

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070417.D
 Acq On : 31 Dec 2021 00:05
 Operator : JC/MD
 Sample : VN1230MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS02

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

Quant Time: Dec 31 05:27:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	883452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1471390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1350435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	522439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	662019	52.118	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.240%			
35) Dibromofluoromethane	8.024	113	484445	54.416	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.840%			
50) Toluene-d8	10.443	98	1901355	52.281	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.560%			
62) 4-Bromofluorobenzene	12.731	95	633681	48.242	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 96.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	176246	17.592	ug/l	97
3) Chloromethane	2.303	50	246815	18.110	ug/l	100
4) Vinyl Chloride	2.445	62	216231	17.426	ug/l	99
5) Bromomethane	2.856	94	117403	18.332	ug/l	99
6) Chloroethane	3.019	64	123759	16.562	ug/l	99
7) Trichlorofluoromethane	3.376	101	248083	16.611	ug/l	97
8) Diethyl Ether	3.824	74	119277	18.117	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	162831	17.825	ug/l	95
10) Methyl Iodide	4.419	142	216519	17.514	ug/l	99
11) Tert butyl alcohol	5.388	59	210196	99.383	ug/l	98
12) 1,1-Dichloroethene	4.181	96	156543	17.398	ug/l	88
13) Acrolein	4.041	56	145479	84.774	ug/l	97
14) Allyl chloride	4.840	41	373416	18.305	ug/l #	85
15) Acrylonitrile	5.559	53	679293	102.924	ug/l	99
16) Acetone	4.293	43	607685	73.696	ug/l	100
17) Carbon Disulfide	4.527	76	459034	18.690	ug/l	98
18) Methyl Acetate	4.859	43	473822	19.865	ug/l	90
19) Methyl tert-butyl Ether	5.624	73	595434	17.820	ug/l	92
20) Methylene Chloride	5.095	84	203965	17.878	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	170637	17.912	ug/l	86
22) Diisopropyl ether	6.503	45	749689	18.868	ug/l	92
23) Vinyl Acetate	6.439	43	2907954	94.329	ug/l #	94
24) 1,1-Dichloroethane	6.391	63	374419	18.174	ug/l	99
25) 2-Butanone	7.340	43	968251	93.258	ug/l	91
26) 2,2-Dichloropropane	7.327	77	227347	13.988	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	203546	17.906	ug/l	87
28) Bromochloromethane	7.659	49	194954	19.349	ug/l #	74
29) Tetrahydrofuran	7.691	42	658238	106.261	ug/l #	86
30) Chloroform	7.820	83	365852	18.407	ug/l	99
31) Cyclohexane	8.096	56	362350	18.077	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	305741	18.244	ug/l	96
36) 1,1-Dichloropropene	8.222	75	255499	17.349	ug/l	96
37) Ethyl Acetate	7.418	43	377923	19.797	ug/l	96
38) Carbon Tetrachloride	8.209	117	256887	18.267	ug/l	100
39) Methylcyclohexane	9.461	83	294867	16.538	ug/l #	87
40) Benzene	8.461	78	826162	18.298	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	194510	20.371	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	303689	17.895	ug/l	98
43) Isopropyl Acetate	8.563	43	567297	18.849	ug/l #	95
44) Trichloroethene	9.217	130	186372	17.372	ug/l	93
45) 1,2-Dichloropropane	9.491	63	228874	18.827	ug/l	98
46) Dibromomethane	9.579	93	140922	18.642	ug/l	95
47) Bromodichloromethane	9.765	83	292920	19.515	ug/l	98
48) Methyl methacrylate	9.561	41	261606	18.223	ug/l #	83
49) 1,4-Dioxane	9.571	88	90206	429.251	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	1943660	102.774	ug/l	95
52) Toluene	10.505	92	496796	18.178	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	287223	17.676	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	319979	18.204	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	198669	18.373	ug/l	96
56) Ethyl methacrylate	10.762	69	323485	18.105	ug/l #	88
57) 1,3-Dichloropropane	11.047	76	354497	18.535	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	329522	85.370	ug/l	90
59) 2-Hexanone	11.087	43	1356874	98.385	ug/l	93
60) Dibromochloromethane	11.240	129	215890	20.463	ug/l	100
61) 1,2-Dibromoethane	11.347	107	201034	18.310	ug/l	99
64) Tetrachloroethene	10.977	164	169591	17.342	ug/l	97
65) Chlorobenzene	11.771	112	508716	17.754	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	192246	18.794	ug/l	98
67) Ethyl Benzene	11.846	91	918547	17.496	ug/l	96
68) m/p-Xylenes	11.956	106	674963	35.320	ug/l	94
69) o-Xylene	12.280	106	330551	17.390	ug/l	91
70) Styrene	12.296	104	533388	17.730	ug/l	96
71) Bromoform	12.460	173	166884	21.983	ug/l #	99
73) Isopropylbenzene	12.581	105	856629	17.657	ug/l	98
74) N-amyl acetate	12.390	43	362510	17.771	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	321317	19.201	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	319288m	22.249	ug/l	
77) Bromobenzene	12.862	156	199579	17.918	ug/l	77
78) n-propylbenzene	12.921	91	941983	17.524	ug/l	96
79) 2-Chlorotoluene	13.007	91	597201	17.315	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	698961	17.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	85364	19.963	ug/l	96
82) 4-Chlorotoluene	13.106	91	551798	17.079	ug/l	92
83) tert-Butylbenzene	13.323	119	591394	17.275	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	675760	18.050	ug/l	98
85) sec-Butylbenzene	13.503	105	802481	17.266	ug/l	98
86) p-Isopropyltoluene	13.616	119	624334	17.100	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	322365	17.289	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	309736	16.840	ug/l	97
89) n-Butylbenzene	13.943	91	463737	15.228	ug/l	98
90) Hexachloroethane	14.211	117	138514	21.838	ug/l	92
91) 1,2-Dichlorobenzene	13.989	146	319826	17.496	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	58643	20.866	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	137817	16.001	ug/l	99
94) Hexachlorobutadiene	15.370	225	87980	17.576	ug/l	99
95) Naphthalene	15.507	128	369004	16.742	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	138894	17.407	ug/l	98

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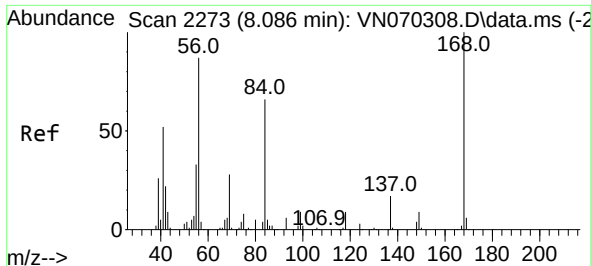
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



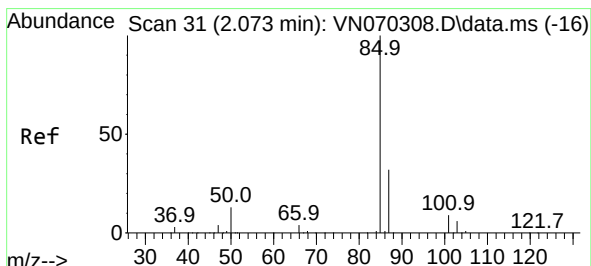
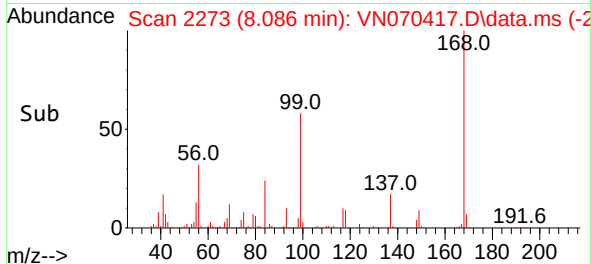
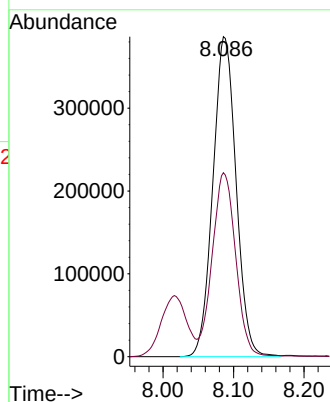
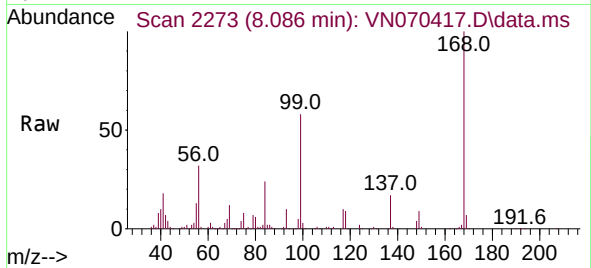
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070417.D
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MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion:168 Resp: 883452
Ion Ratio Lower Upper
168 100
99 57.2 41.3 61.9

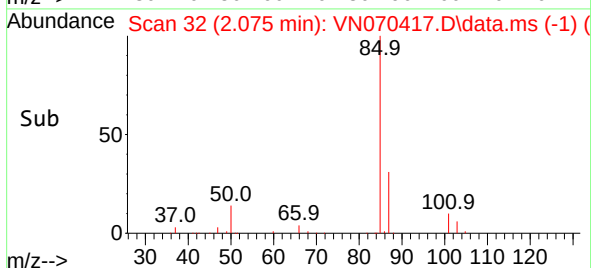
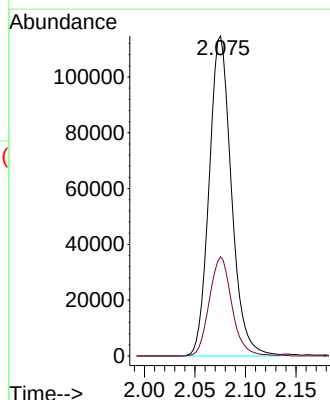
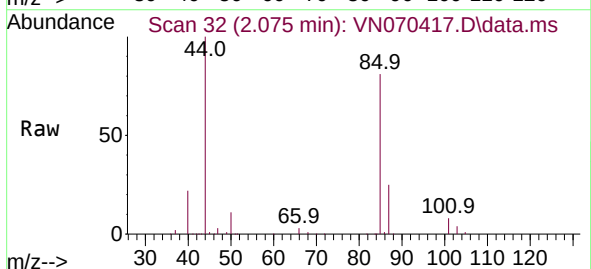
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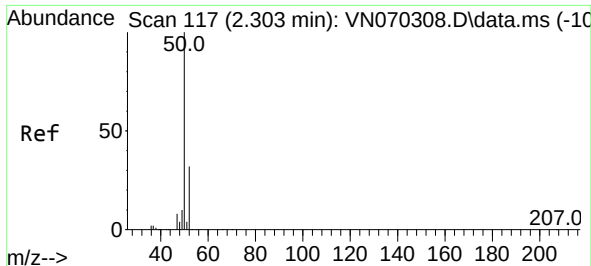
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#2
Dichlorodifluoromethane
Concen: 17.592 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

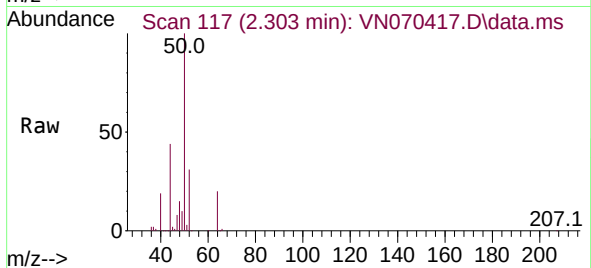
Tgt Ion: 85 Resp: 176246
Ion Ratio Lower Upper
85 100
87 31.0 16.3 48.9





#3
Chloromethane
Concen: 18.110 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

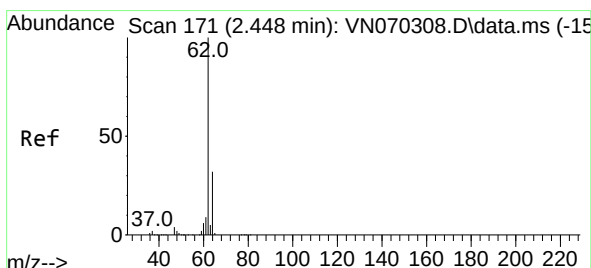
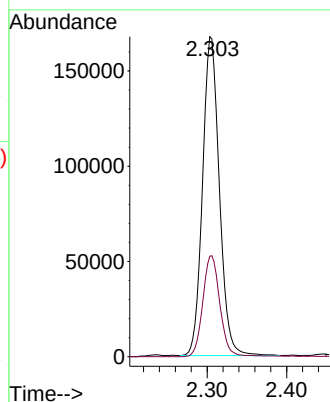
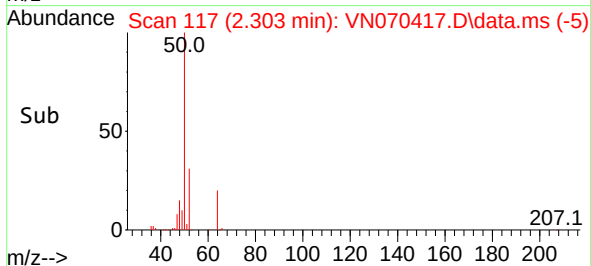
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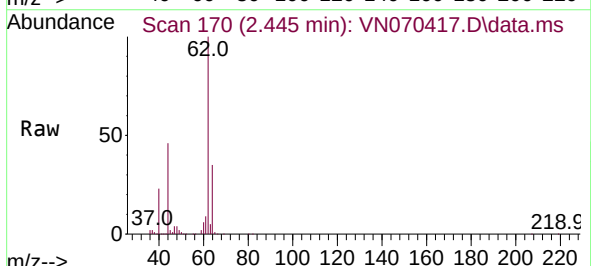
Tgt Ion: 50 Resp: 24681
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

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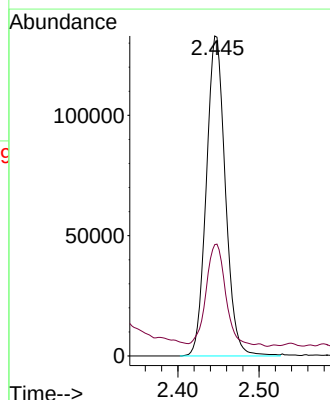
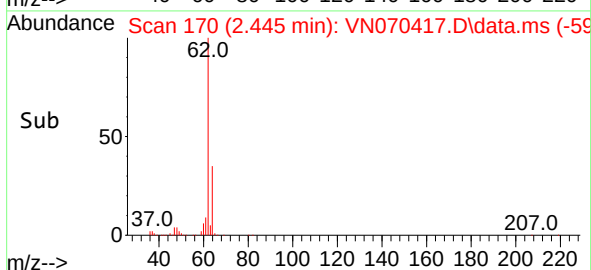
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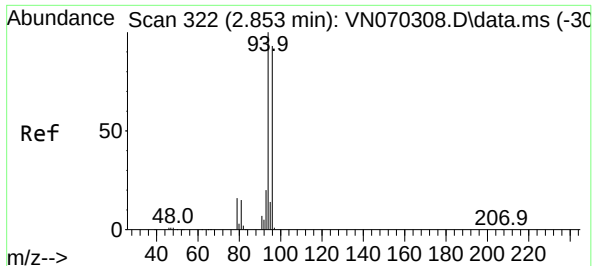


#4
Vinyl Chloride
Concen: 17.426 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



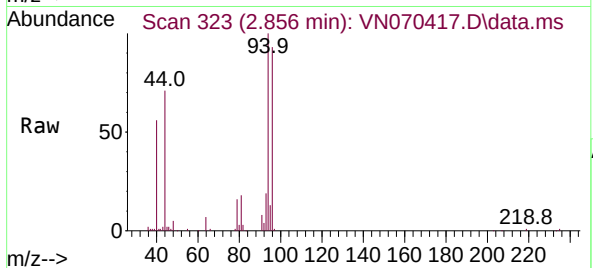
Tgt Ion: 62 Resp: 216231
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.6





#5
Bromomethane
Concen: 18.332 ug/l
RT: 2.856 min Scan# 311
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

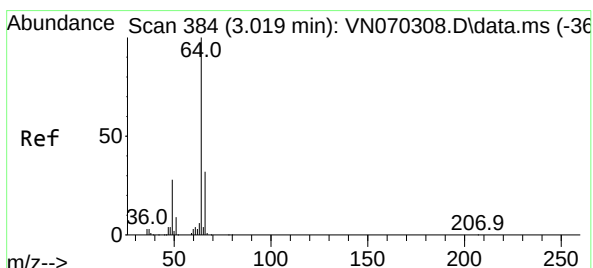
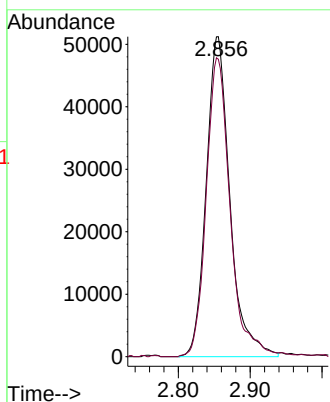
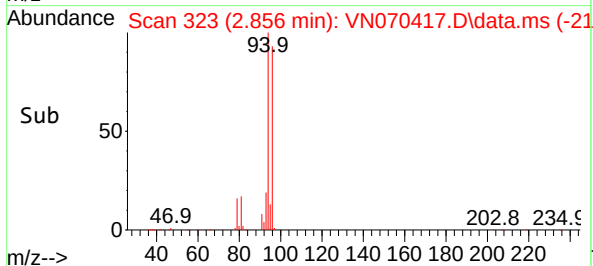
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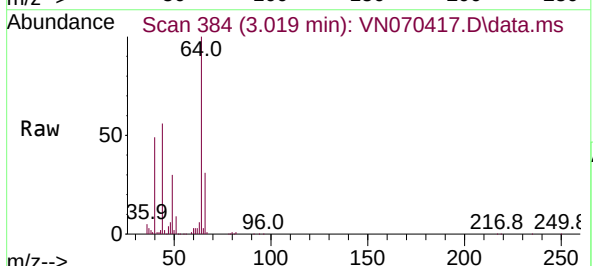
Tgt Ion: 94 Resp: 11740
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

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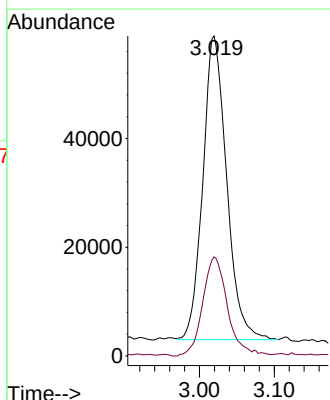
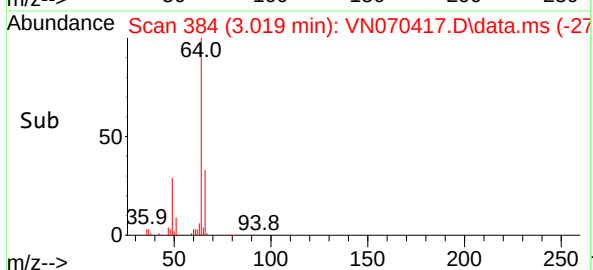
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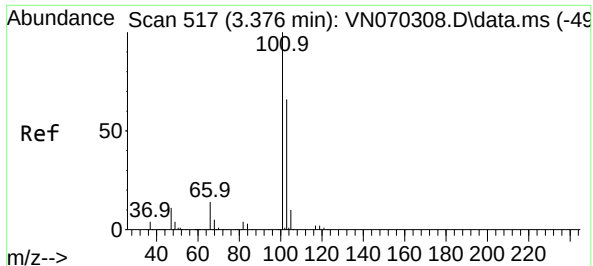


#6
Chloroethane
Concen: 16.562 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070417.D
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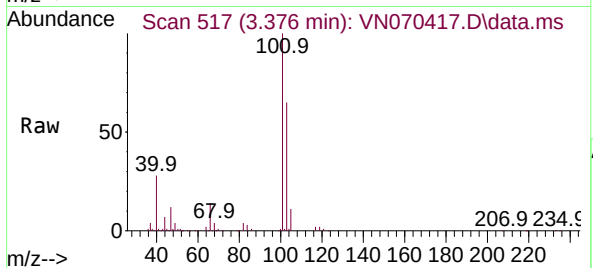
Tgt Ion: 64 Resp: 123759
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 16.611 ug/l
 RT: 3.376 min Scan# 517
 Delta R.T. 0.000 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05

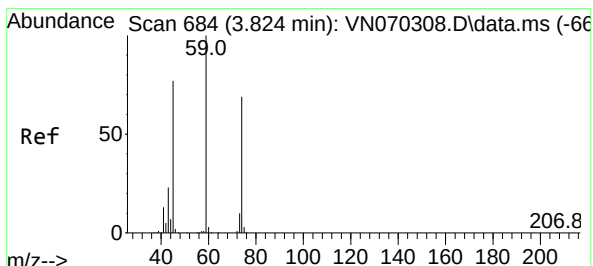
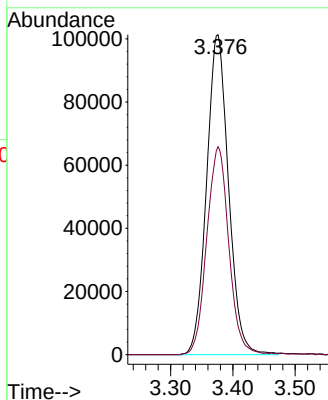
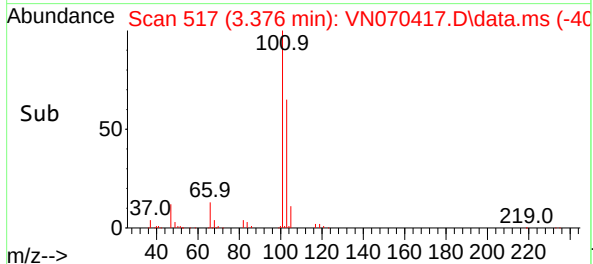
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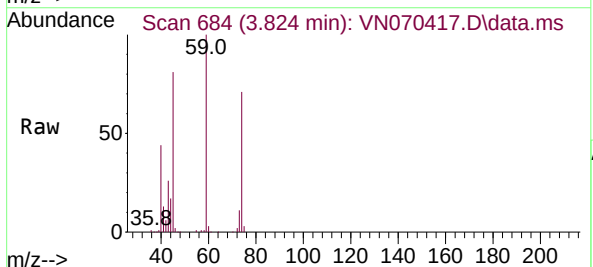
Tgt Ion:101 Resp: 24808
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.1 75.1

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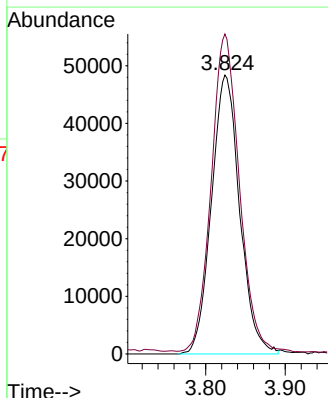
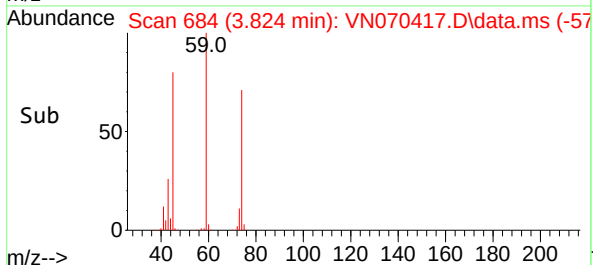
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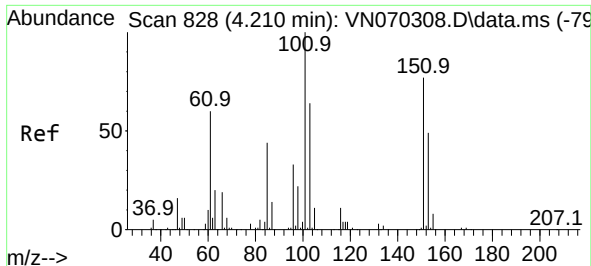


#8
 Diethyl Ether
 Concen: 18.117 ug/l
 RT: 3.824 min Scan# 684
 Delta R.T. -0.000 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05



Tgt Ion: 74 Resp: 119277
 Ion Ratio Lower Upper
 74 100
 45 113.8 47.0 141.2





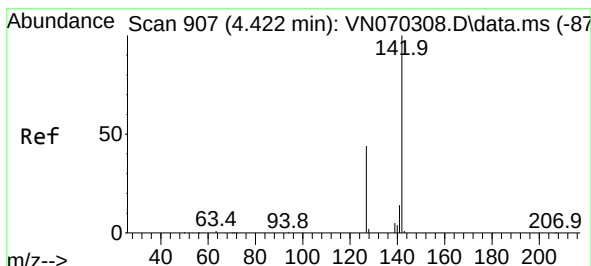
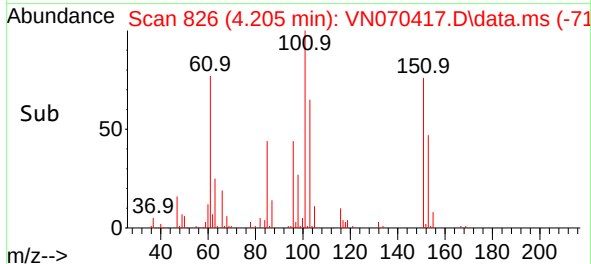
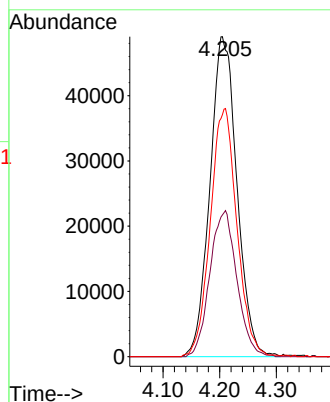
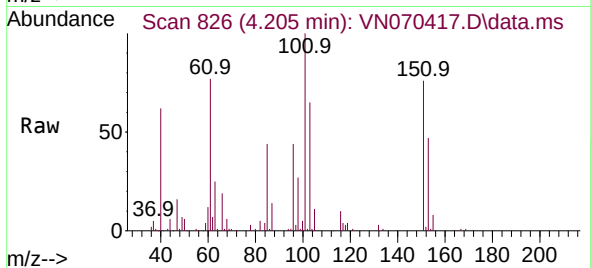
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.825 ug/l
RT: 4.205 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion:101 Resp: 16283
Ion Ratio Lower Upper
101 100
85 45.6 37.2 55.8
151 76.2 65.9 98.9

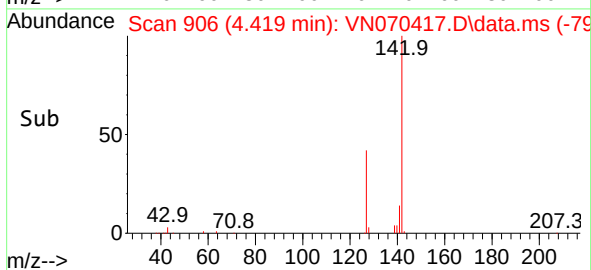
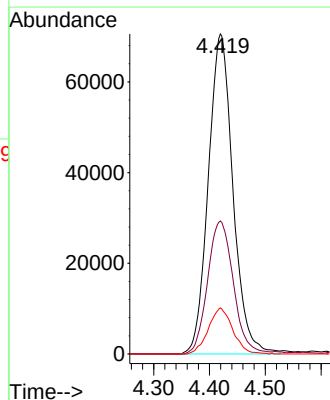
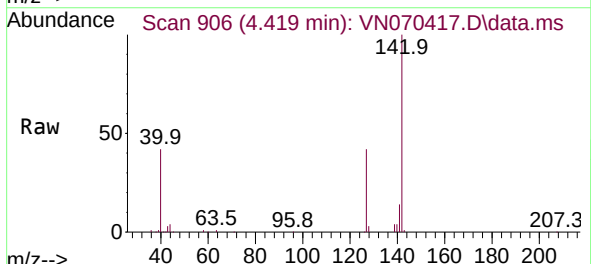
Manual Integrations
APPROVED

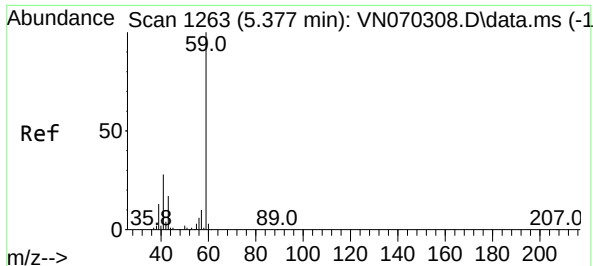
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#10
Methyl Iodide
Concen: 17.514 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

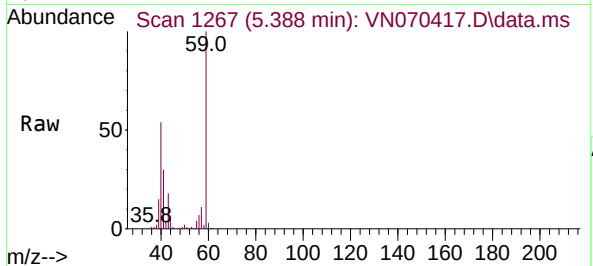
Tgt Ion:142 Resp: 216519
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 99.383 ug/l
RT: 5.388 min Scan# 1267
Delta R.T. 0.011 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

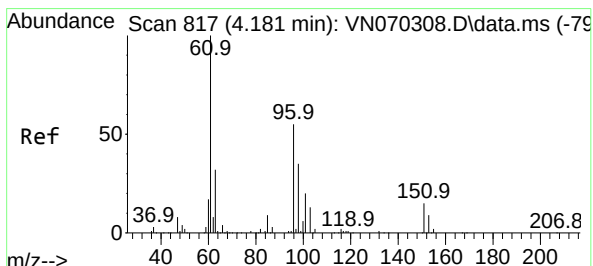
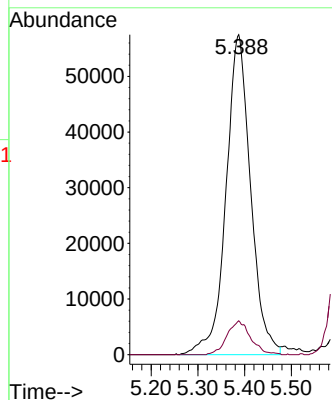
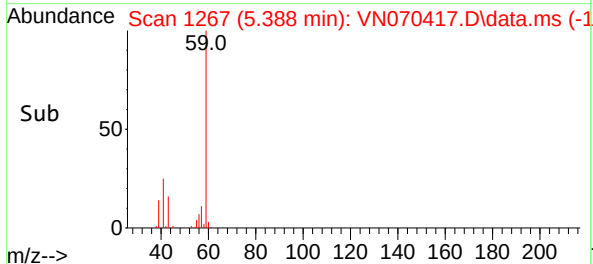
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



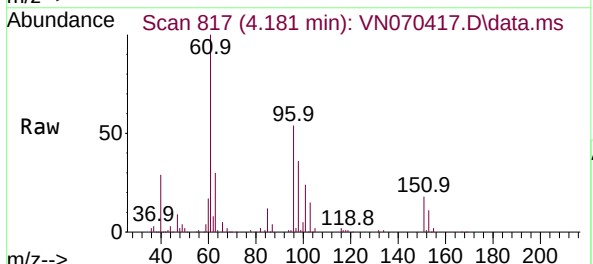
Tgt Ion: 59 Resp: 210190
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1

Manual Integrations
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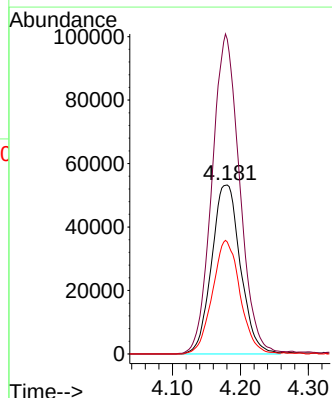
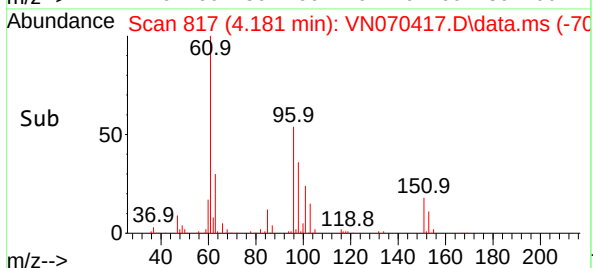
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

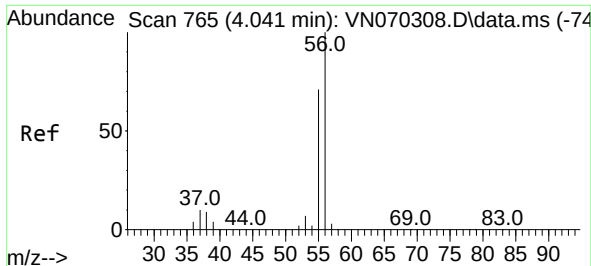


#12
1,1-Dichloroethene
Concen: 17.398 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



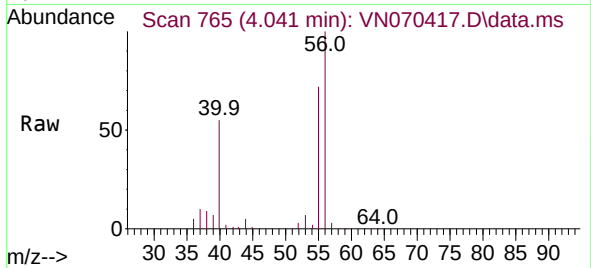
Tgt Ion: 96 Resp: 156543
Ion Ratio Lower Upper
96 100
61 186.0 131.0 196.6
98 66.4 52.4 78.6





#13
Acrolein
Concen: 84.774 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

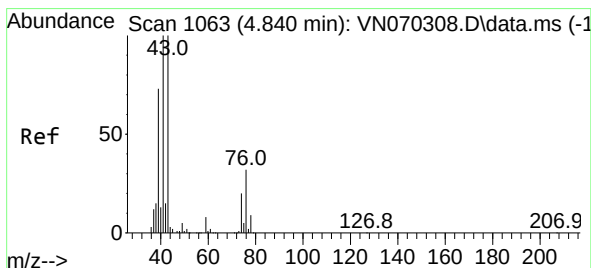
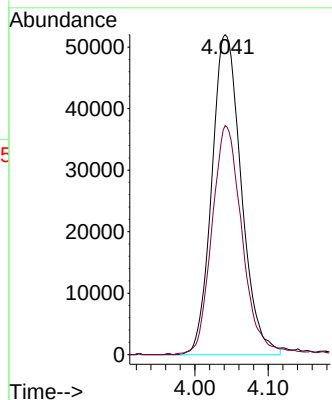
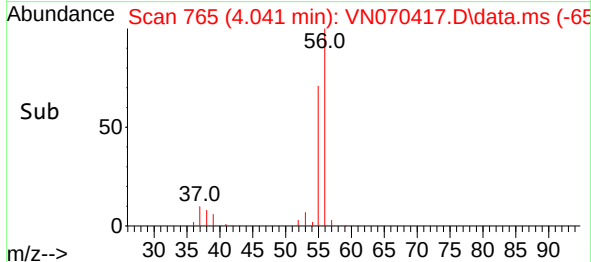
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 56 Resp: 145479
Ion Ratio Lower Upper
56 100
55 72.9 56.6 85.0

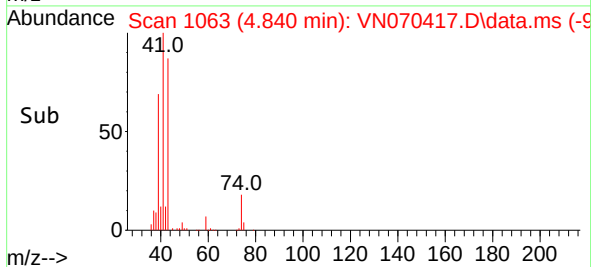
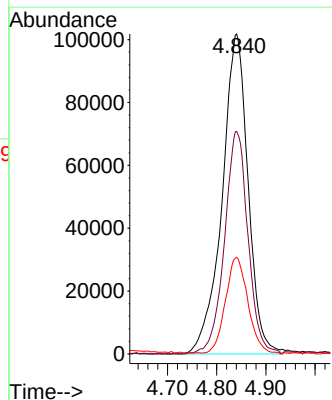
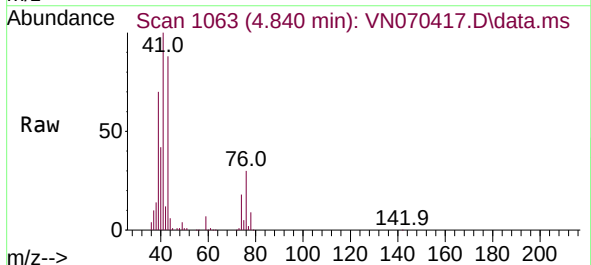
Manual Integrations
APPROVED

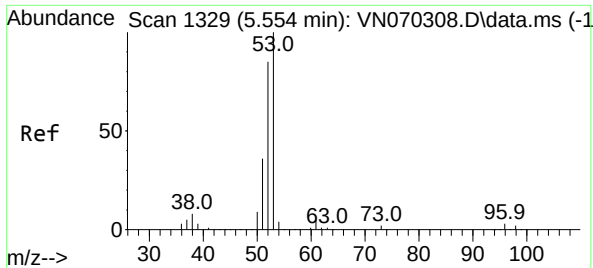
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#14
Allyl chloride
Concen: 18.305 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

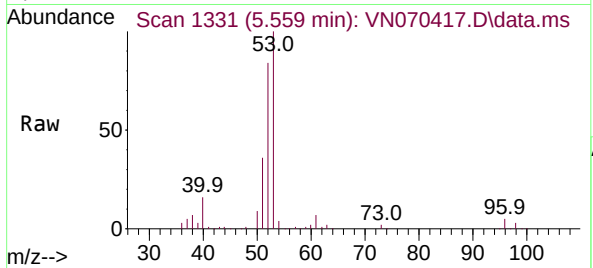
Tgt Ion: 41 Resp: 373416
Ion Ratio Lower Upper
41 100
39 63.0 61.2 91.8
76 25.7 26.0 39.0#





#15
Acrylonitrile
Concen: 102.924 ug/l
RT: 5.559 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

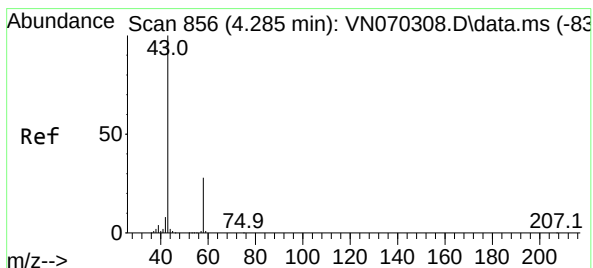
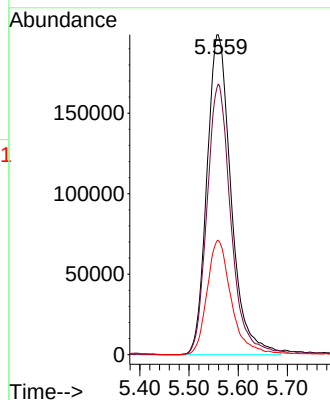
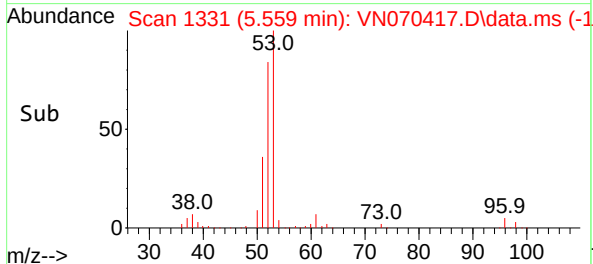
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 53 Resp: 67929
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.5 29.6 44.4

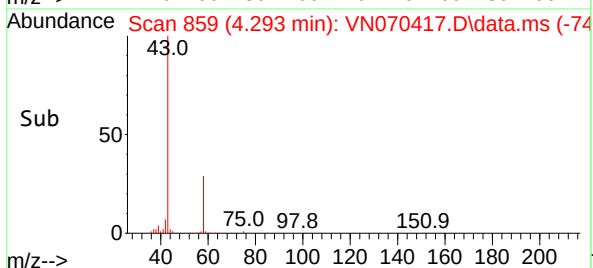
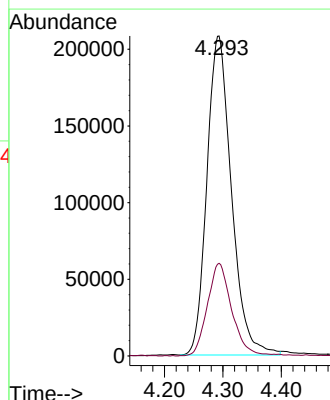
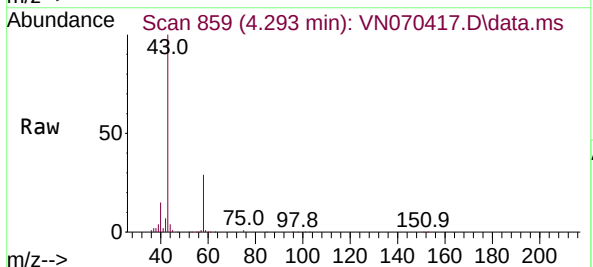
Manual Integrations
APPROVED

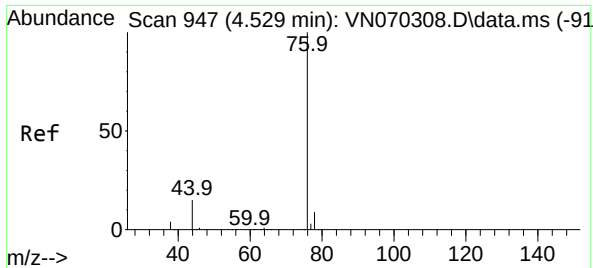
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#16
Acetone
Concen: 73.696 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.008 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion: 43 Resp: 607685
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7





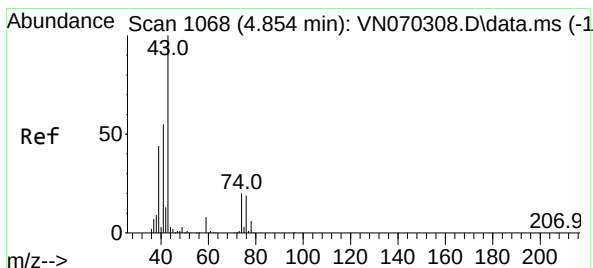
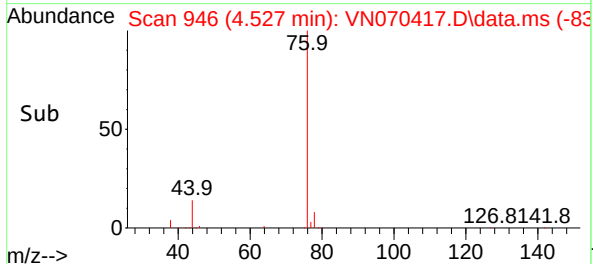
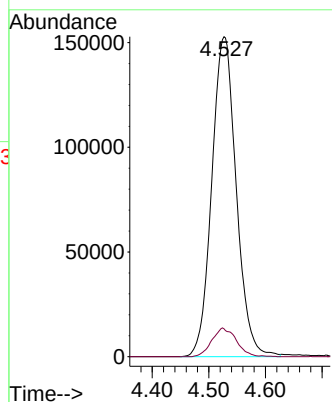
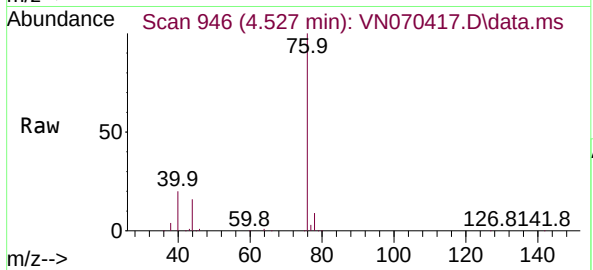
#17
Carbon Disulfide
Concen: 18.690 ug/l
RT: 4.527 min Scan# 947
Delta R.T. -0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion: 76 Resp: 459034
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3

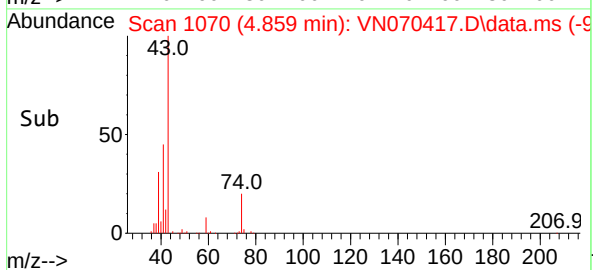
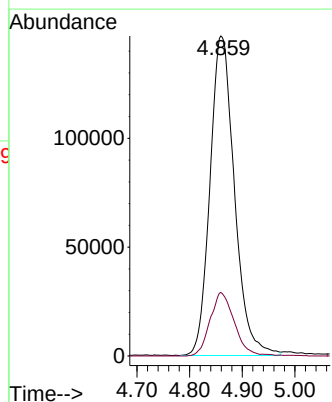
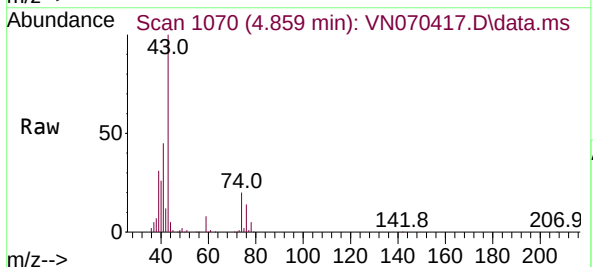
Manual Integrations
APPROVED

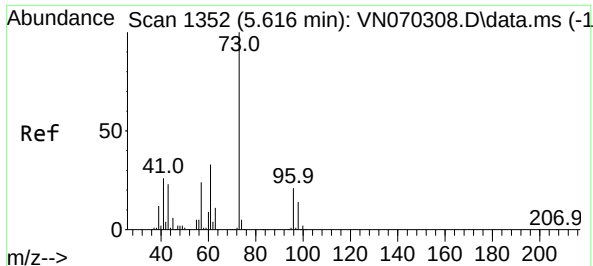
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#18
Methyl Acetate
Concen: 19.865 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion: 43 Resp: 473822
Ion Ratio Lower Upper
43 100
74 19.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 17.820 ug/l

RT: 5.624 min Scan# 11355

Delta R.T. 0.008 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02

Tgt Ion: 73 Resp: 595434

Ion Ratio Lower Upper

73 100

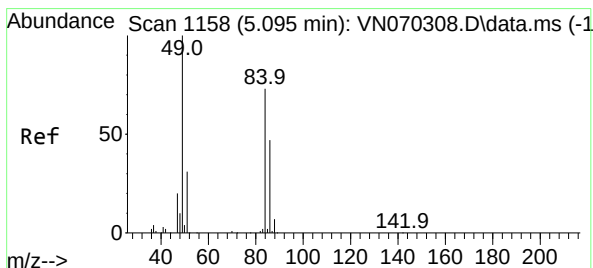
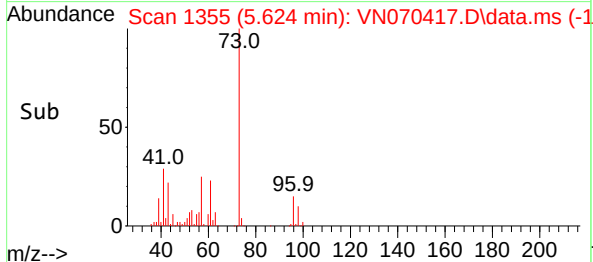
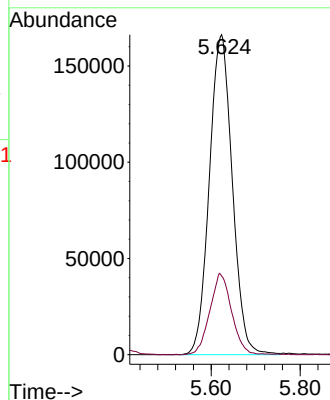
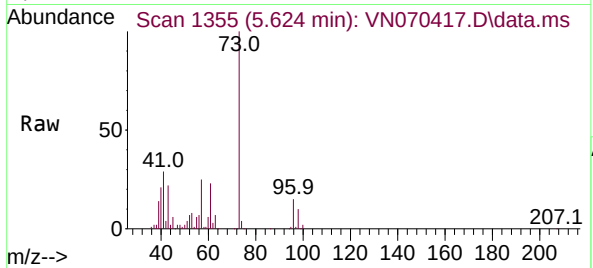
57 24.5 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#20

Methylene Chloride

Concen: 17.878 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.000 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Tgt Ion: 84 Resp: 203965

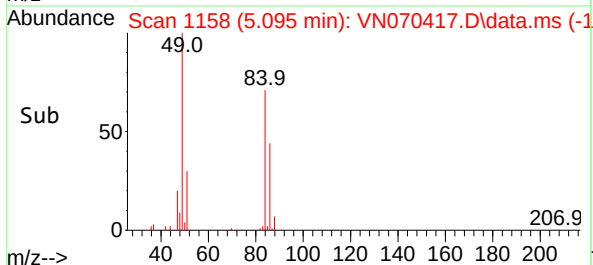
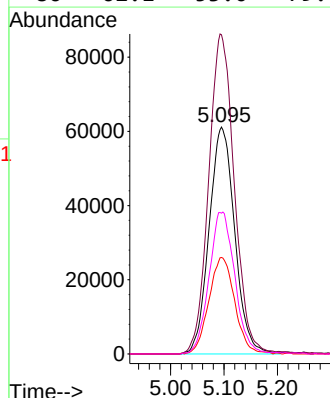
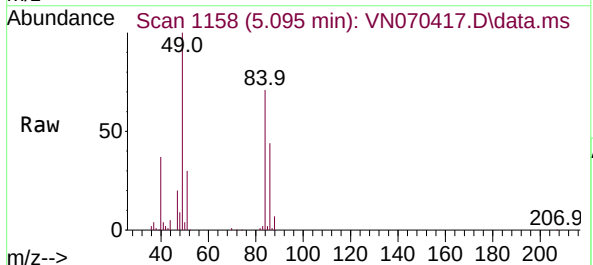
Ion Ratio Lower Upper

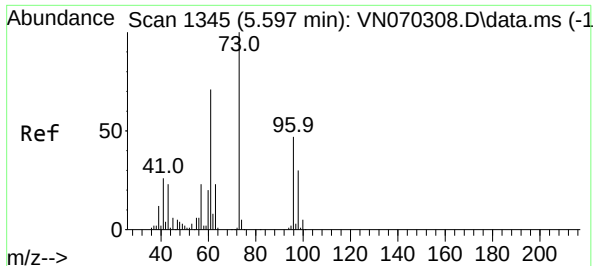
84 100

49 140.7 93.5 140.3#

51 42.5 29.4 44.2

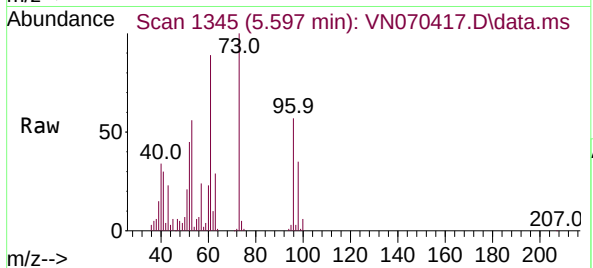
86 62.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.912 ug/l
RT: 5.597 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

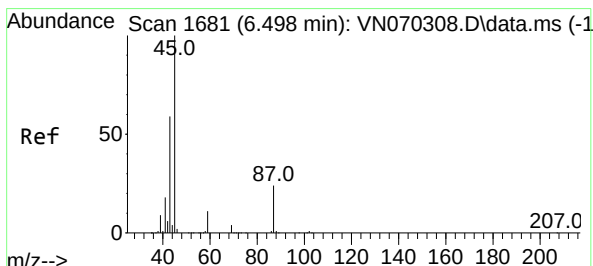
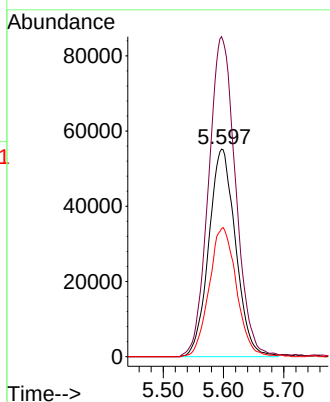
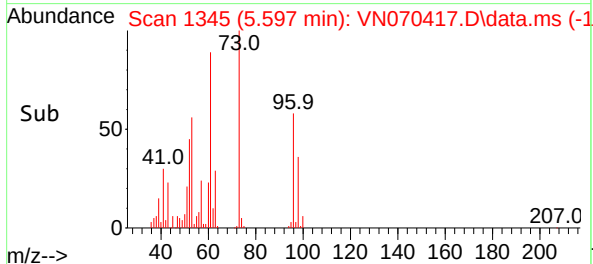
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



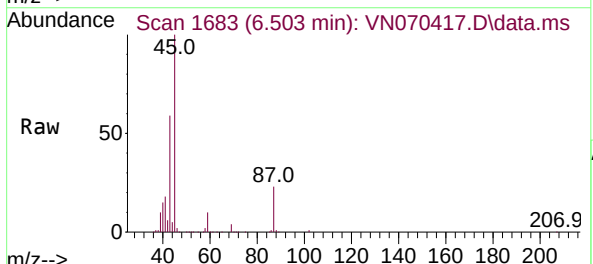
Tgt Ion: 96 Resp: 17063
Ion Ratio Lower Upper
96 100
61 154.2 105.8 158.6
98 61.8 52.0 78.0

Manual Integrations
APPROVED

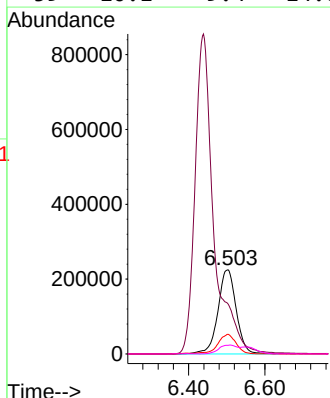
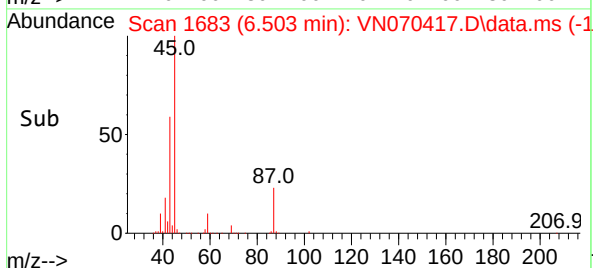
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

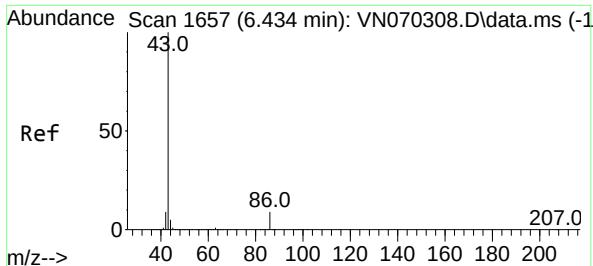


#22
Diisopropyl ether
Concen: 18.868 ug/l
RT: 6.503 min Scan# 1683
Delta R.T. 0.005 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



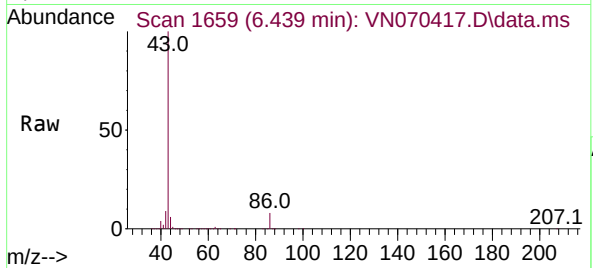
Tgt Ion: 45 Resp: 749689
Ion Ratio Lower Upper
45 100
43 58.6 51.7 77.5
87 23.3 23.2 34.8
59 10.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 94.329 ug/l
 RT: 6.439 min Scan# 1659
 Delta R.T. 0.005 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05

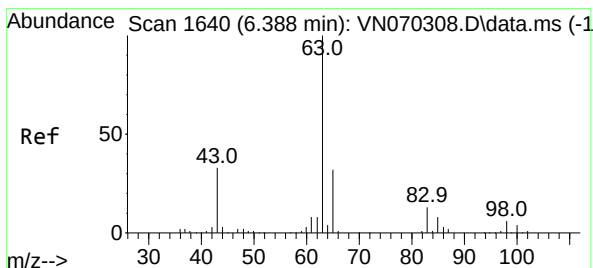
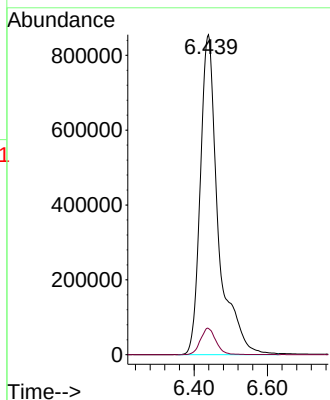
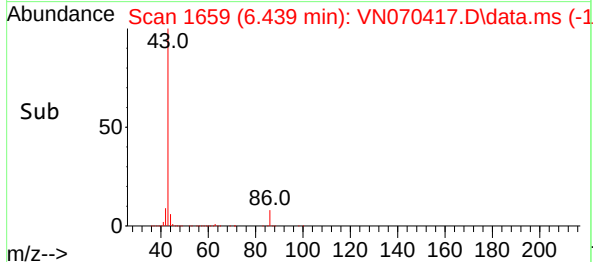
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS02



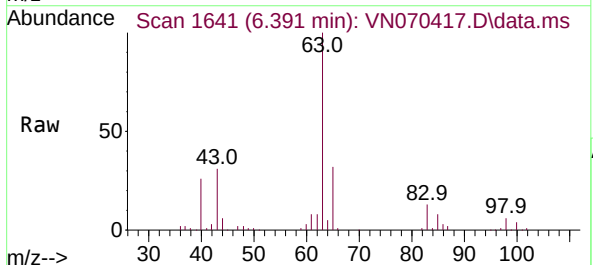
Tgt Ion: 43 Resp: 2907954
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

Manual Integrations
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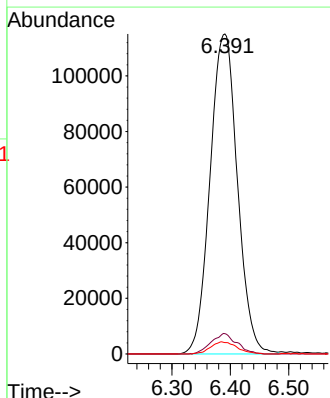
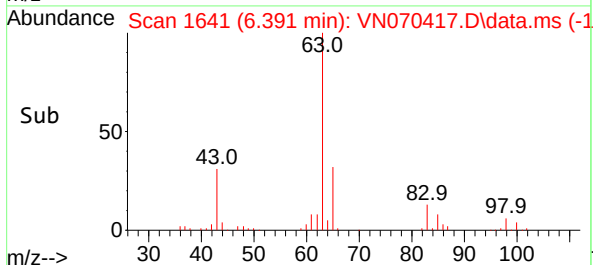
Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

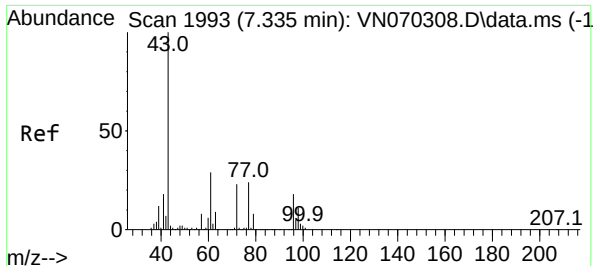


#24
 1,1-Dichloroethane
 Concen: 18.174 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.003 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05



Tgt Ion: 63 Resp: 374419
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.5 2.1 6.5





#25

2-Butanone

Concen: 93.258 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.005 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02

Tgt Ion: 43 Resp: 96825

Ion Ratio Lower Upper

43 100

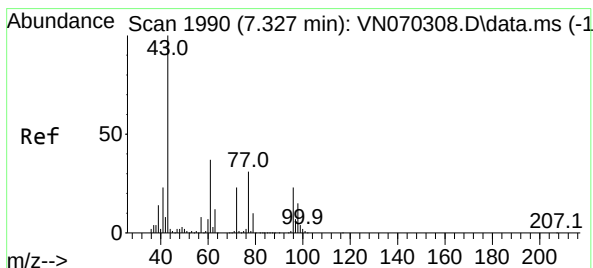
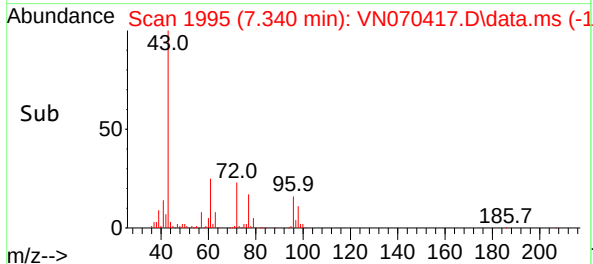
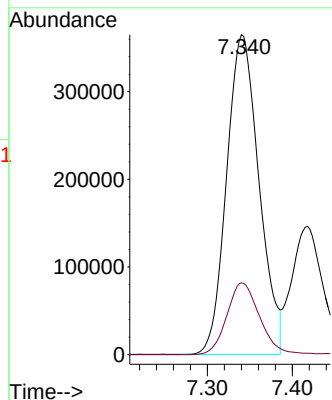
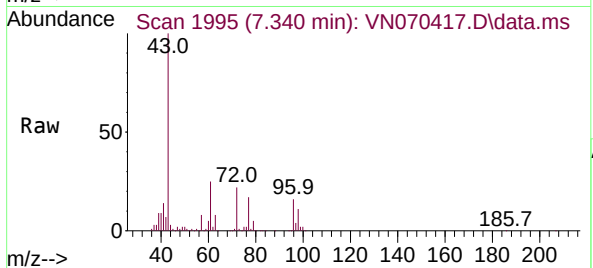
72 22.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#26

2,2-Dichloropropane

Concen: 13.988 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN070417.D

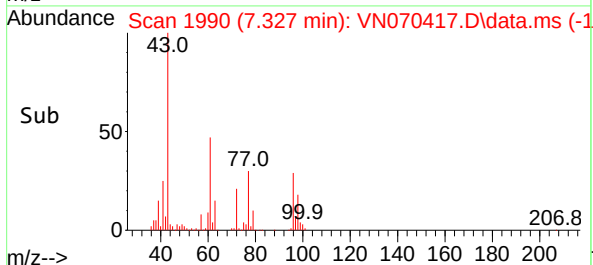
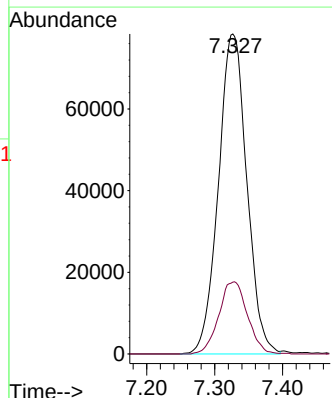
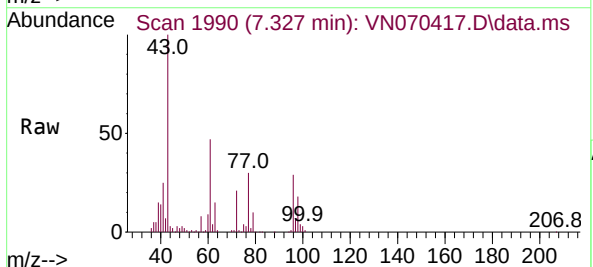
Acq: 31 Dec 2021 00:05

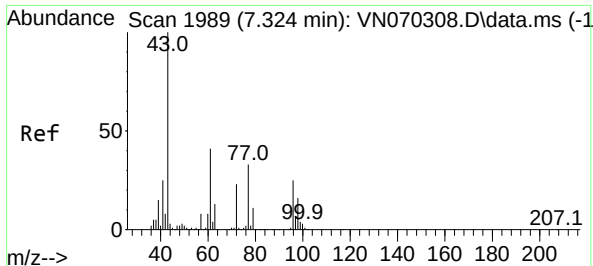
Tgt Ion: 77 Resp: 227347

Ion Ratio Lower Upper

77 100

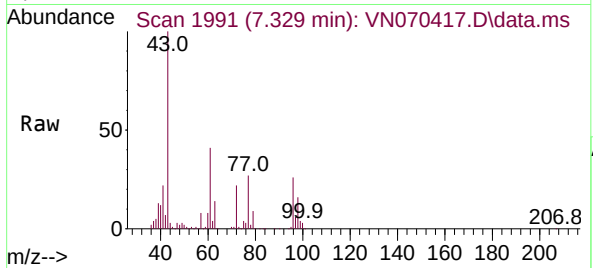
97 22.8 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 17.906 ug/l
 RT: 7.329 min Scan# 1989
 Delta R.T. 0.005 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05

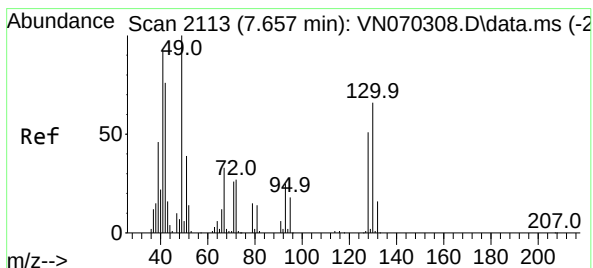
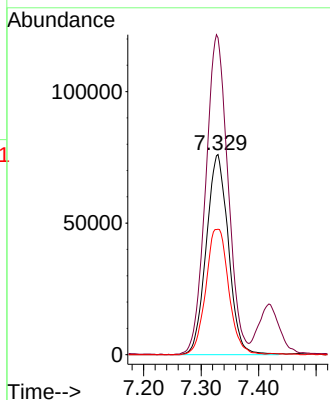
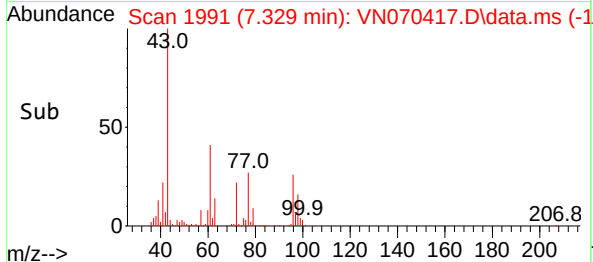
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS02



Tgt Ion: 96 Resp: 203540
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 275.0
 98 64.9 0.0 129.6

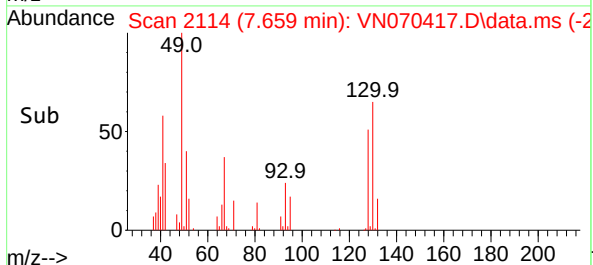
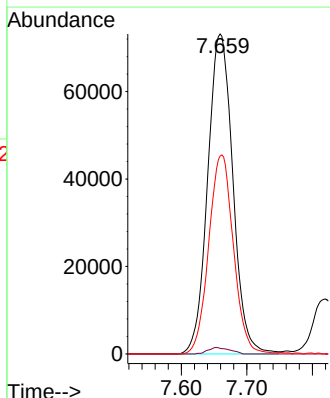
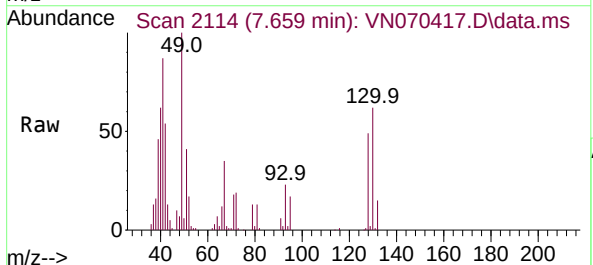
Manual Integrations
 APPROVED

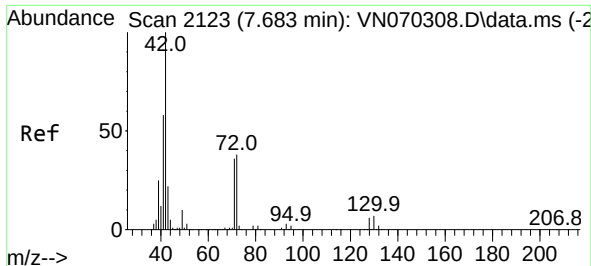
Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022



#28
 Bromochloromethane
 Concen: 19.349 ug/l
 RT: 7.659 min Scan# 2114
 Delta R.T. 0.002 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05

Tgt Ion: 49 Resp: 194954
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 61.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 106.261 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.008 min

Lab File: VN070417.D

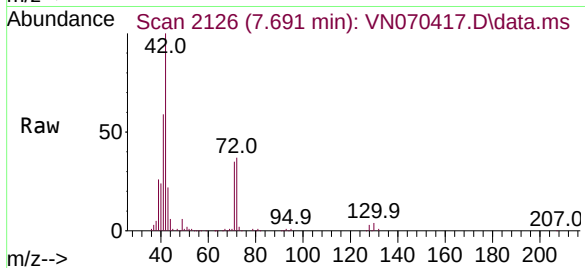
Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02



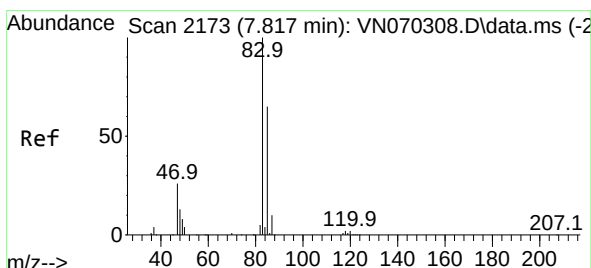
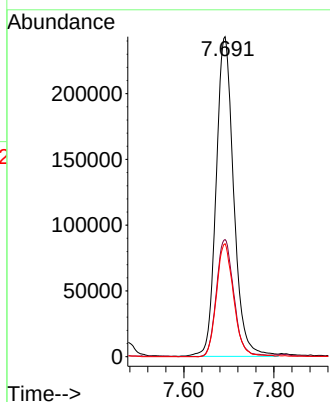
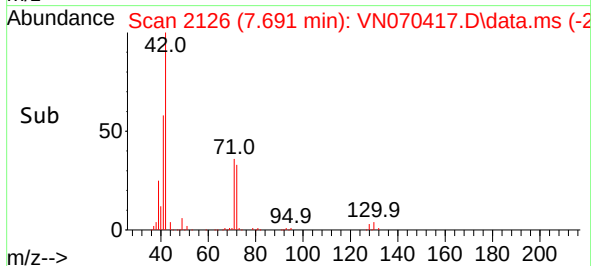
Tgt Ion:	42	Resp:	658238
Ion Ratio	100	Lower	Upper
42	100		
72	36.6	36.3	54.5
71	34.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#30

Chloroform

Concen: 18.407 ug/l

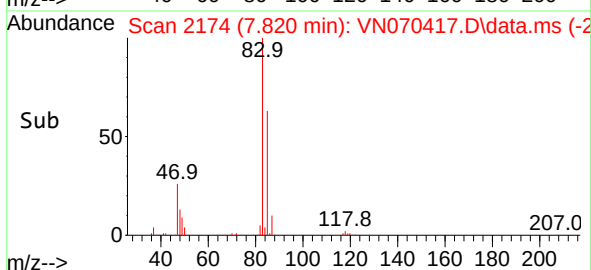
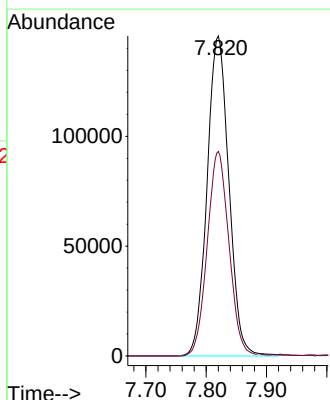
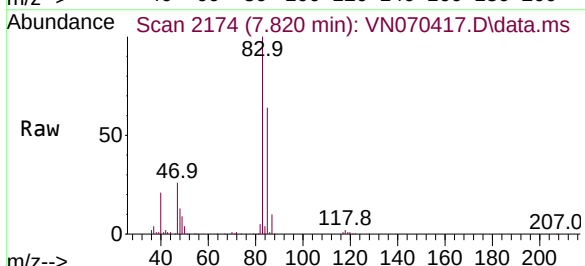
RT: 7.820 min Scan# 2174

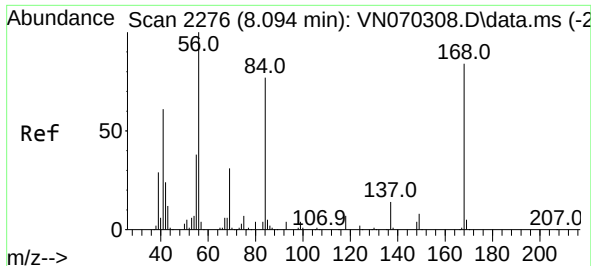
Delta R.T. 0.003 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

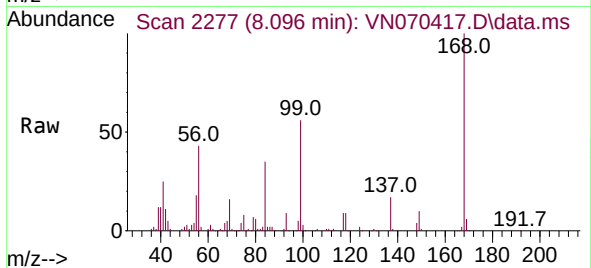
Tgt Ion:	83	Resp:	365852
Ion Ratio	100	Lower	Upper
83	100		
85	63.9	51.9	77.9





#31
Cyclohexane
Concen: 18.077 ug/l
RT: 8.096 min Scan# 2276
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

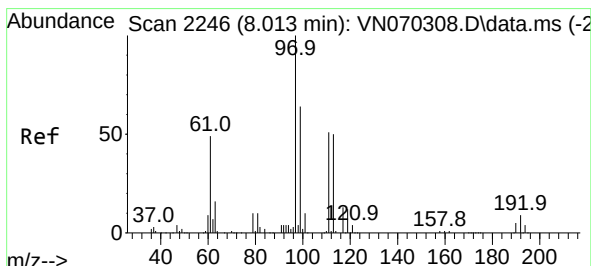
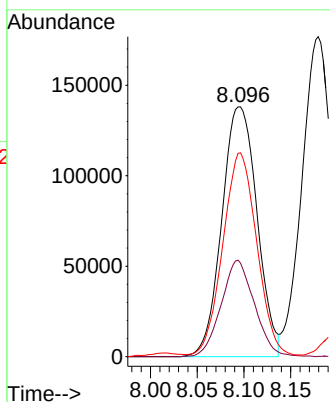
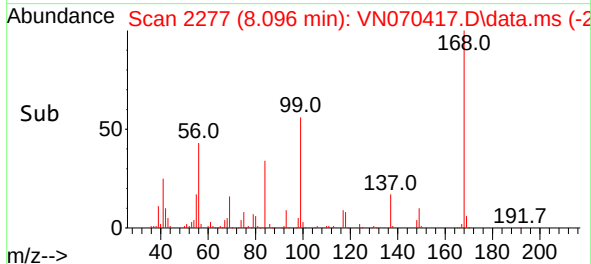
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



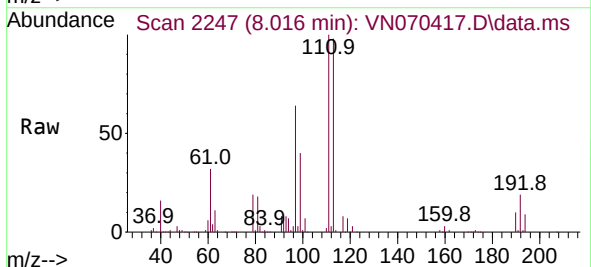
Tgt Ion: 56 Resp: 362350
Ion Ratio Lower Upper
56 100
69 37.4 27.1 40.7
84 80.6 73.4 110.0

Manual Integrations
APPROVED

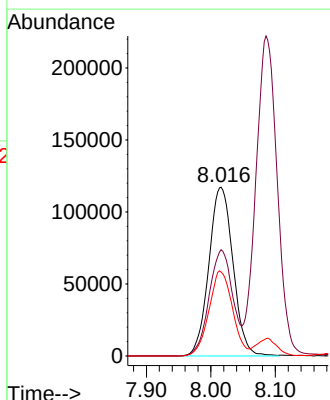
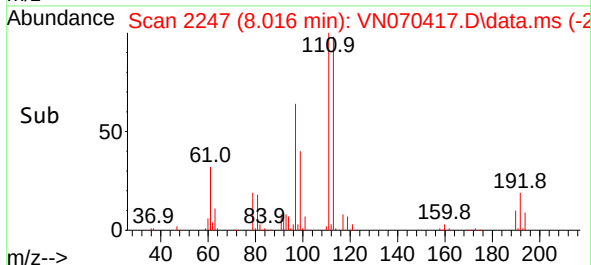
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

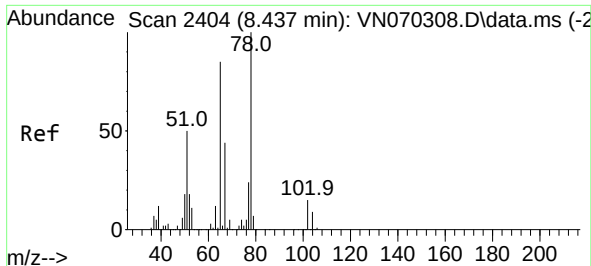


#32
1,1,1-Trichloroethane
Concen: 18.244 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion: 97 Resp: 305741
Ion Ratio Lower Upper
97 100
99 61.4 50.1 75.1
61 49.0 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 52.118 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02

Tgt Ion: 65 Resp: 662019

Ion Ratio Lower Upper

65 100

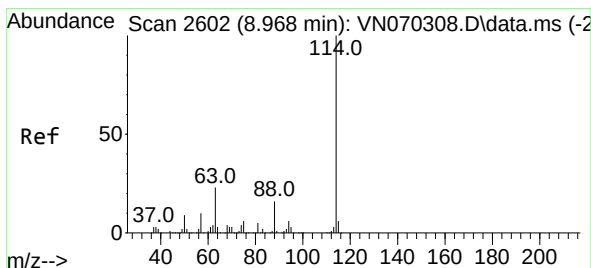
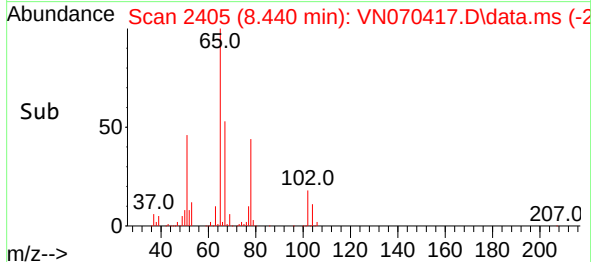
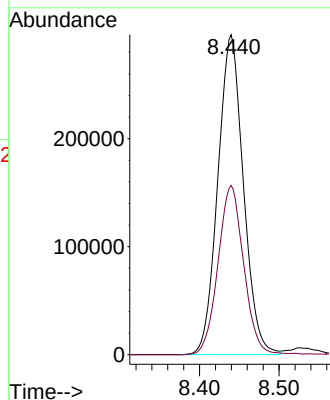
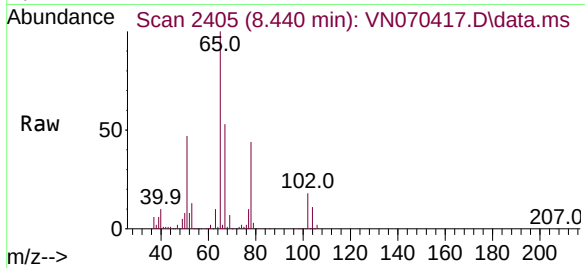
67 53.1 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

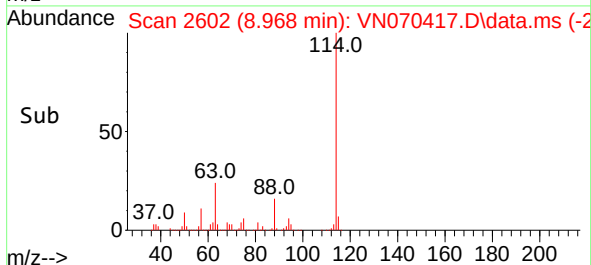
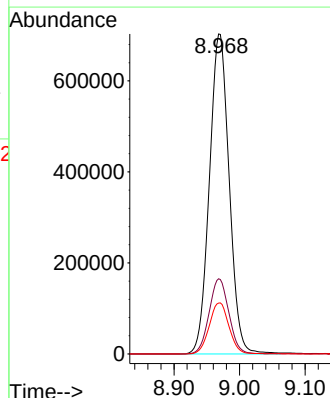
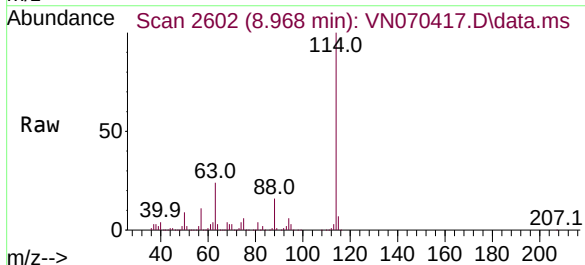
Tgt Ion:114 Resp: 1471390

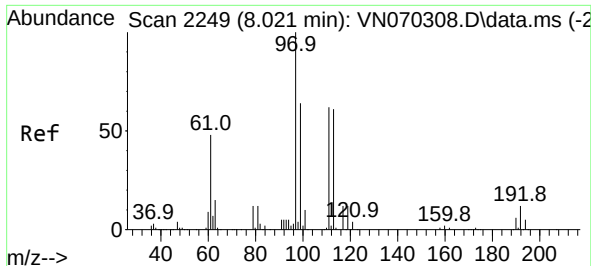
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

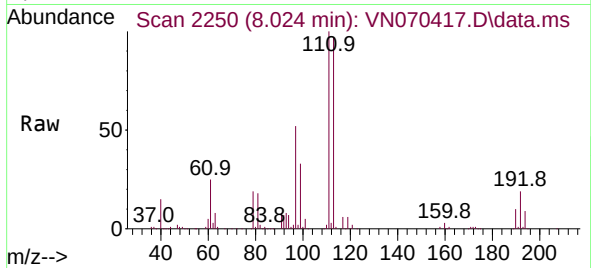
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.416 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

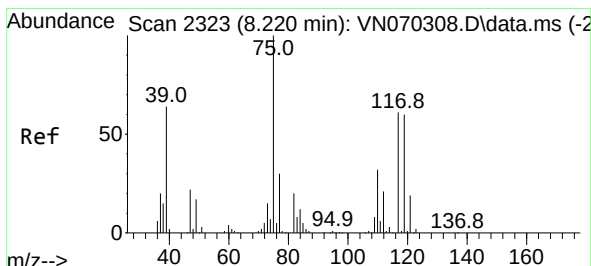
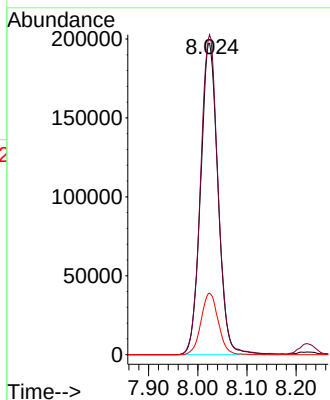
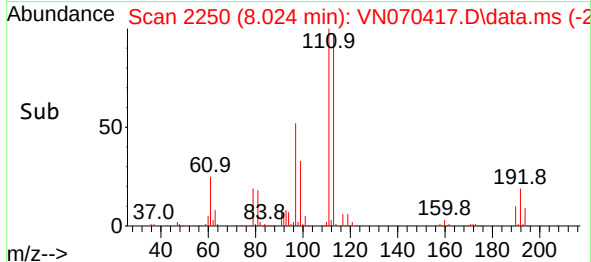
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion:113 Resp: 48444
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.5 16.9 25.3

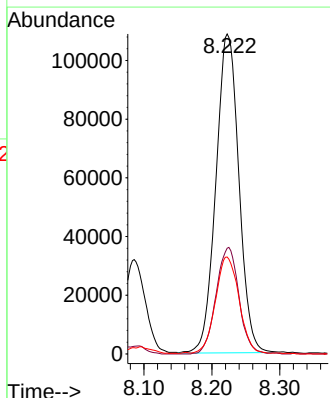
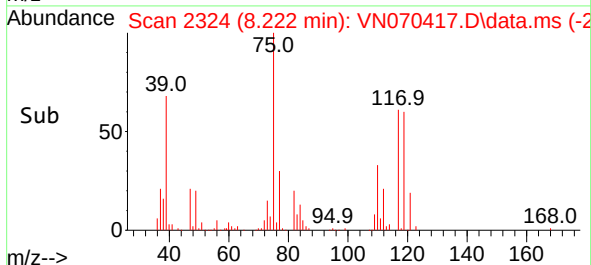
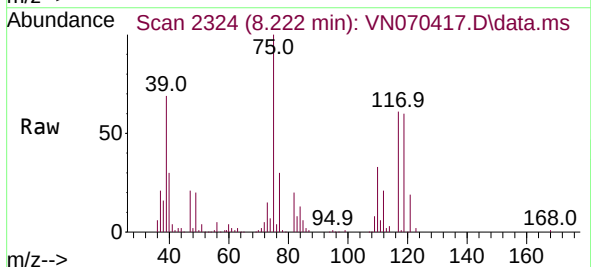
Manual Integrations
APPROVED

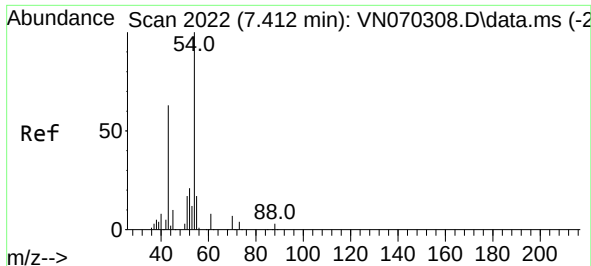
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#36
1,1-Dichloropropene
Concen: 17.349 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion: 75 Resp: 255499
Ion Ratio Lower Upper
75 100
110 33.1 18.4 55.2
77 30.7 24.4 36.6





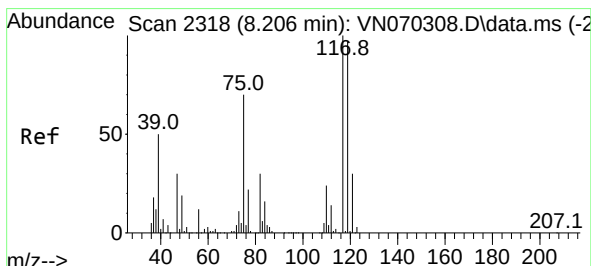
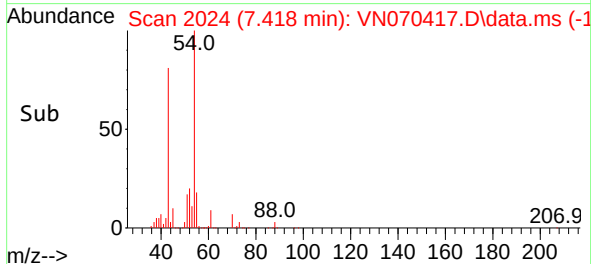
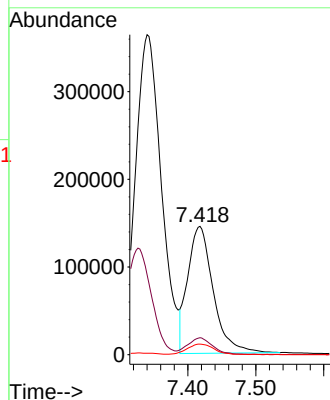
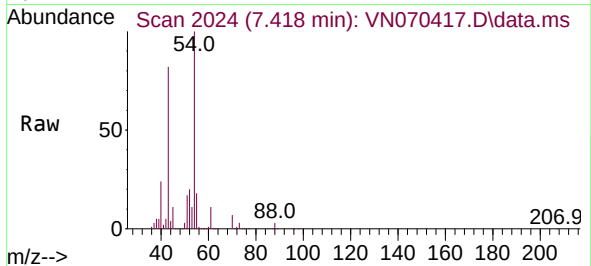
#37
Ethyl Acetate
Concen: 19.797 ug/l
RT: 7.418 min Scan# 2022
Delta R.T. 0.006 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion: 43 Resp: 377923
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 8.4 7.9 11.9

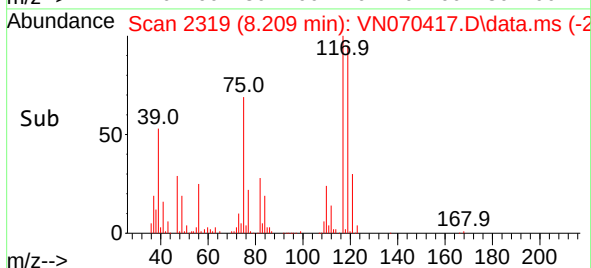
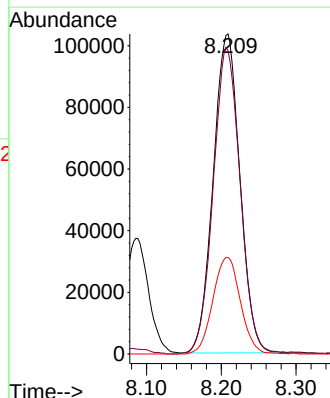
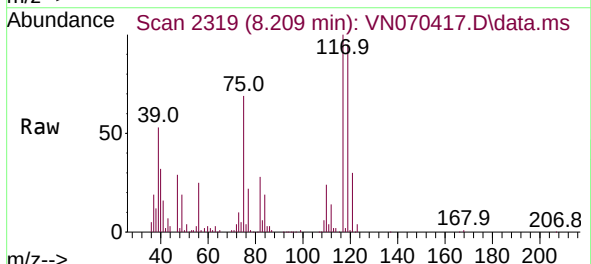
Manual Integrations
APPROVED

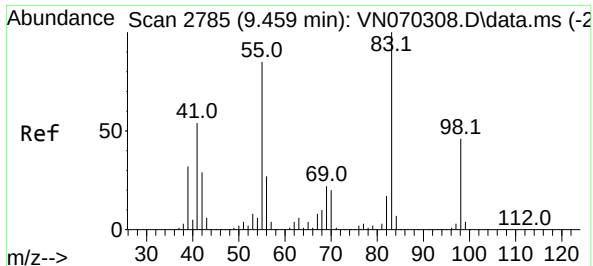
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#38
Carbon Tetrachloride
Concen: 18.267 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

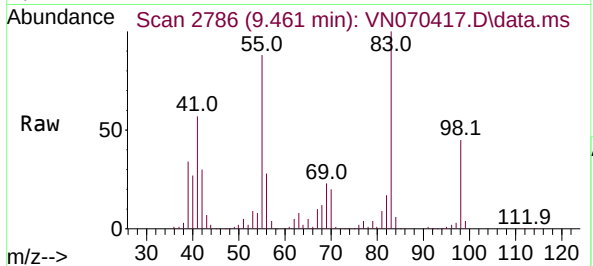
Tgt Ion:117 Resp: 256887
Ion Ratio Lower Upper
117 100
119 94.9 76.1 114.1
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 16.538 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

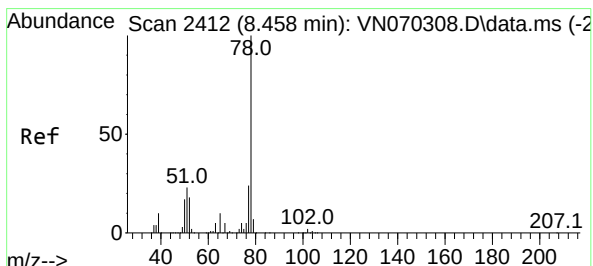
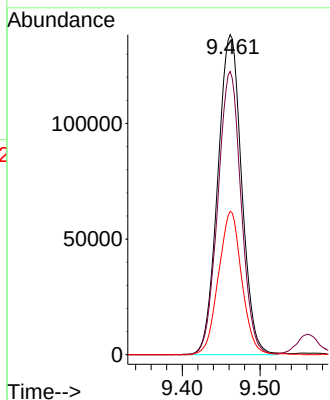
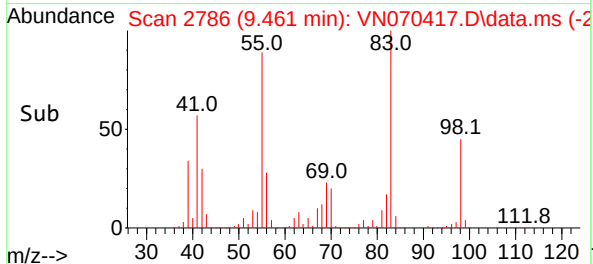
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



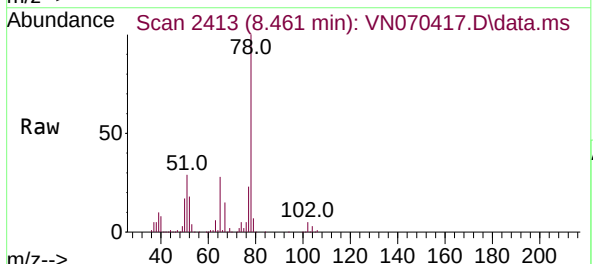
Tgt Ion: 83 Resp: 29486
Ion Ratio Lower Upper
83 100
55 88.5 58.1 87.1
98 44.8 38.4 57.6

Manual Integrations
APPROVED

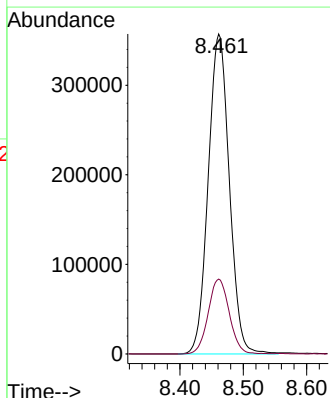
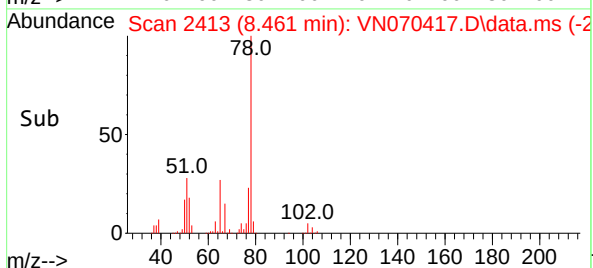
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

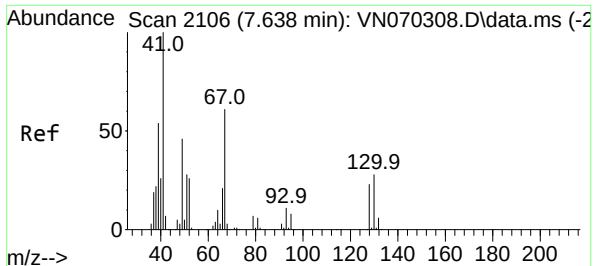


#40
Benzene
Concen: 18.298 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



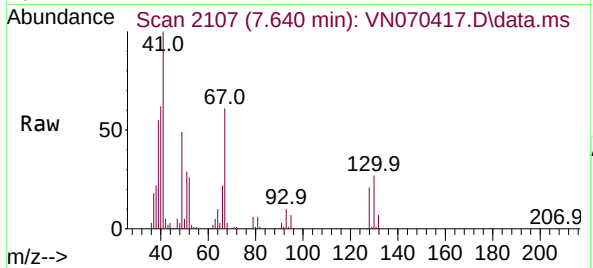
Tgt Ion: 78 Resp: 826162
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 20.371 ug/l
RT: 7.640 min Scan# 2106
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

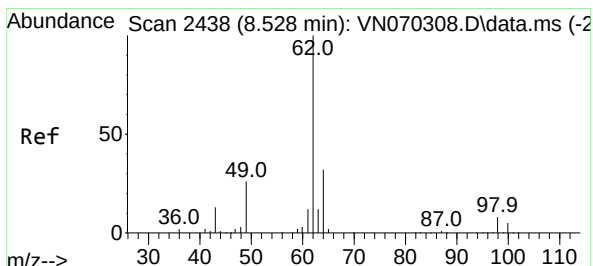
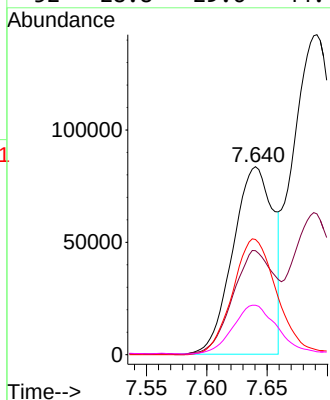
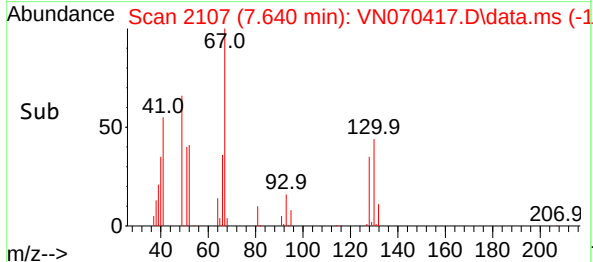
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 41 Resp: 194510
Ion Ratio Lower Upper
41 100
39 58.4 48.1 72.1
67 68.6 68.3 102.5
52 28.8 29.6 44.4#

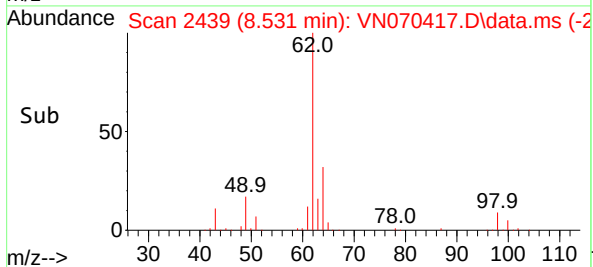
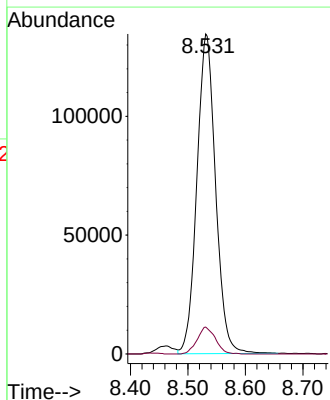
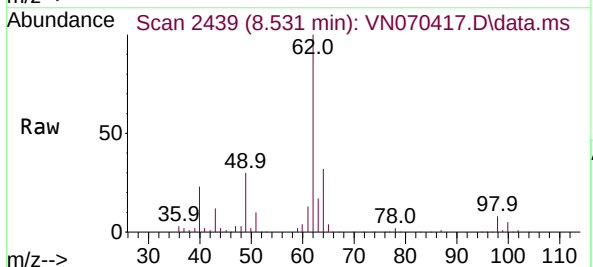
Manual Integrations
APPROVED

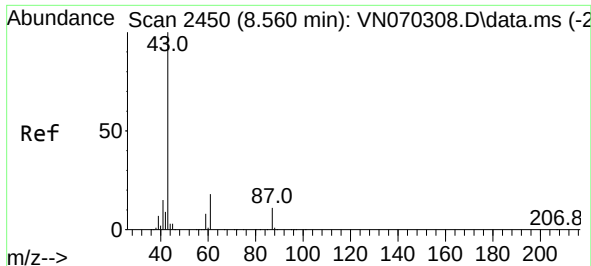
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#42
1,2-Dichloroethane
Concen: 17.895 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

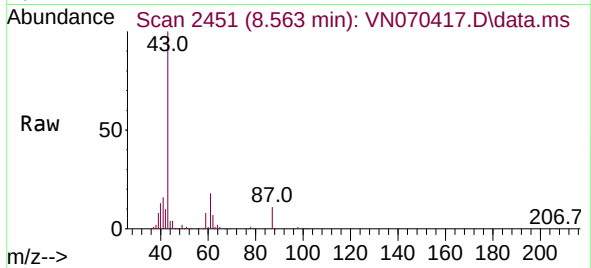
Tgt Ion: 62 Resp: 303689
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.849 ug/l
RT: 8.563 min Scan# 2450
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

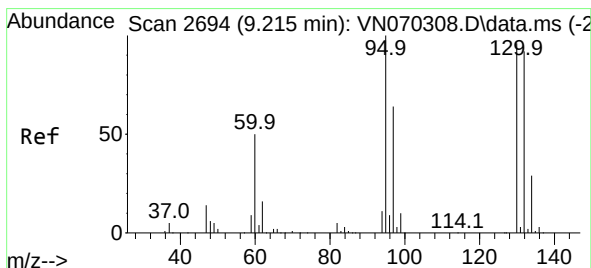
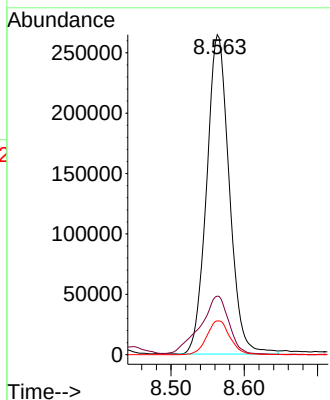
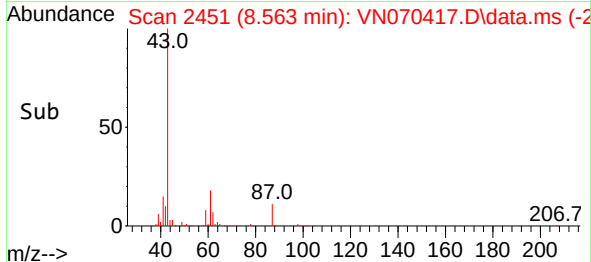
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 43 Resp: 56729
Ion Ratio Lower Upper
43 100
61 23.5 20.4 30.6
87 10.8 11.2 16.8

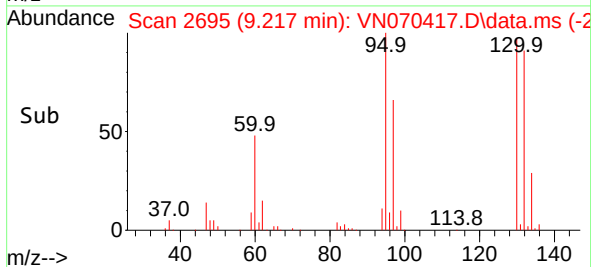
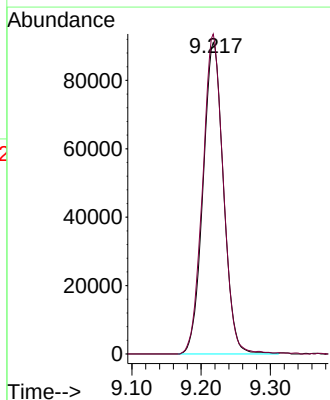
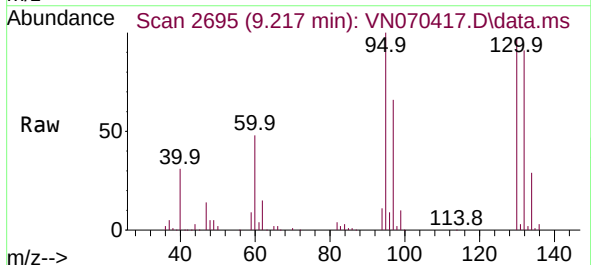
Manual Integrations
APPROVED

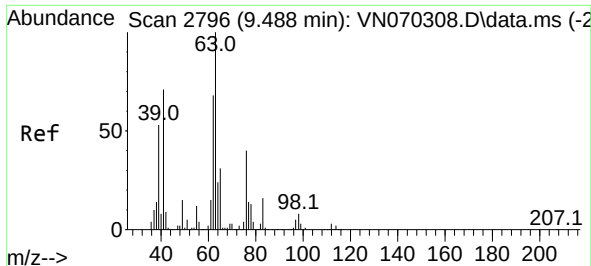
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#44
Trichloroethene
Concen: 17.372 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion:130 Resp: 186372
Ion Ratio Lower Upper
130 100
95 102.8 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.827 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02

Tgt Ion: 63 Resp: 228874

Ion Ratio Lower Upper

63 100

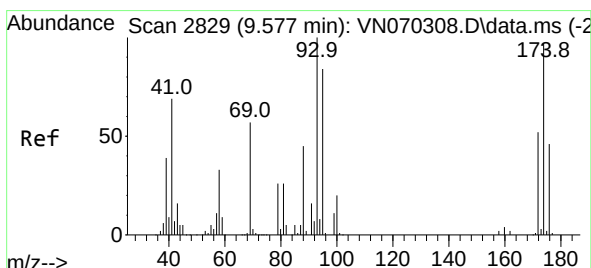
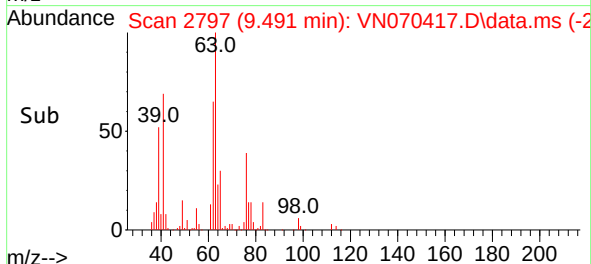
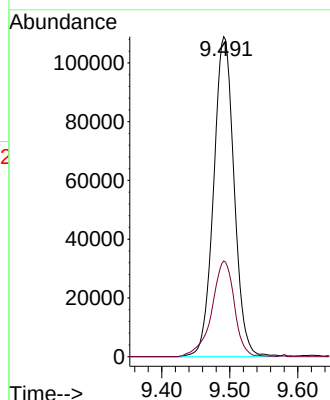
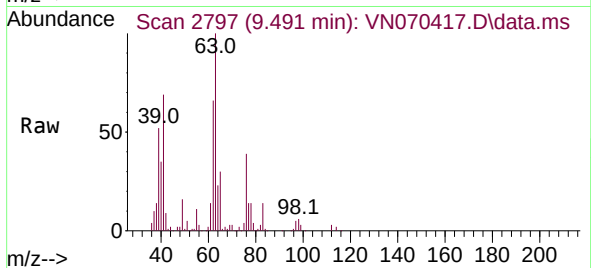
65 29.7 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#46

Dibromomethane

Concen: 18.642 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.002 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

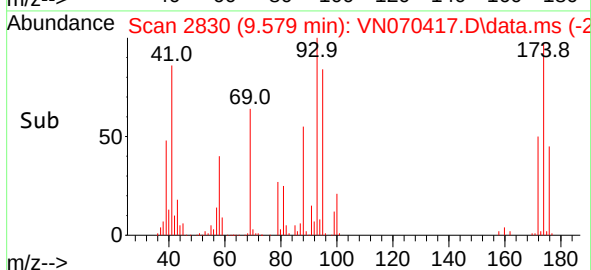
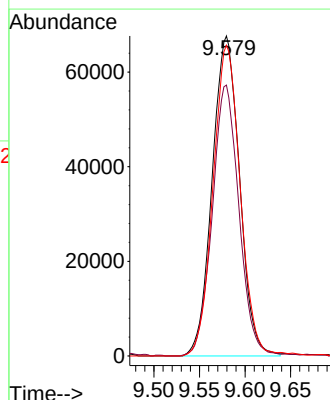
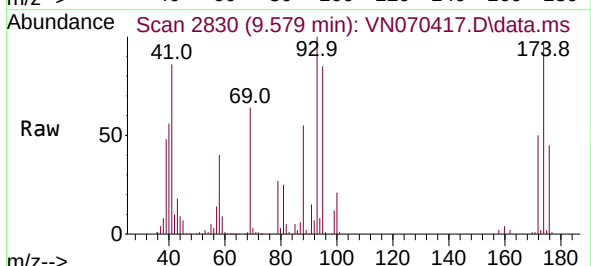
Tgt Ion: 93 Resp: 140922

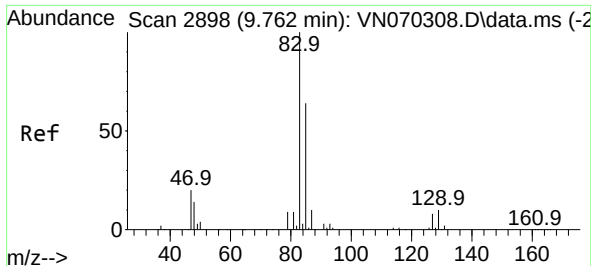
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 96.4 84.6 127.0





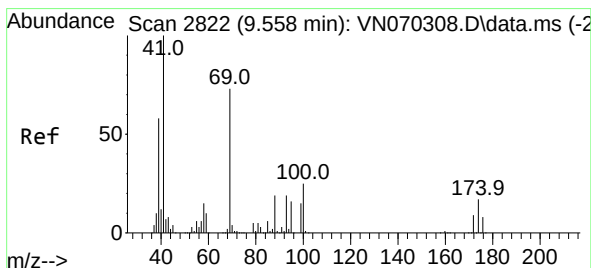
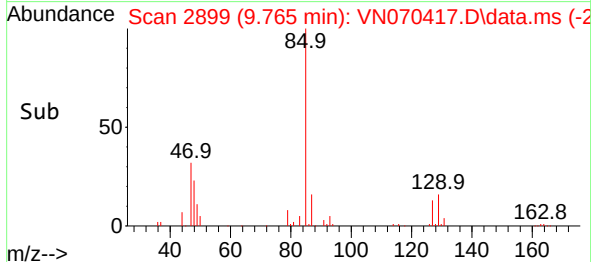
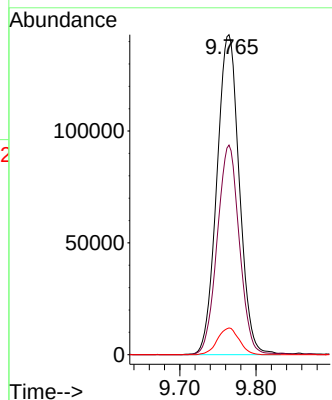
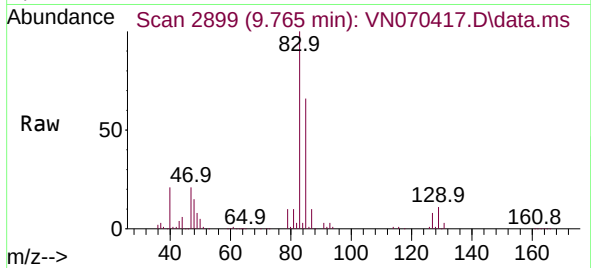
#47
Bromodichloromethane
Concen: 19.515 ug/l
RT: 9.765 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion: 83 Resp: 292920
Ion Ratio Lower Upper
83 100
85 65.5 50.9 76.3
127 8.3 7.1 10.7

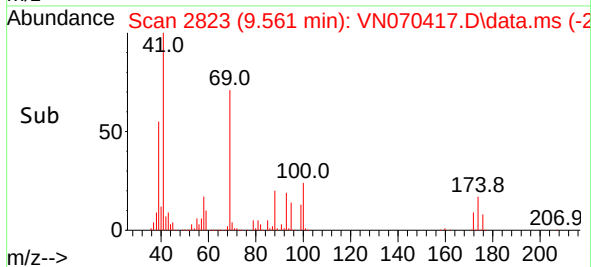
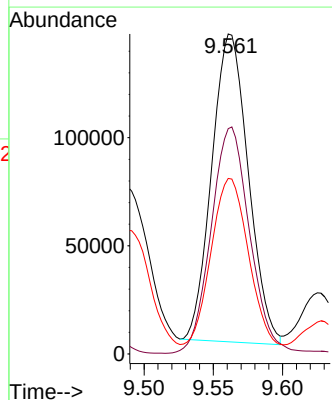
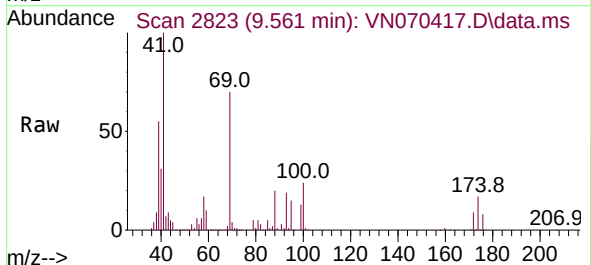
Manual Integrations
APPROVED

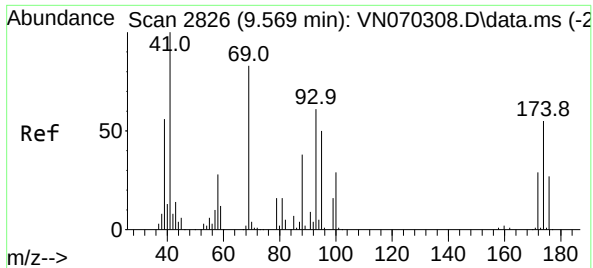
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#48
Methyl methacrylate
Concen: 18.223 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

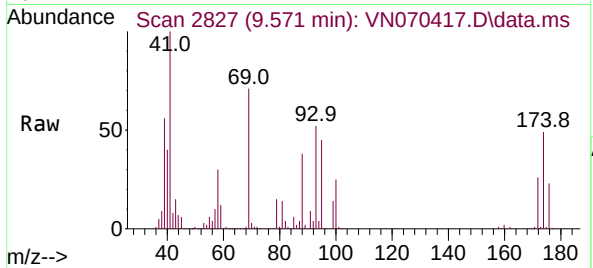
Tgt Ion: 41 Resp: 261606
Ion Ratio Lower Upper
41 100
69 77.9 72.4 108.6
39 55.4 58.4 87.6#





#49
1,4-Dioxane
Concen: 429.251 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

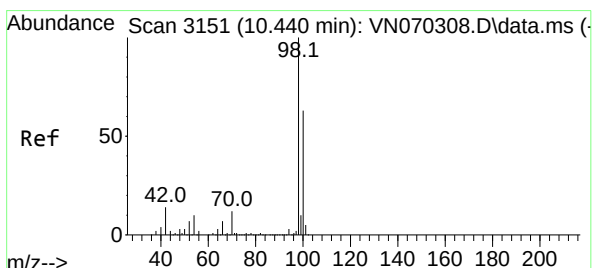
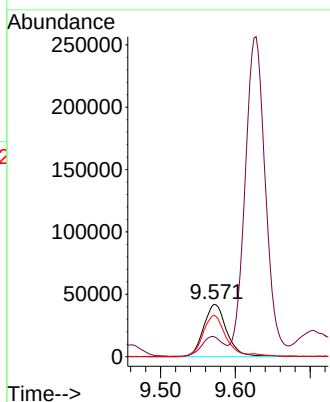
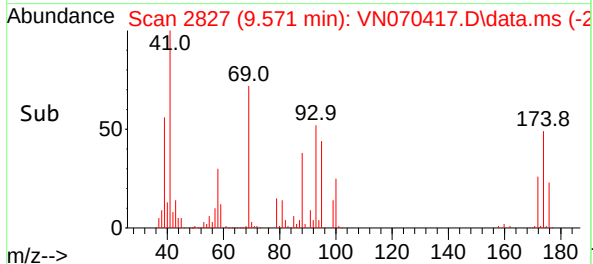
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 88 Resp: 90200
Ion Ratio Lower Upper
88 100
43 34.9 23.4 35.2
58 77.6 50.6 75.8

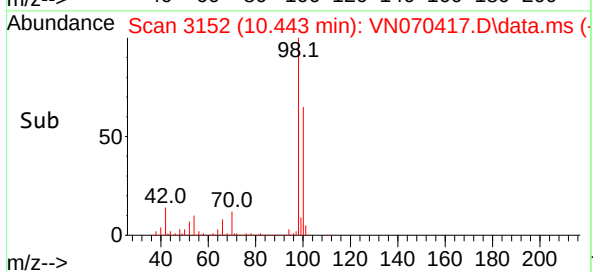
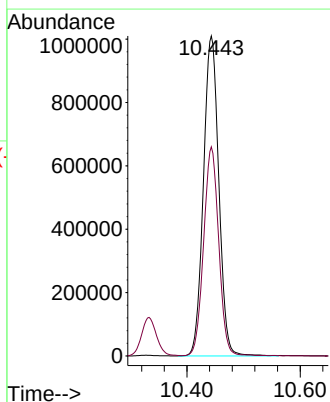
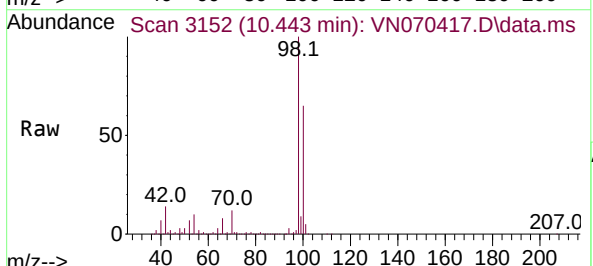
Manual Integrations
APPROVED

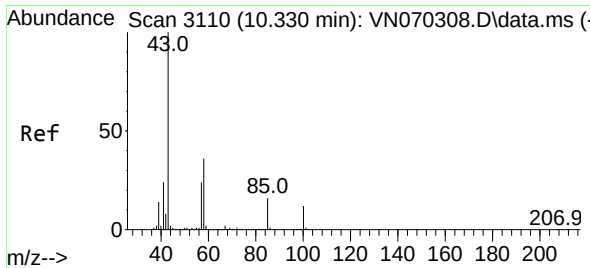
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#50
Toluene-d8
Concen: 52.281 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

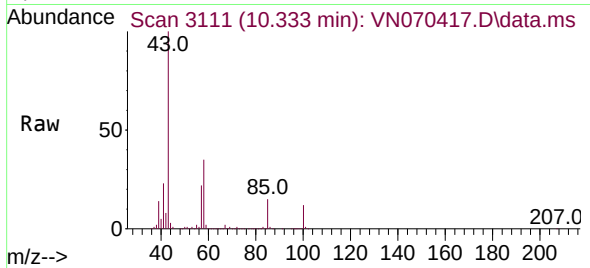
Tgt Ion: 98 Resp: 1901355
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 102.774 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

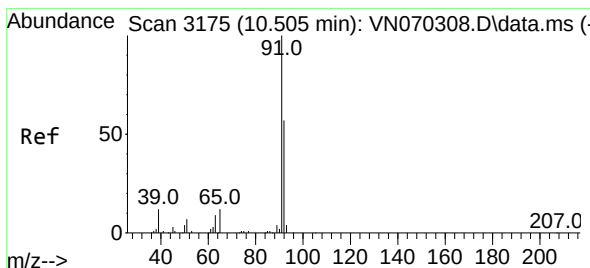
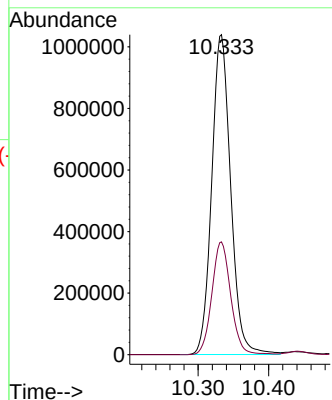
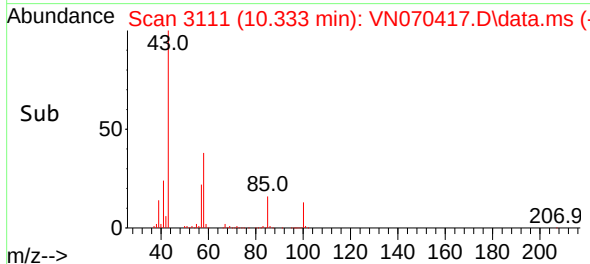
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



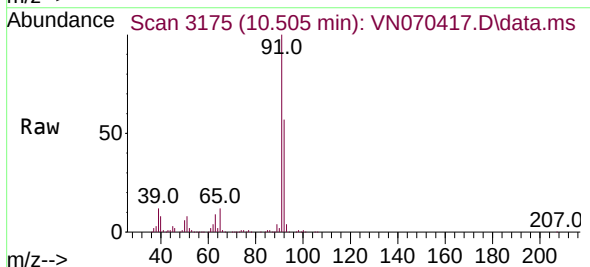
Tgt Ion: 43 Resp: 1943660
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

Manual Integrations
APPROVED

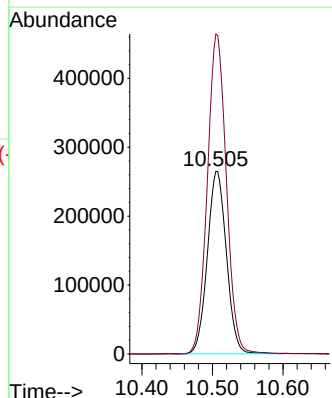
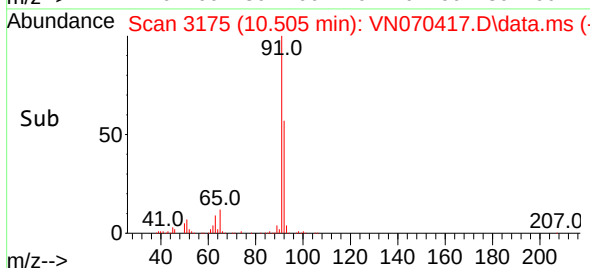
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

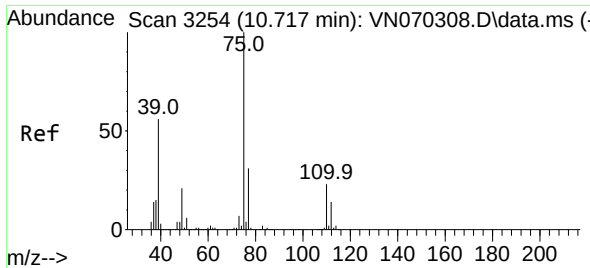


#52
Toluene
Concen: 18.178 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



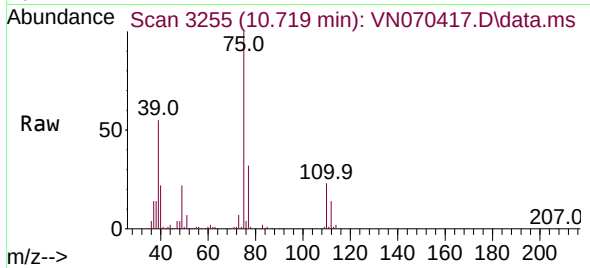
Tgt Ion: 92 Resp: 496796
Ion Ratio Lower Upper
92 100
91 175.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.676 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

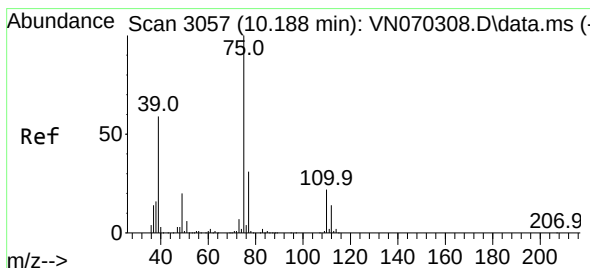
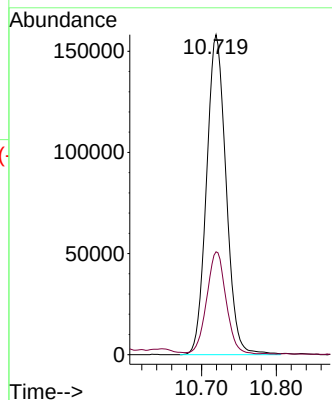
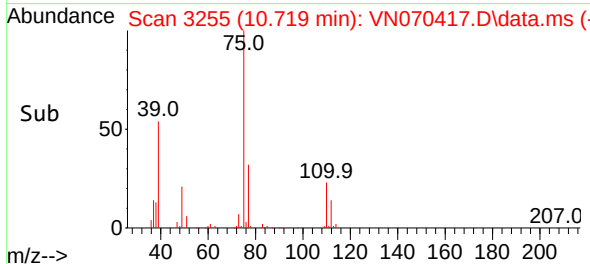
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



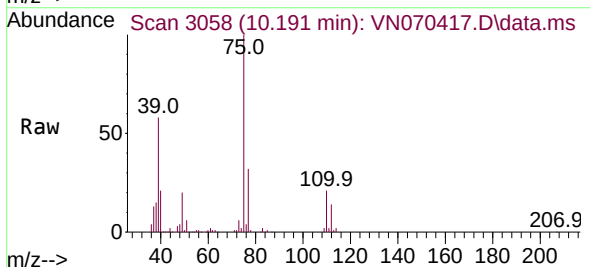
Tgt Ion: 75 Resp: 28722
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
APPROVED

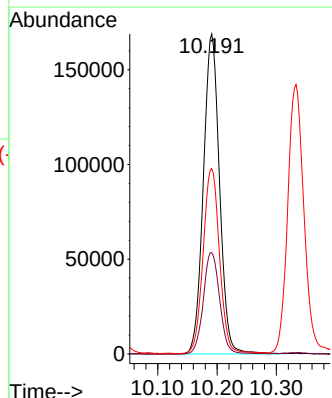
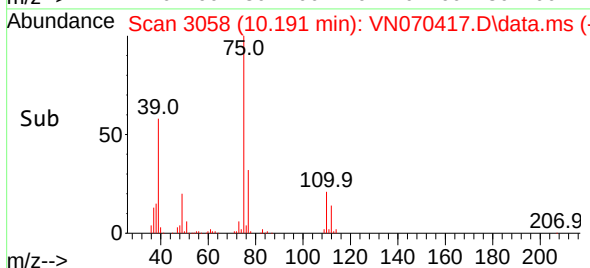
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

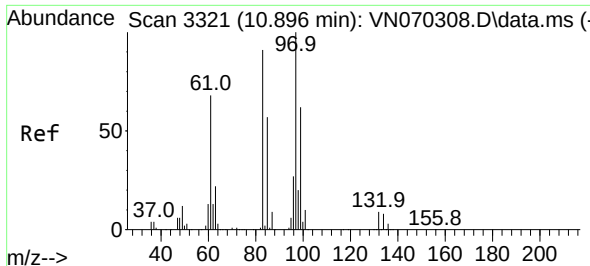


#54
cis-1,3-Dichloropropene
Concen: 18.204 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



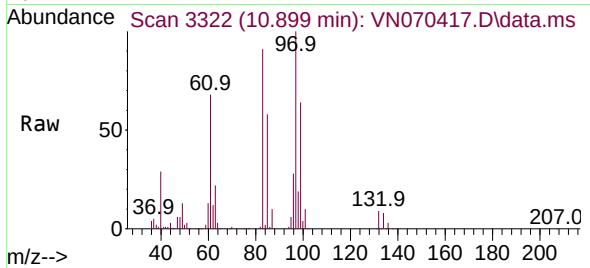
Tgt Ion: 75 Resp: 319979
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 57.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.373 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

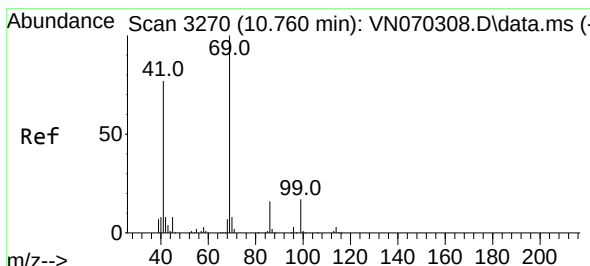
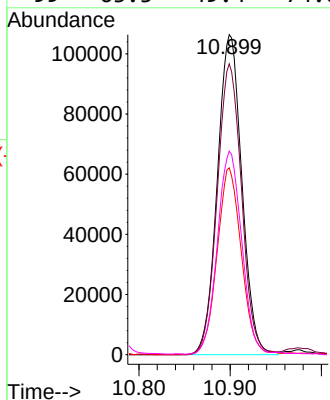
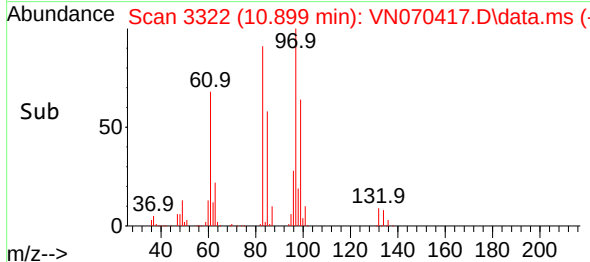
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



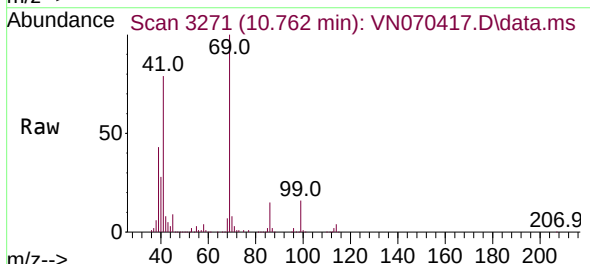
Tgt Ion:	97	Resp:	198669
Ion	Ratio	Lower	Upper
97	100		
83	90.9	67.8	101.6
85	58.4	45.4	68.2
99	63.3	49.4	74.0

Manual Integrations
APPROVED

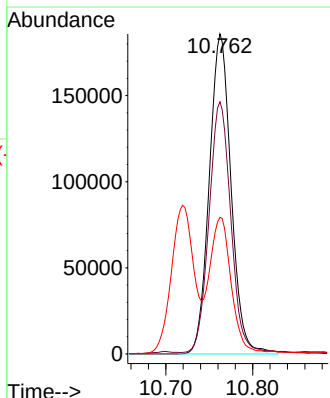
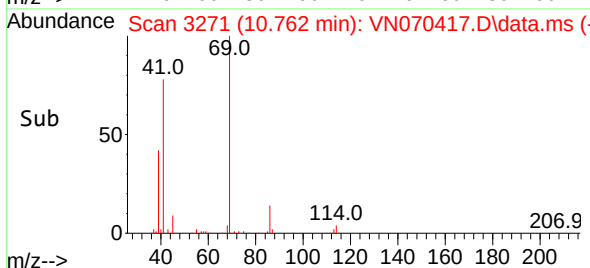
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

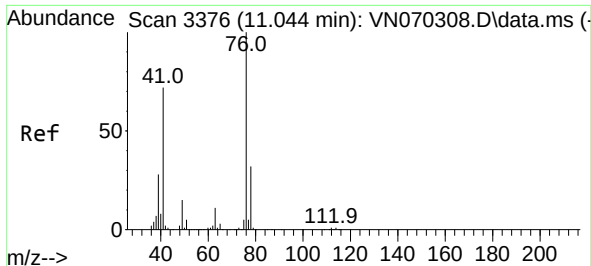


#56
Ethyl methacrylate
Concen: 18.105 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion:	69	Resp:	323485
Ion	Ratio	Lower	Upper
69	100		
41	78.0	51.4	77.0#
39	40.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 18.535 ug/l

RT: 11.047 min Scan# 31

Delta R.T. 0.002 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02

Tgt Ion: 76 Resp: 35449

Ion Ratio Lower Upper

76 100

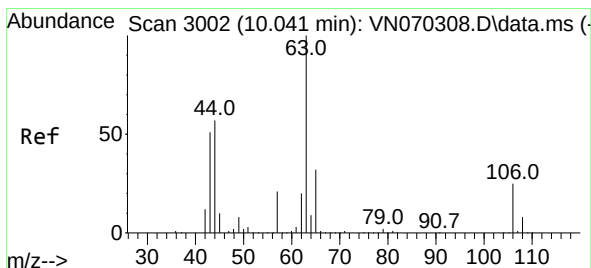
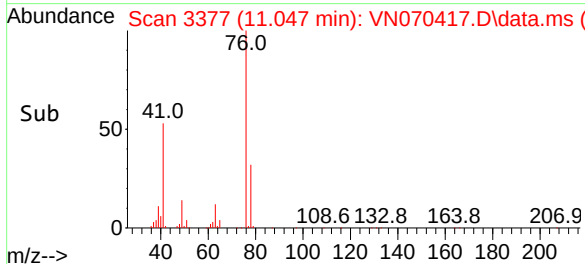
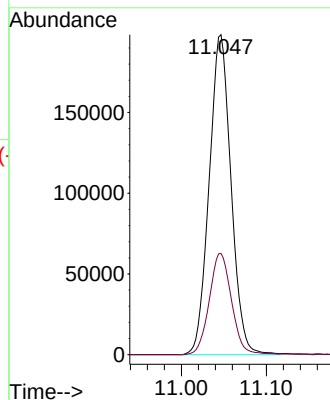
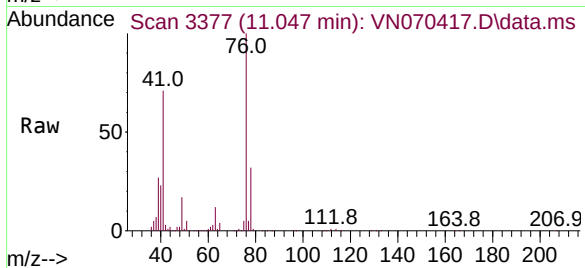
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#58

2-Chloroethyl Vinyl ether

Concen: 85.370 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN070417.D

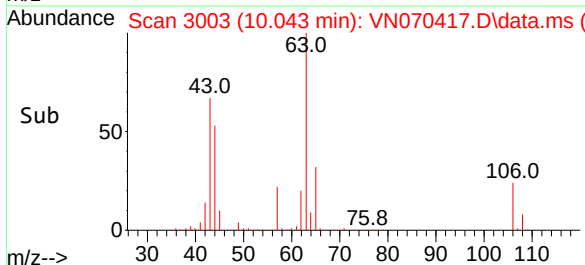
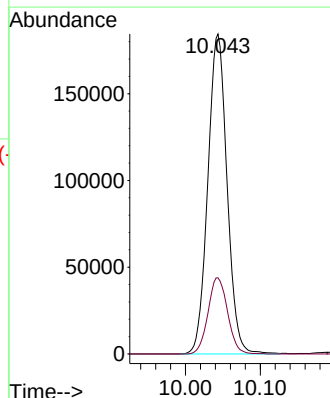
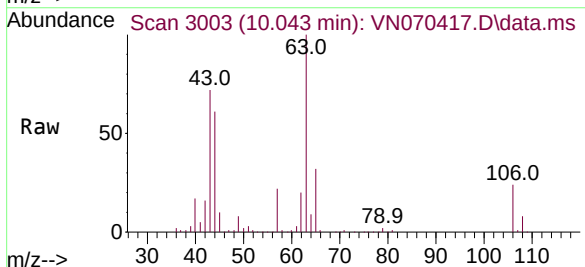
Acq: 31 Dec 2021 00:05

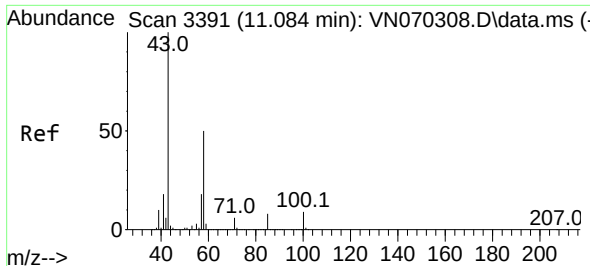
Tgt Ion: 63 Resp: 329522

Ion Ratio Lower Upper

63 100

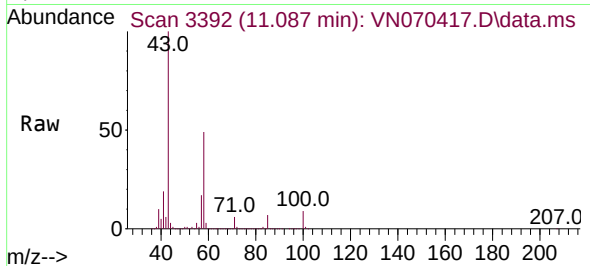
106 24.2 23.9 35.9





#59
2-Hexanone
Concen: 98.385 ug/l
RT: 11.087 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

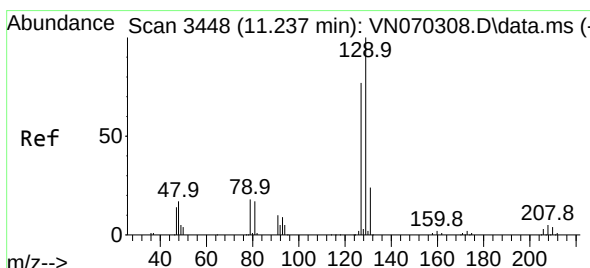
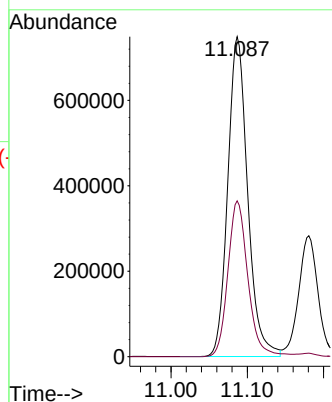
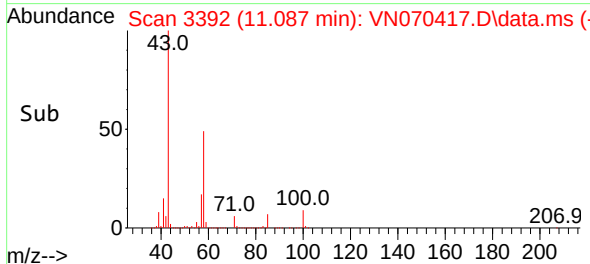
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 43 Resp: 1356874
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

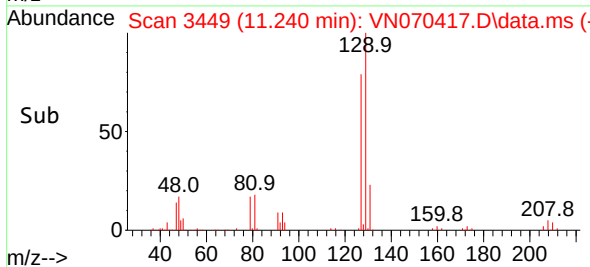
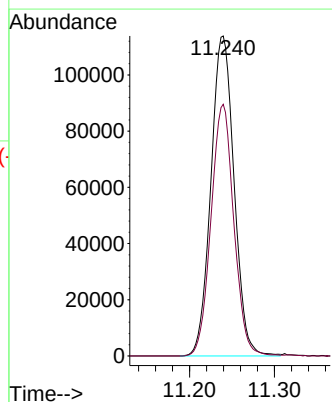
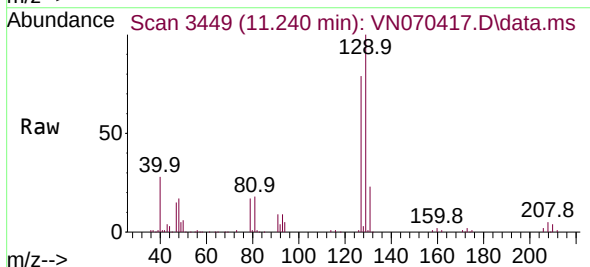
Manual Integrations
APPROVED

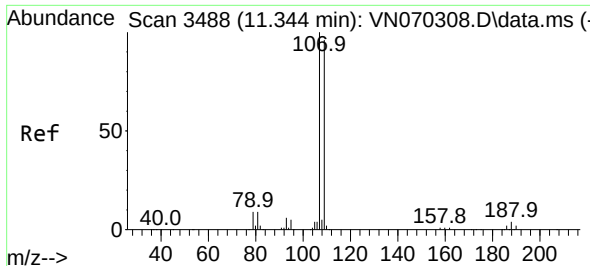
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#60
Dibromochloromethane
Concen: 20.463 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

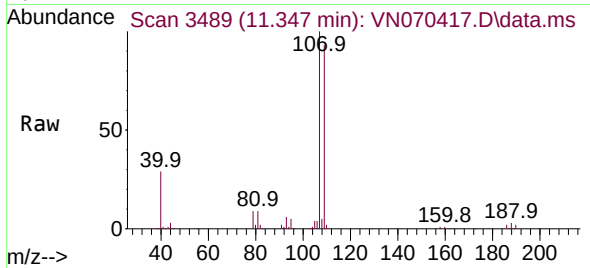
Tgt Ion:129 Resp: 215890
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.310 ug/l
RT: 11.347 min Scan# 3488
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

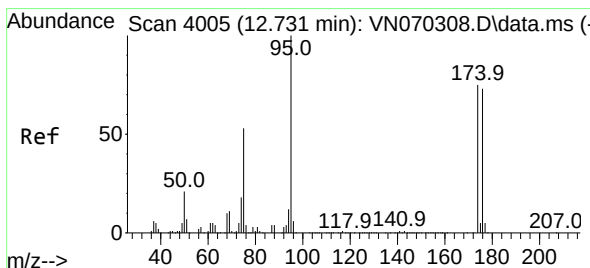
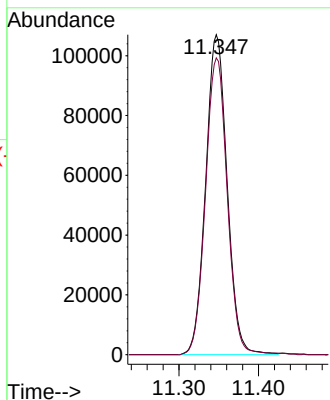
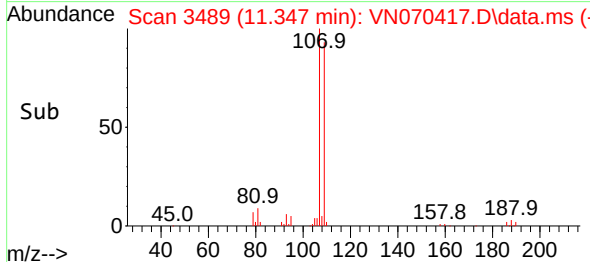
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



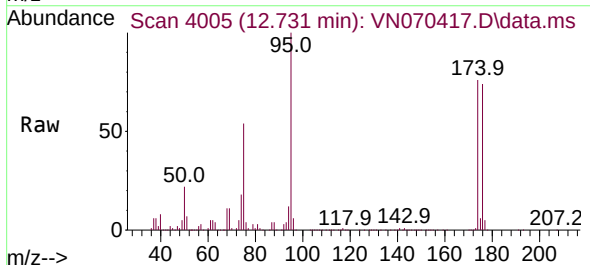
Tgt Ion:107 Resp: 201034
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

Manual Integrations
APPROVED

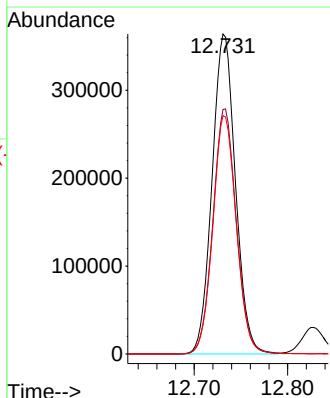
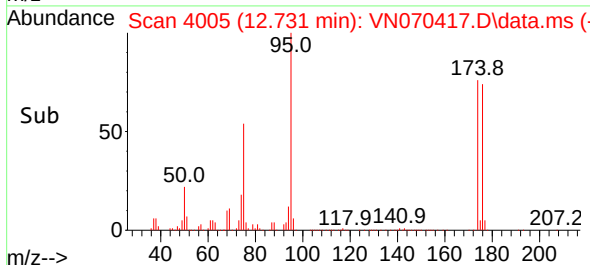
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

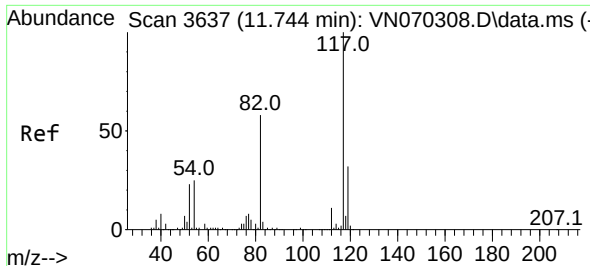


#62
4-Bromofluorobenzene
Concen: 48.242 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



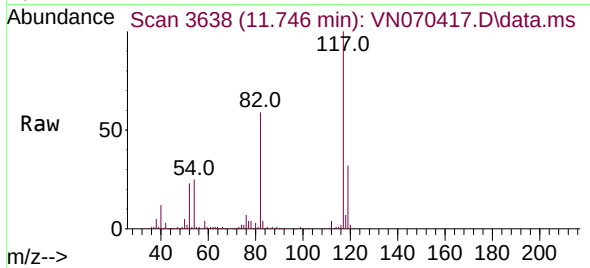
Tgt Ion: 95 Resp: 633681
Ion Ratio Lower Upper
95 100
174 76.7 0.0 187.2
176 74.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3637
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

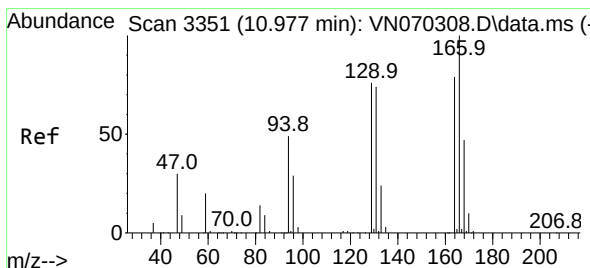
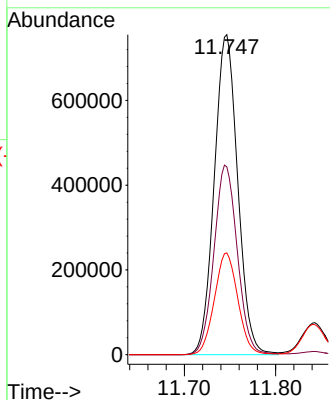
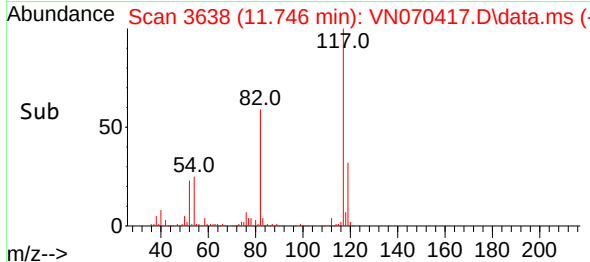
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion:117 Resp: 1350438
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.8 25.4 38.2

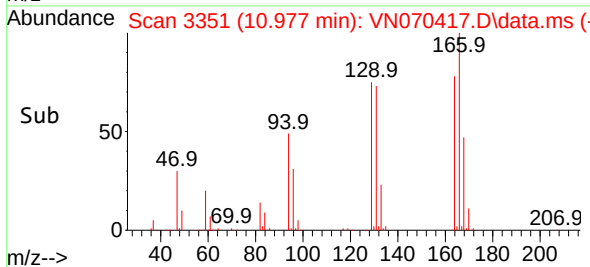
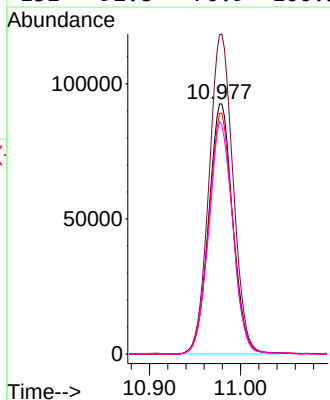
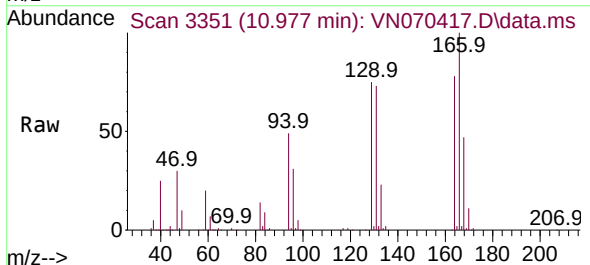
Manual Integrations
APPROVED

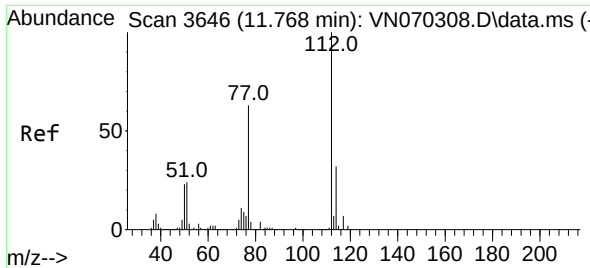
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#64
Tetrachloroethene
Concen: 17.342 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion:164 Resp: 169591
Ion Ratio Lower Upper
164 100
166 127.7 101.9 152.9
129 96.2 72.0 108.0
131 92.8 70.9 106.3





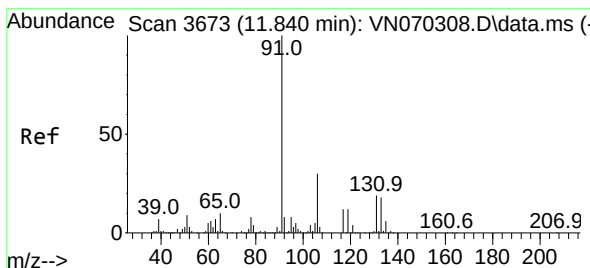
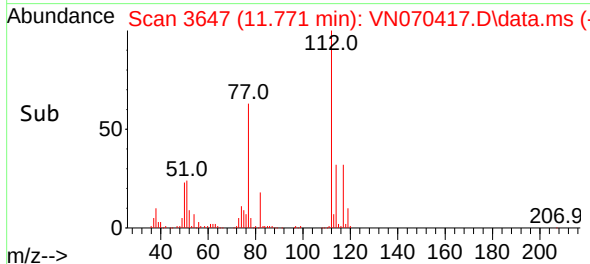
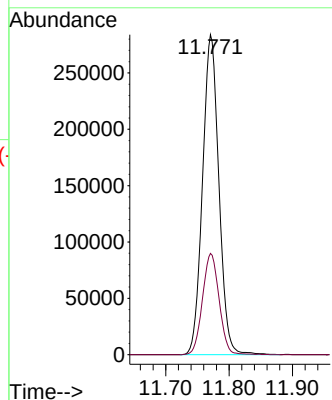
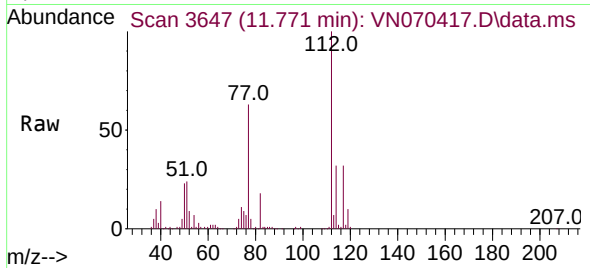
#65
Chlorobenzene
Concen: 17.754 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion:112 Resp: 508710
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

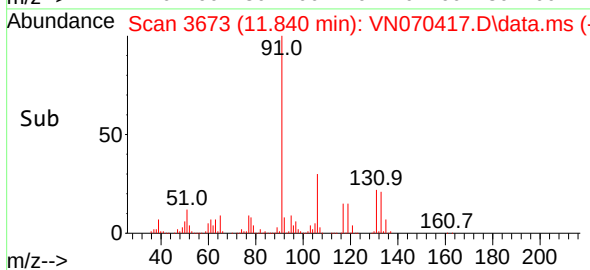
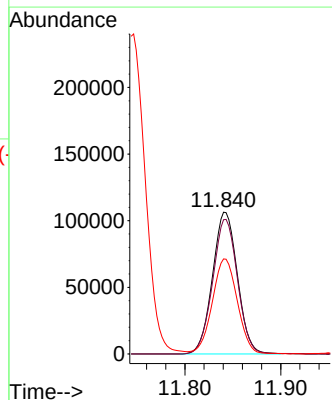
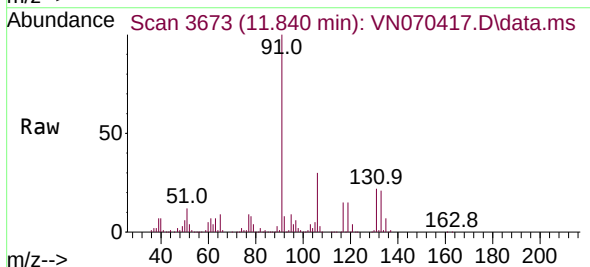
Manual Integrations
APPROVED

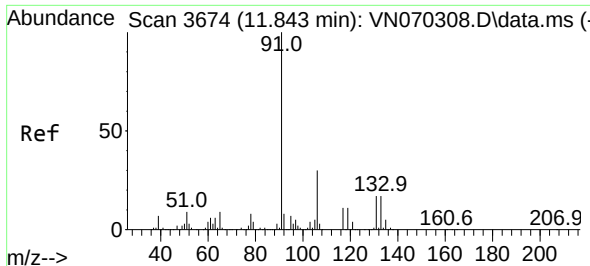
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.794 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion:131 Resp: 192246
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.7
119 66.5 32.1 96.5





#67

Ethyl Benzene

Concen: 17.496 ug/l

RT: 11.846 min Scan# 3674

Delta R.T. 0.003 min

Lab File: VN070417.D

Acq: 31 Dec 2021 00:05

Instrument :

MSVOA_N

ClientSampleId :

VN1230MBS02

Tgt Ion: 91 Resp: 91854

Ion Ratio Lower Upper

91 100

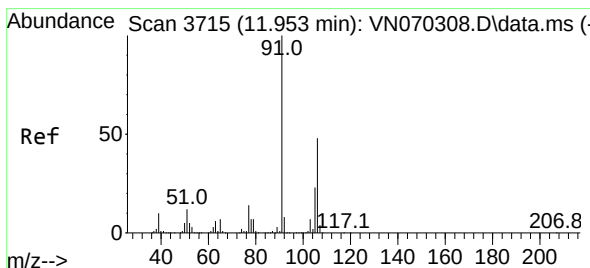
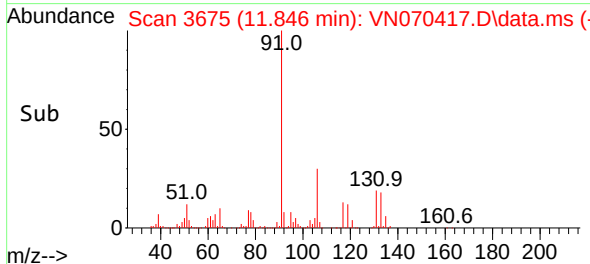
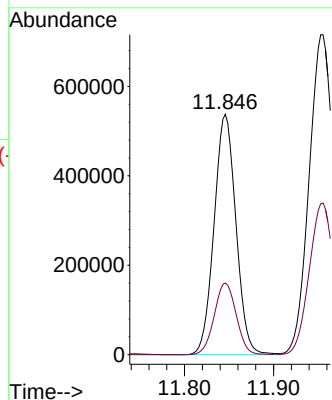
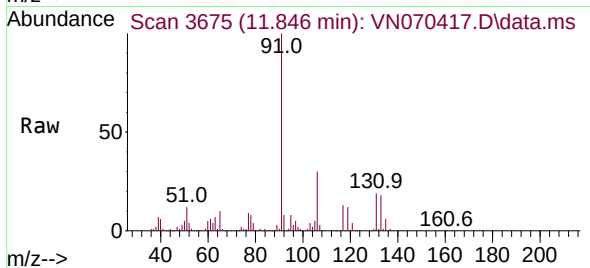
106 29.8 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 01/03/2022

Supervised By :mohammad ahmed 01/03/2022



#68

m/p-Xylenes

Concen: 35.320 ug/l

RT: 11.956 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VN070417.D

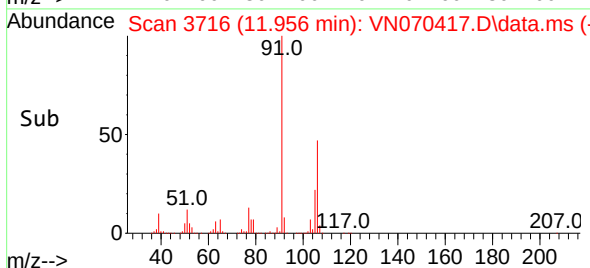
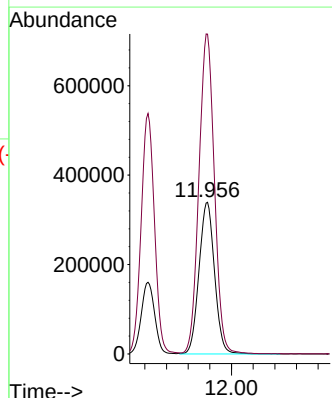
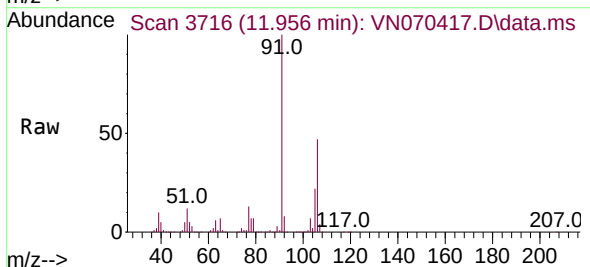
Acq: 31 Dec 2021 00:05

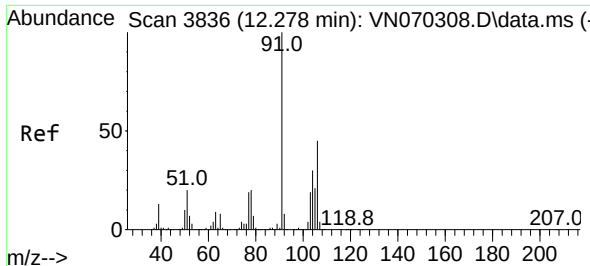
Tgt Ion:106 Resp: 674963

Ion Ratio Lower Upper

106 100

91 210.0 160.6 240.8





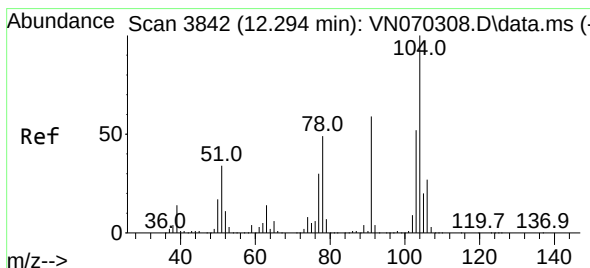
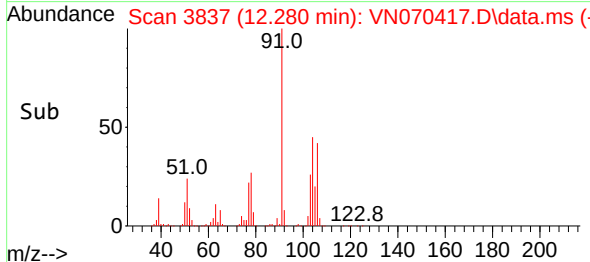
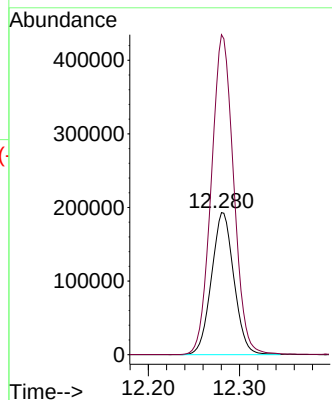
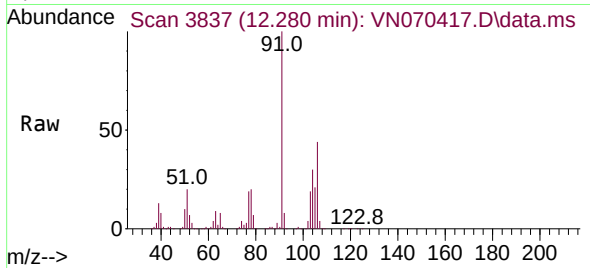
#69
o-Xylene
Concen: 17.390 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion:106 Resp: 33055
Ion Ratio Lower Upper
106 100
91 225.0 105.8 317.3

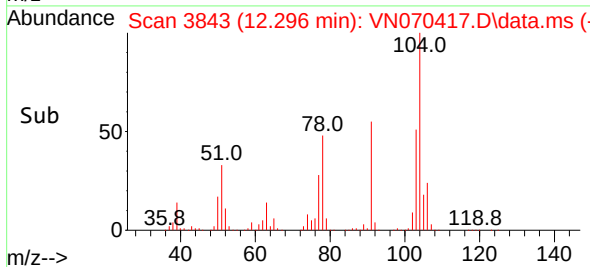
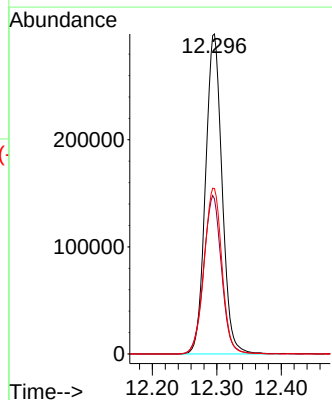
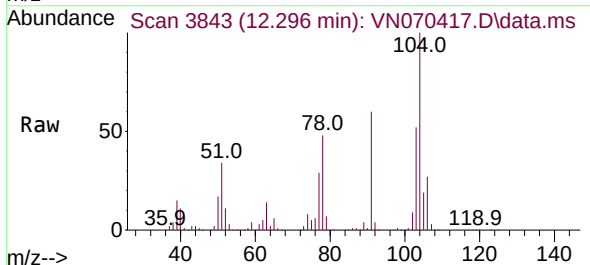
Manual Integrations
APPROVED

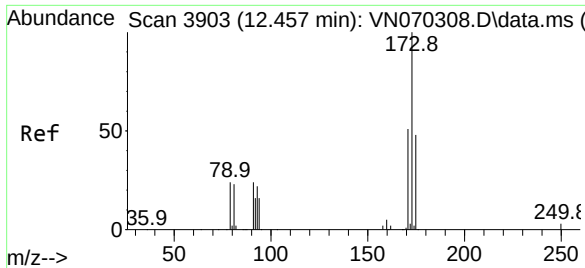
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#70
Styrene
Concen: 17.730 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

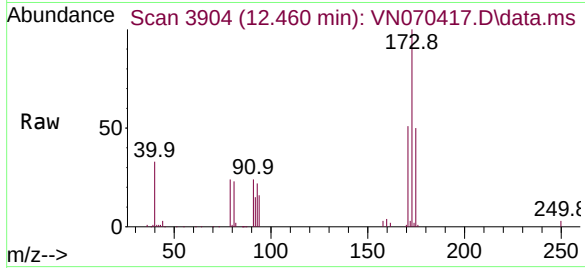
Tgt Ion:104 Resp: 533388
Ion Ratio Lower Upper
104 100
78 53.3 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 21.983 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

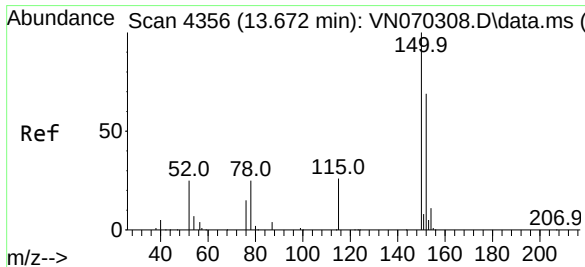
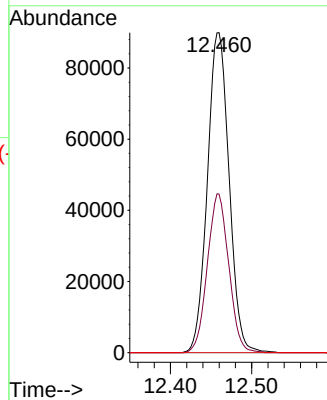
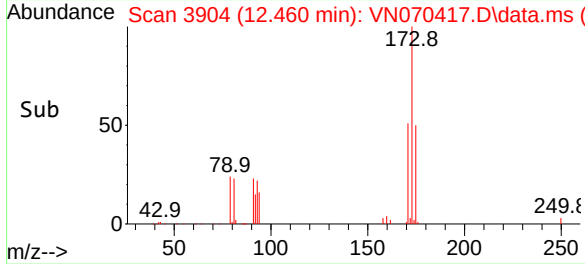
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



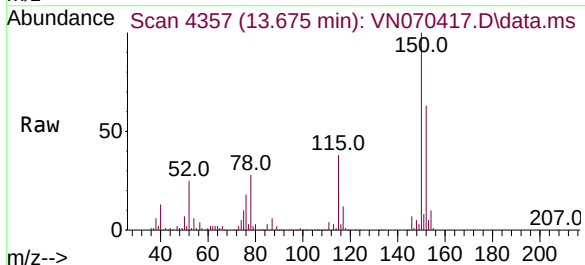
Tgt Ion:173 Resp: 166884
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

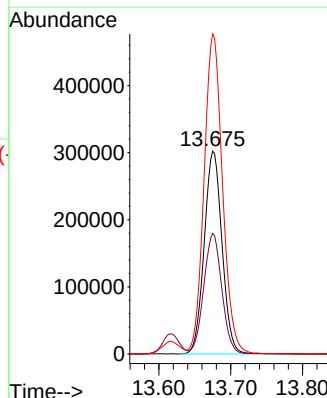
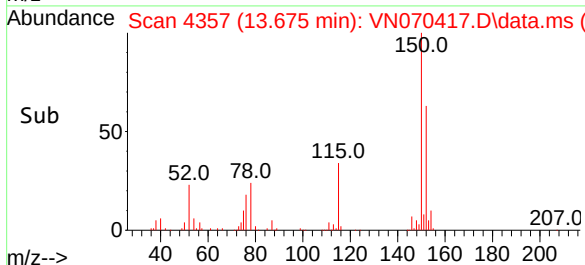
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

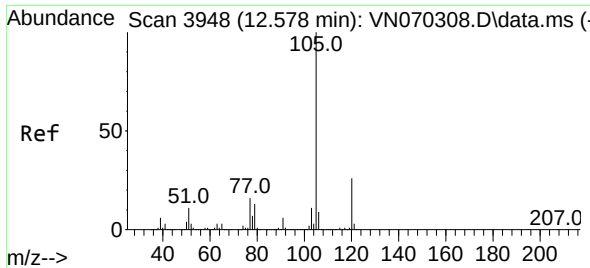


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion:152 Resp: 522439
Ion Ratio Lower Upper
152 100
115 60.2 27.5 82.5
150 163.0 0.0 344.4





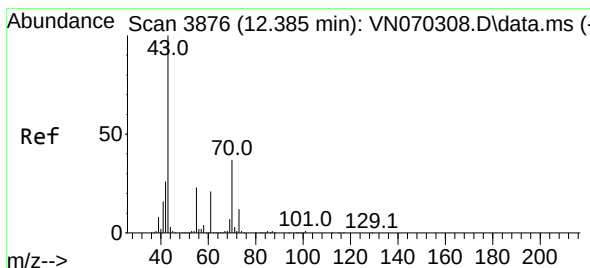
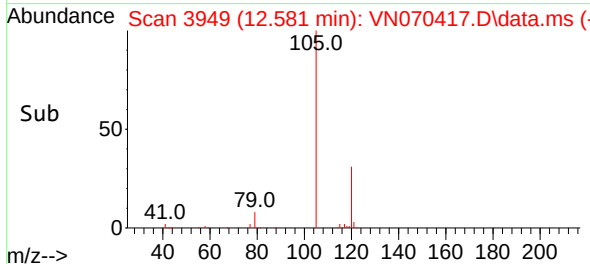
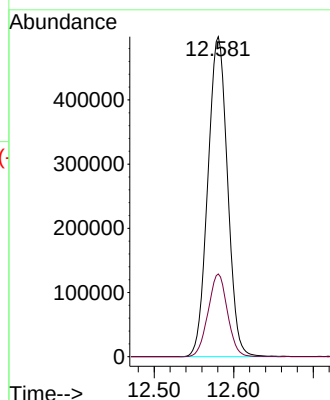
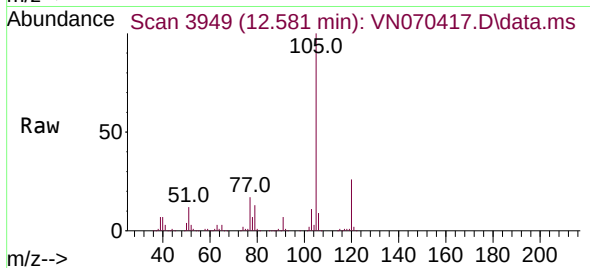
#73
Isopropylbenzene
Concen: 17.657 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion:105 Resp: 856629
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1

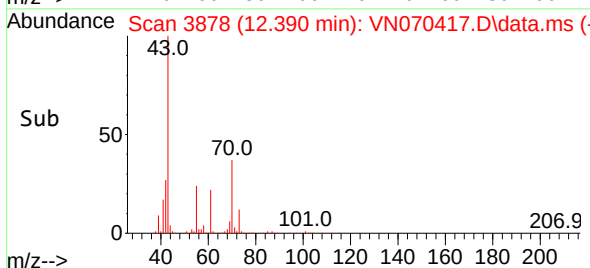
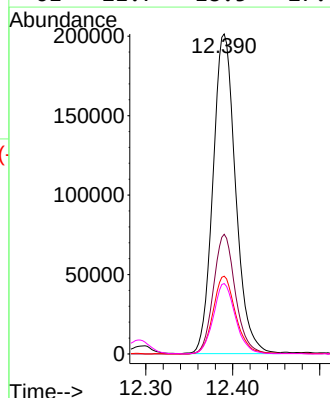
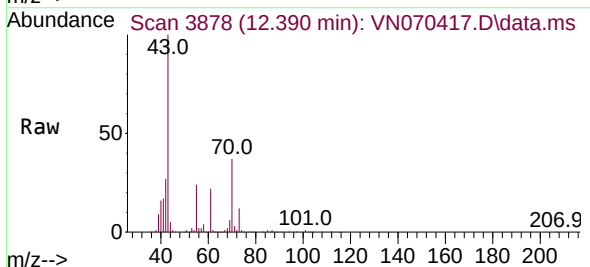
Manual Integrations
APPROVED

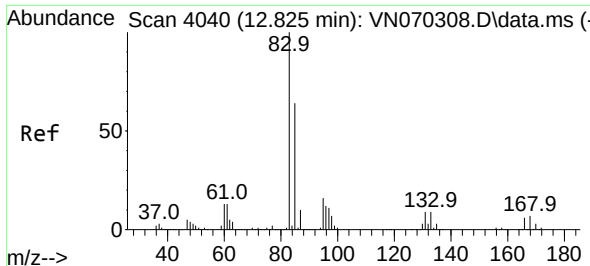
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#74
N-ethyl acetate
Concen: 17.771 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.005 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

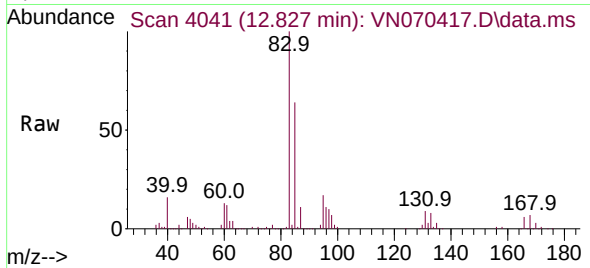
Tgt Ion: 43 Resp: 362510
Ion Ratio Lower Upper
43 100
70 36.5 33.4 50.0
55 24.5 19.3 28.9
61 21.7 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.201 ug/l
RT: 12.827 min Scan# 4040
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

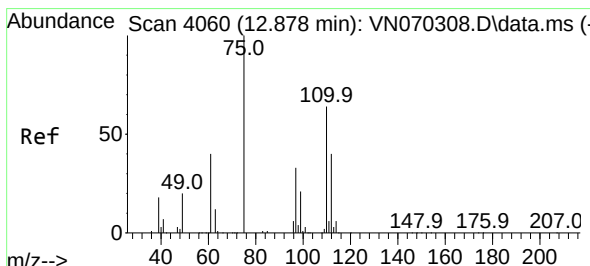
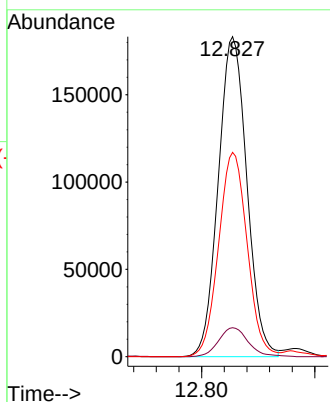
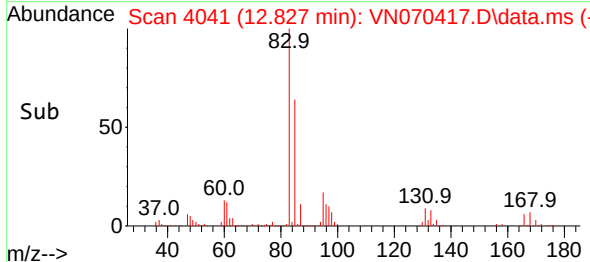
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



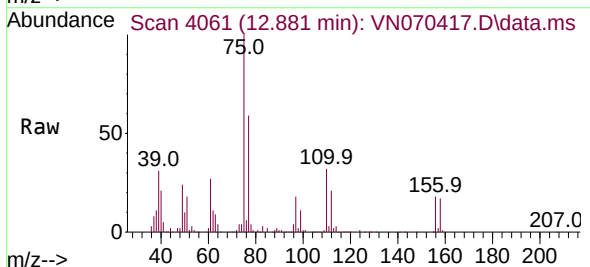
Tgt Ion: 83 Resp: 32131
Ion Ratio Lower Upper
83 100
131 9.4 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
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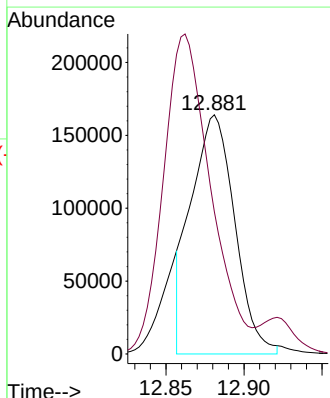
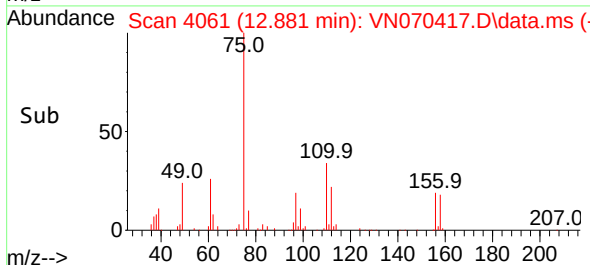
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

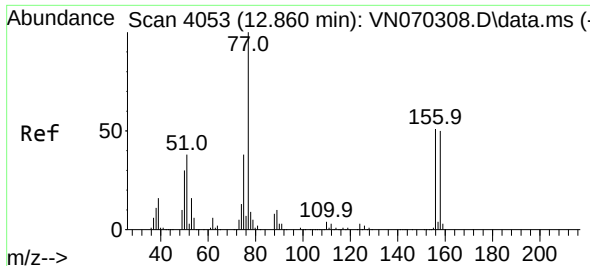


#76
1,2,3-Trichloropropane
Concen: 22.249 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



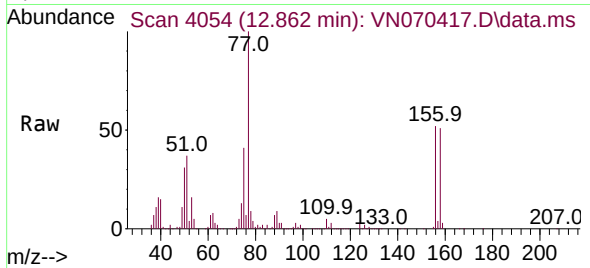
Tgt Ion: 75 Resp: 319288
Ion Ratio Lower Upper
75 100
77 144.9 82.6 247.8





#77
Bromobenzene
Concen: 17.918 ug/l
RT: 12.862 min Scan# 4053
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

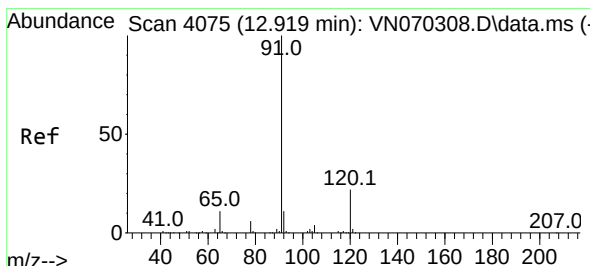
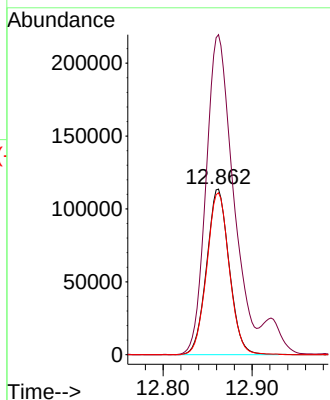
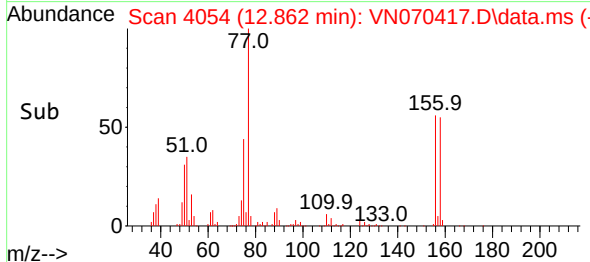
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



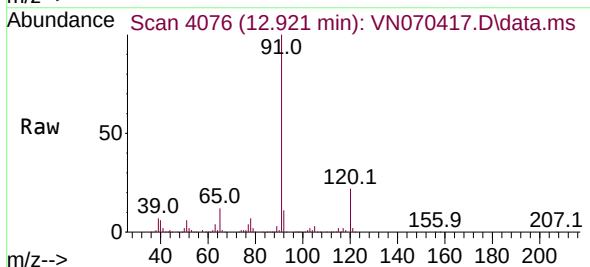
Tgt Ion:156 Resp: 199579
Ion Ratio Lower Upper
156 100
77 231.8 90.6 271.8
158 97.9 48.9 146.7

Manual Integrations
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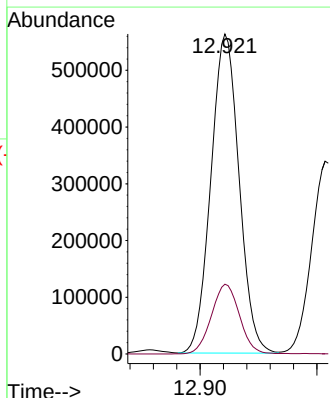
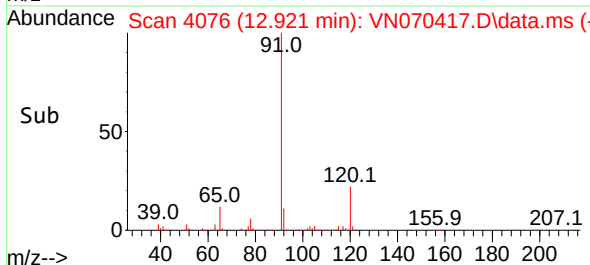
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

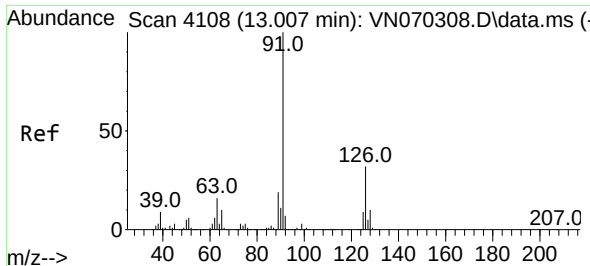


#78
n-propylbenzene
Concen: 17.524 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion: 91 Resp: 941983
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





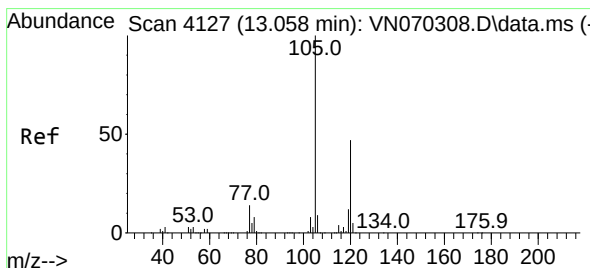
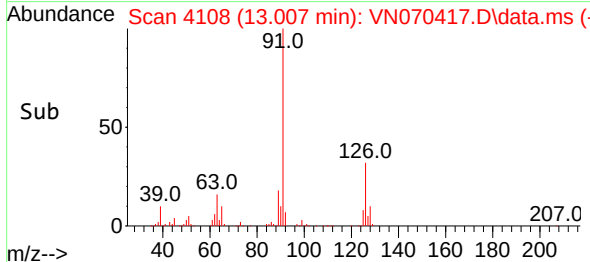
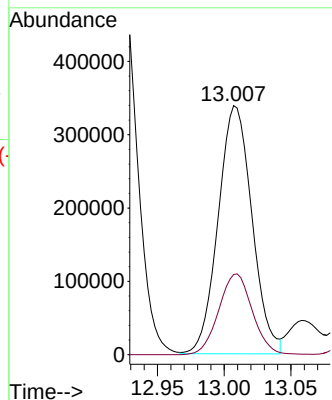
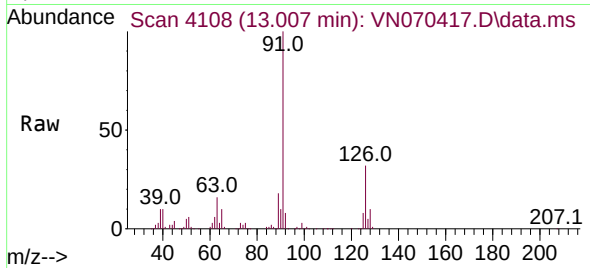
#79
2-Chlorotoluene
Concen: 17.315 ug/l
RT: 13.007 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion: 91 Resp: 59720
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

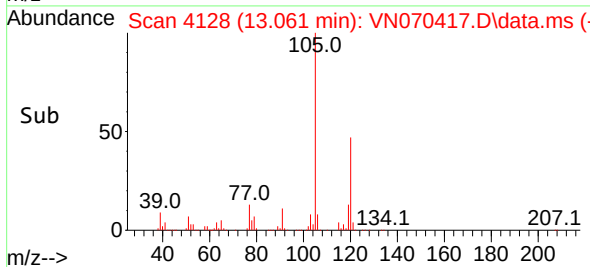
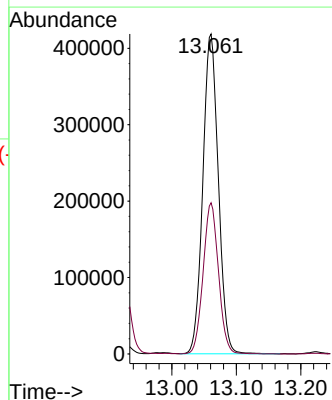
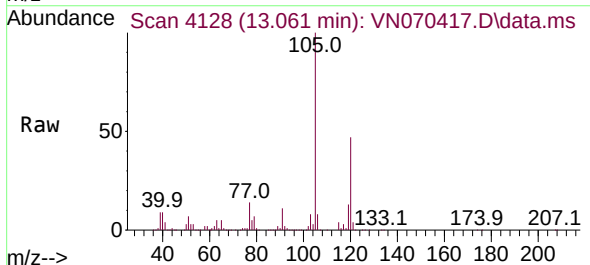
Manual Integrations
APPROVED

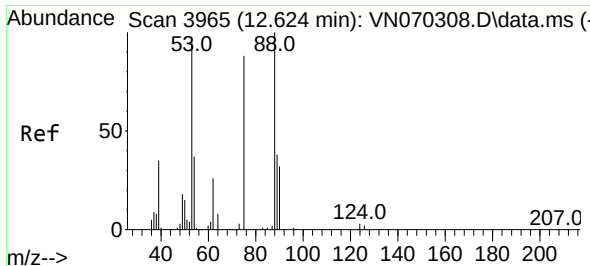
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.978 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

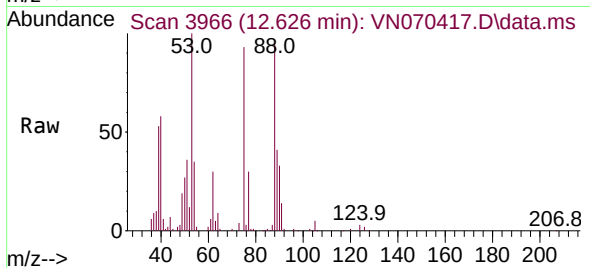
Tgt Ion:105 Resp: 698961
Ion Ratio Lower Upper
105 100
120 46.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.963 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

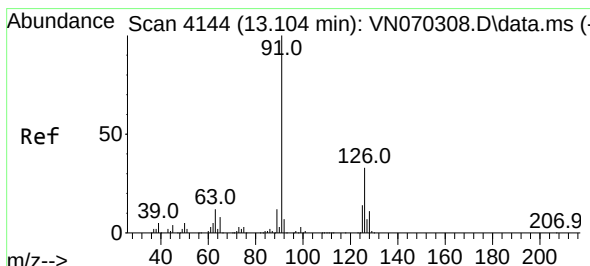
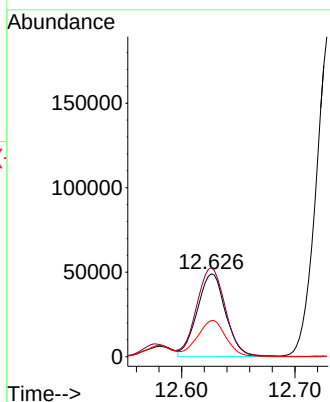
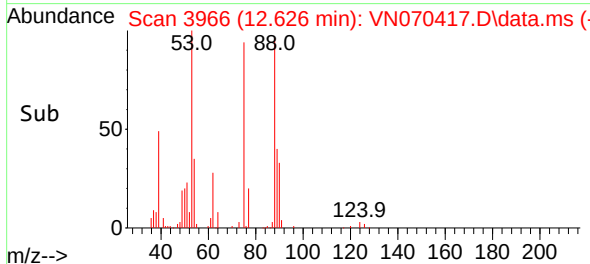
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



Tgt Ion: 75 Resp: 85364
Ion Ratio Lower Upper
75 100
53 109.4 90.5 135.7
89 44.1 38.2 57.4

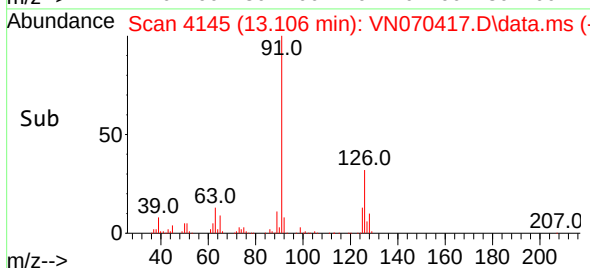
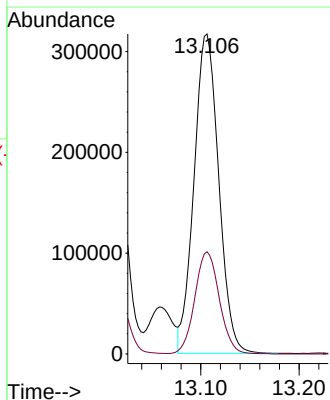
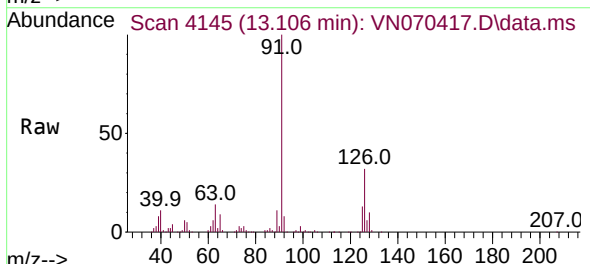
Manual Integrations
APPROVED

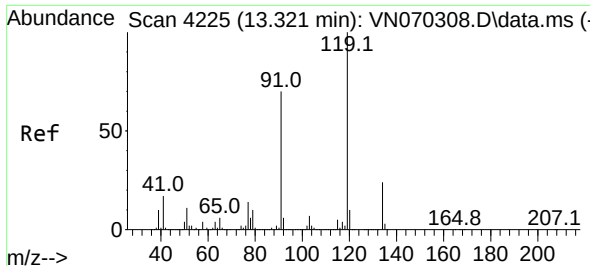
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#82
4-Chlorotoluene
Concen: 17.079 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

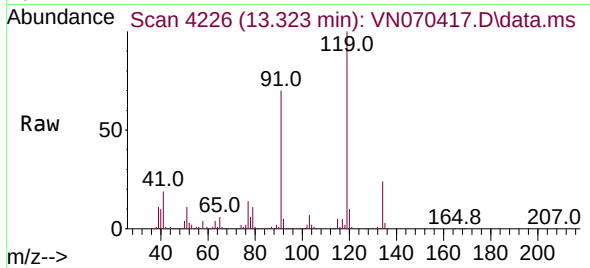
Tgt Ion: 91 Resp: 551798
Ion Ratio Lower Upper
91 100
126 31.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.275 ug/l
RT: 13.323 min Scan# 4225
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

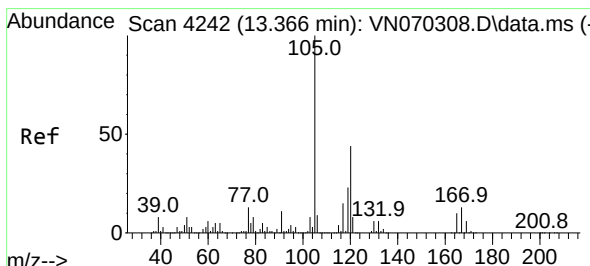
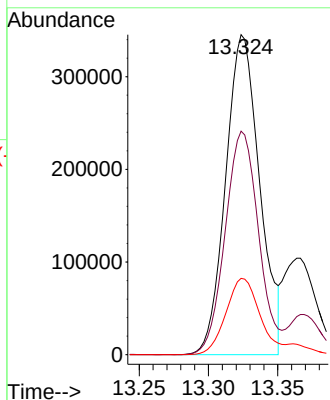
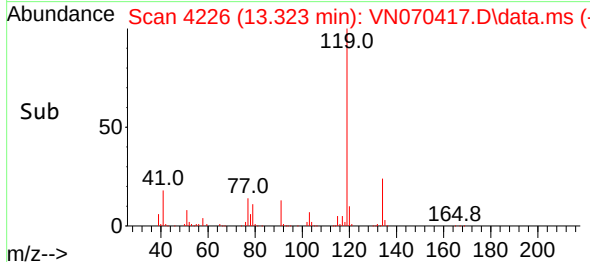
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



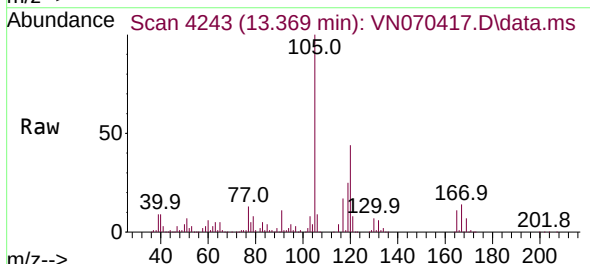
Tgt Ion:119 Resp: 591394
Ion Ratio Lower Upper
119 100
91 68.9 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
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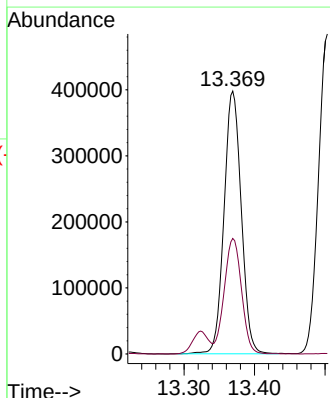
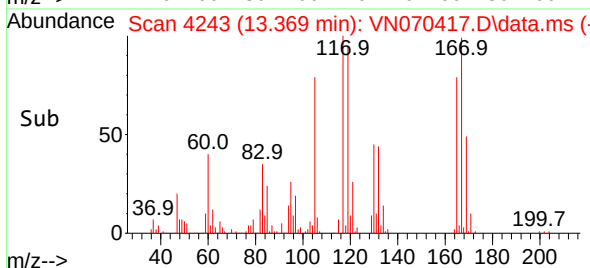
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

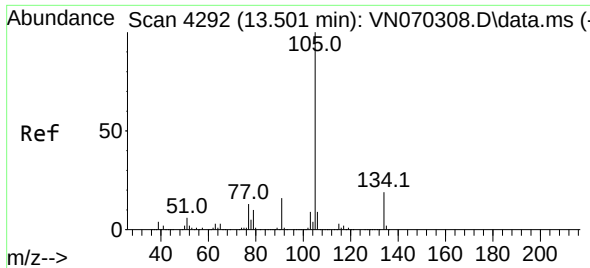


#84
1,2,4-Trimethylbenzene
Concen: 18.050 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion:105 Resp: 675760
Ion Ratio Lower Upper
105 100
120 44.1 22.8 68.4





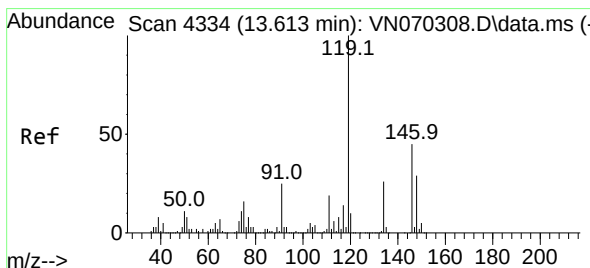
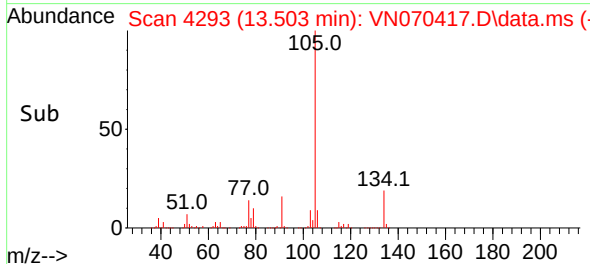
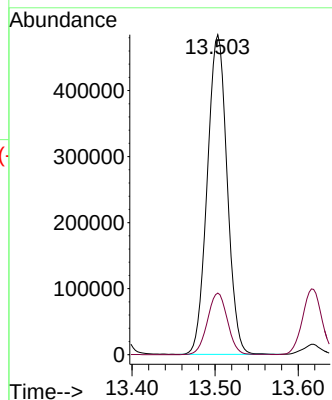
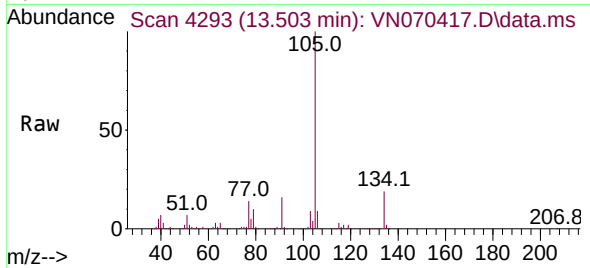
#85
 sec-Butylbenzene
 Concen: 17.266 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.002 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1230MBS02

Tgt Ion:105 Resp: 80248
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

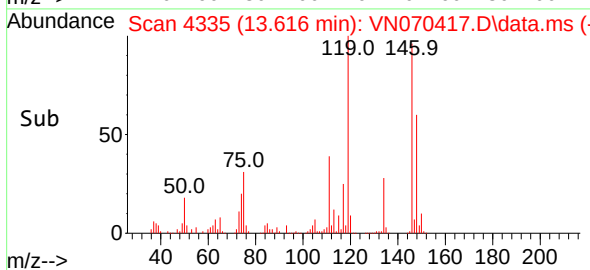
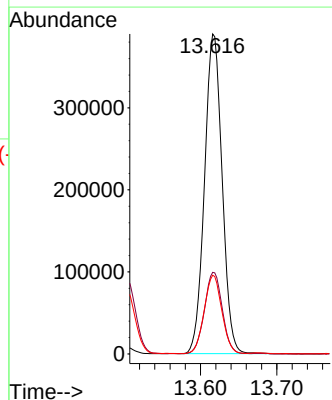
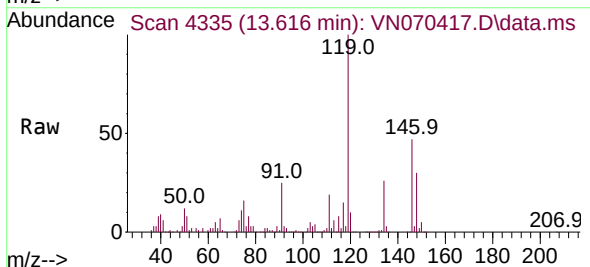
Manual Integrations
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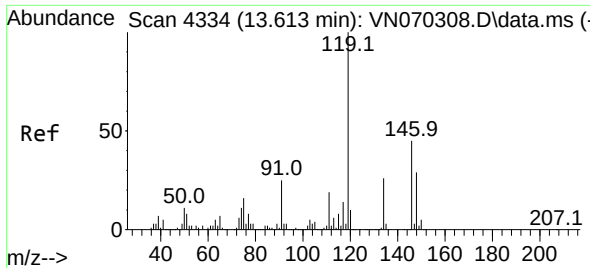
Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022



#86
 p-Isopropyltoluene
 Concen: 17.100 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070417.D
 Acq: 31 Dec 2021 00:05

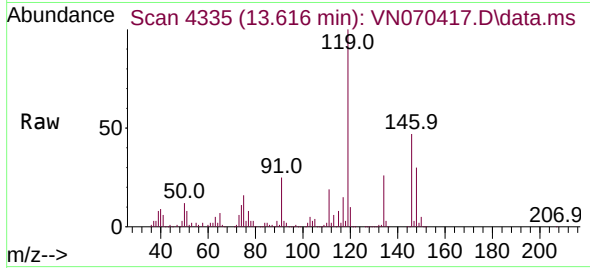
Tgt Ion:119 Resp: 624334
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.6 40.7
 91 24.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.289 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

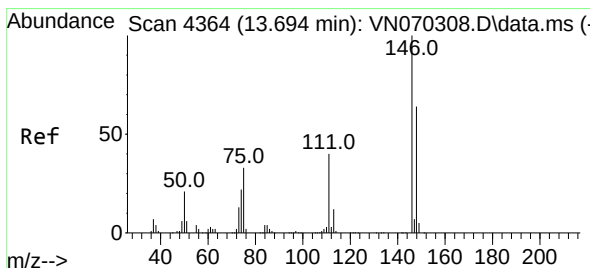
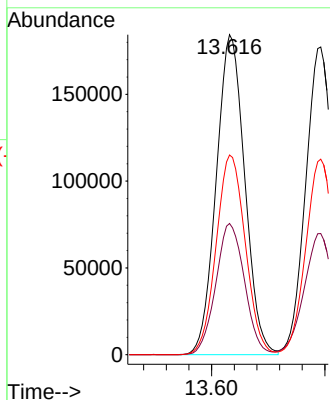
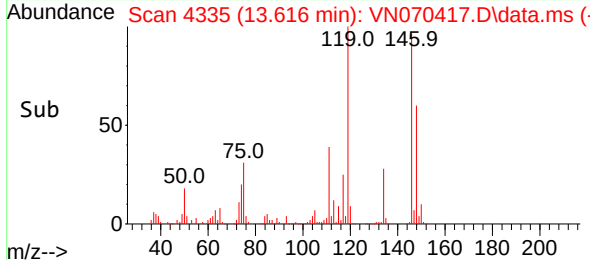
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



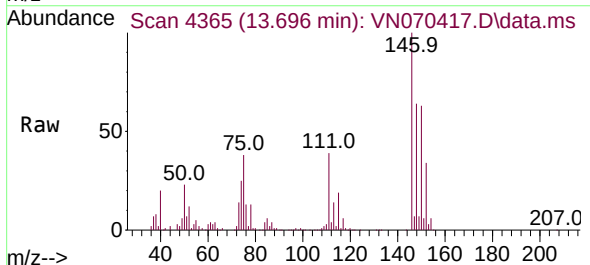
Tgt Ion:146 Resp: 32236
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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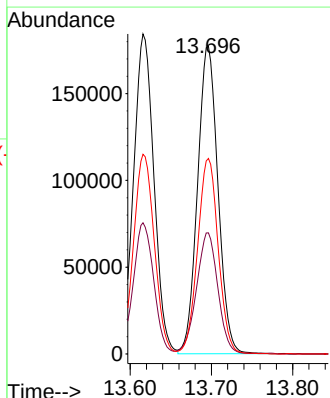
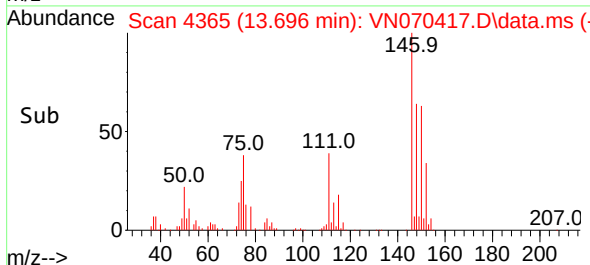
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

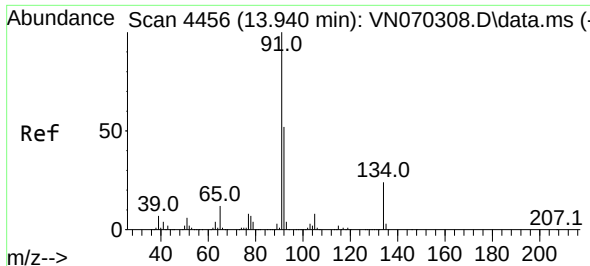


#88
1,4-Dichlorobenzene
Concen: 16.840 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion:146 Resp: 309736
Ion Ratio Lower Upper
146 100
111 41.1 18.3 54.8
148 64.4 31.8 95.4





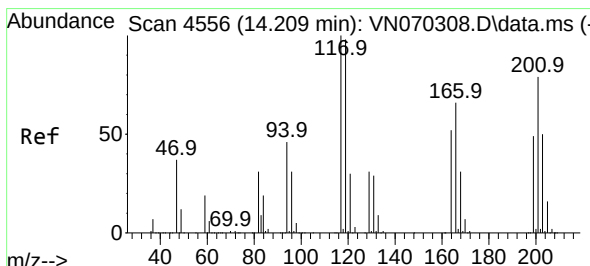
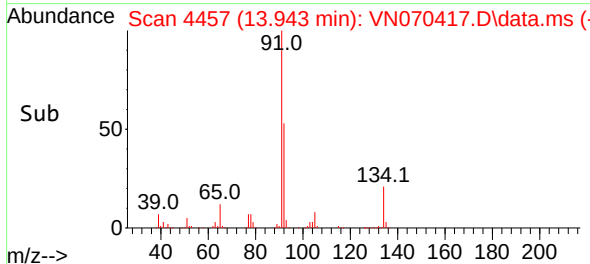
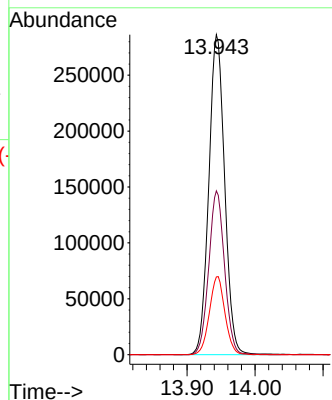
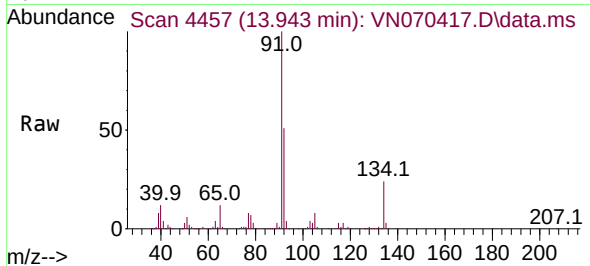
#89
n-Butylbenzene
Concen: 15.228 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion: 91 Resp: 46373
Ion Ratio Lower Upper
91 100
92 51.0 25.4 76.0
134 24.0 13.6 40.8

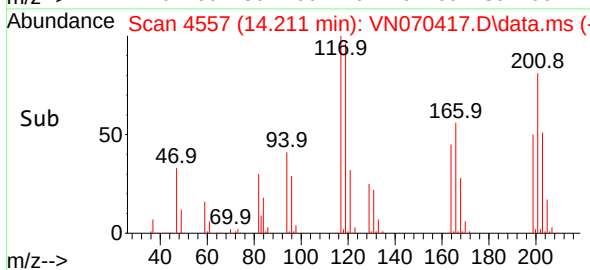
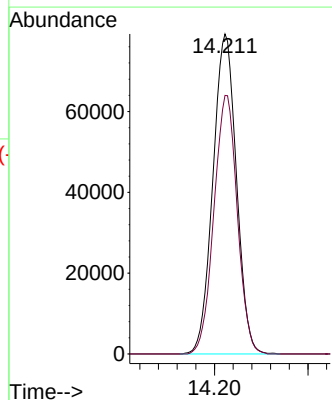
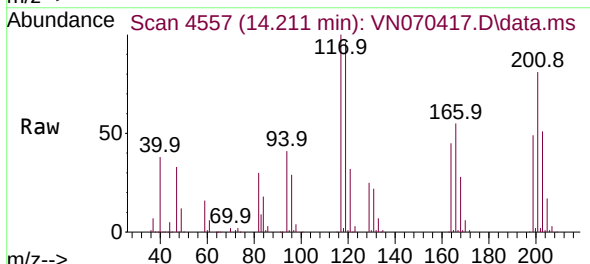
Manual Integrations
APPROVED

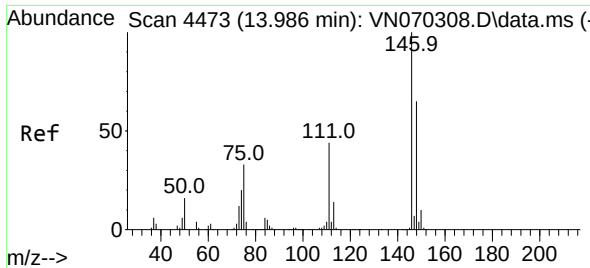
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#90
Hexachloroethane
Concen: 21.838 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Tgt Ion:117 Resp: 138514
Ion Ratio Lower Upper
117 100
201 80.3 43.9 131.6





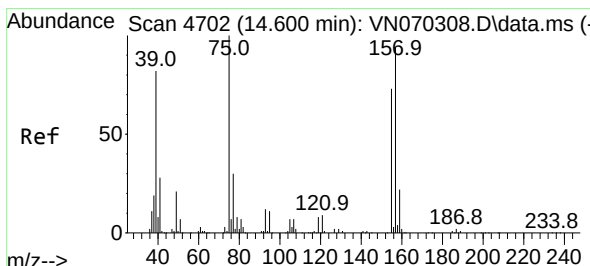
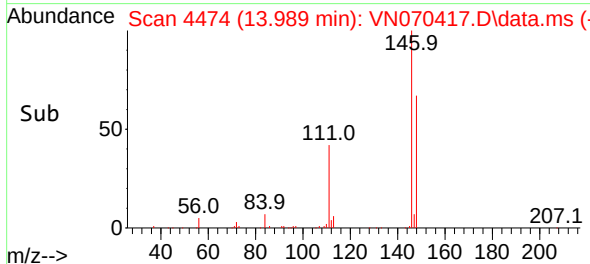
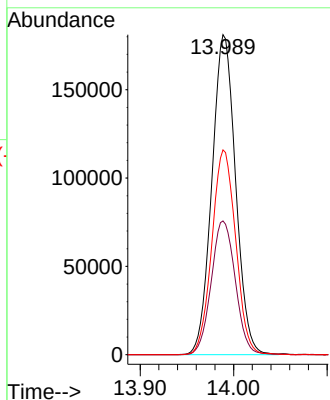
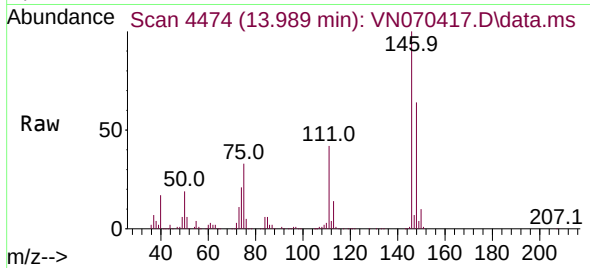
#91
1,2-Dichlorobenzene
Concen: 17.496 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02

Tgt Ion:146 Resp: 319820
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.3 32.1 96.3

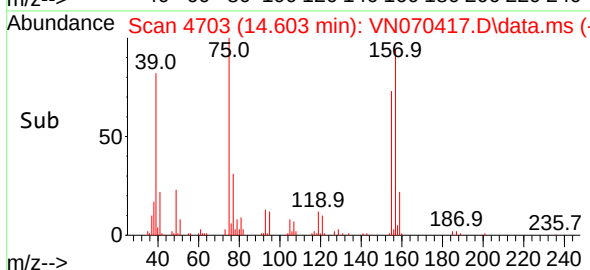
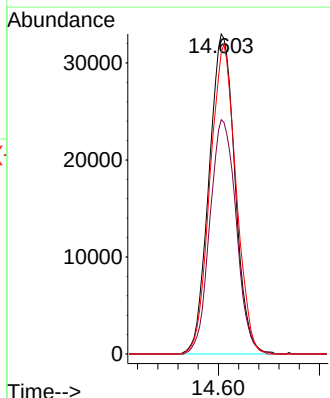
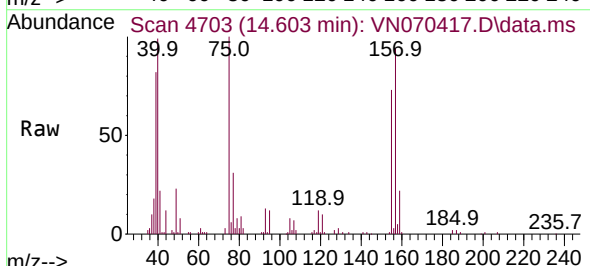
Manual Integrations
APPROVED

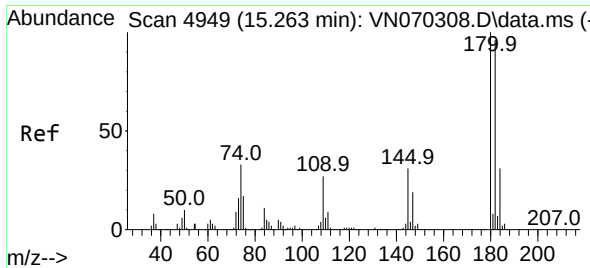
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.866 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

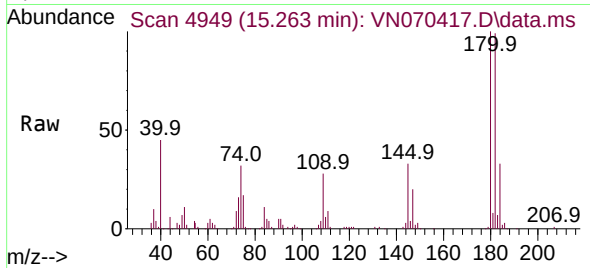
Tgt Ion: 75 Resp: 58643
Ion Ratio Lower Upper
75 100
155 74.3 46.9 140.7
157 96.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.001 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

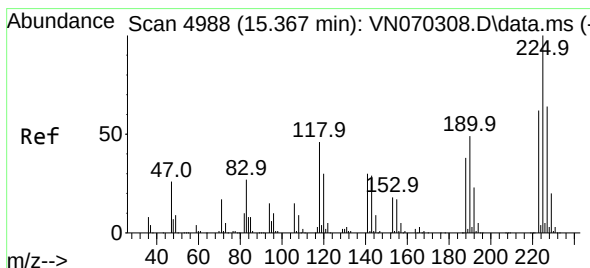
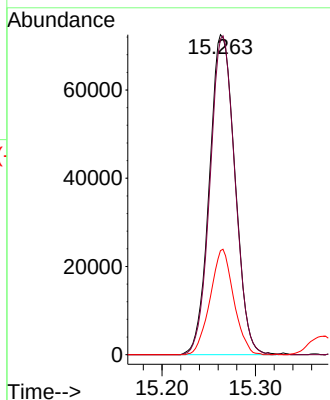
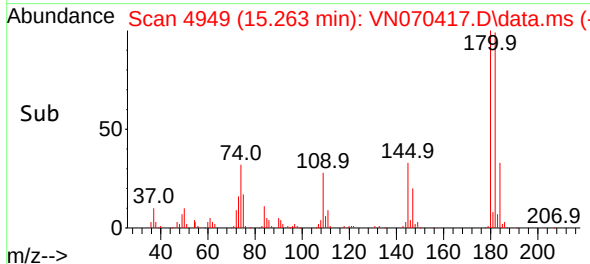
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



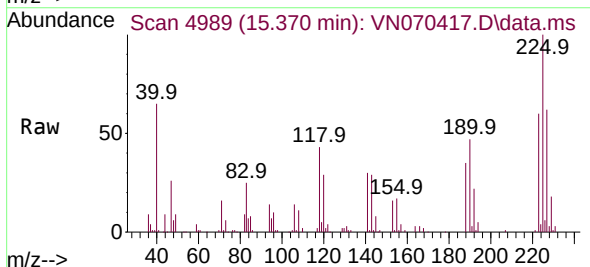
Tgt Ion:180 Resp: 13781
Ion Ratio Lower Upper
180 100
182 97.1 48.3 144.9
145 30.4 14.5 43.5

Manual Integrations
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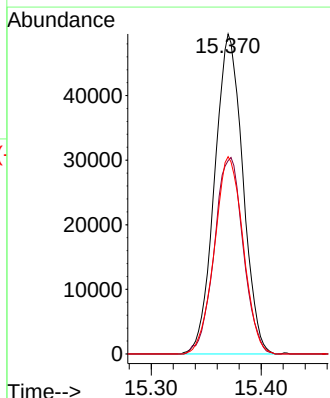
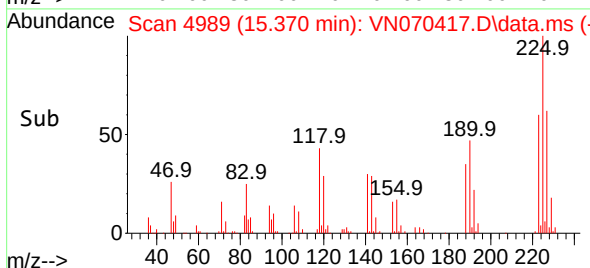
Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022

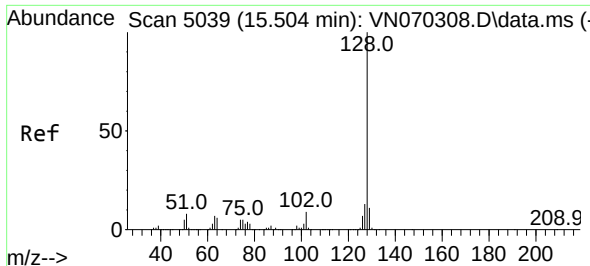


#94
Hexachlorobutadiene
Concen: 17.576 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



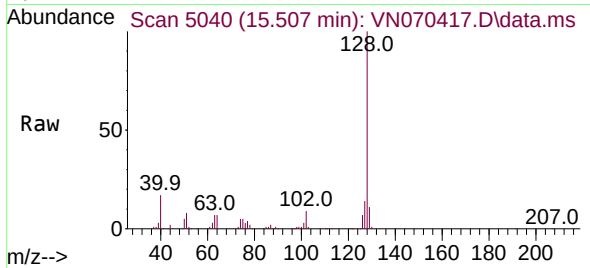
Tgt Ion:225 Resp: 87980
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 63.0 32.1 96.3





#95
Naphthalene
Concen: 16.742 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05

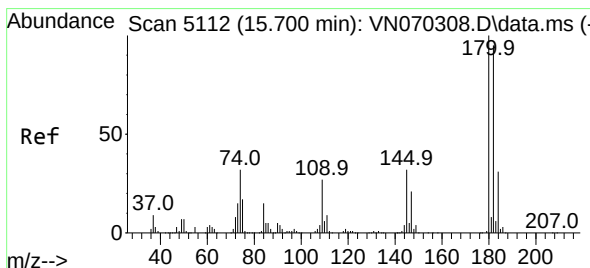
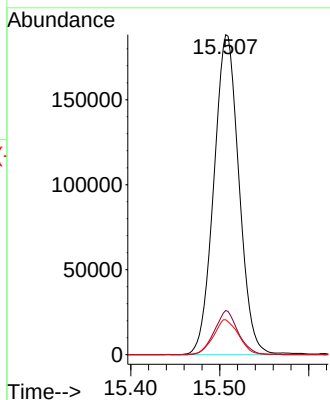
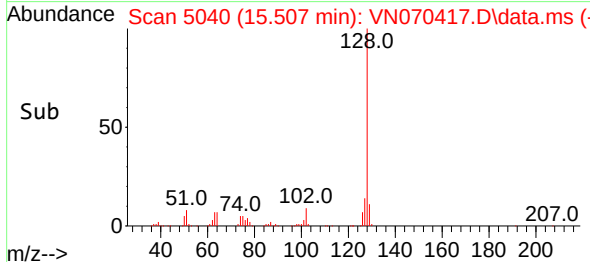
Instrument :
MSVOA_N
ClientSampleId :
VN1230MBS02



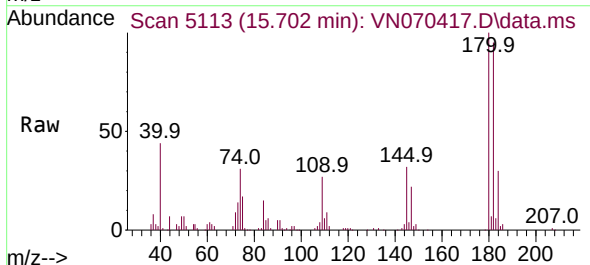
Tgt Ion:128 Resp: 369004
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Amit Patel 01/03/2022
Supervised By :mohammad ahmed 01/03/2022



#96
1,2,3-Trichlorobenzene
Concen: 17.407 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.002 min
Lab File: VN070417.D
Acq: 31 Dec 2021 00:05



Tgt Ion:180 Resp: 138894
Ion Ratio Lower Upper
180 100
182 96.4 47.4 142.2
145 32.4 15.0 45.1

