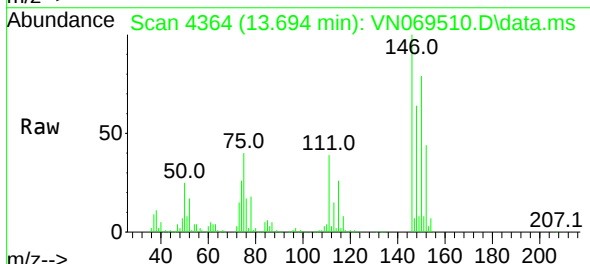
Tgt Ion:146 Resp: 41253
Ion Ratio Lower Upper
146 100
111 41.4 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
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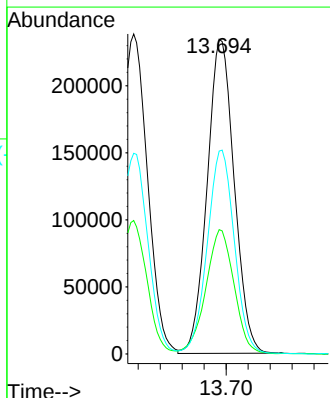
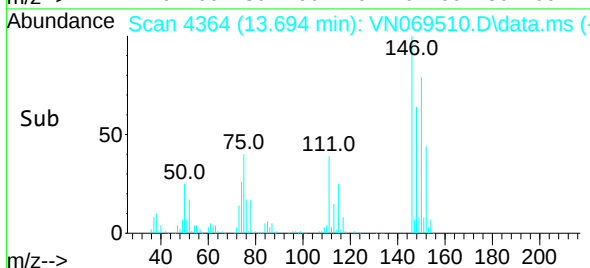
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

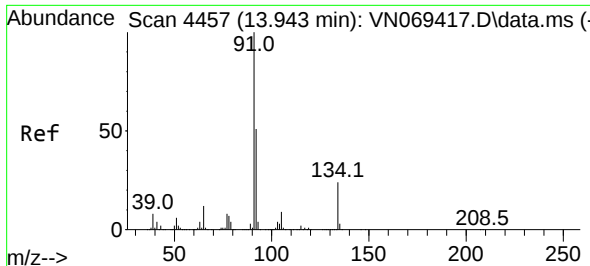


#88
1,4-Dichlorobenzene
Concen: 19.840 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.002 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion:146 Resp: 400815
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 65.4 31.8 95.4





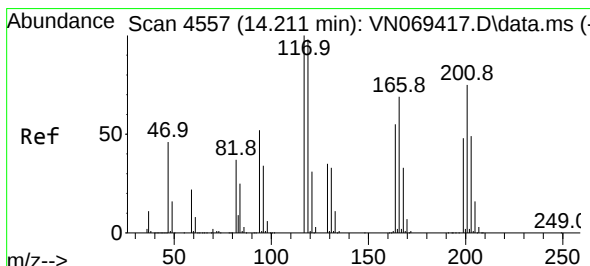
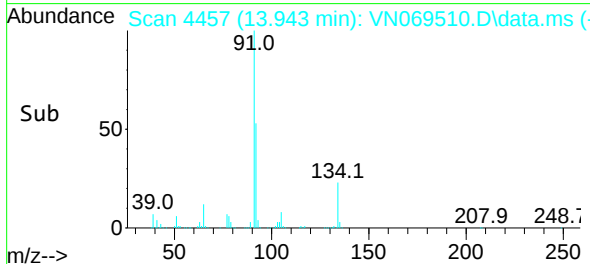
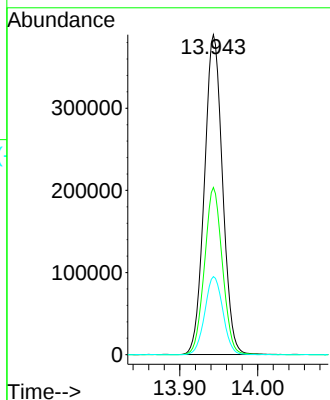
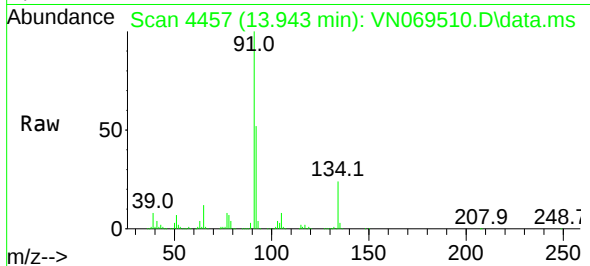
#89
n-Butylbenzene
Concen: 18.520 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion: 91 Resp: 63012
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.4 13.6 40.8

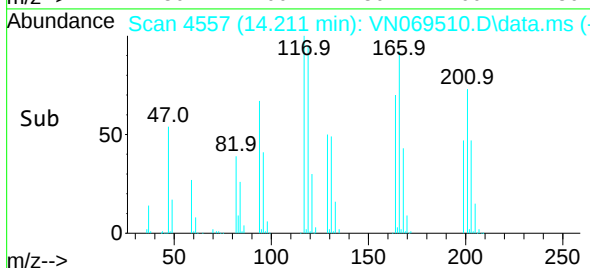
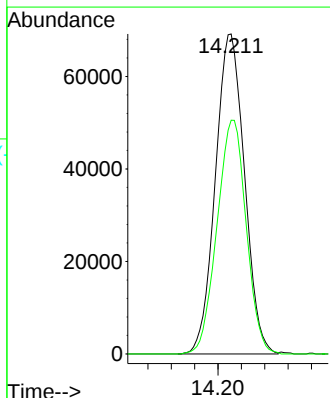
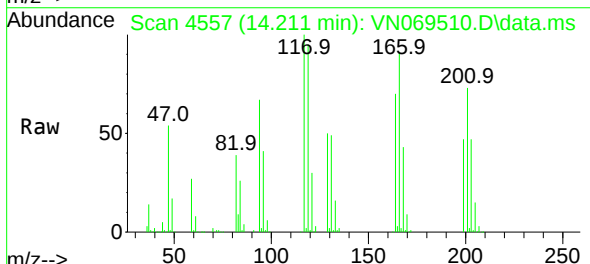
Manual Integrations
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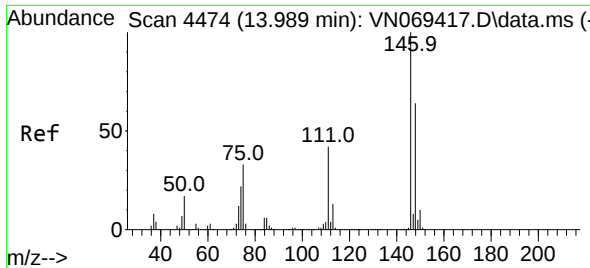
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 17.428 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Tgt Ion:117 Resp: 119665
Ion Ratio Lower Upper
117 100
201 73.3 43.9 131.6





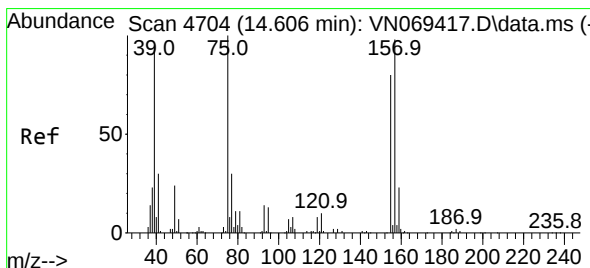
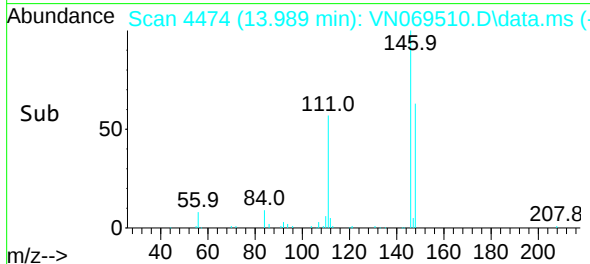
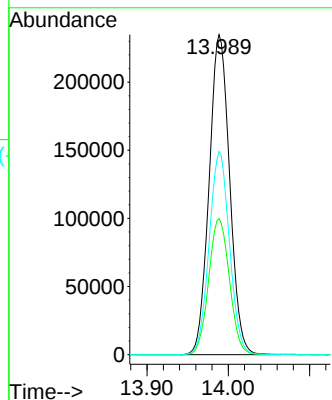
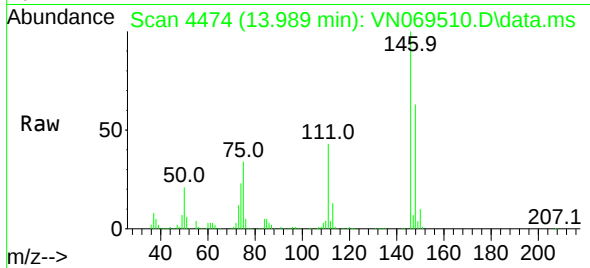
#91
1,2-Dichlorobenzene
Concen: 21.013 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01

Tgt Ion:146 Resp: 41175
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.0 32.1 96.3

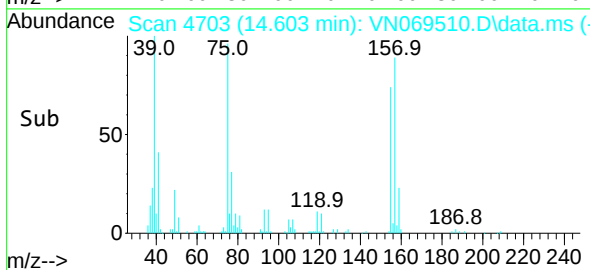
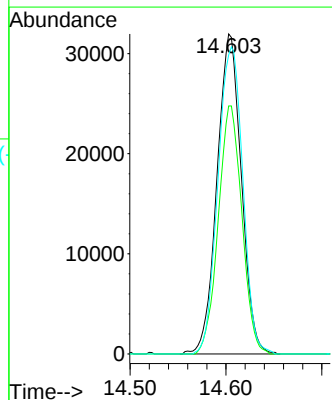
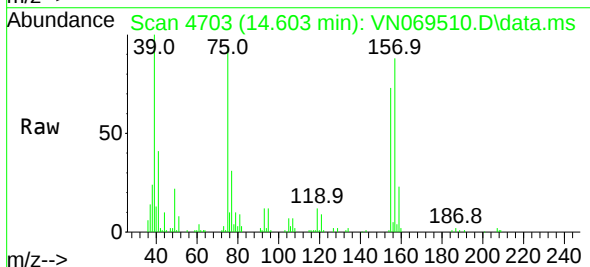
Manual Integrations
APPROVED

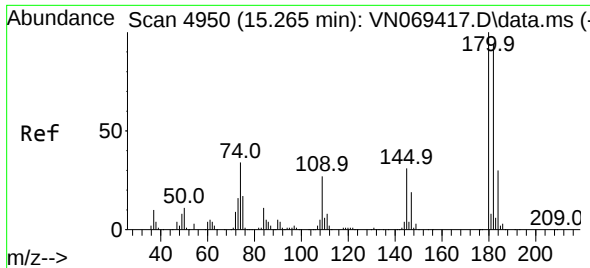
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.460 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. -0.003 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

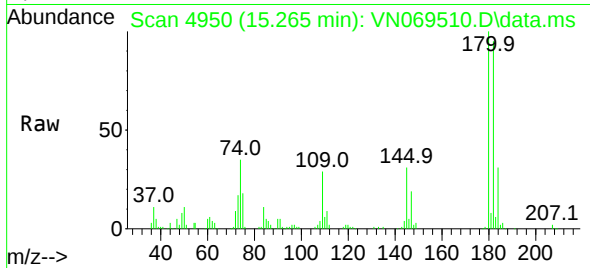
Tgt Ion: 75 Resp: 56290
Ion Ratio Lower Upper
75 100
155 75.1 46.9 140.7
157 98.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.564 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59

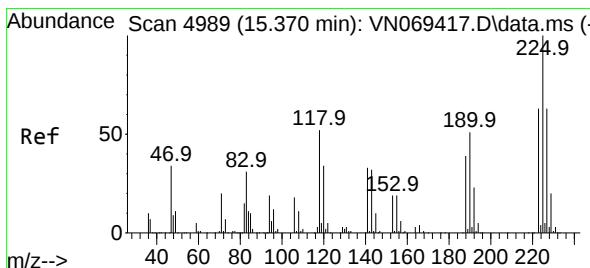
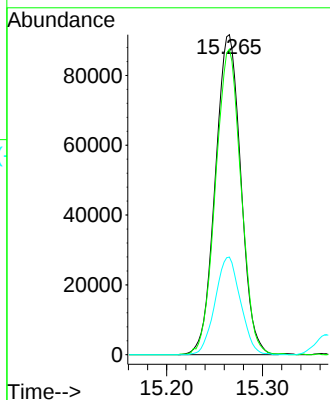
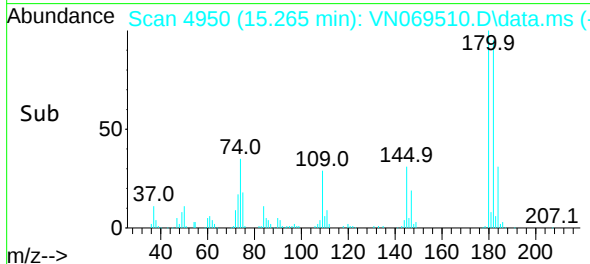
Instrument :
MSVOA_N
ClientSampleId :
VN1116MBS01



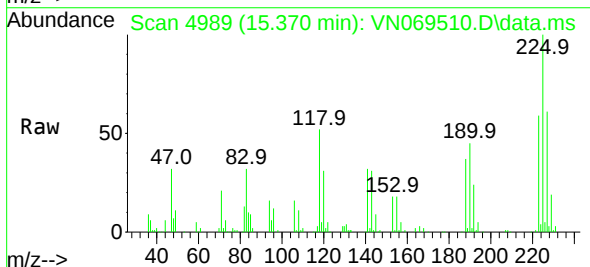
Tgt Ion:180 Resp: 169172
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 30.3 14.5 43.5

Manual Integrations
APPROVED

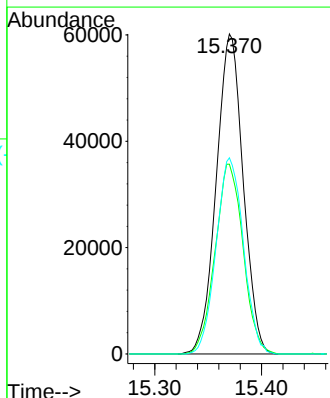
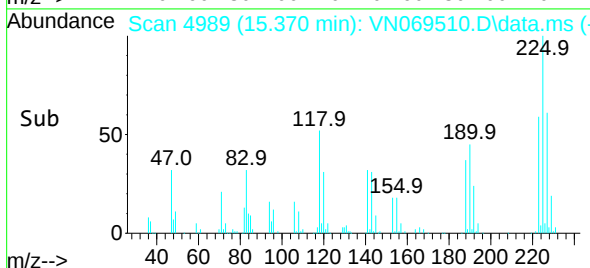
Reviewed By :John Carlone 11/17/2021
Supervised By :Mahesh Dadoda 11/18/2021

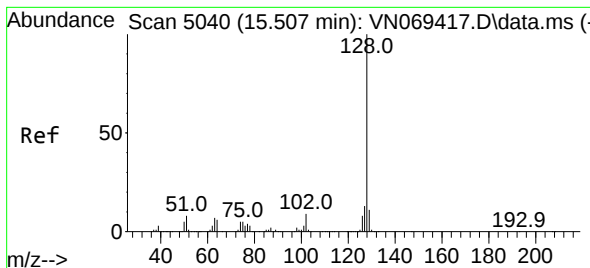


#94
Hexachlorobutadiene
Concen: 20.704 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN069510.D
Acq: 16 Nov 2021 15:59



Tgt Ion:225 Resp: 105413
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.7
227 62.1 32.1 96.3





#95

Naphthalene

Concen: 18.392 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1116MBS01

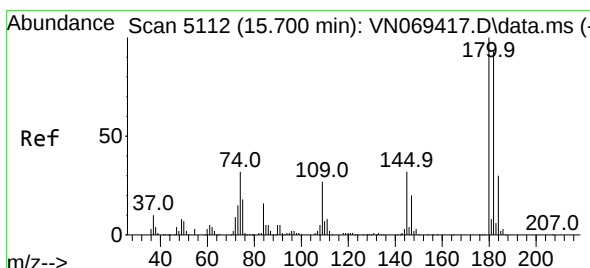
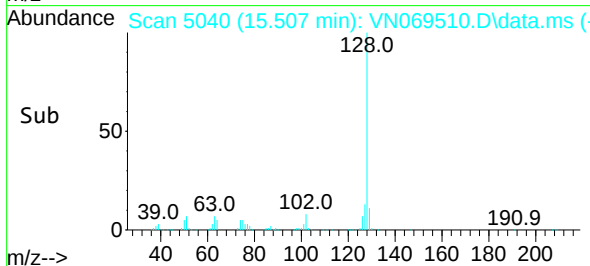
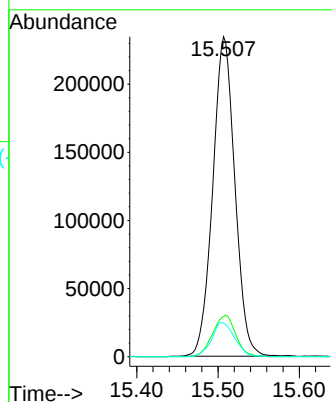
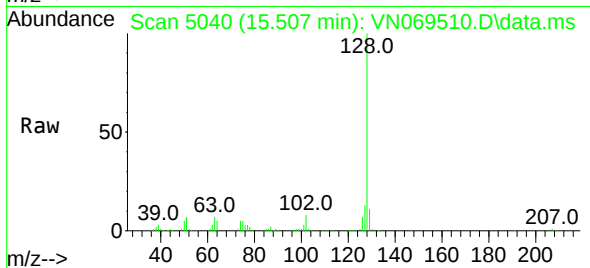
Tgt Ion:	128	Resp:	44312
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/17/2021

Supervised By :Mahesh Dadoda 11/18/2021



#96

1,2,3-Trichlorobenzene

Concen: 19.197 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.000 min

Lab File: VN069510.D

Acq: 16 Nov 2021 15:59

Tgt Ion:	180	Resp:	168012
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.4	142.2
145	34.1	15.0	45.1

