

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071187.D
 Acq On : 08 Mar 2022 13:53
 Operator : JC\MD
 Sample : VN0308MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/09/2022
 Supervised By : Mahesh Dadoda 03/09/2022

Quant Time: Mar 09 04:01:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	615516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	991976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	906358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	355397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	409755	48.573	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.140%		
35) Dibromofluoromethane	8.016	113	302556	48.334	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.660%		
50) Toluene-d8	10.439	98	1211518	48.069	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.140%		
62) 4-Bromofluorobenzene	12.727	95	399379	46.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	122619	18.177	ug/l	99
3) Chloromethane	2.299	50	171587	18.925	ug/l	98
4) Vinyl Chloride	2.446	62	152608	18.460	ug/l	100
5) Bromomethane	2.852	94	92112	21.552	ug/l	99
6) Chloroethane	3.016	64	104815	20.936	ug/l	94
7) Trichlorofluoromethane	3.375	101	207624	19.081	ug/l	97
8) Diethyl Ether	3.822	74	90847	19.510	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	119327	18.943	ug/l	96
10) Methyl Iodide	4.422	142	163910	18.423	ug/l	98
11) Tert butyl alcohol	5.357	59	151280	91.287	ug/l	98
12) 1,1-Dichloroethene	4.187	96	112182	18.180	ug/l	98
13) Acrolein	4.046	56	133372	76.036	ug/l	98
14) Allyl chloride	4.846	41	245816	18.315	ug/l	87
15) Acrylonitrile	5.551	53	446709	90.781	ug/l	99
16) Acetone	4.281	43	368255	89.717	ug/l	95
17) Carbon Disulfide	4.534	76	314224	17.886	ug/l	98
18) Methyl Acetate	4.851	43	214508	19.746	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	448233	19.347	ug/l	95
20) Methylene Chloride	5.093	84	146935	19.819	ug/l	92
21) trans-1,2-Dichloroethene	5.598	96	127793	18.933	ug/l	92
22) Diisopropyl ether	6.492	45	517745	19.581	ug/l	94
23) Vinyl Acetate	6.428	43	2188375	97.763	ug/l	99
24) 1,1-Dichloroethane	6.381	63	266343	19.063	ug/l	98
25) 2-Butanone	7.328	43	598041	90.447	ug/l	97
26) 2,2-Dichloropropane	7.322	77	202897	18.823	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	150930	18.841	ug/l	90
28) Bromochloromethane	7.657	49	121071	19.459	ug/l	82
29) Tetrahydrofuran	7.681	42	423398	92.431	ug/l	91
30) Chloroform	7.810	83	254439	19.094	ug/l	100
31) Cyclohexane	8.092	56	257291	19.099	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	216953	19.113	ug/l	98
36) 1,1-Dichloropropene	8.222	75	188808	18.825	ug/l	96
37) Ethyl Acetate	7.410	43	256080	18.553	ug/l	97
38) Carbon Tetrachloride	8.198	117	183914	18.958	ug/l	99
39) Methylcyclohexane	9.457	83	230837	19.565	ug/l	96
40) Benzene	8.457	78	583691	19.316	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	116063	17.182	ug/l	94
42) 1,2-Dichloroethane	8.528	62	208303	19.809	ug/l	99
43) Isopropyl Acetate	8.557	43	371721	18.009	ug/l	98
44) Trichloroethene	9.216	130	138411	19.413	ug/l	98
45) 1,2-Dichloropropane	9.486	63	154873	19.092	ug/l	98
46) Dibromomethane	9.575	93	98263	19.681	ug/l	96
47) Bromodichloromethane	9.757	83	196224	19.448	ug/l	97
48) Methyl methacrylate	9.557	41	164164	17.162	ug/l #	89
49) 1,4-Dioxane	9.563	88	65255	392.467	ug/l	87
51) 4-Methyl-2-Pentanone	10.328	43	1196797	93.427	ug/l	100
52) Toluene	10.504	92	360759	19.388	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	213550	19.200	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	235279	19.360	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	143295	19.218	ug/l	98
56) Ethyl methacrylate	10.757	69	231497	19.012	ug/l #	91
57) 1,3-Dichloropropane	11.039	76	253868	18.969	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	154604	81.563	ug/l	95
59) 2-Hexanone	11.080	43	827040	94.623	ug/l	100
60) Dibromochloromethane	11.233	129	145602	19.653	ug/l	100
61) 1,2-Dibromoethane	11.339	107	144159	18.917	ug/l	100
64) Tetrachloroethene	10.975	164	124426	19.684	ug/l	93
65) Chlorobenzene	11.763	112	372140	19.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	137261	19.232	ug/l	98
67) Ethyl Benzene	11.839	91	665818	19.346	ug/l	97
68) m/p-Xylenes	11.951	106	502922	39.945	ug/l	99
69) o-Xylene	12.280	106	252580	20.014	ug/l	98
70) Styrene	12.292	104	385617	19.739	ug/l	97
71) Bromoform	12.451	173	104296	19.242	ug/l #	100
73) Isopropylbenzene	12.574	105	633056	18.478	ug/l	100
74) N-amyl acetate	12.386	43	224954	17.463	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	222364	20.321	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	168285m	17.715	ug/l	
77) Bromobenzene	12.857	156	145868	18.259	ug/l	80
78) n-propylbenzene	12.916	91	691118	18.799	ug/l	98
79) 2-Chlorotoluene	13.004	91	436894	18.513	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	510471	19.152	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	57197	17.397	ug/l	92
82) 4-Chlorotoluene	13.104	91	405387	19.285	ug/l	95
83) tert-Butylbenzene	13.321	119	456040	19.172	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	489092	19.157	ug/l	99
85) sec-Butylbenzene	13.498	105	603333	19.083	ug/l	98
86) p-Isopropyltoluene	13.610	119	483480	19.445	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	246577	18.996	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	236712	18.656	ug/l	98
89) n-Butylbenzene	13.939	91	345609	17.771	ug/l	96
90) Hexachloroethane	14.204	117	87677	17.732	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	239265	19.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	34619	17.367	ug/l	87
93) 1,2,4-Trichlorobenzene	15.262	180	98769	18.933	ug/l	99
94) Hexachlorobutadiene	15.362	225	68267	19.486	ug/l	98
95) Naphthalene	15.504	128	224276	17.438	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	94064	18.669	ug/l	97

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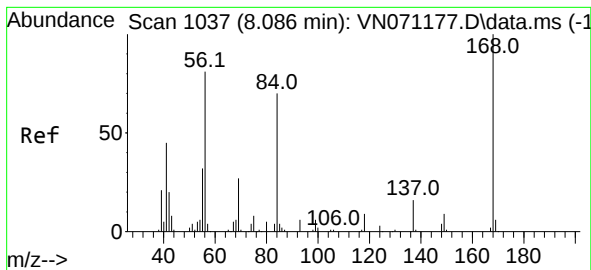
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

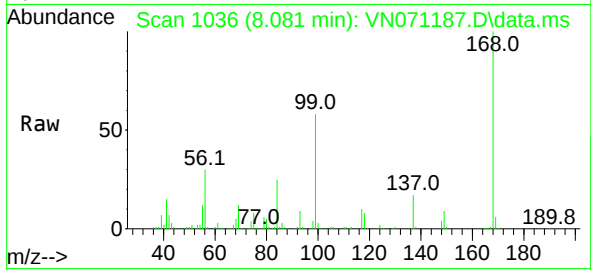
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

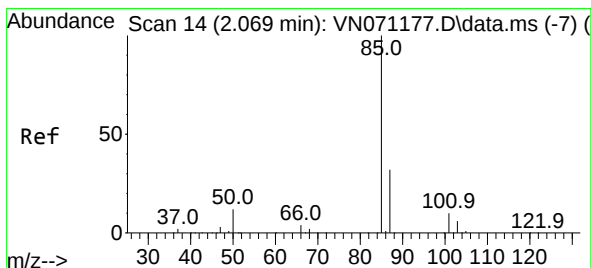
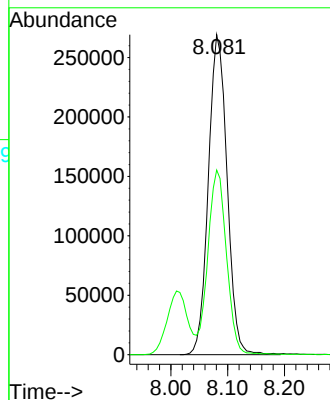
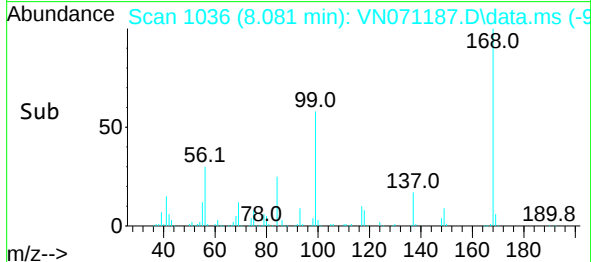
Instrument :
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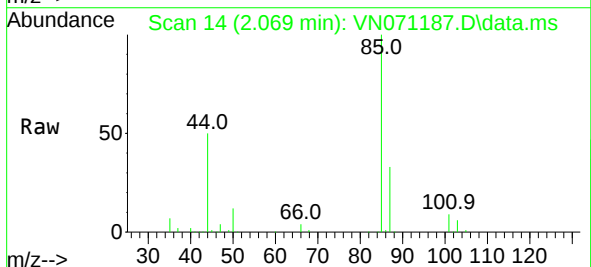
Tgt Ion:168 Resp: 615510
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9

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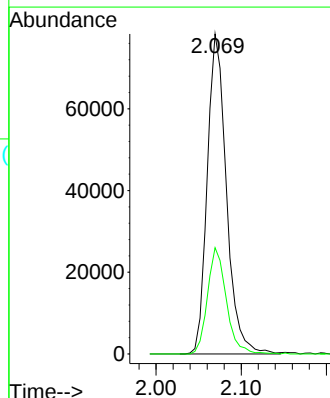
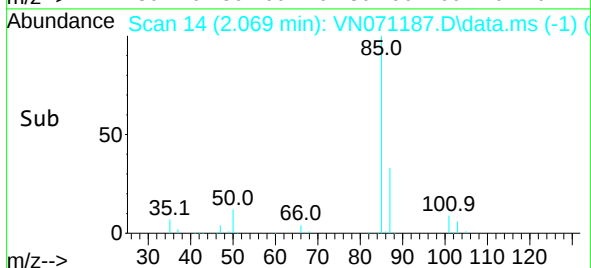
Reviewed By :John Carlone 03/09/2022
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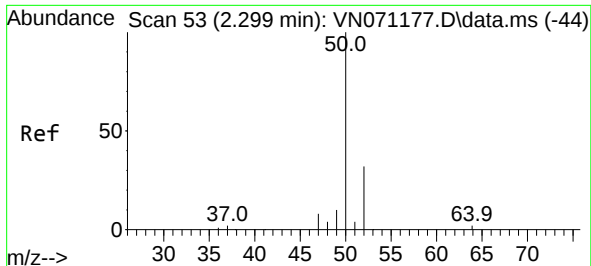


#2
Dichlorodifluoromethane
Concen: 18.177 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion: 85 Resp: 122619
Ion Ratio Lower Upper
85 100
87 33.2 16.3 48.9





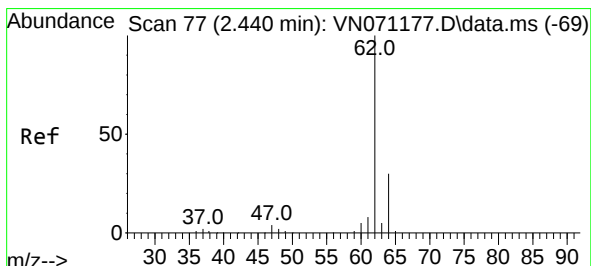
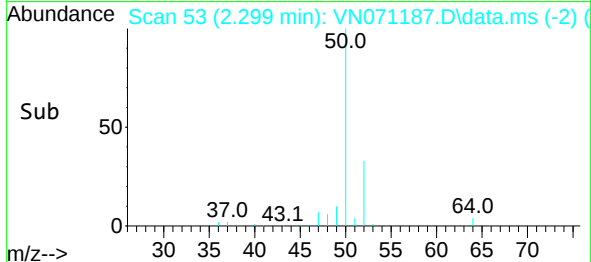
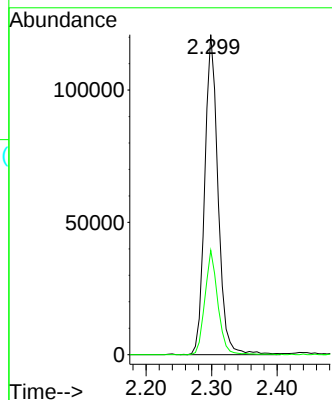
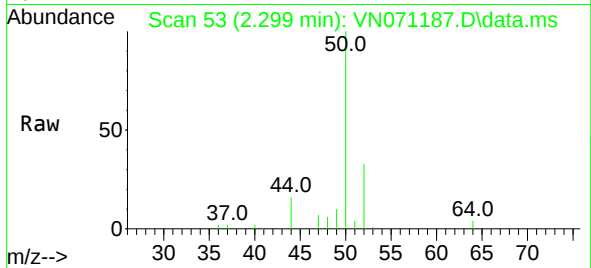
#3
Chloromethane
Concen: 18.925 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

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Tgt Ion: 50 Resp: 17158
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

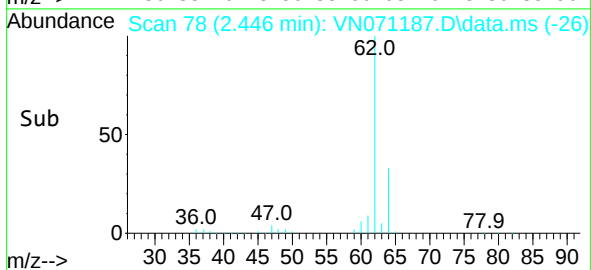
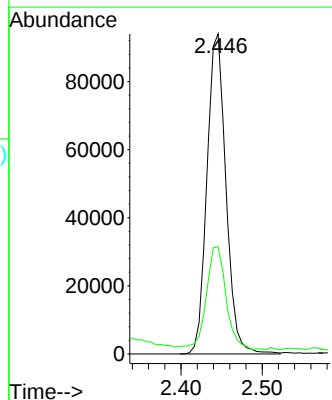
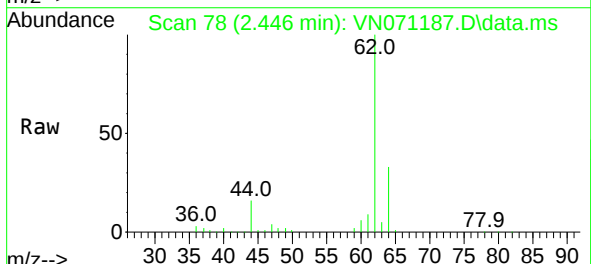
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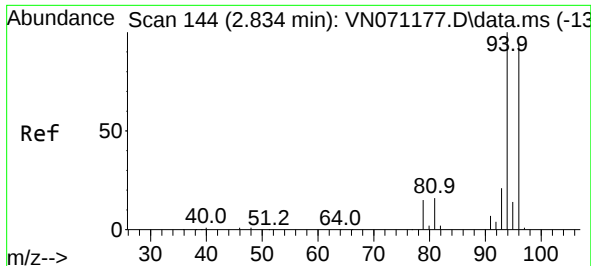
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#4
Vinyl Chloride
Concen: 18.460 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 62 Resp: 152608
Ion Ratio Lower Upper
62 100
64 32.2 25.8 38.6





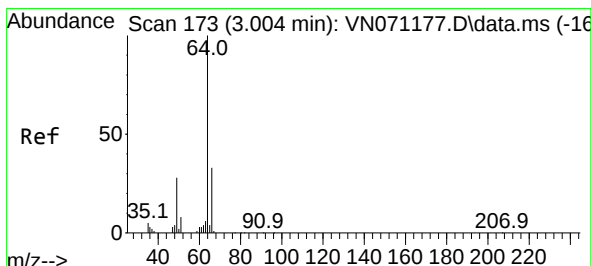
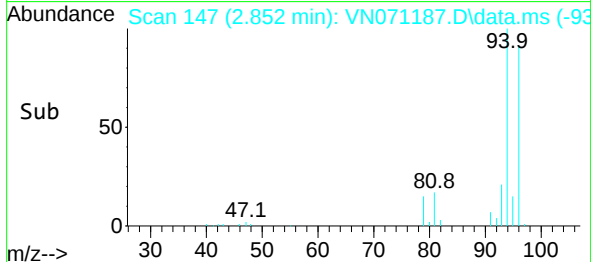
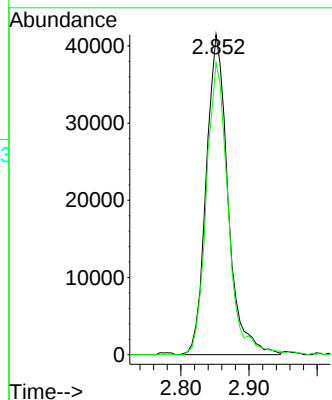
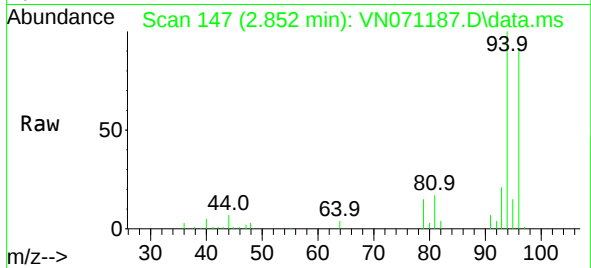
#5
Bromomethane
Concen: 21.552 ug/l
RT: 2.852 min Scan# 144
Delta R.T. 0.018 min
Lab File: VN071187.D
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Tgt Ion: 94 Resp: 92112
Ion Ratio Lower Upper
94 100
96 91.2 73.8 110.8

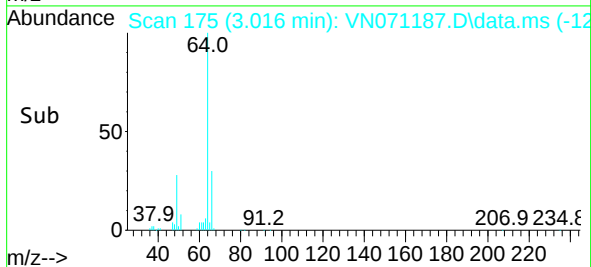
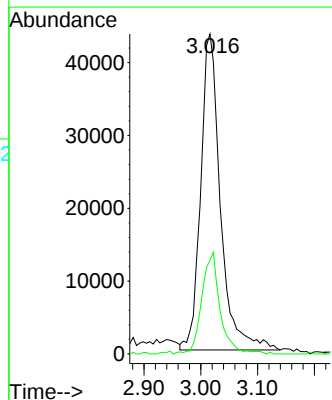
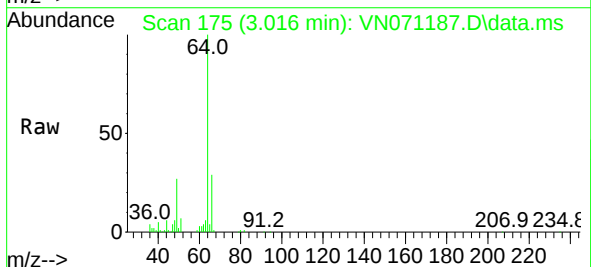
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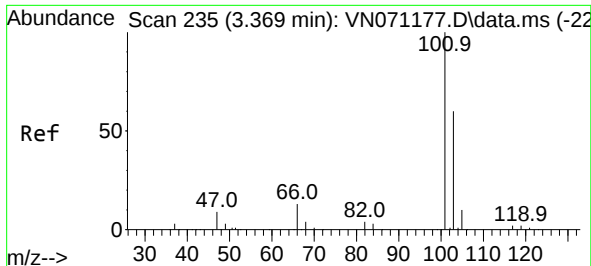
Reviewed By :John Carlone 03/09/2022
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#6
Chloroethane
Concen: 20.936 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN071187.D
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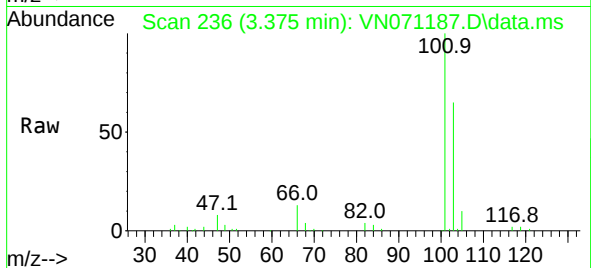
Tgt Ion: 64 Resp: 104815
Ion Ratio Lower Upper
64 100
66 29.7 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 19.081 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

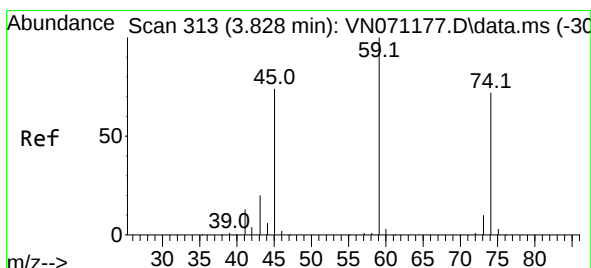
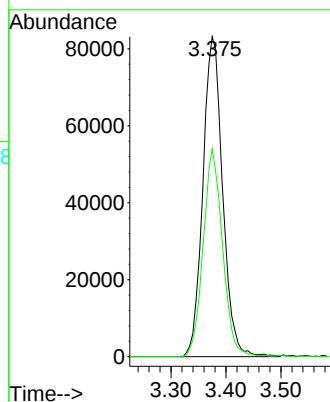
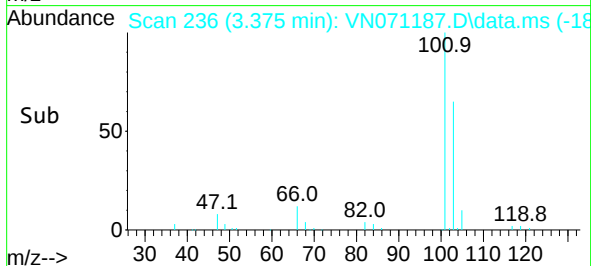
Instrument :
 MSVOA_N
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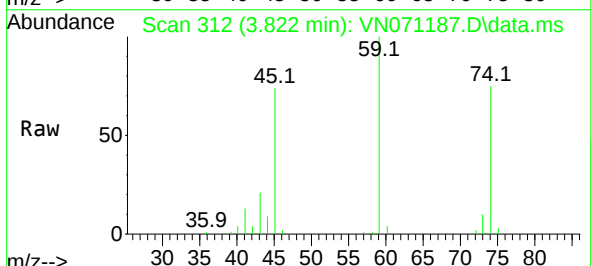
Tgt Ion:101 Resp: 207624
 Ion Ratio Lower Upper
 101 100
 103 64.9 50.1 75.1

Manual Integrations
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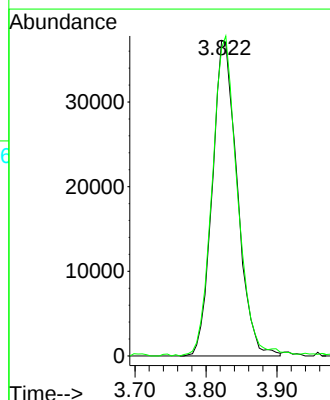
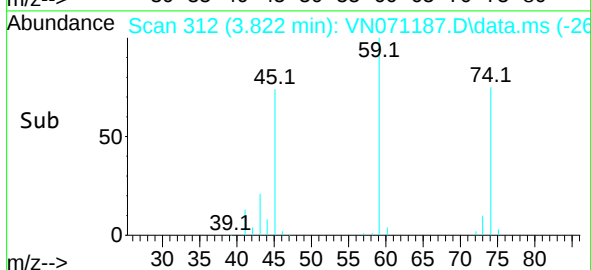
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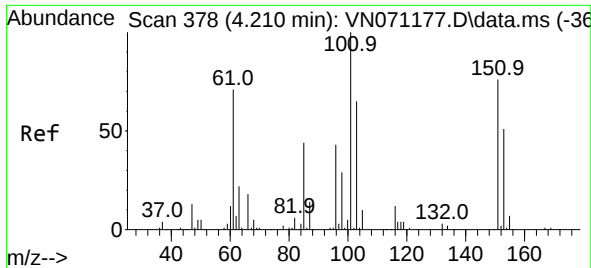


#8
 Diethyl Ether
 Concen: 19.510 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53



Tgt Ion: 74 Resp: 90847
 Ion Ratio Lower Upper
 74 100
 45 103.0 47.0 141.2





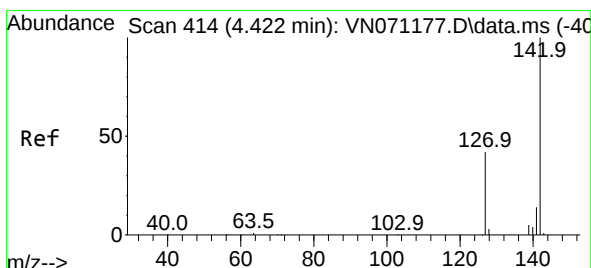
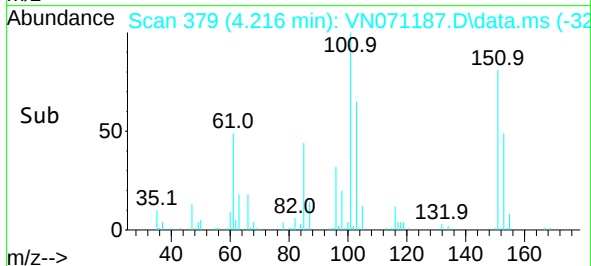
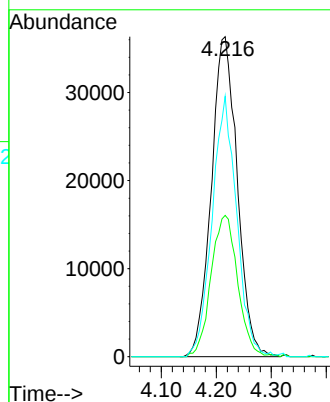
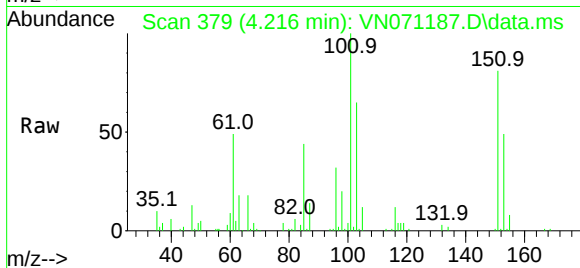
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.943 ug/l
RT: 4.216 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01

Tgt Ion:101 Resp: 11932
Ion Ratio Lower Upper
101 100
85 45.3 37.2 55.8
151 77.1 65.9 98.9

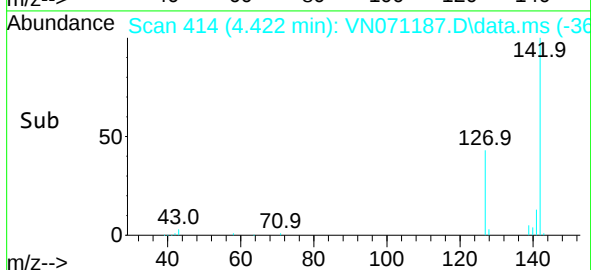
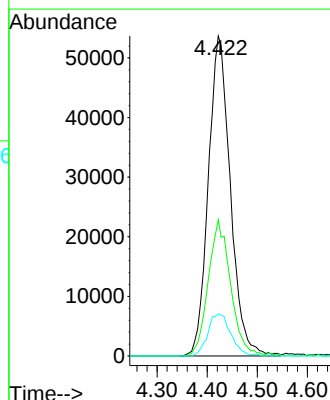
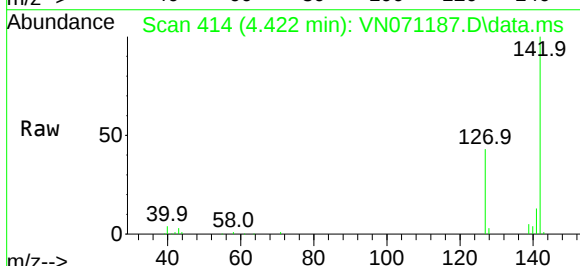
Manual Integrations
APPROVED

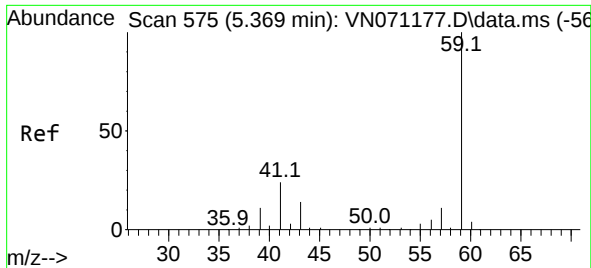
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#10
Methyl Iodide
Concen: 18.423 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Tgt Ion:142 Resp: 163910
Ion Ratio Lower Upper
142 100
127 43.0 35.4 53.0
141 13.7 11.6 17.4





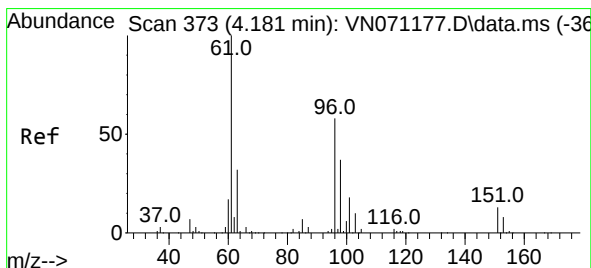
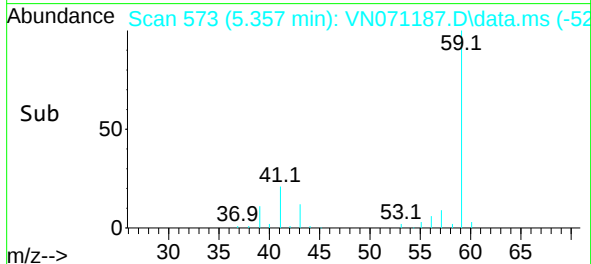
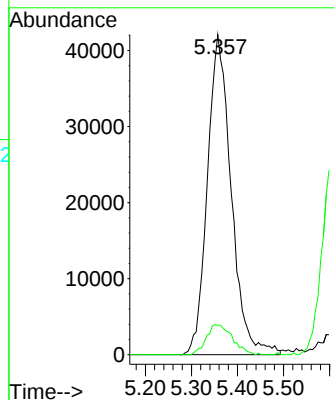
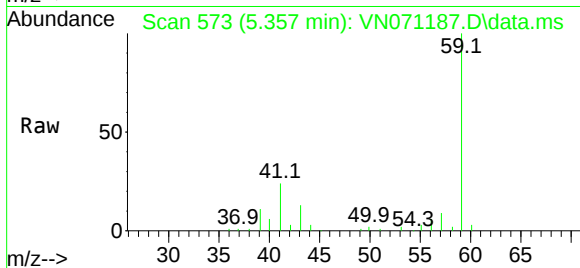
#11
Tert butyl alcohol
Concen: 91.287 ug/l
RT: 5.357 min Scan# 511
Delta R.T. -0.012 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01

Tgt Ion: 59 Resp: 151280
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

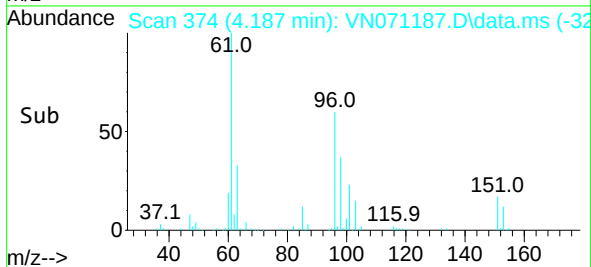
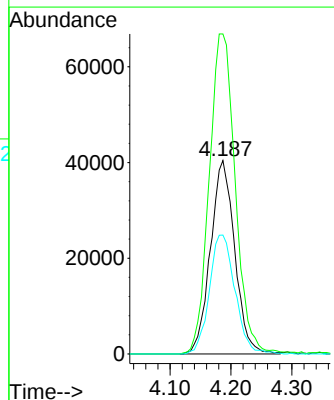
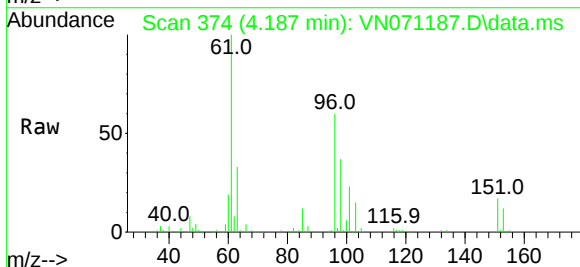
Manual Integrations
APPROVED

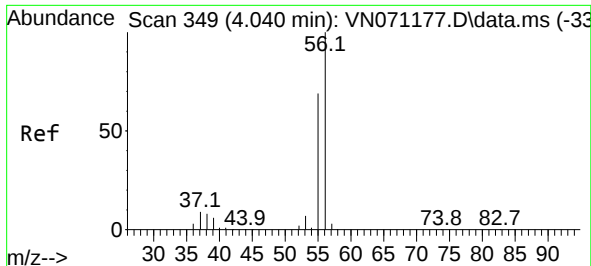
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#12
1,1-Dichloroethene
Concen: 18.180 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

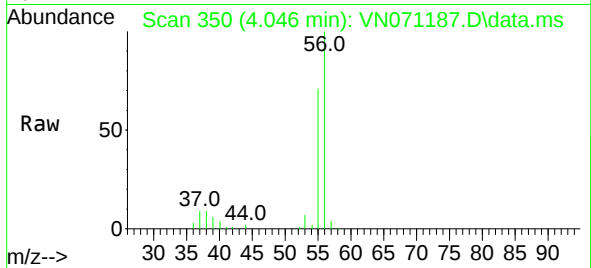
Tgt Ion: 96 Resp: 112182
Ion Ratio Lower Upper
96 100
61 165.4 131.0 196.6
98 61.5 52.4 78.6





#13
Acrolein
Concen: 76.036 ug/l
RT: 4.046 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

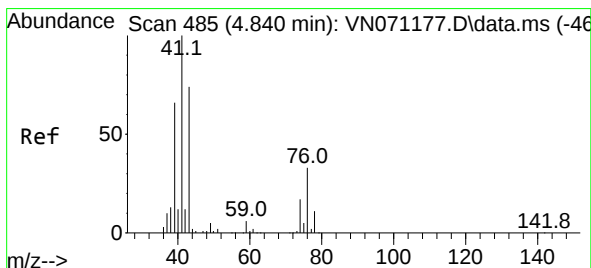
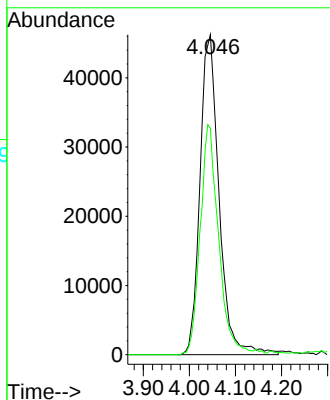
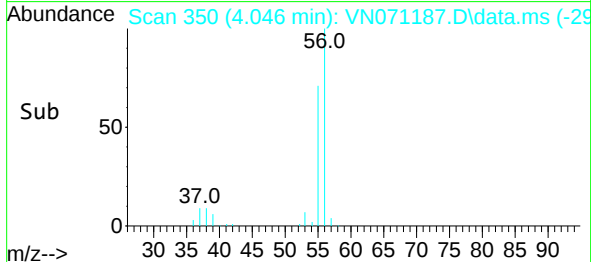
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



Tgt Ion: 56 Resp: 133372
Ion Ratio Lower Upper
56 100
55 69.4 56.6 85.0

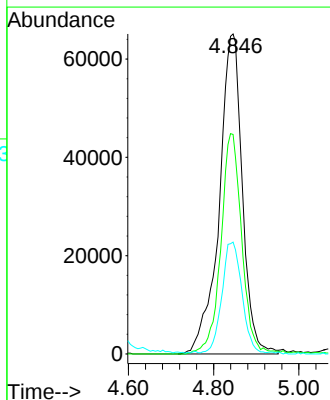
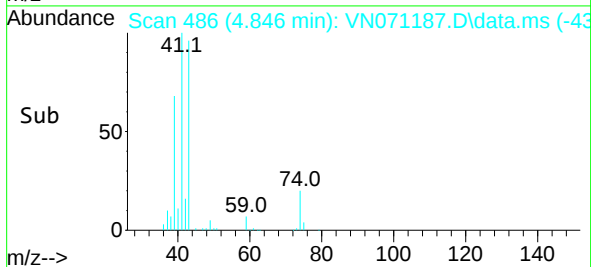
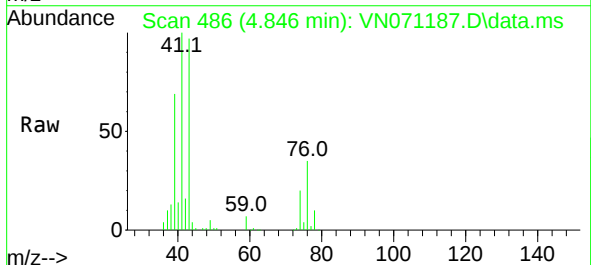
Manual Integrations
APPROVED

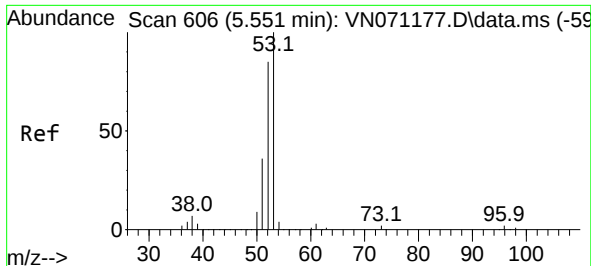
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#14
Allyl chloride
Concen: 18.315 ug/l
RT: 4.846 min Scan# 486
Delta R.T. 0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

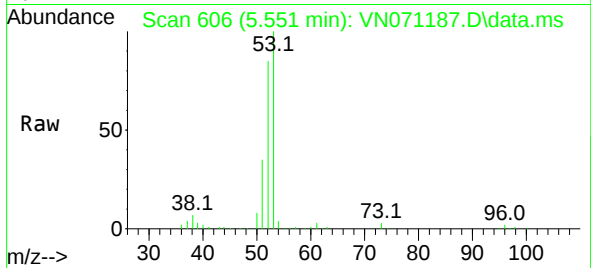
Tgt Ion: 41 Resp: 245816
Ion Ratio Lower Upper
41 100
39 62.3 61.2 91.8
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 90.781 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

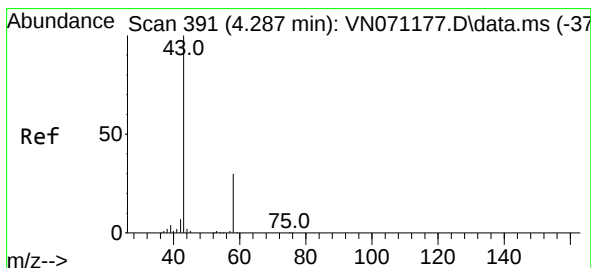
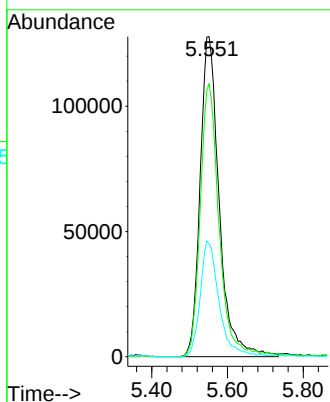
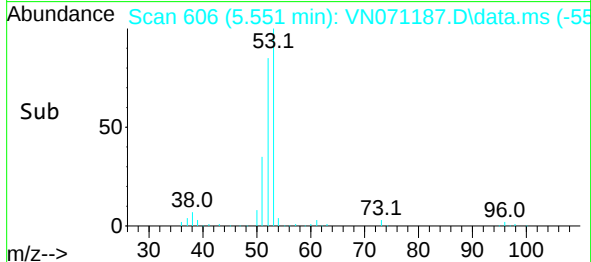
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



Tgt Ion: 53 Resp: 446709
Ion Ratio Lower Upper
53 100
52 83.2 66.2 99.2
51 35.9 29.6 44.4

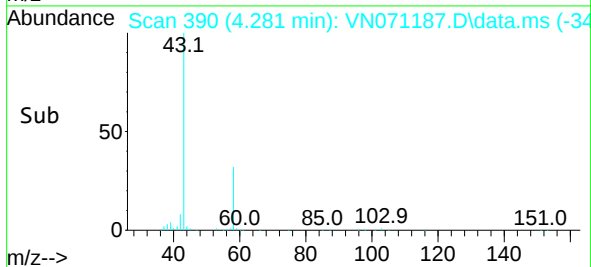
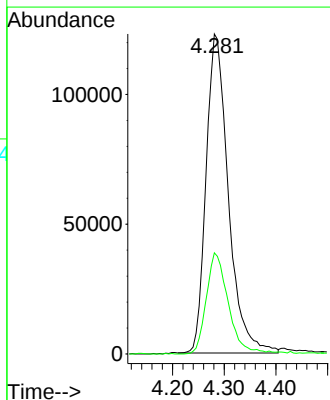
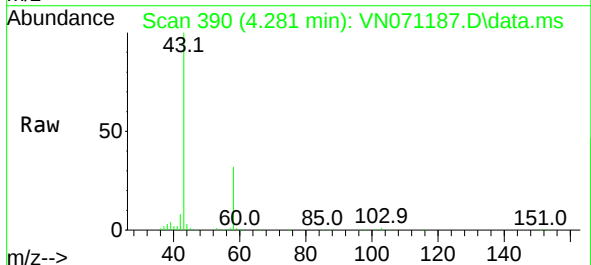
Manual Integrations
APPROVED

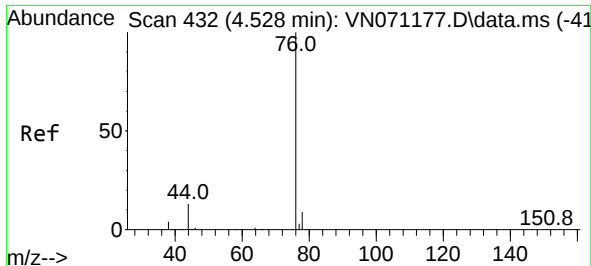
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#16
Acetone
Concen: 89.717 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 43 Resp: 368255
Ion Ratio Lower Upper
43 100
58 31.7 23.1 34.7





#17

Carbon Disulfide

Concen: 17.886 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion: 76 Resp: 314224

Ion Ratio Lower Upper

76 100

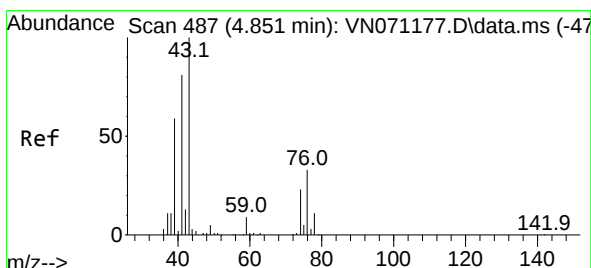
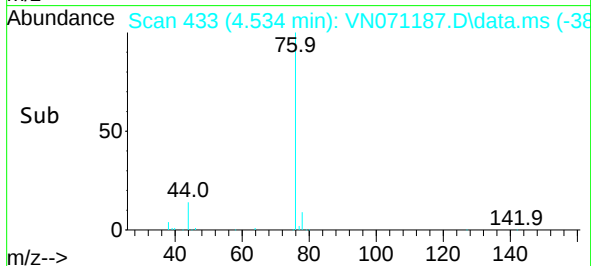
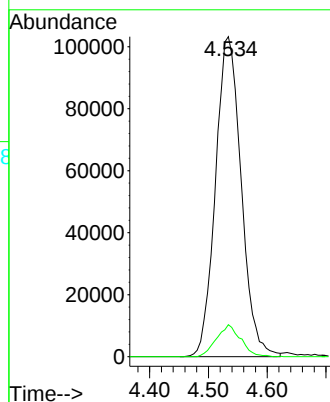
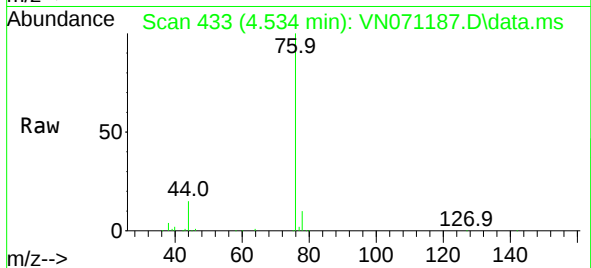
78 10.0 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#18

Methyl Acetate

Concen: 19.746 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN071187.D

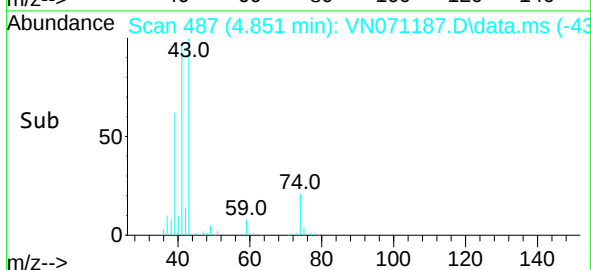
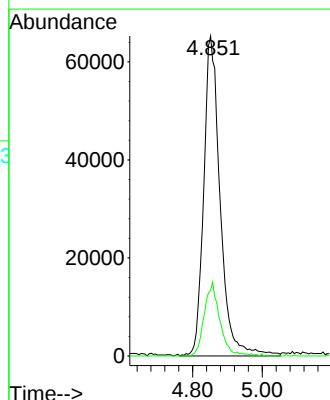
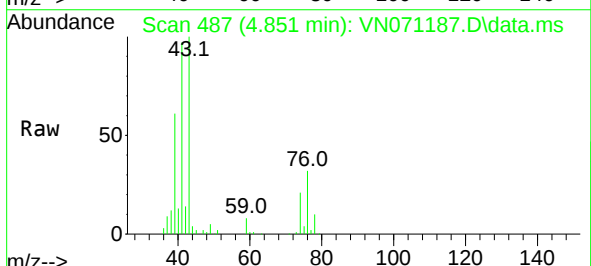
Acq: 08 Mar 2022 13:53

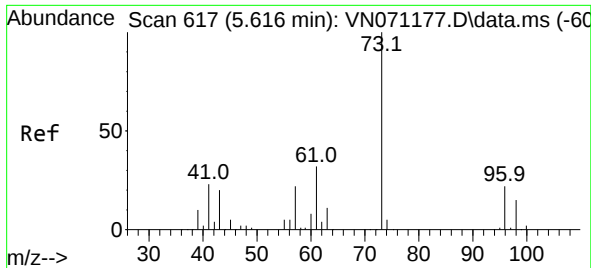
Tgt Ion: 43 Resp: 214508

Ion Ratio Lower Upper

43 100

74 21.6 19.4 29.2





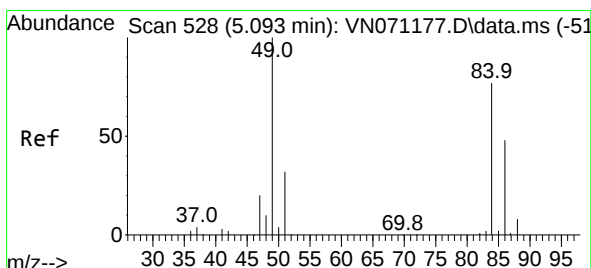
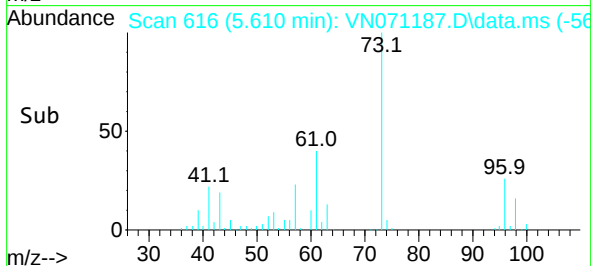
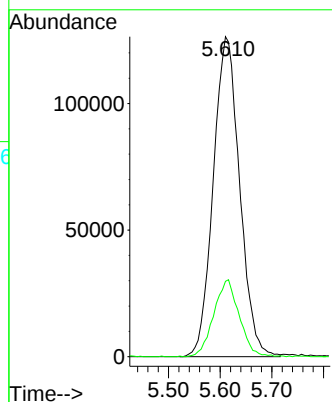
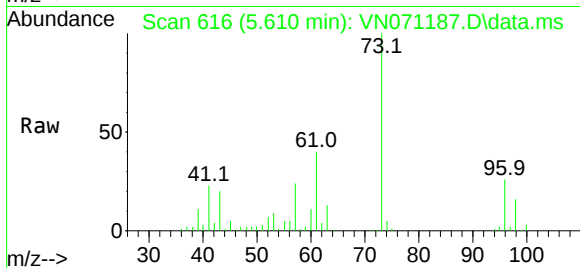
#19
Methyl tert-butyl Ether
Concen: 19.347 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01

Tgt Ion: 73 Resp: 44823
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

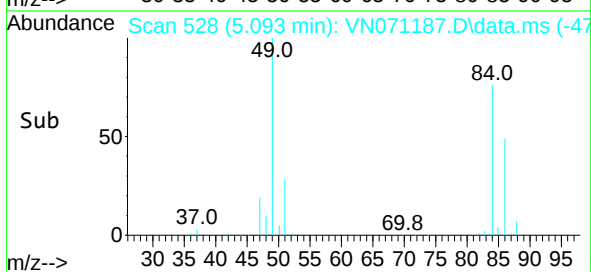
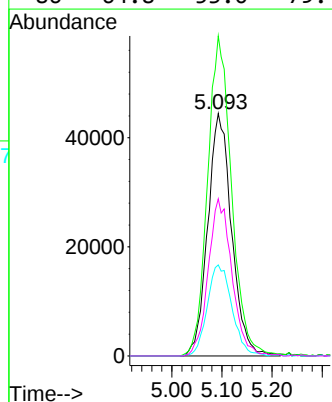
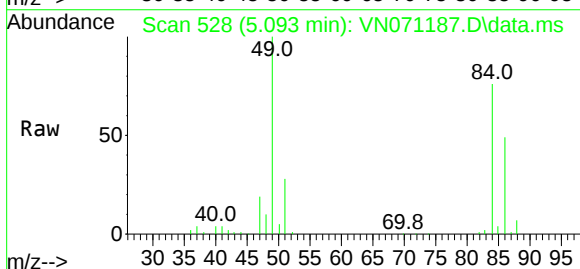
Manual Integrations
APPROVED

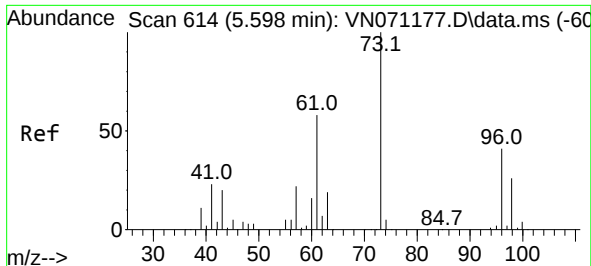
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#20
Methylene Chloride
Concen: 19.819 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

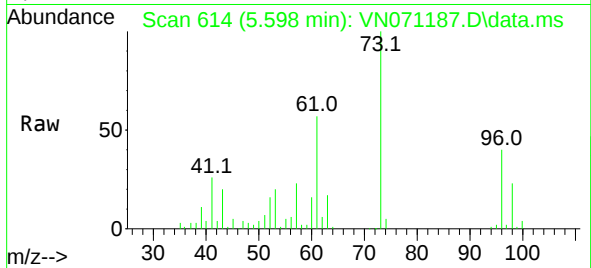
Tgt Ion: 84 Resp: 146935
Ion Ratio Lower Upper
84 100
49 132.0 93.5 140.3
51 37.5 29.4 44.2
86 64.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.933 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

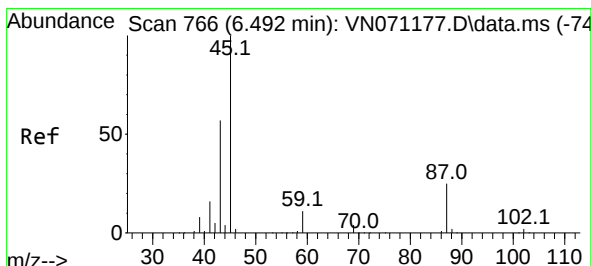
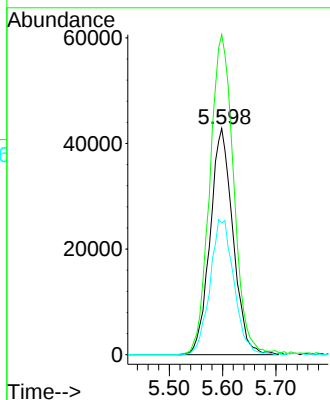
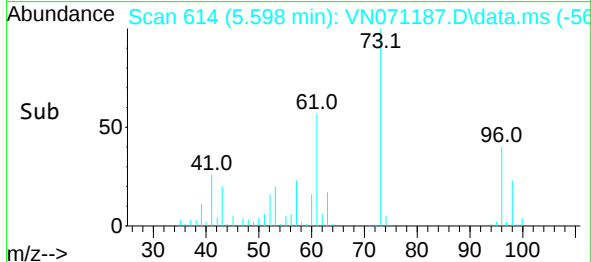
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



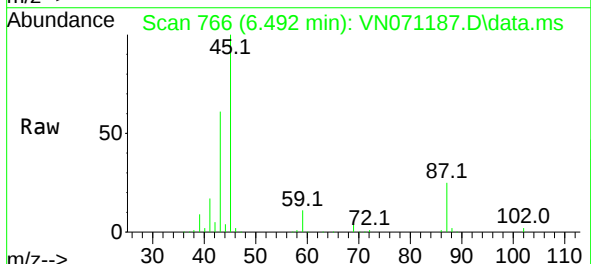
Tgt Ion: 96 Resp: 127793
Ion Ratio Lower Upper
96 100
61 141.5 105.8 158.6
98 58.2 52.0 78.0

Manual Integrations
APPROVED

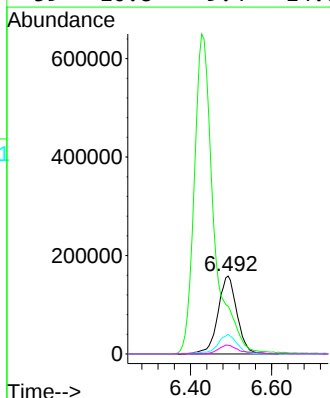
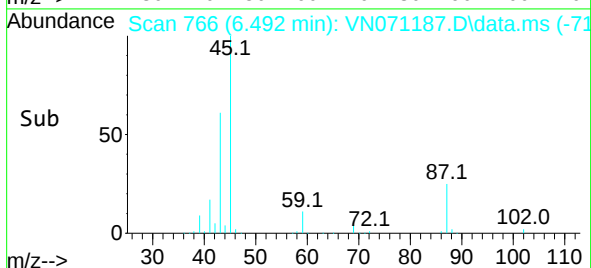
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

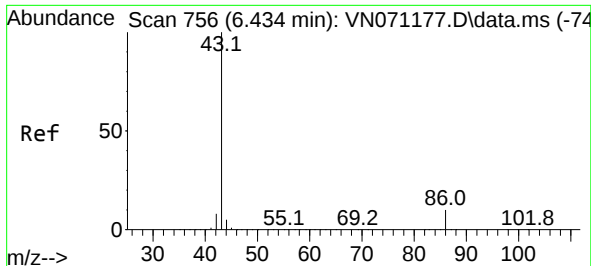


#22
Diisopropyl ether
Concen: 19.581 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion: 45 Resp: 517745
Ion Ratio Lower Upper
45 100
43 59.8 51.7 77.5
87 25.2 23.2 34.8
59 10.8 9.4 14.0





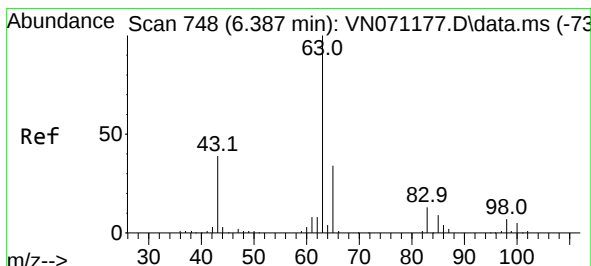
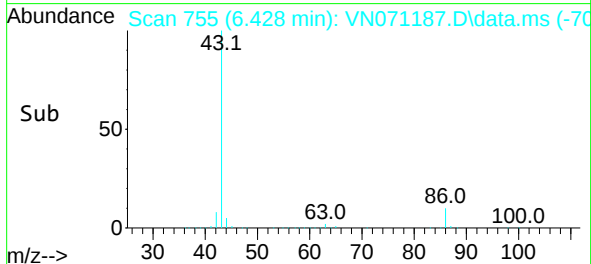
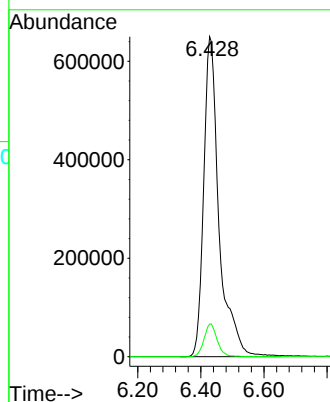
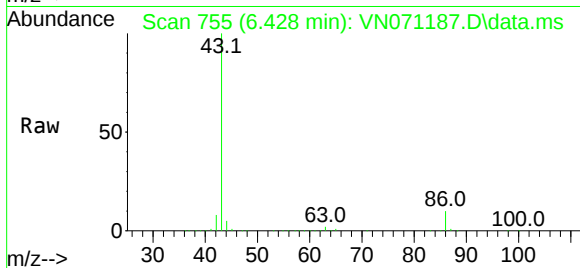
#23
 Vinyl Acetate
 Concen: 97.763 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.006 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBSD01

Tgt Ion: 43 Resp: 218837
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

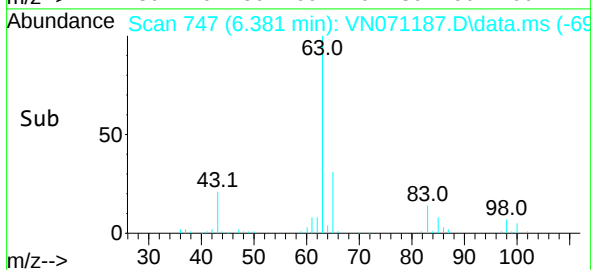
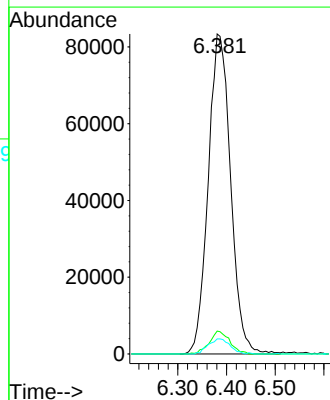
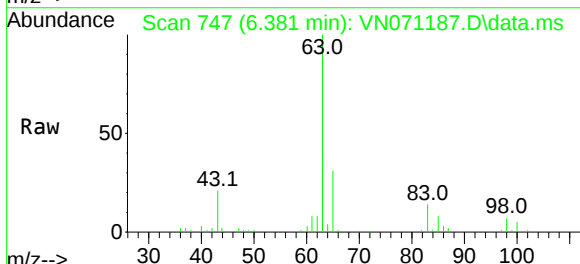
Manual Integrations
 APPROVED

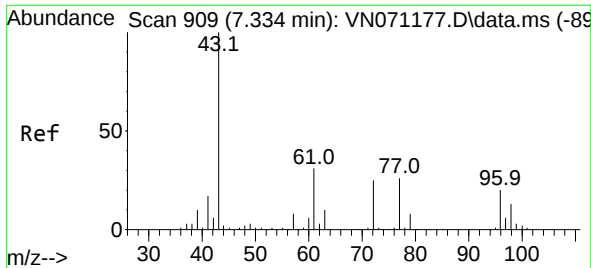
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#24
 1,1-Dichloroethane
 Concen: 19.063 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

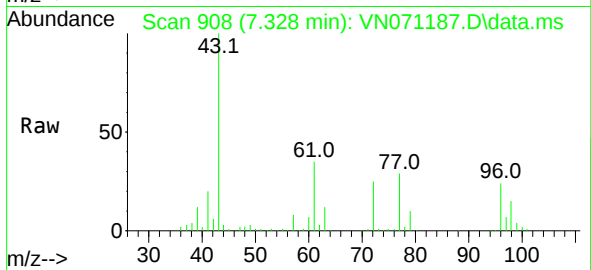
Tgt Ion: 63 Resp: 266343
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 90.447 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

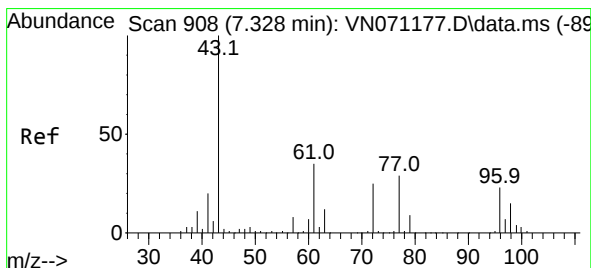
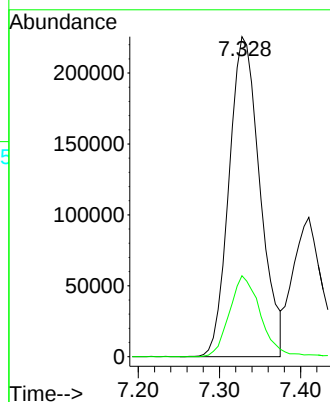
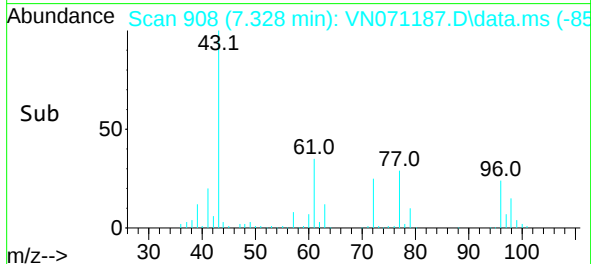
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



Tgt Ion: 43 Resp: 59804
Ion Ratio Lower Upper
43 100
72 25.3 21.7 32.5

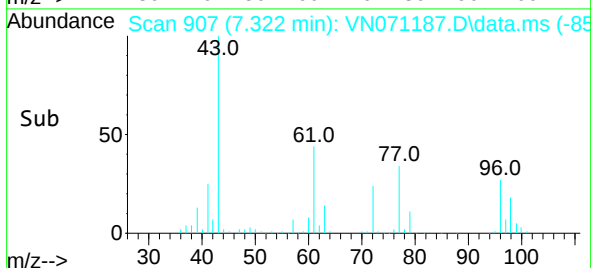
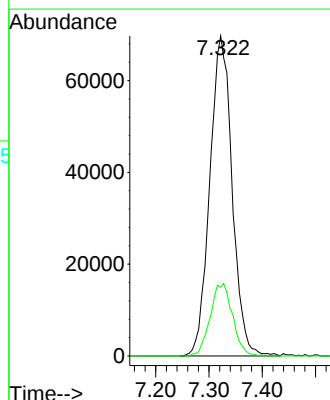
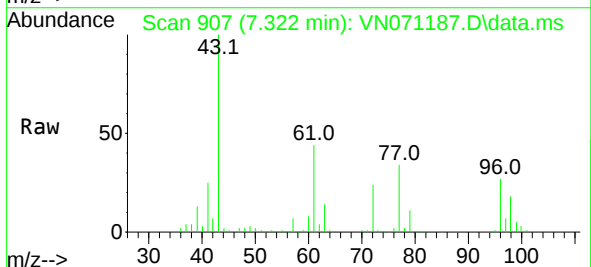
Manual Integrations
APPROVED

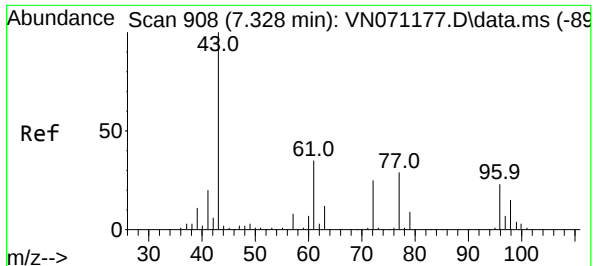
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#26
2,2-Dichloropropane
Concen: 18.823 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

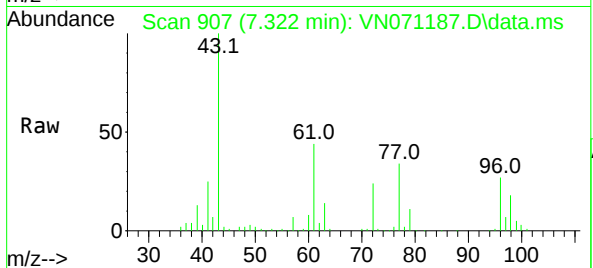
Tgt Ion: 77 Resp: 202897
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.841 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

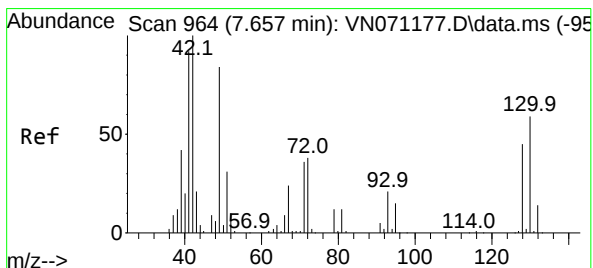
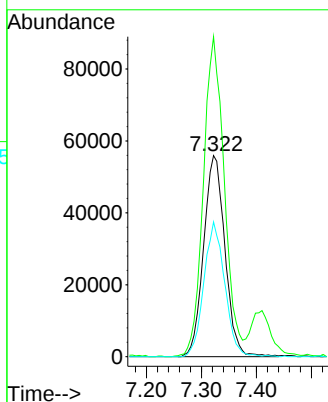
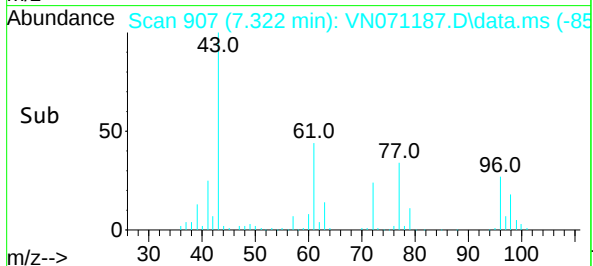
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBS01



Tgt Ion: 96 Resp: 150930
 Ion Ratio Lower Upper
 96 100
 61 155.6 0.0 275.0
 98 65.5 0.0 129.6

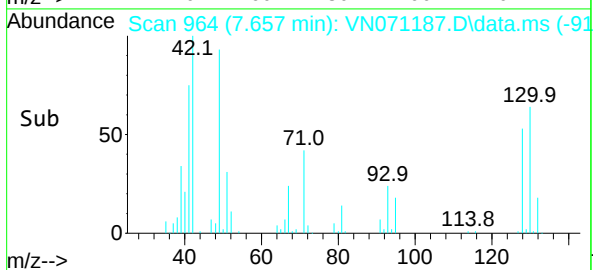
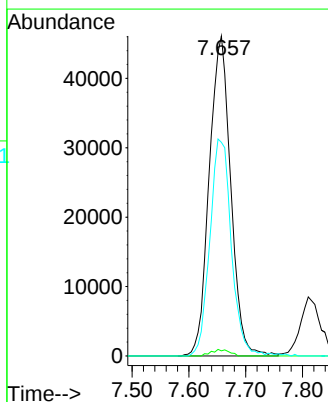
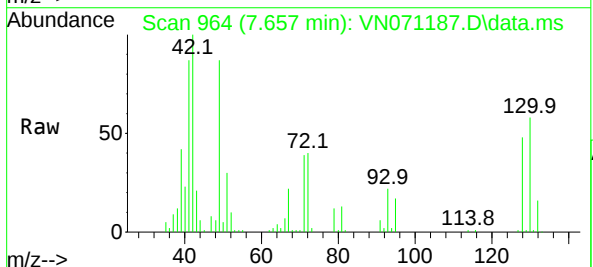
Manual Integrations
 APPROVED

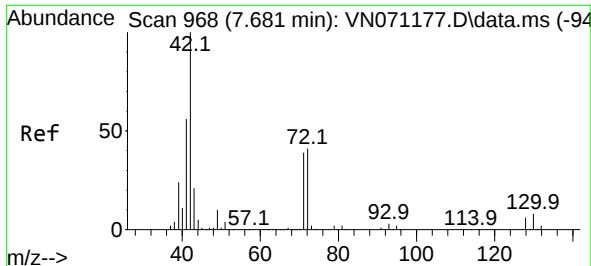
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#28
 Bromochloromethane
 Concen: 19.459 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

Tgt Ion: 49 Resp: 121071
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 68.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 92.431 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071187.D

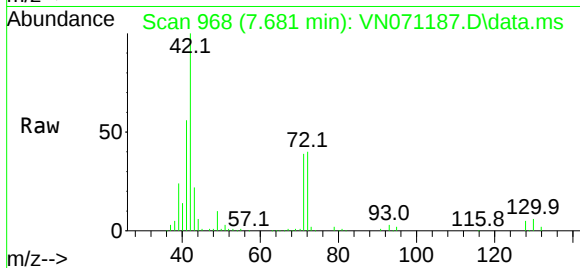
Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01



Tgt Ion: 42 Resp: 423398

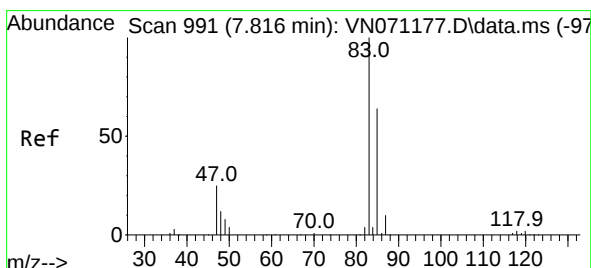
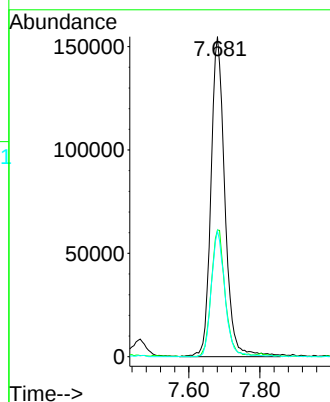
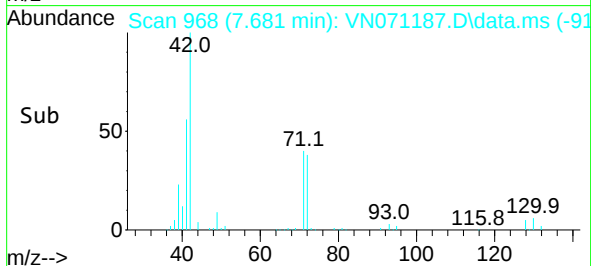
Ion	Ratio	Lower	Upper
42	100		
72	39.1	36.3	54.5
71	38.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#30

Chloroform

Concen: 19.094 ug/l

RT: 7.810 min Scan# 990

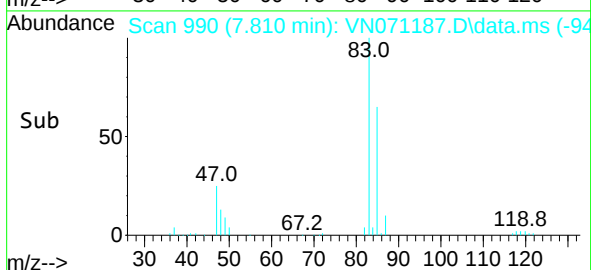
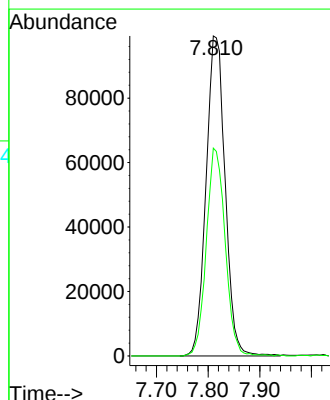
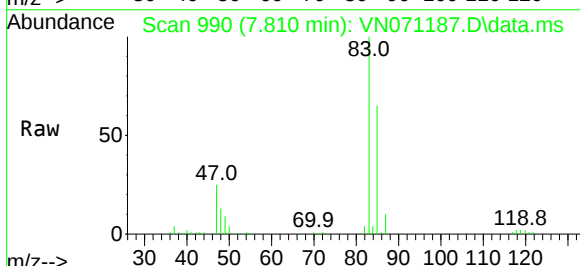
Delta R.T. -0.006 min

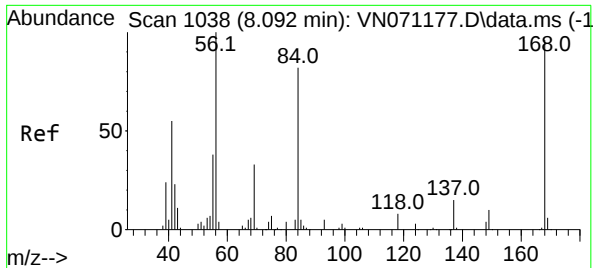
Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Tgt Ion: 83 Resp: 254439

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.9	77.9





#31

Cyclohexane

Concen: 19.099 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion: 56 Resp: 25729

Ion Ratio Lower Upper

56 100

69 36.7 27.1 40.7

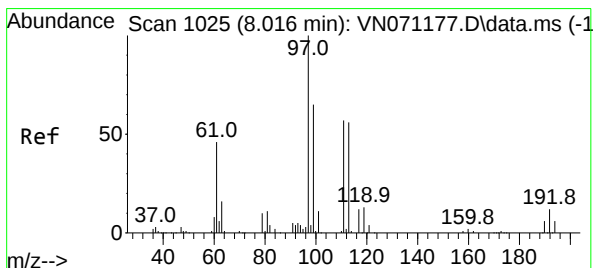
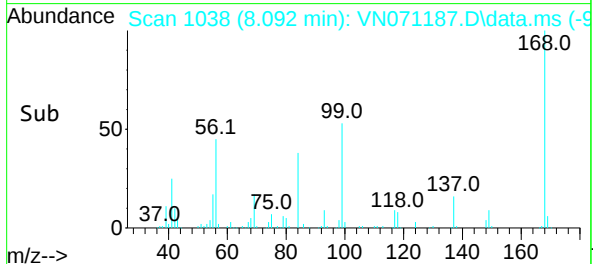
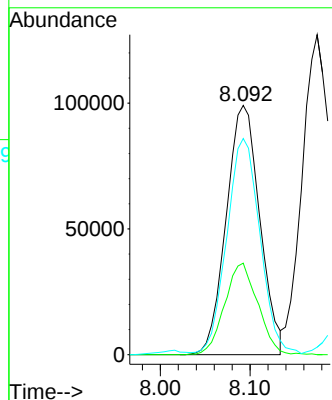
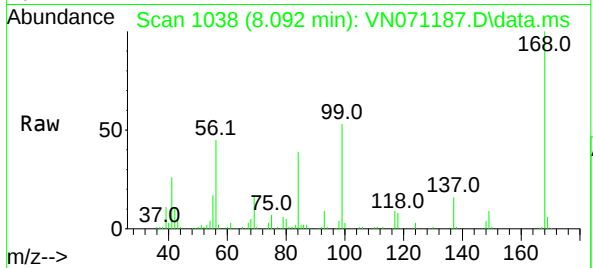
84 85.7 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#32

1,1,1-Trichloroethane

Concen: 19.113 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.006 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

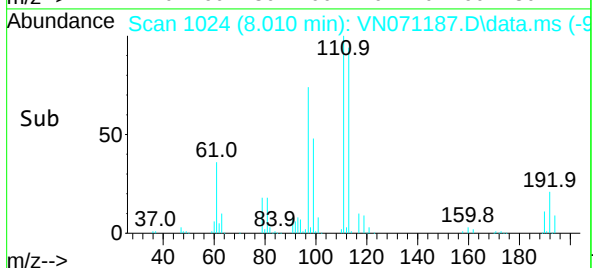
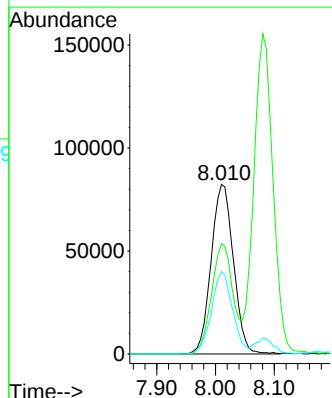
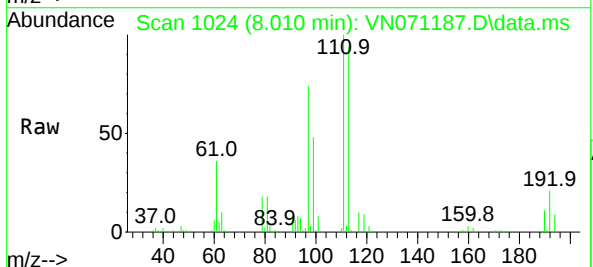
Tgt Ion: 97 Resp: 216953

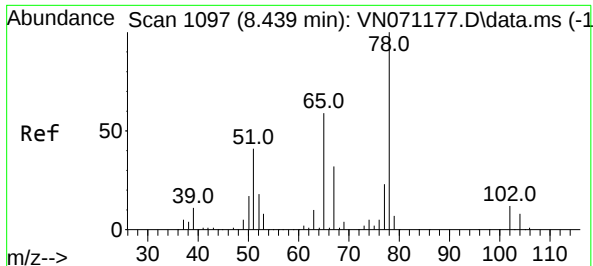
Ion Ratio Lower Upper

97 100

99 63.6 50.1 75.1

61 46.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.573 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion: 65 Resp: 40975

Ion Ratio Lower Upper

65 100

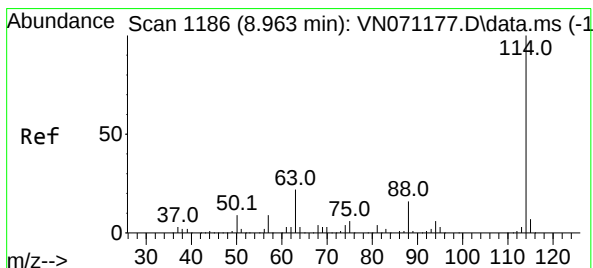
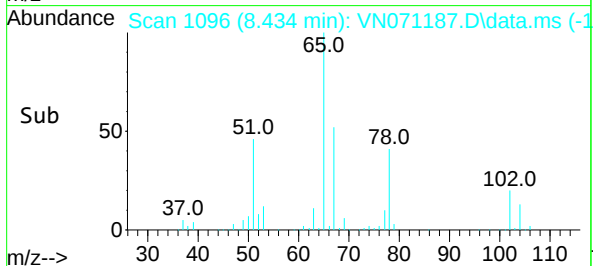
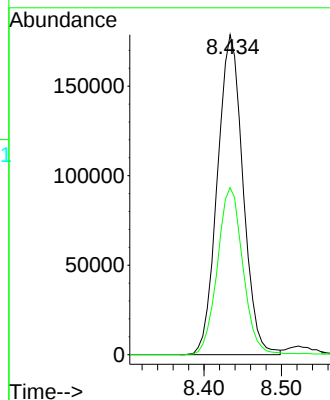
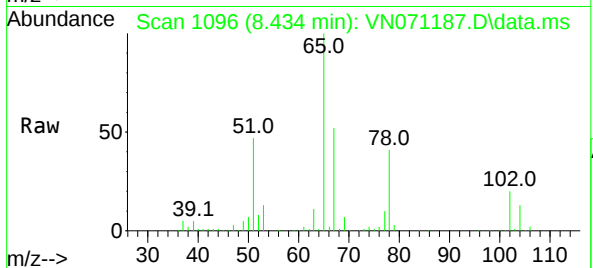
67 52.0 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

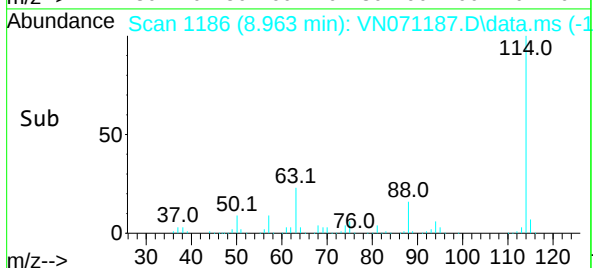
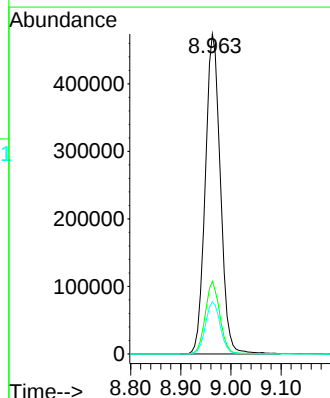
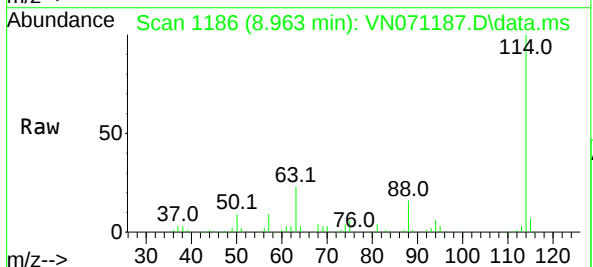
Tgt Ion:114 Resp: 991976

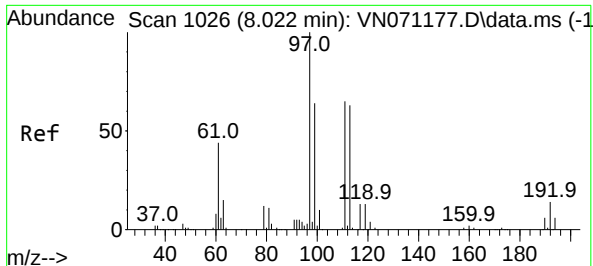
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 16.3 0.0 27.4





#35

Dibromofluoromethane

Concen: 48.334 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071187.D

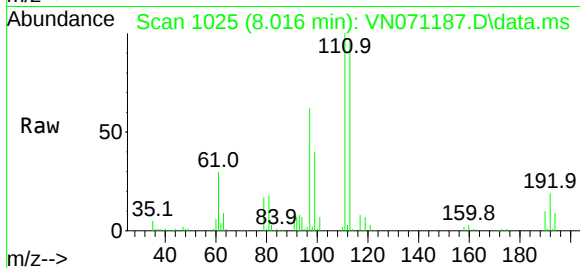
Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01



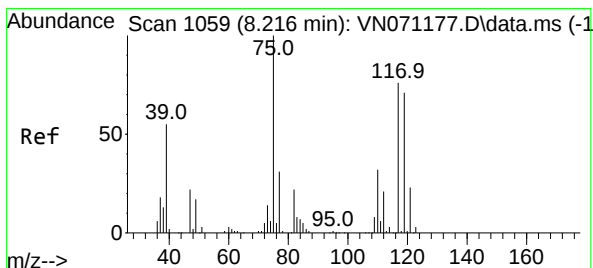
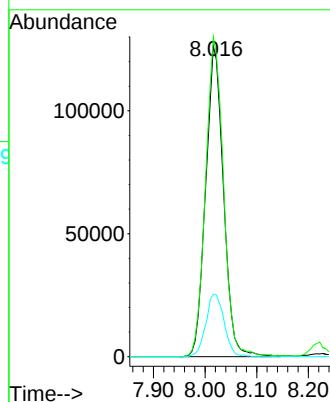
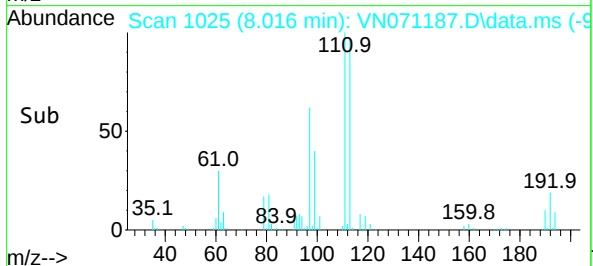
Tgt Ion:	113	Resp:	30255
Ion Ratio	Lower	Upper	
113	100		
111	104.3	82.2	123.2
192	20.7	16.9	25.3

Manual Integrations

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Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#36

1,1-Dichloropropene

Concen: 18.825 ug/l

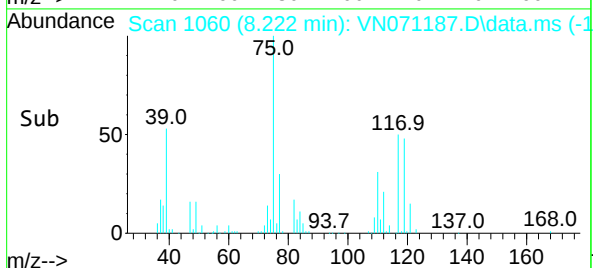
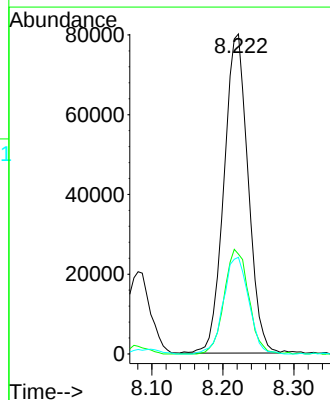
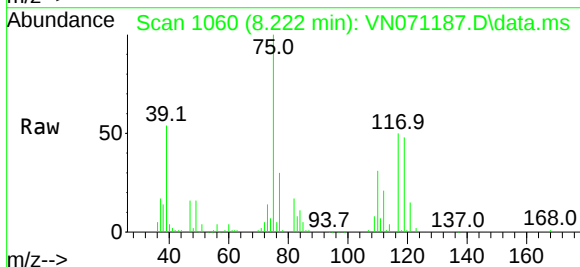
RT: 8.222 min Scan# 1060

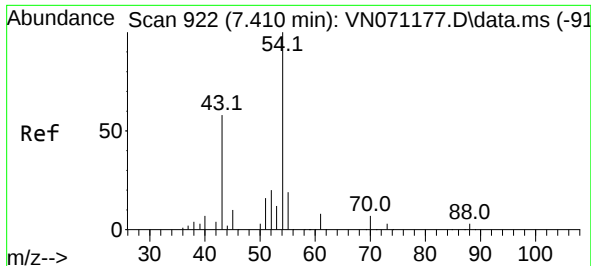
Delta R.T. 0.006 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

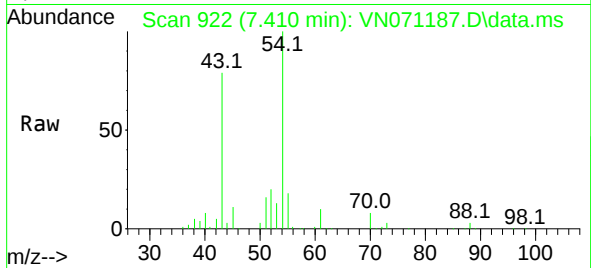
Tgt Ion:	75	Resp:	188808
Ion Ratio	Lower	Upper	
75	100		
110	33.4	18.4	55.2
77	31.7	24.4	36.6





#37
Ethyl Acetate
Concen: 18.553 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

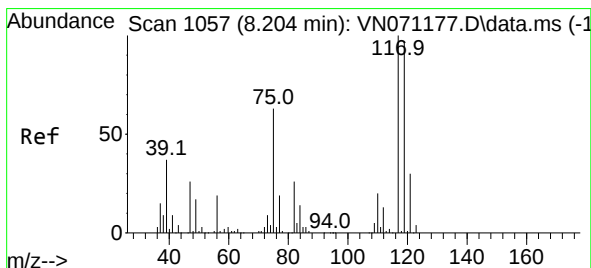
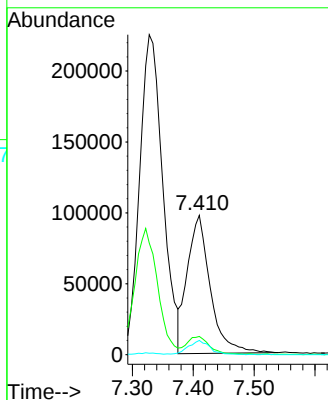
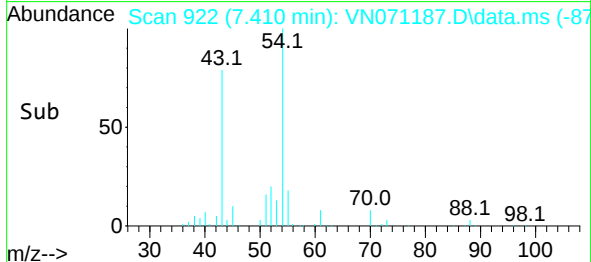
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



Tgt Ion: 43 Resp: 256080
Ion Ratio Lower Upper
43 100
61 12.6 11.5 17.3
70 9.7 7.9 11.9

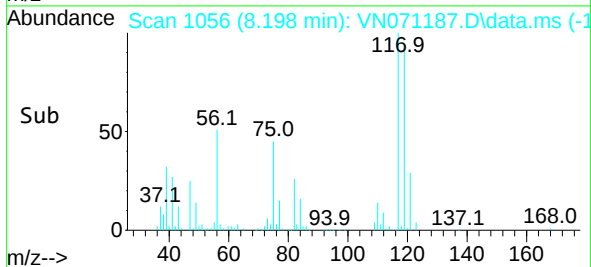
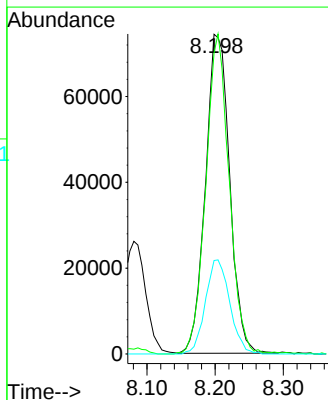
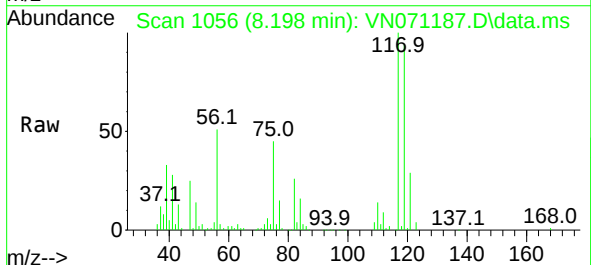
Manual Integrations
APPROVED

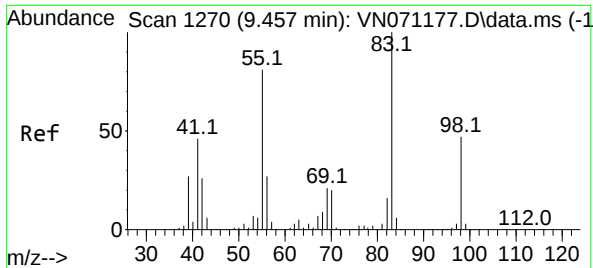
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#38
Carbon Tetrachloride
Concen: 18.958 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Tgt Ion:117 Resp: 183914
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
121 29.3 24.2 36.2





#39

Methylcyclohexane

Concen: 19.565 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion: 83 Resp: 23083

Ion Ratio Lower Upper

83 100

55 77.6 58.1 87.1

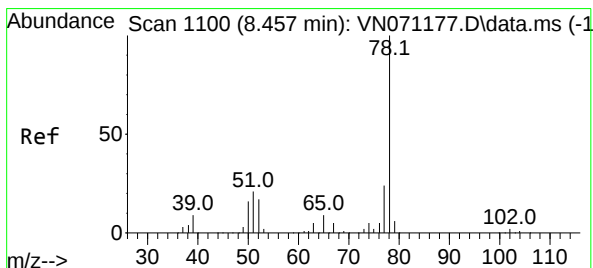
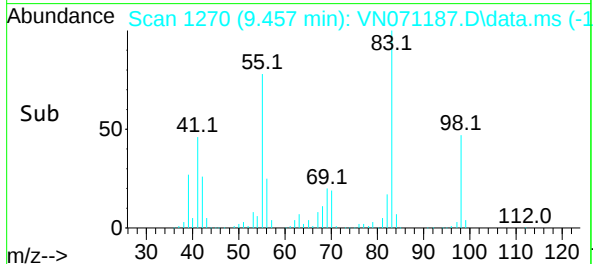
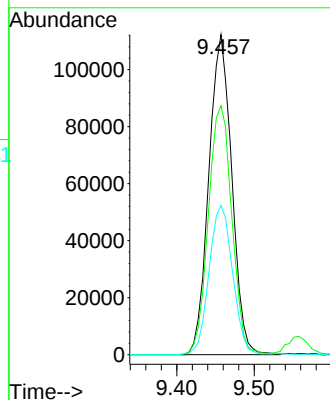
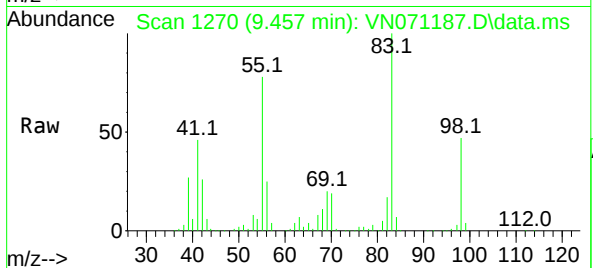
98 46.7 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#40

Benzene

Concen: 19.316 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071187.D

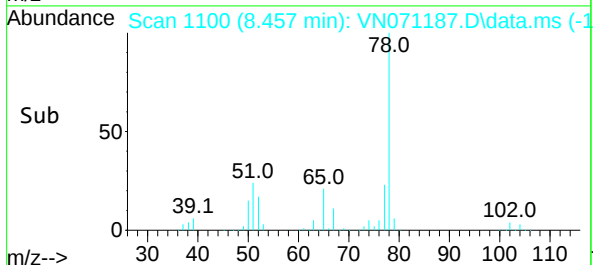
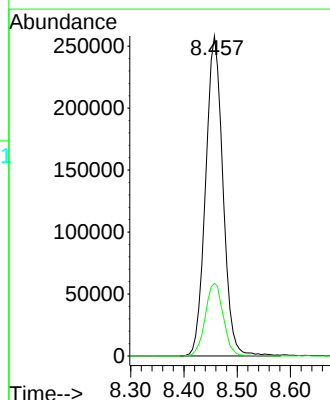
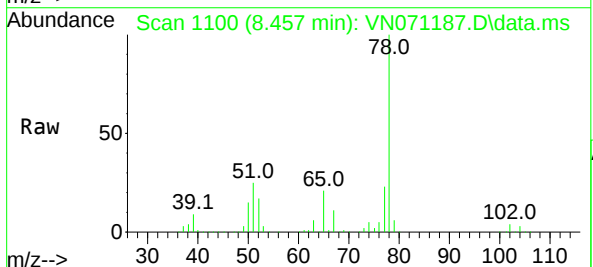
Acq: 08 Mar 2022 13:53

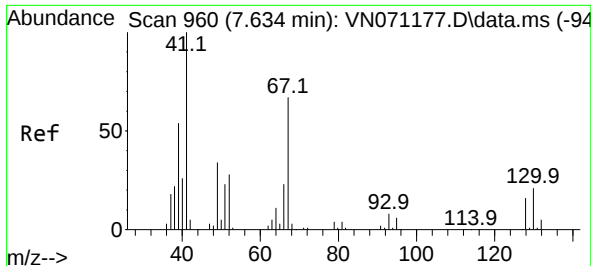
Tgt Ion: 78 Resp: 583691

Ion Ratio Lower Upper

78 100

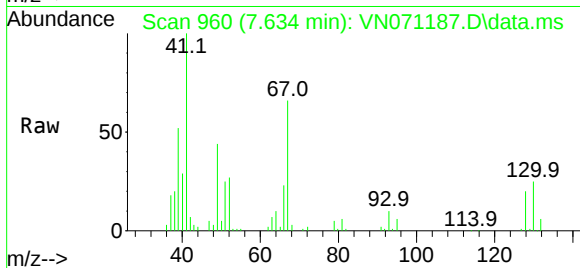
77 22.7 18.6 27.8





#41
Methacrylonitrile
Concen: 17.182 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

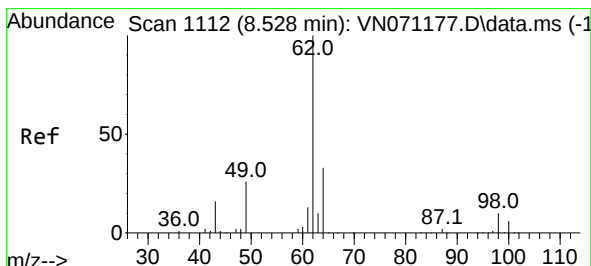
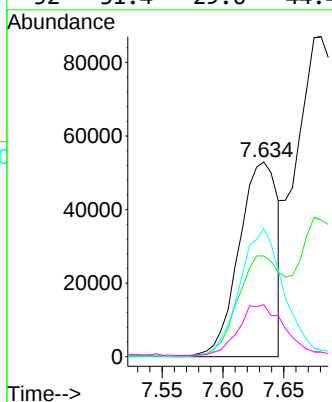
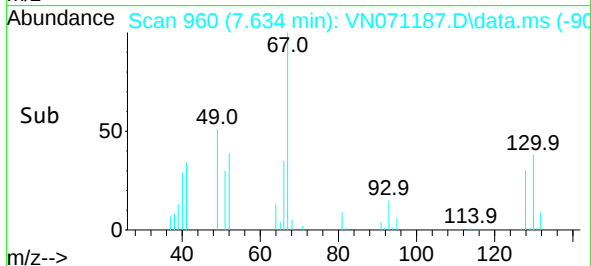
Instrument :
MSVOA_N
Client Sample Id :
VN0308MBSD01



Tgt Ion: 41 Resp: 116063
Ion Ratio Lower Upper
41 100
39 59.4 48.1 72.1
67 77.8 68.3 102.5
52 31.4 29.6 44.4

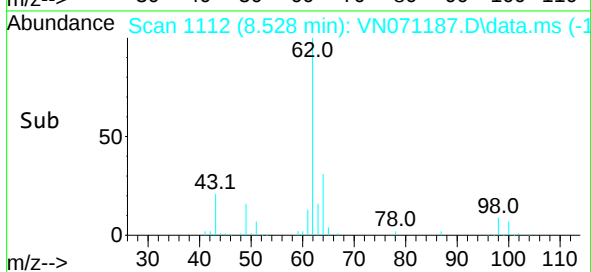
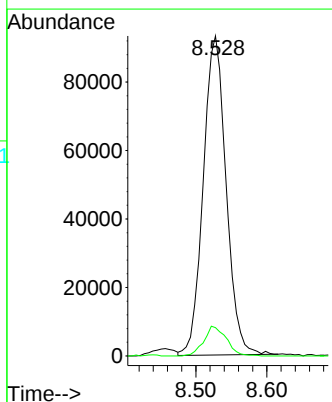
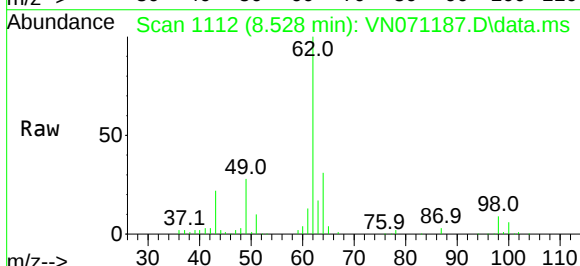
Manual Integrations
APPROVED

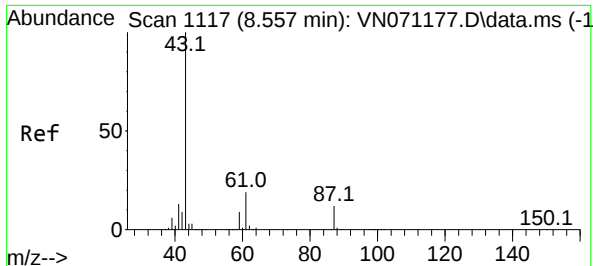
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#42
1,2-Dichloroethane
Concen: 19.809 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

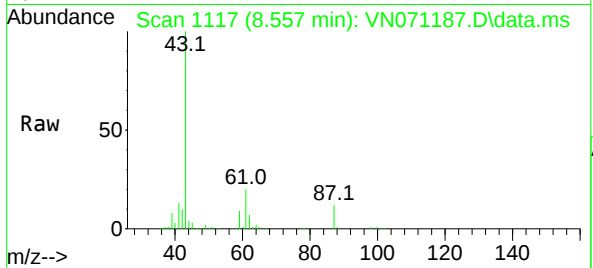
Tgt Ion: 62 Resp: 208303
Ion Ratio Lower Upper
62 100
98 9.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.009 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

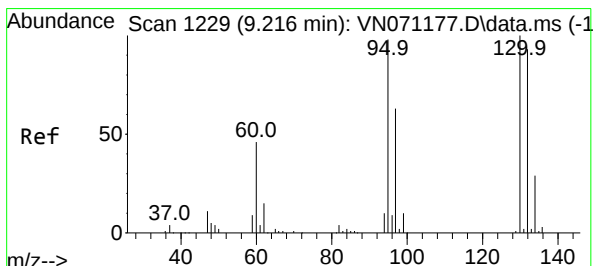
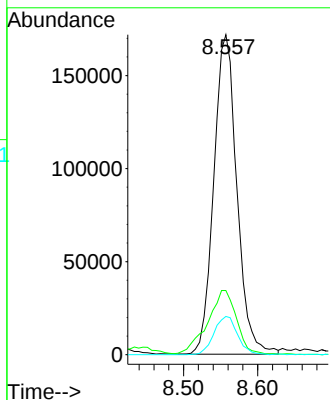
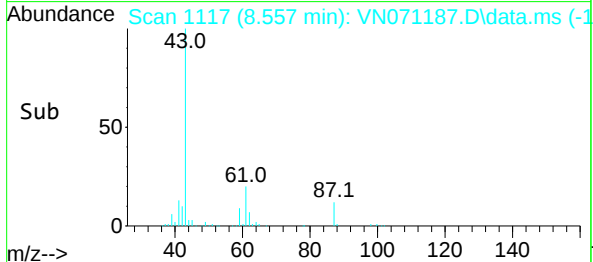
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



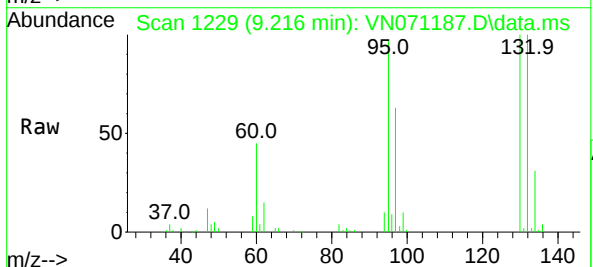
Tgt Ion: 43 Resp: 37172
Ion Ratio Lower Upper
43 100
61 24.9 20.4 30.6
87 12.2 11.2 16.8

Manual Integrations
APPROVED

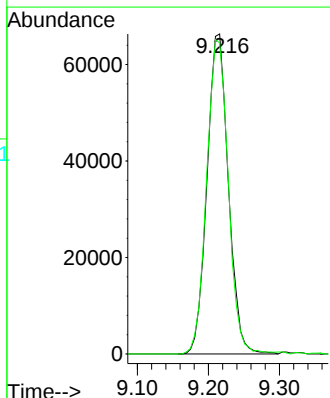
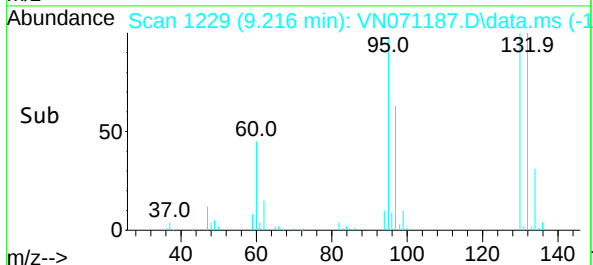
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

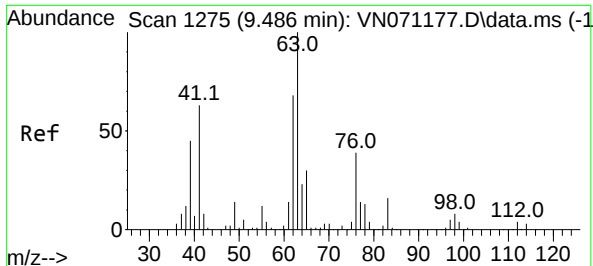


#44
Trichloroethene
Concen: 19.413 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion:130 Resp: 138411
Ion Ratio Lower Upper
130 100
95 97.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.092 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion: 63 Resp: 15487

Ion Ratio Lower Upper

63 100

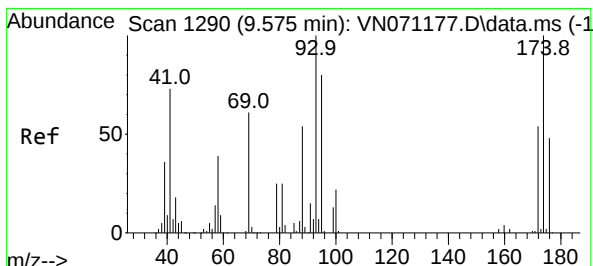
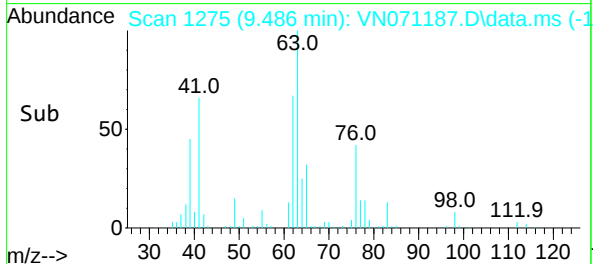
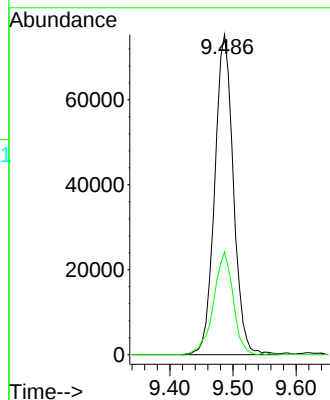
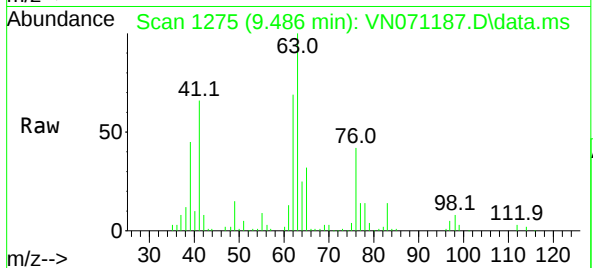
65 32.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#46

Dibromomethane

Concen: 19.681 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

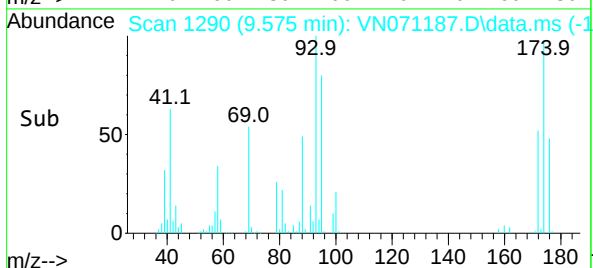
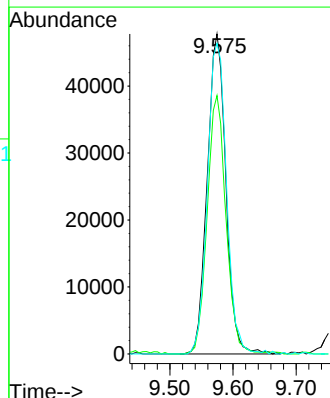
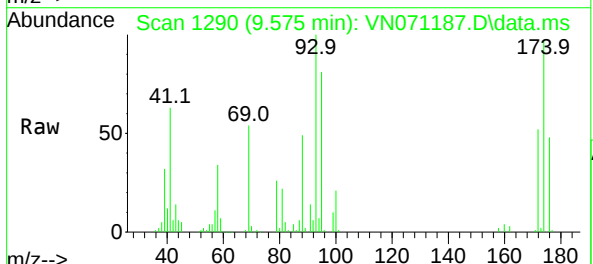
Tgt Ion: 93 Resp: 98263

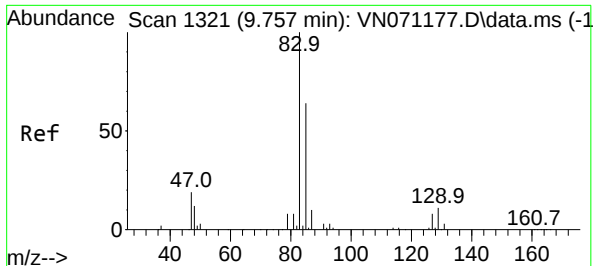
Ion Ratio Lower Upper

93 100

95 81.3 65.9 98.9

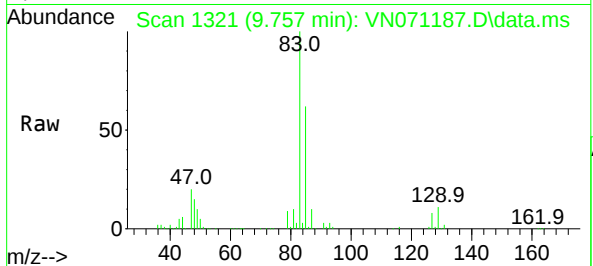
174 99.2 84.6 127.0





#47
Bromodichloromethane
Concen: 19.448 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

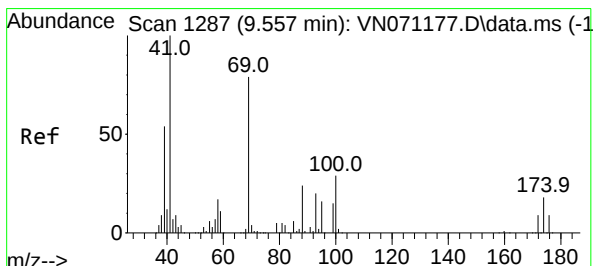
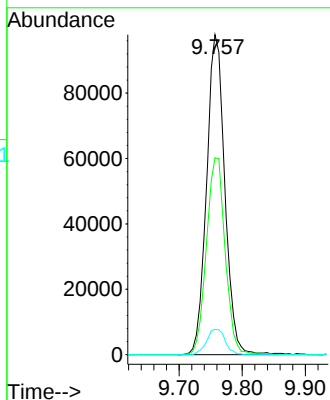
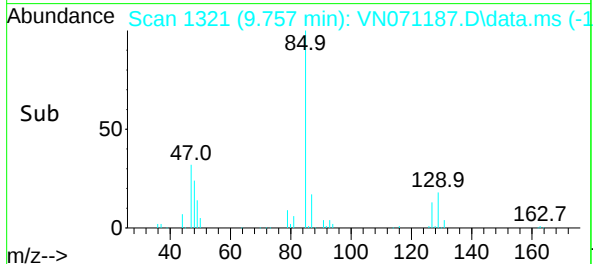
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



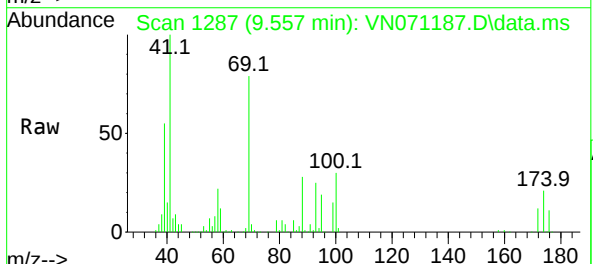
Tgt Ion: 83 Resp: 196224
Ion Ratio Lower Upper
83 100
85 61.6 50.9 76.3
127 7.9 7.1 10.7

Manual Integrations
APPROVED

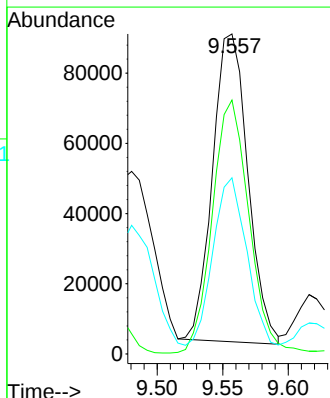
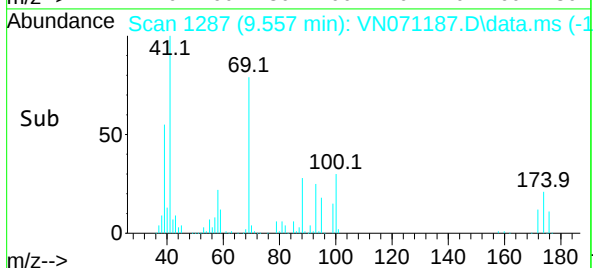
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

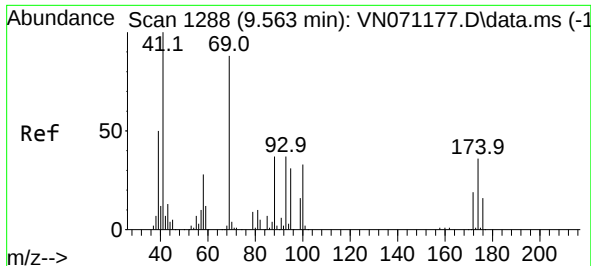


#48
Methyl methacrylate
Concen: 17.162 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion: 41 Resp: 164164
Ion Ratio Lower Upper
41 100
69 86.7 72.4 108.6
39 57.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 392.467 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

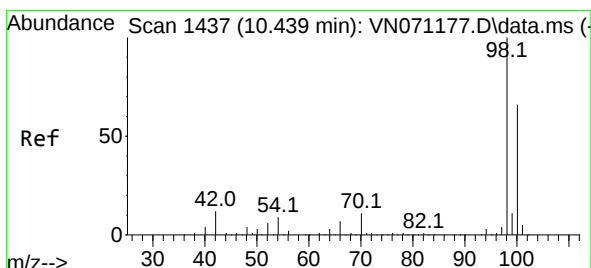
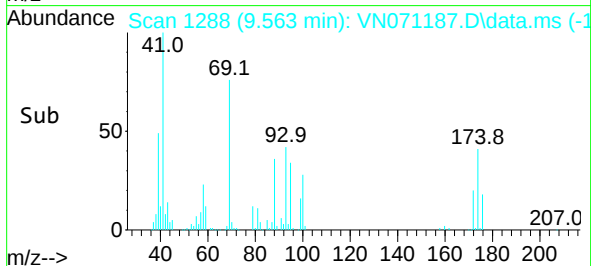
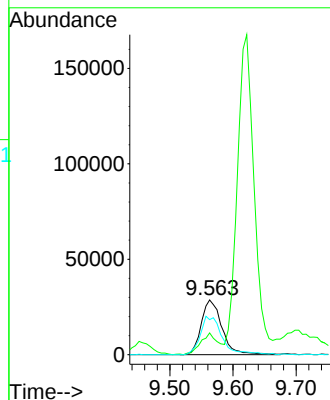
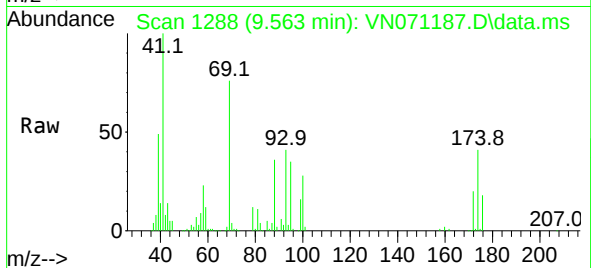
Tgt Ion: 88 Resp: 65258
 Ion Ratio Lower Upper
 88 100
 43 34.9 23.4 35.2
 58 74.3 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#50

Toluene-d8

Concen: 48.069 ug/l

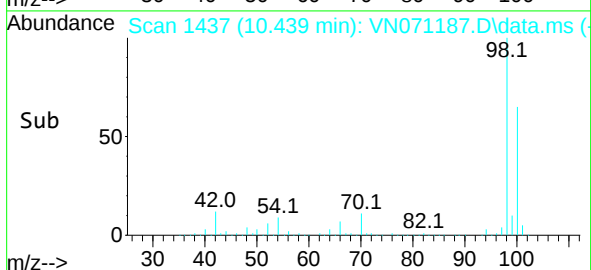
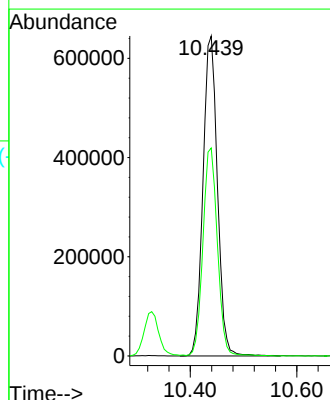
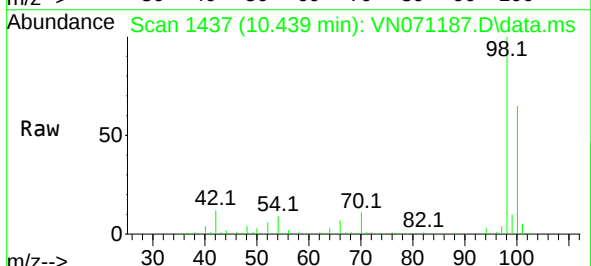
RT: 10.439 min Scan# 1437

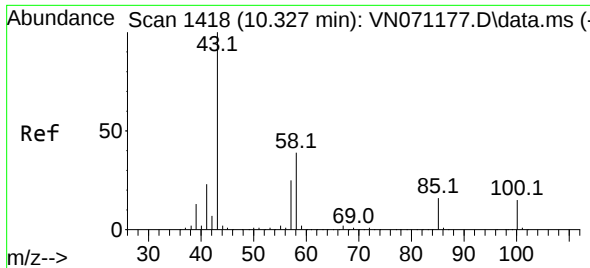
Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Tgt Ion: 98 Resp: 1211518
 Ion Ratio Lower Upper
 98 100
 100 65.3 50.4 75.6





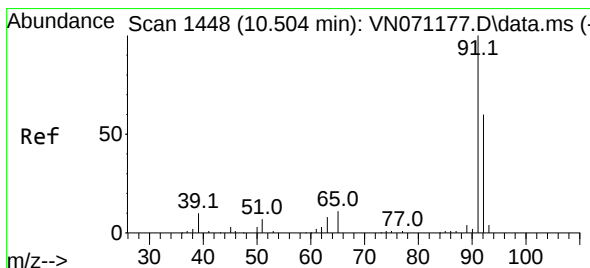
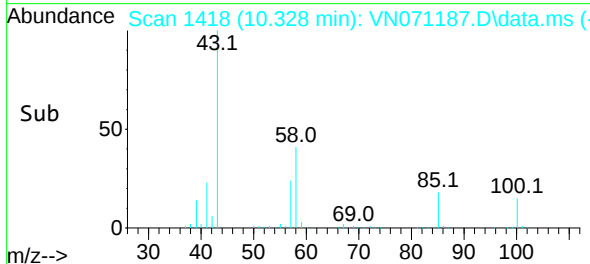
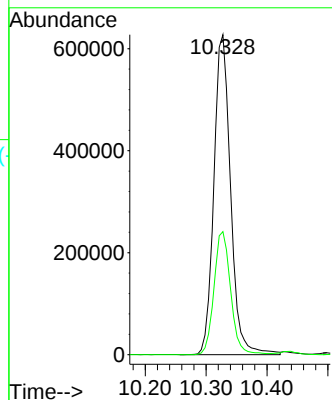
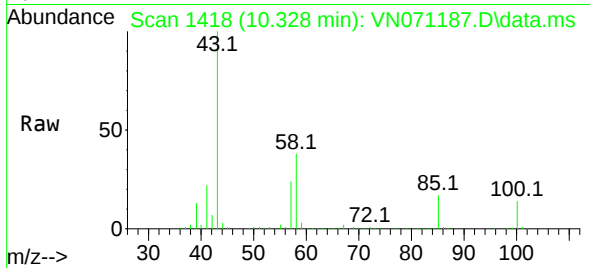
#51
4-Methyl-2-Pentanone
Concen: 93.427 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01

Tgt Ion: 43 Resp: 119679
Ion Ratio Lower Upper
43 100
58 38.3 30.4 45.6

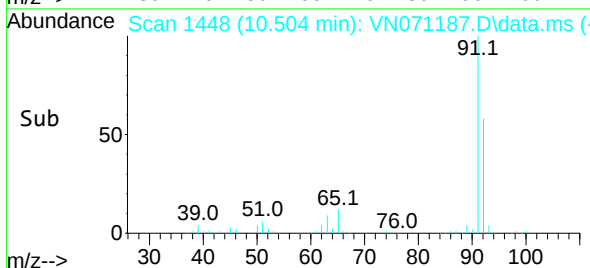
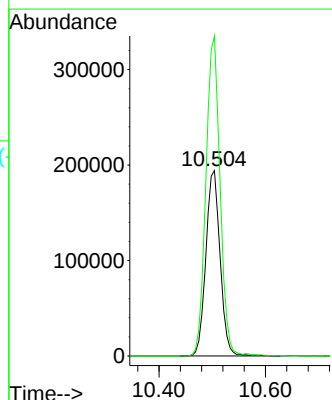
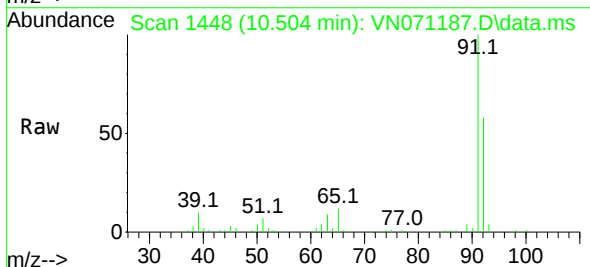
Manual Integrations
APPROVED

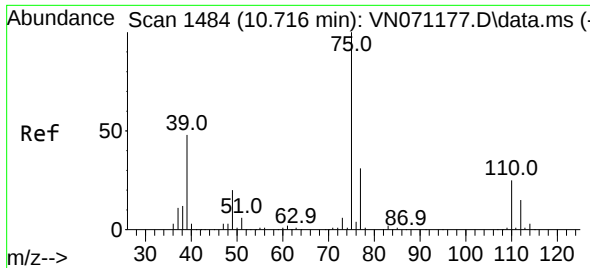
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#52
Toluene
Concen: 19.388 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

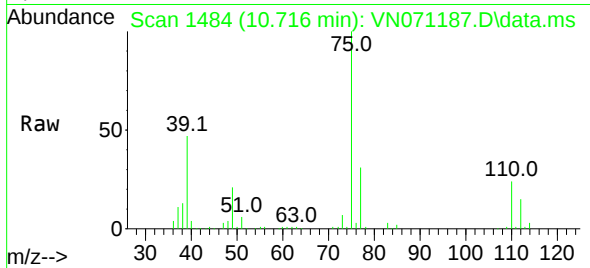
Tgt Ion: 92 Resp: 360759
Ion Ratio Lower Upper
92 100
91 172.0 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 19.200 ug/l
 RT: 10.716 min Scan# 1484
 Delta R.T. -0.000 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

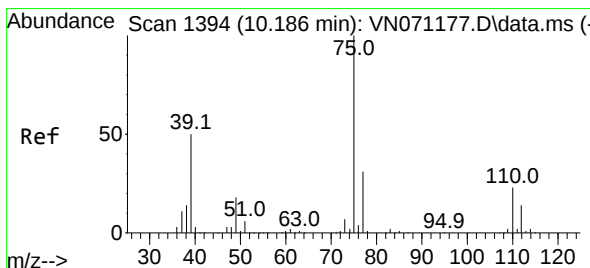
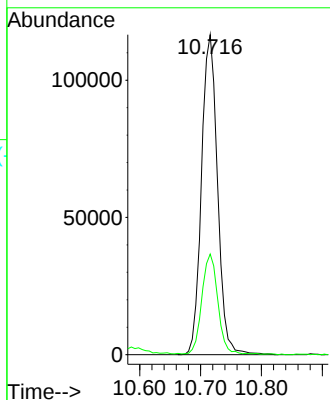
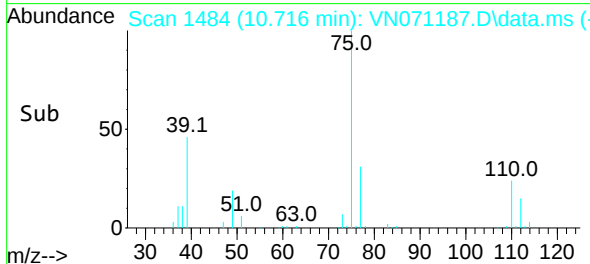
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBS01



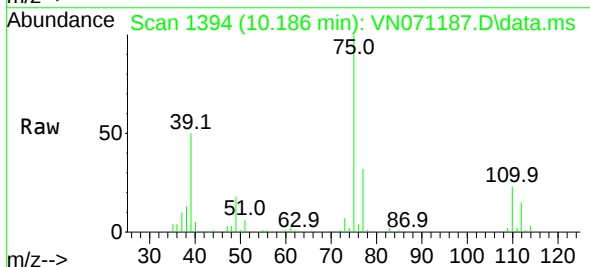
Tgt Ion: 75 Resp: 213550
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.6 38.4

Manual Integrations
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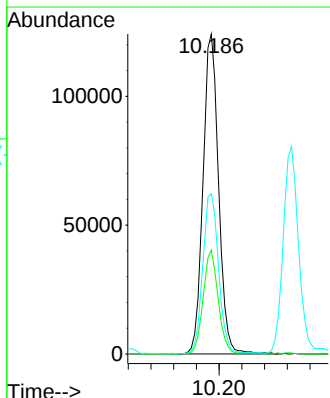
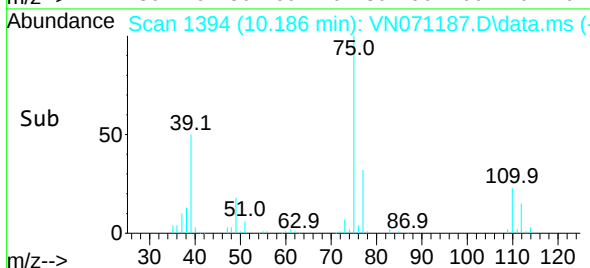
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022

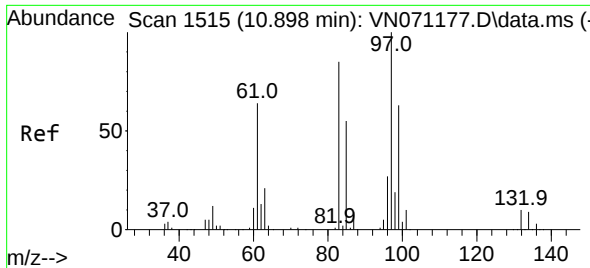


#54
 cis-1,3-Dichloropropene
 Concen: 19.360 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53



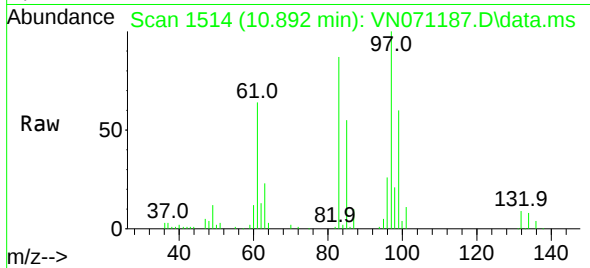
Tgt Ion: 75 Resp: 235279
 Ion Ratio Lower Upper
 75 100
 77 32.4 26.4 39.6
 39 50.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.218 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

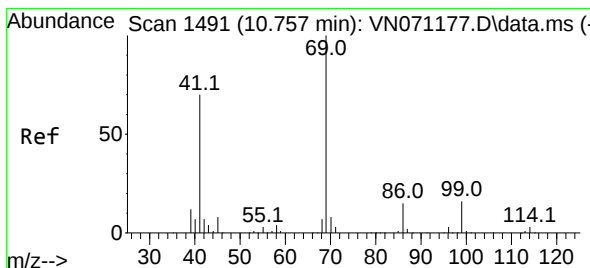
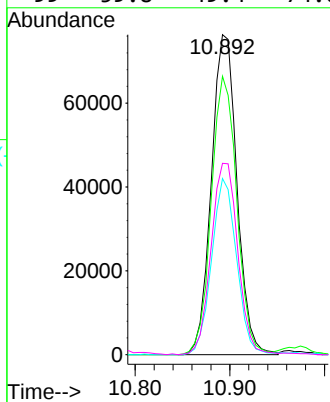
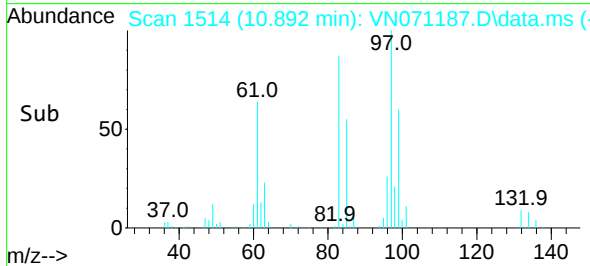
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



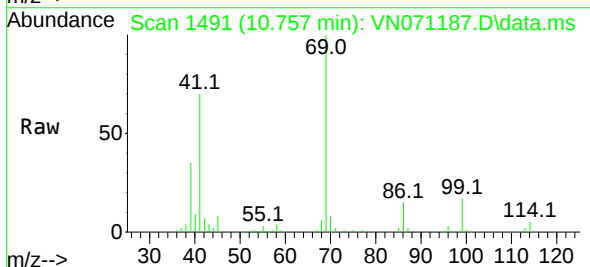
Tgt Ion: 97 Resp: 143295
Ion Ratio Lower Upper
97 100
83 87.0 67.8 101.6
85 55.0 45.4 68.2
99 59.8 49.4 74.0

Manual Integrations
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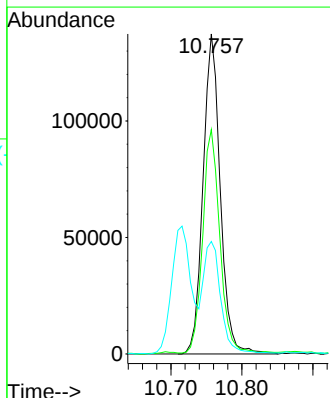
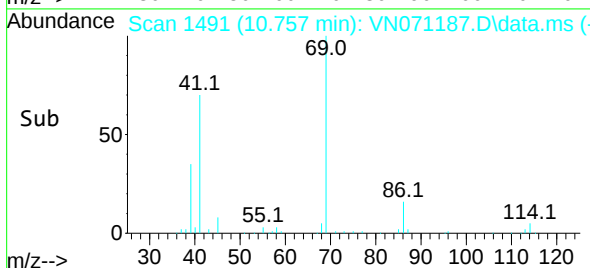
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

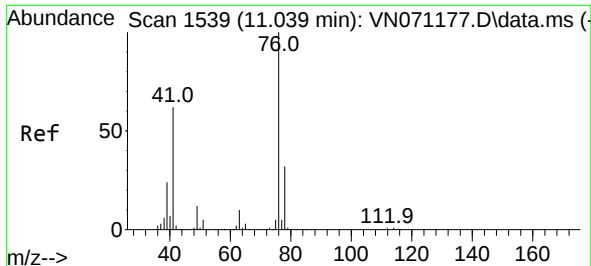


#56
Ethyl methacrylate
Concen: 19.012 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion: 69 Resp: 231497
Ion Ratio Lower Upper
69 100
41 69.2 51.4 77.0
39 34.6 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 18.969 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion: 76 Resp: 25386

Ion Ratio Lower Upper

76 100

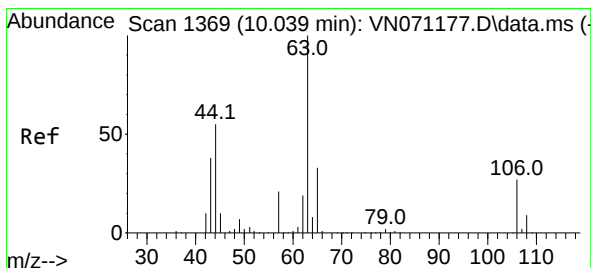
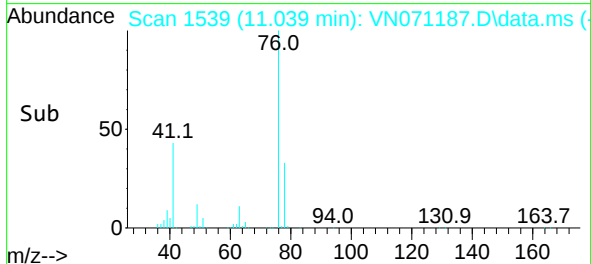
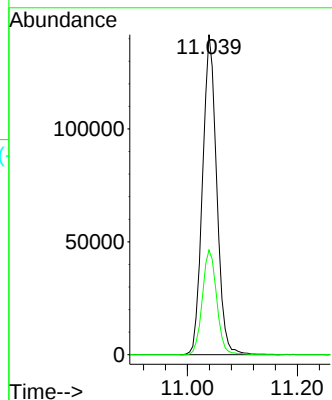
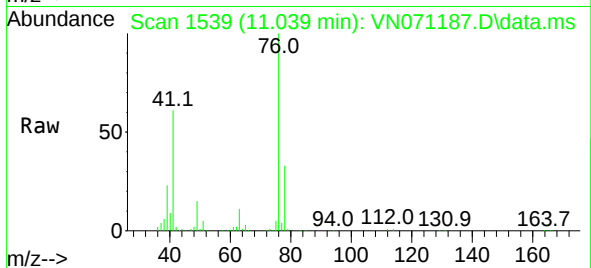
78 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#58

2-Chloroethyl Vinyl ether

Concen: 81.563 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN071187.D

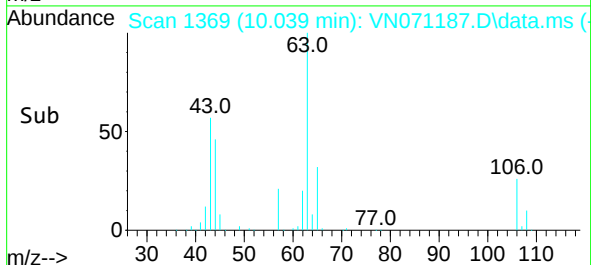
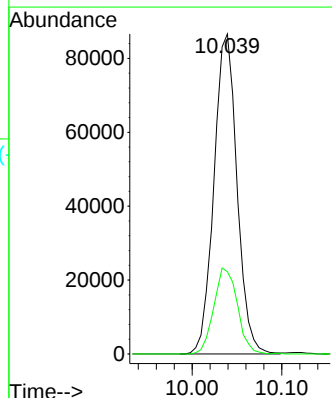
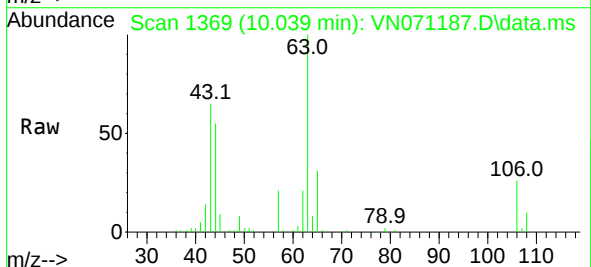
Acq: 08 Mar 2022 13:53

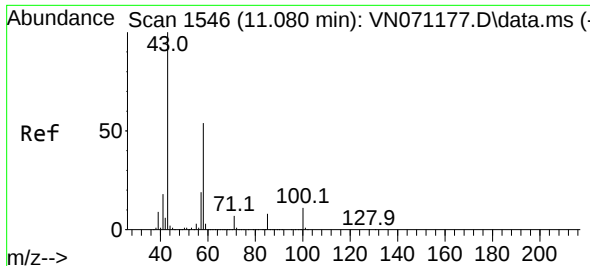
Tgt Ion: 63 Resp: 154604

Ion Ratio Lower Upper

63 100

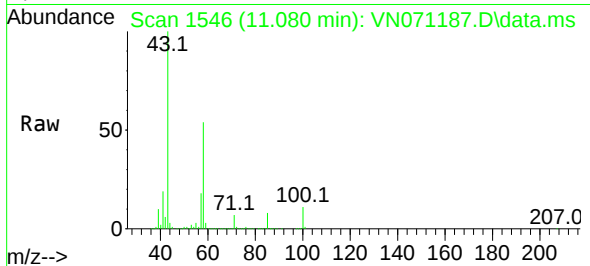
106 27.4 23.9 35.9





#59
2-Hexanone
Concen: 94.623 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

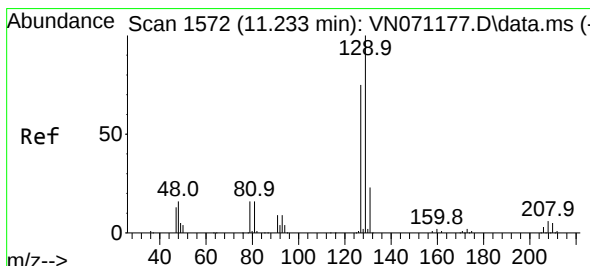
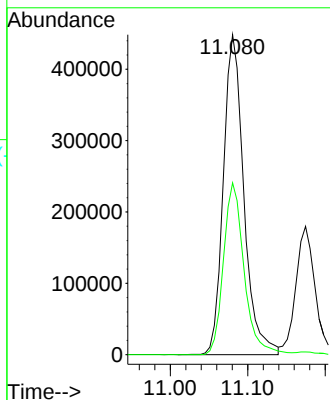
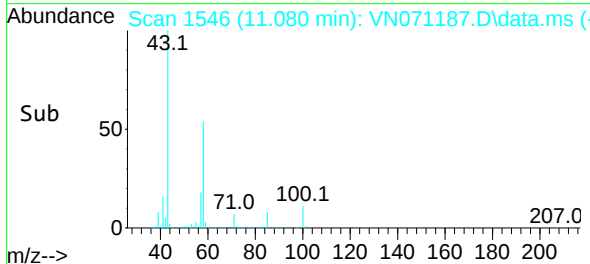
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



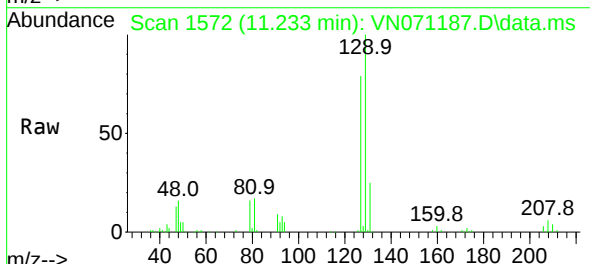
Tgt Ion: 43 Resp: 827040
Ion Ratio Lower Upper
43 100
58 54.1 26.9 80.7

Manual Integrations
APPROVED

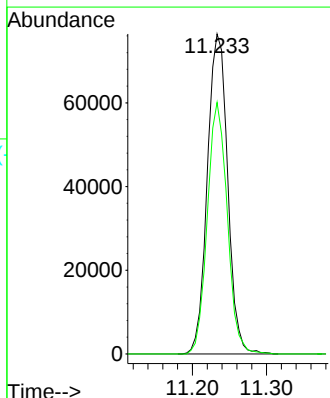
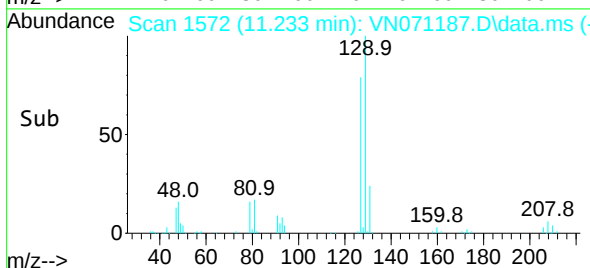
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

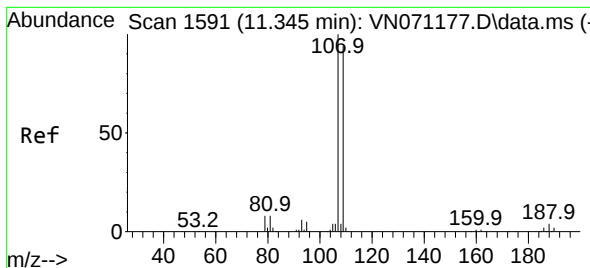


#60
Dibromochloromethane
Concen: 19.653 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



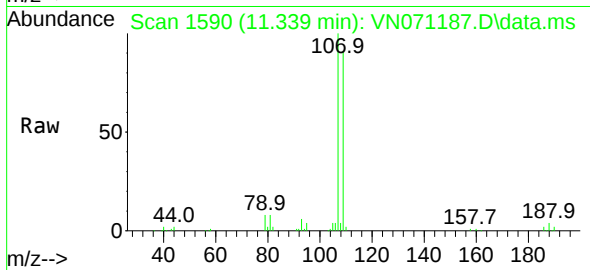
Tgt Ion:129 Resp: 145602
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.917 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

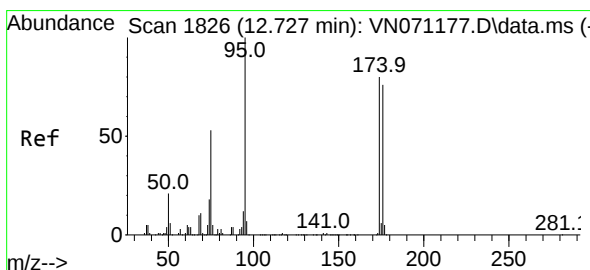
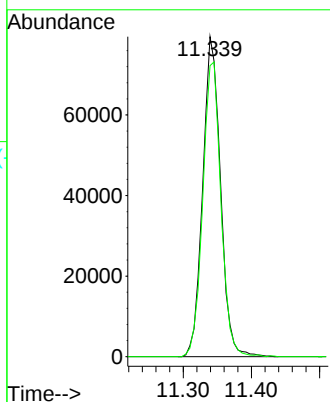
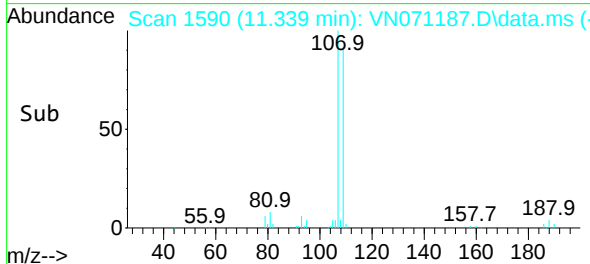
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



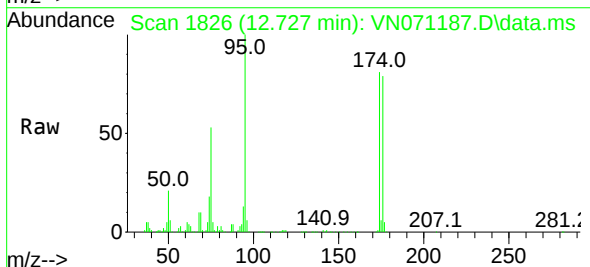
Tgt Ion:107 Resp: 144159
Ion Ratio Lower Upper
107 100
109 94.1 75.7 113.5

Manual Integrations
APPROVED

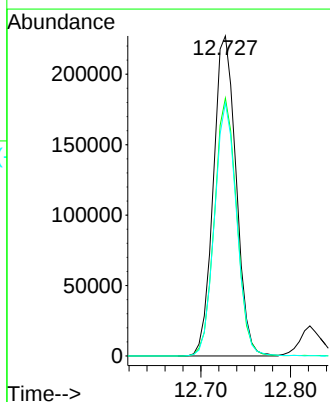
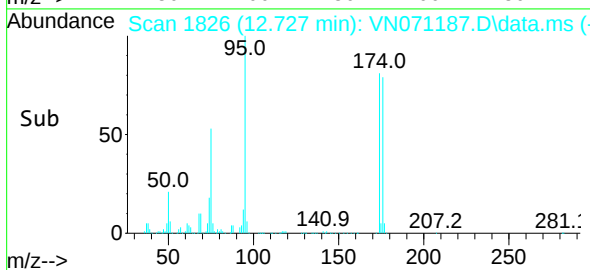
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

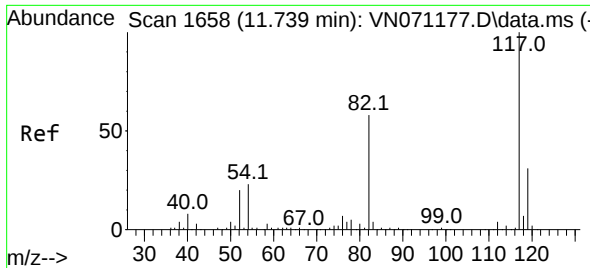


#62
4-Bromofluorobenzene
Concen: 46.796 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



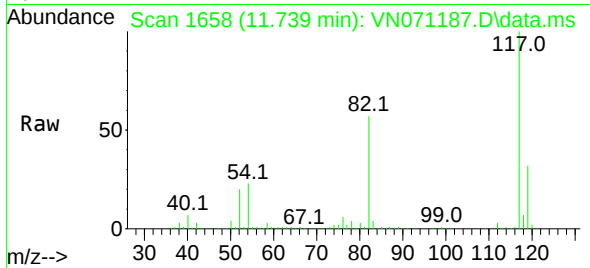
Tgt Ion: 95 Resp: 399379
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 76.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

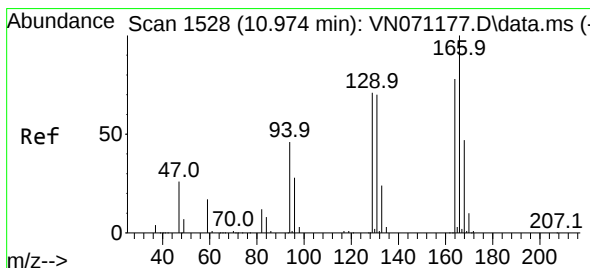
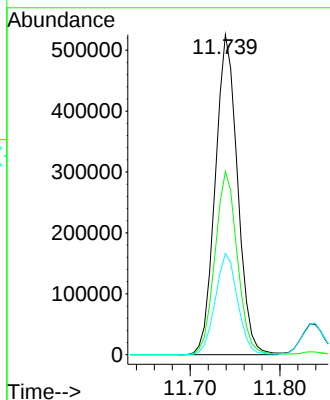
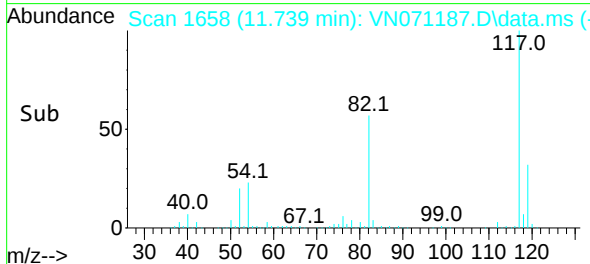
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



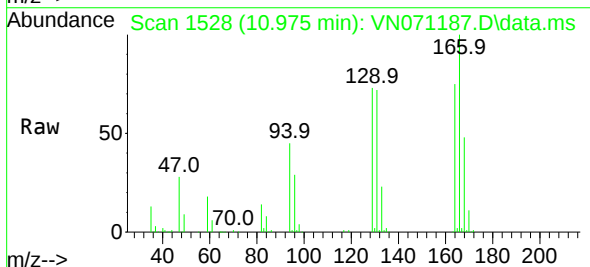
Tgt Ion:117 Resp: 906358
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

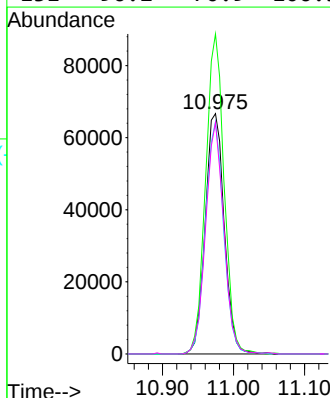
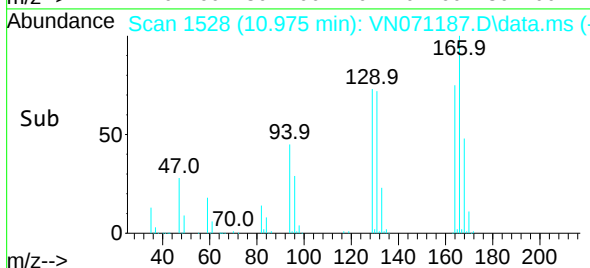
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

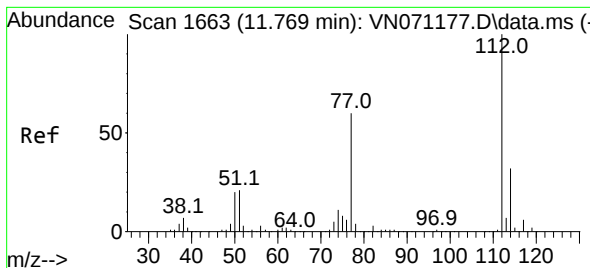


#64
Tetrachloroethene
Concen: 19.684 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



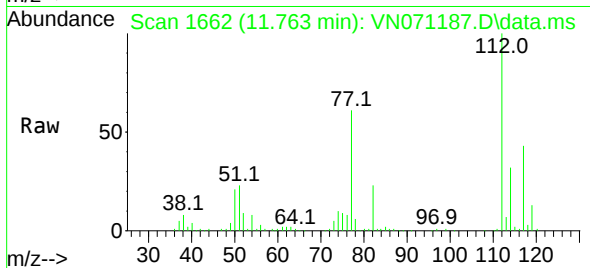
Tgt Ion:164 Resp: 124426
Ion Ratio Lower Upper
164 100
166 133.1 101.9 152.9
129 96.6 72.0 108.0
131 96.2 70.9 106.3





#65
Chlorobenzene
Concen: 19.119 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

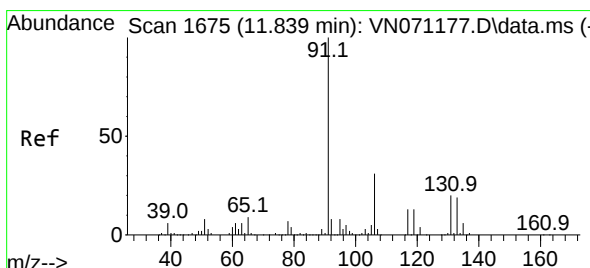
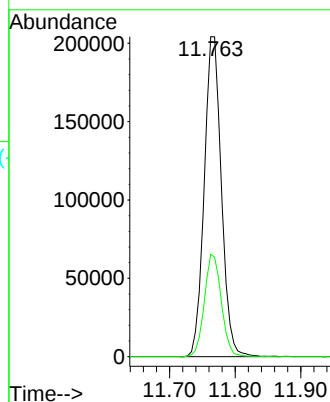
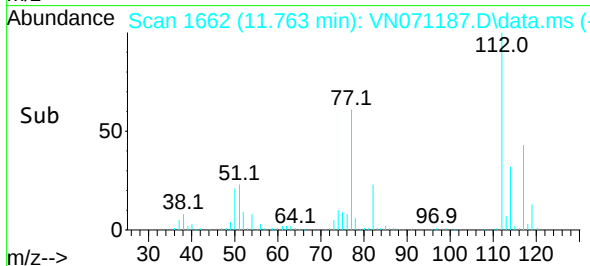
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



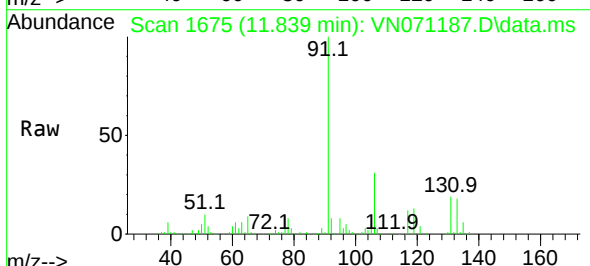
Tgt Ion:112 Resp: 372140
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

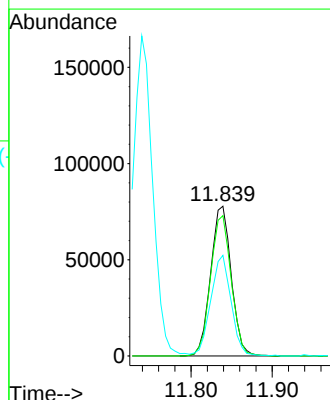
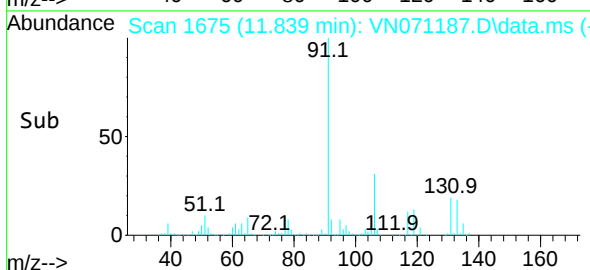
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

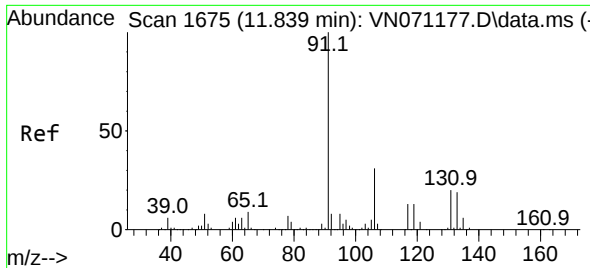


#66
1,1,1,2-Tetrachloroethane
Concen: 19.232 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



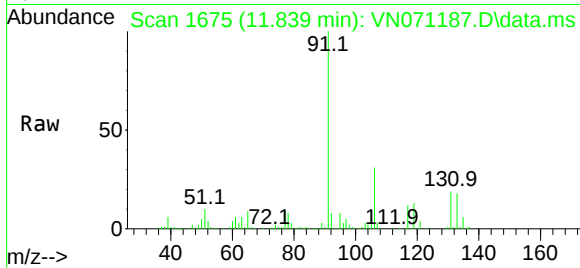
Tgt Ion:131 Resp: 137261
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 66.3 32.1 96.5





#67
Ethyl Benzene
Concen: 19.346 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

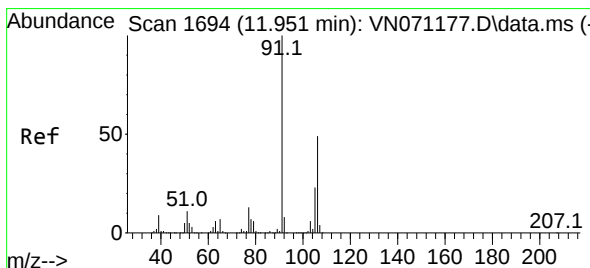
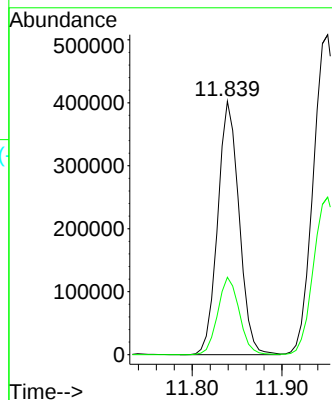
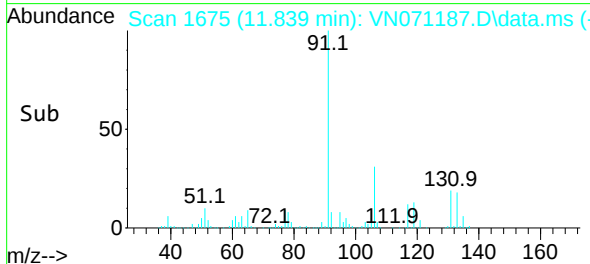
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



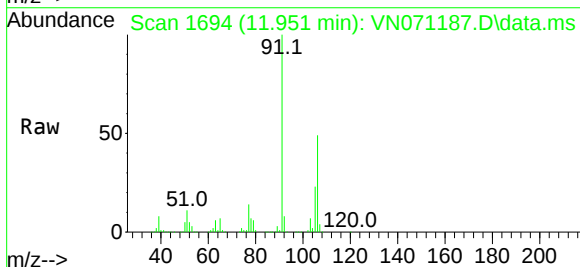
Tgt Ion: 91 Resp: 665818
Ion Ratio Lower Upper
91 100
106 30.6 25.7 38.5

Manual Integrations
APPROVED

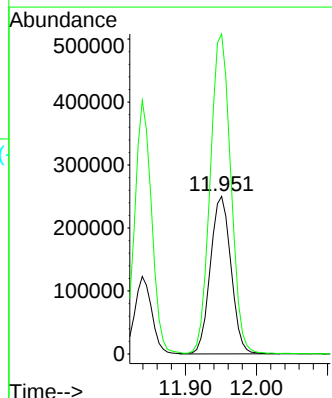
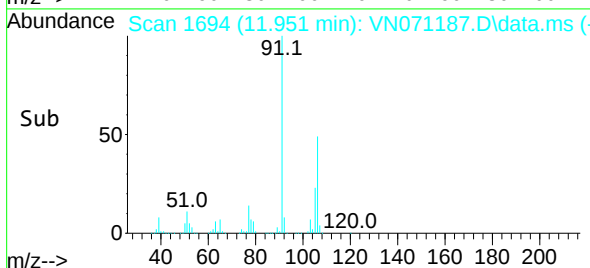
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

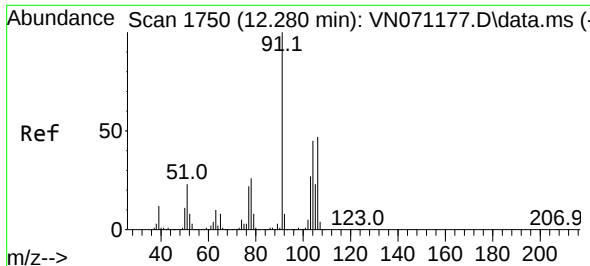


#68
m/p-Xylenes
Concen: 39.945 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



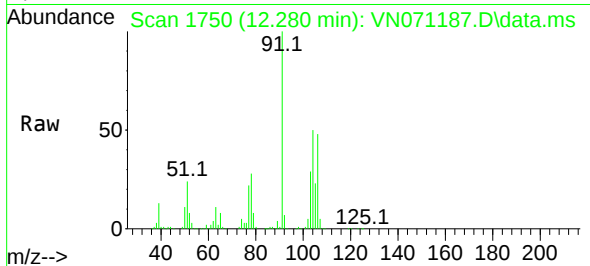
Tgt Ion:106 Resp: 502922
Ion Ratio Lower Upper
106 100
91 202.9 160.6 240.8





#69
o-Xylene
Concen: 20.014 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

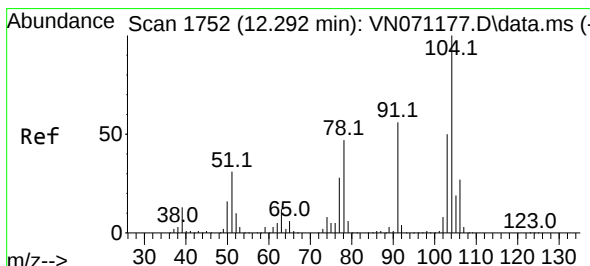
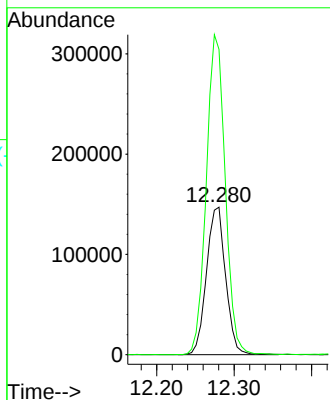
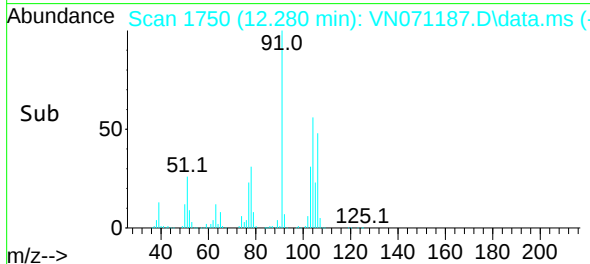
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



Tgt Ion:106 Resp: 252580
Ion Ratio Lower Upper
106 100
91 214.3 105.8 317.3

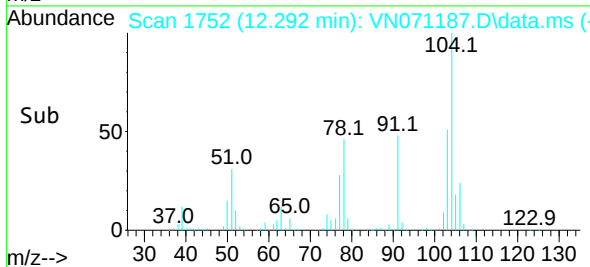
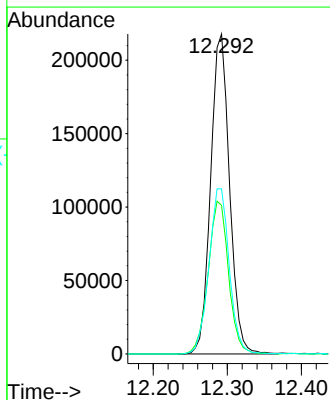
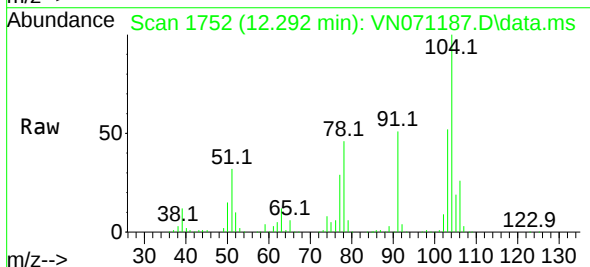
Manual Integrations
APPROVED

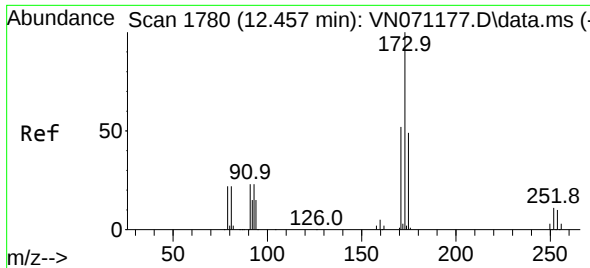
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#70
Styrene
Concen: 19.739 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

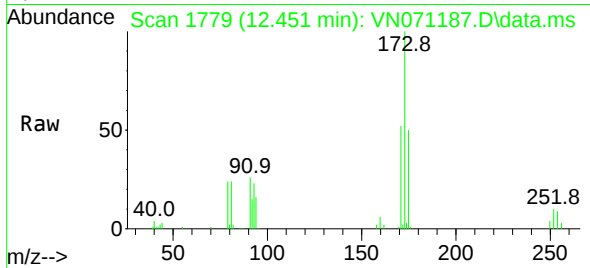
Tgt Ion:104 Resp: 385617
Ion Ratio Lower Upper
104 100
78 51.6 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 19.242 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

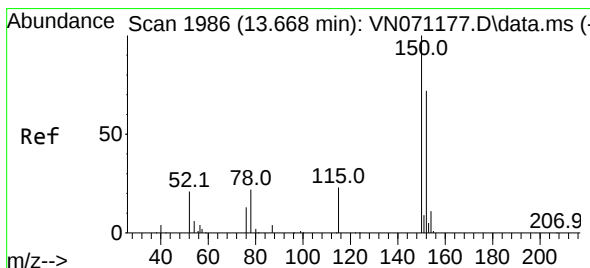
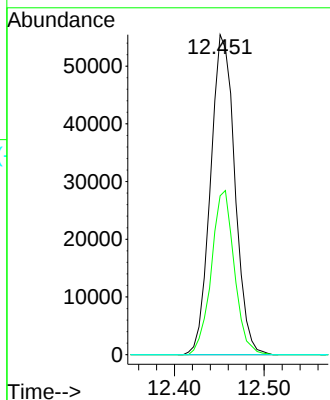
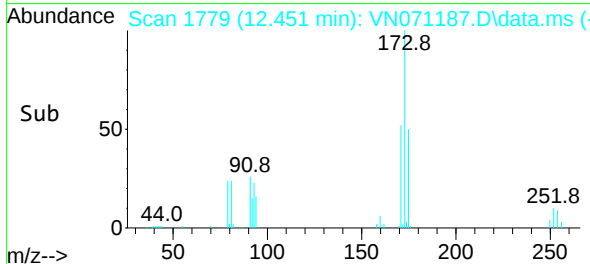
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



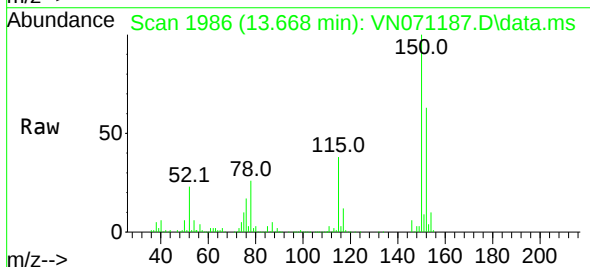
Tgt Ion:173 Resp: 104290
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

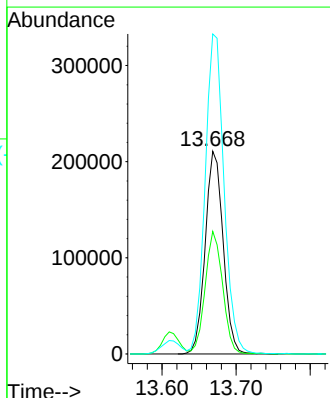
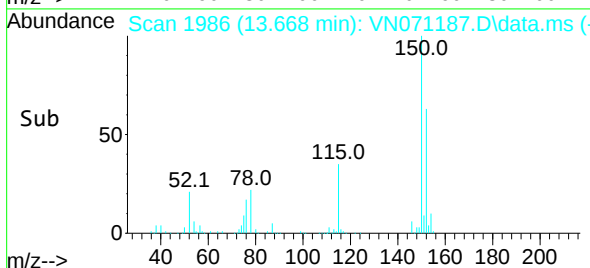
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

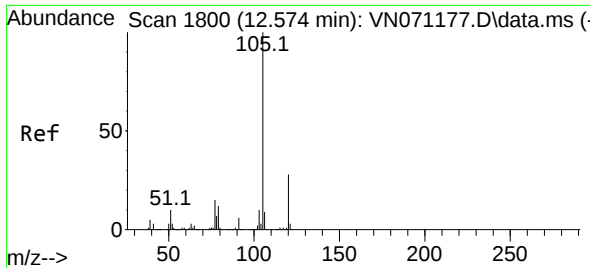


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



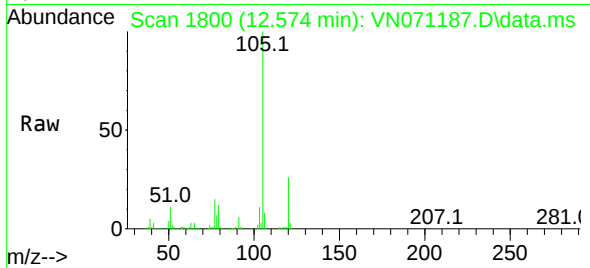
Tgt Ion:152 Resp: 355397
Ion Ratio Lower Upper
152 100
115 59.2 27.5 82.5
150 166.0 0.0 344.4





#73
Isopropylbenzene
Concen: 18.478 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

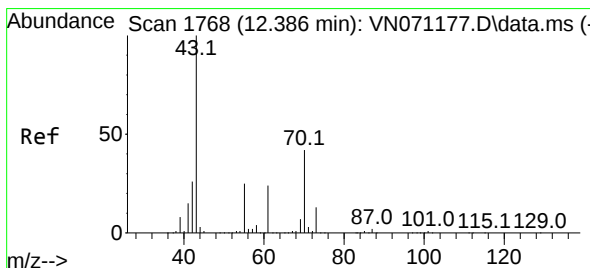
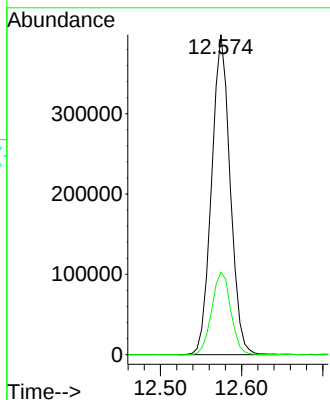
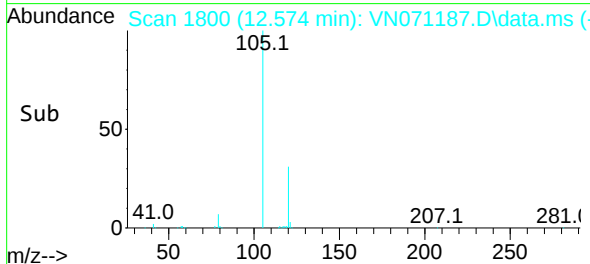
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



Tgt Ion:105 Resp: 633050
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

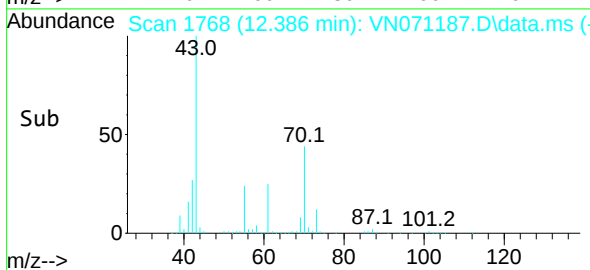
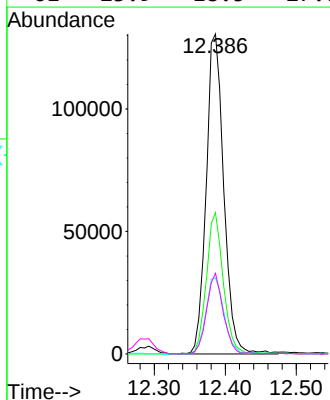
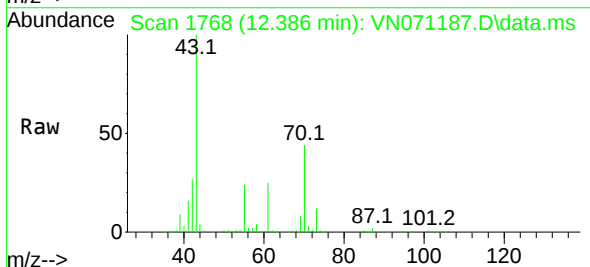
Manual Integrations
APPROVED

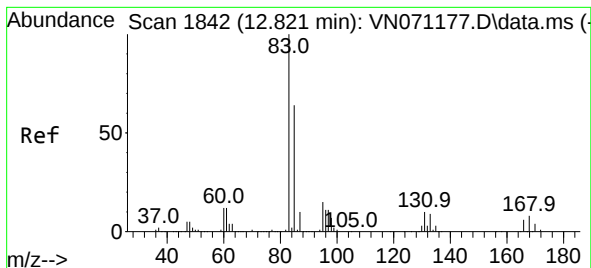
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#74
N-ethyl acetate
Concen: 17.463 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

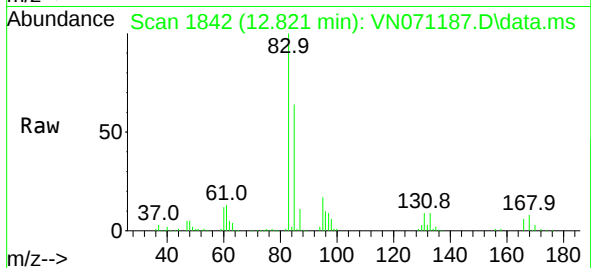
Tgt Ion: 43 Resp: 224954
Ion Ratio Lower Upper
43 100
70 42.7 33.4 50.0
55 24.6 19.3 28.9
61 23.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.321 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

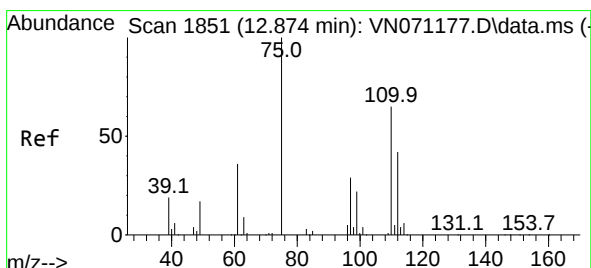
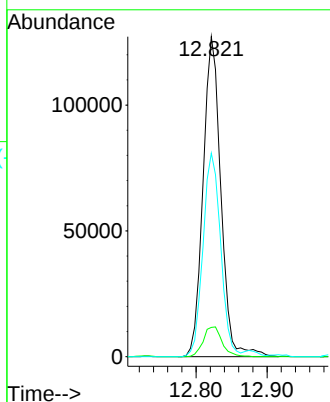
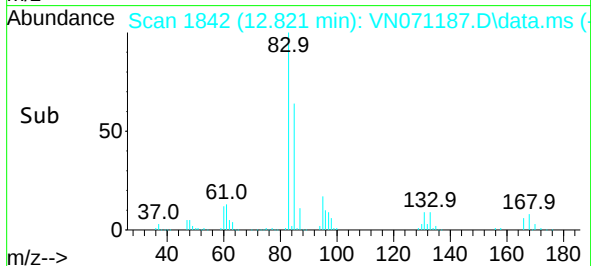
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



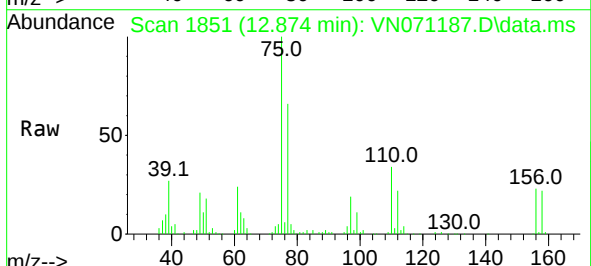
Tgt Ion: 83 Resp: 222364
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 62.9 32.4 97.2

Manual Integrations
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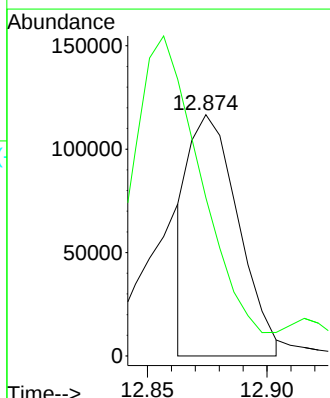
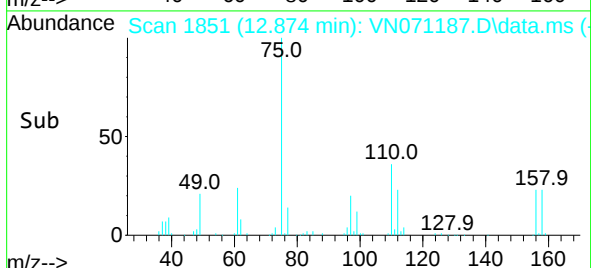
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

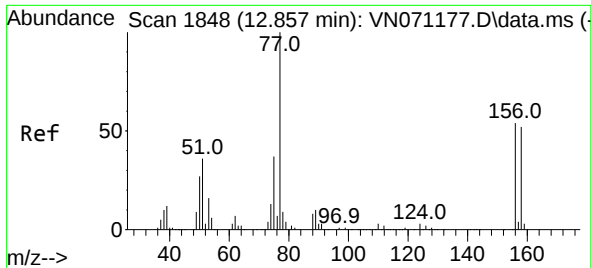


#76
1,2,3-Trichloropropane
Concen: 17.715 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



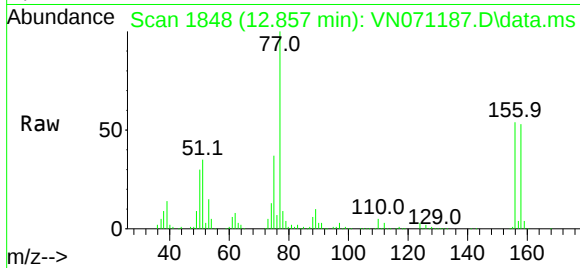
Tgt Ion: 75 Resp: 168285
Ion Ratio Lower Upper
75 100
77 193.6 82.6 247.8





#77
Bromobenzene
Concen: 18.259 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

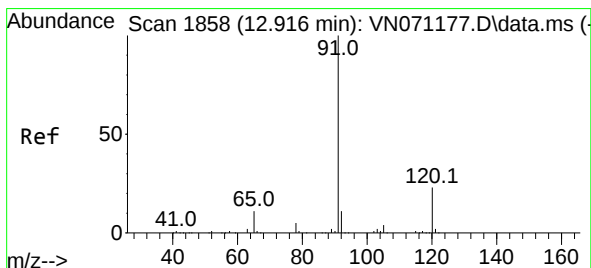
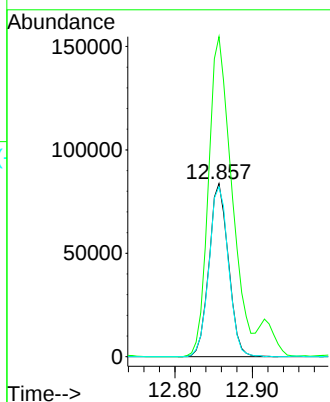
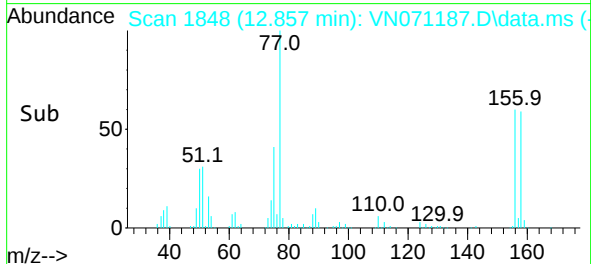
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBSD01



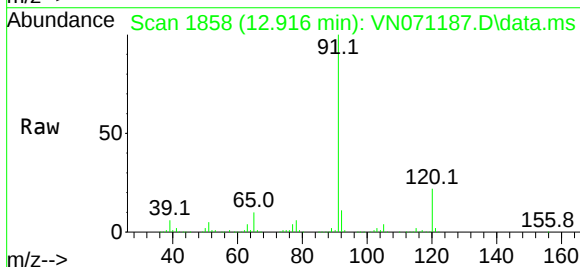
Tgt Ion:156 Resp: 145868
Ion Ratio Lower Upper
156 100
77 223.3 90.6 271.8
158 99.1 48.9 146.7

Manual Integrations
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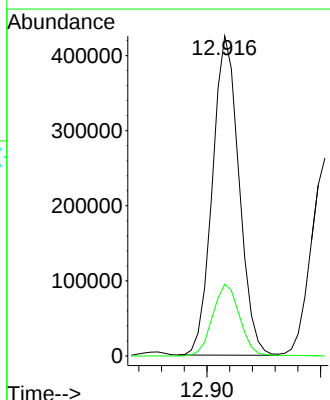
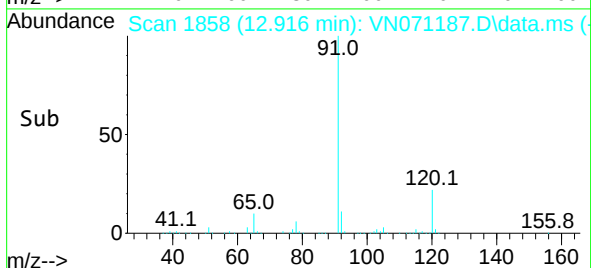
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

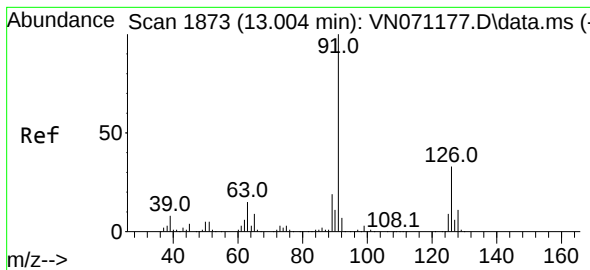


#78
n-propylbenzene
Concen: 18.799 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



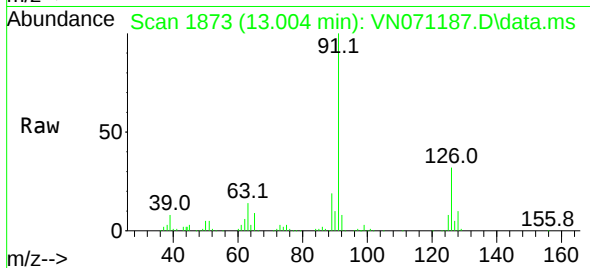
Tgt Ion: 91 Resp: 691118
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





#79
2-Chlorotoluene
Concen: 18.513 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

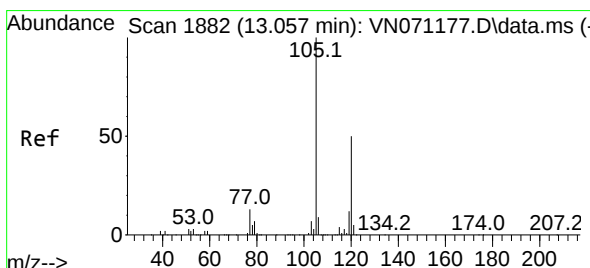
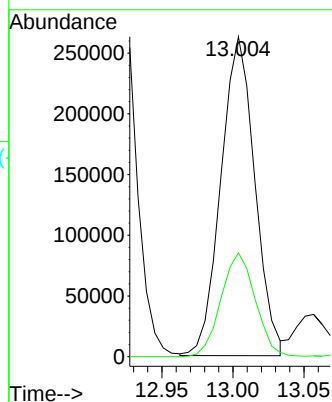
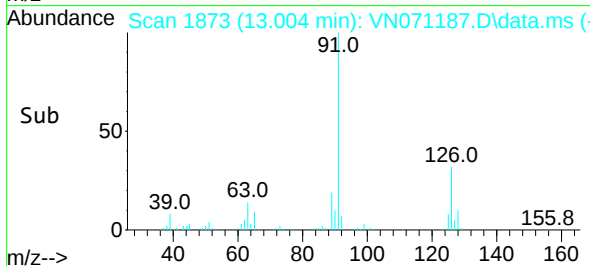
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



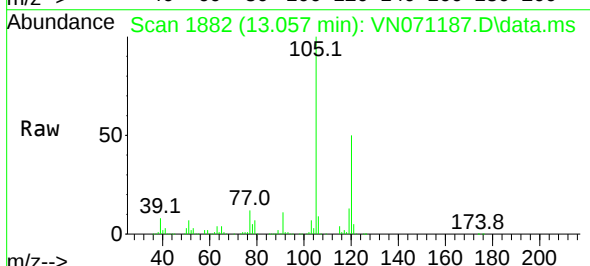
Tgt Ion: 91 Resp: 436894
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

Manual Integrations
APPROVED

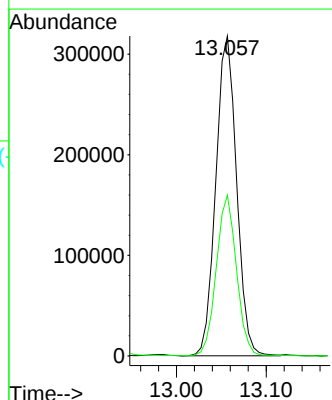
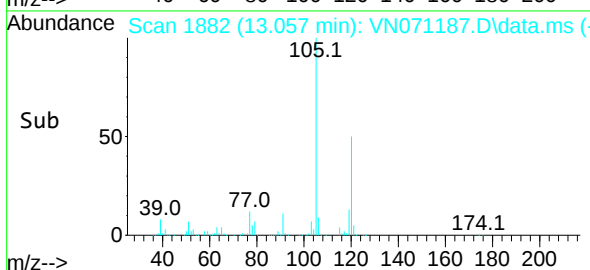
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

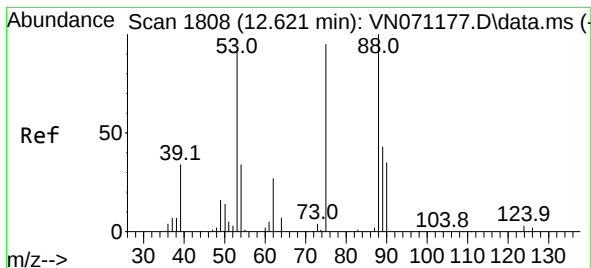


#80
1,3,5-Trimethylbenzene
Concen: 19.152 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion:105 Resp: 510471
Ion Ratio Lower Upper
105 100
120 49.0 24.6 73.6





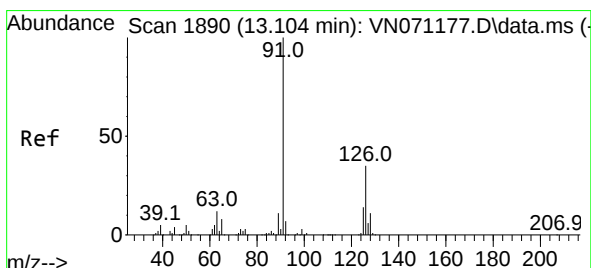
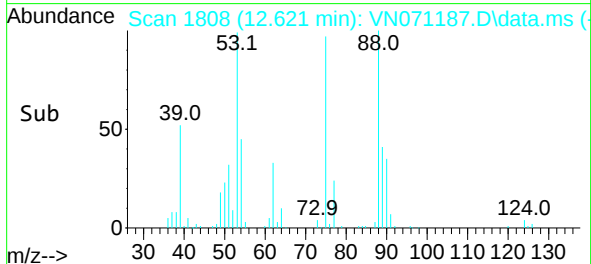
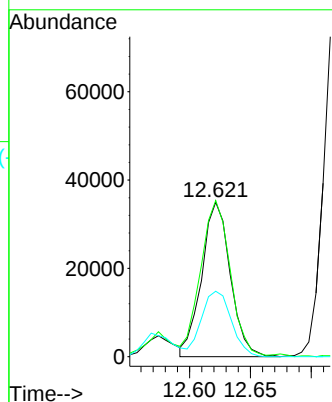
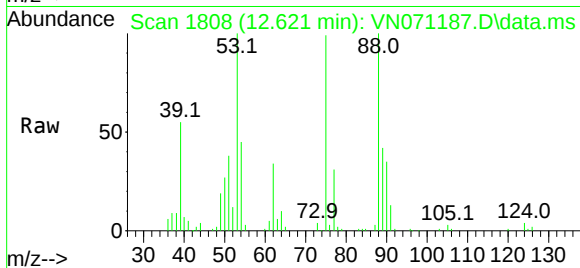
#81
trans-1,4-Dichloro-2-butene
Concen: 17.397 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01

Tgt Ion: 75 Resp: 5719
Ion Ratio Lower Upper
75 100
53 102.7 90.5 135.7
89 44.0 38.2 57.4

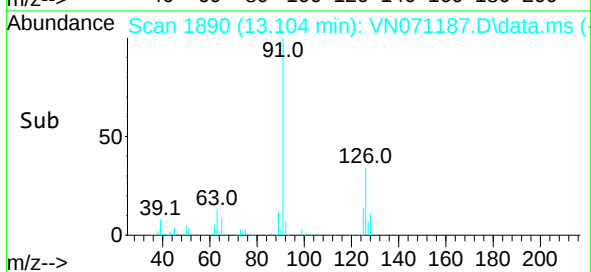
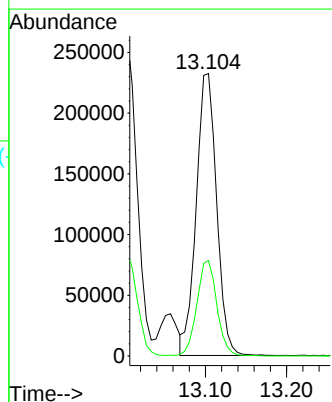
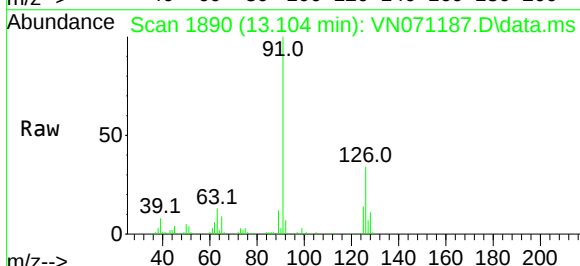
Manual Integrations
APPROVED

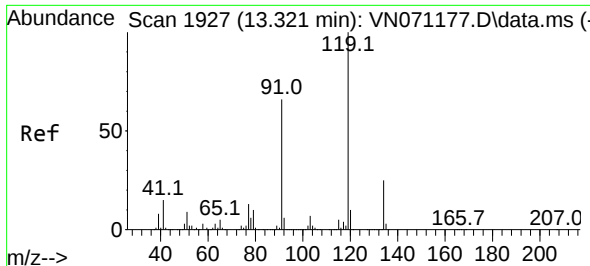
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#82
4-Chlorotoluene
Concen: 19.285 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

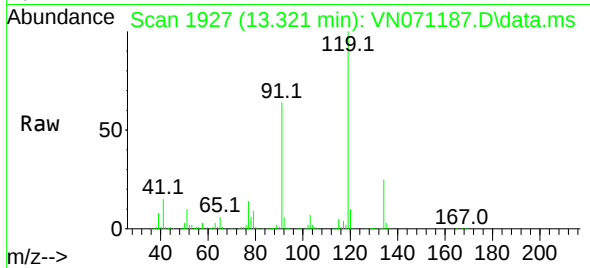
Tgt Ion: 91 Resp: 405387
Ion Ratio Lower Upper
91 100
126 33.4 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.172 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

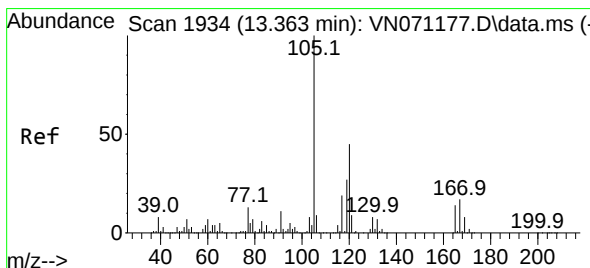
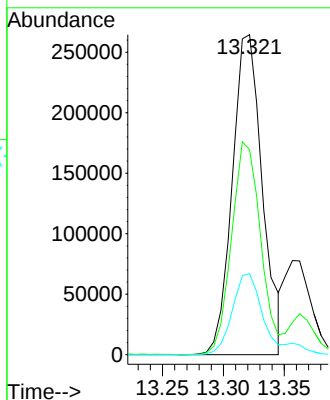
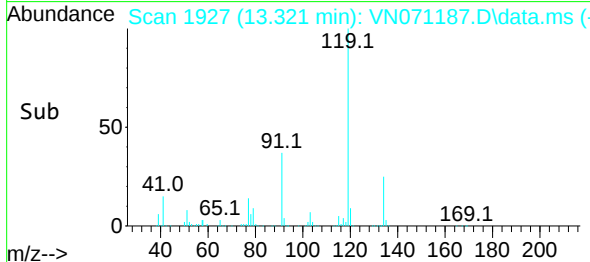
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



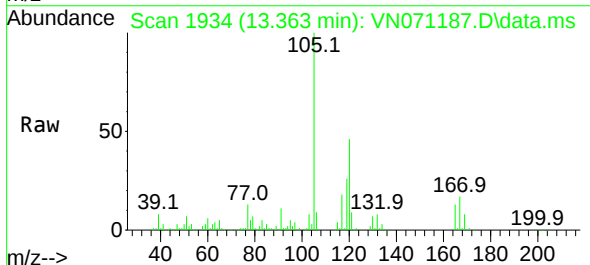
Tgt Ion:119 Resp: 456040
Ion Ratio Lower Upper
119 100
91 64.1 31.5 94.5
134 27.3 12.4 37.4

Manual Integrations
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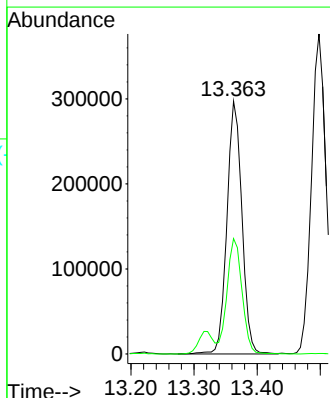
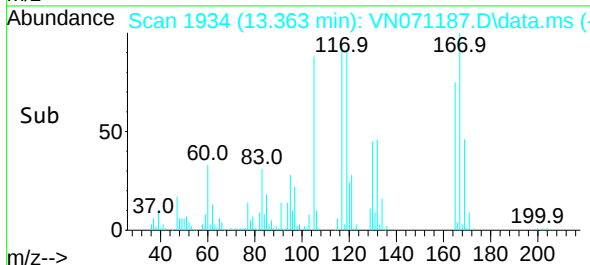
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022

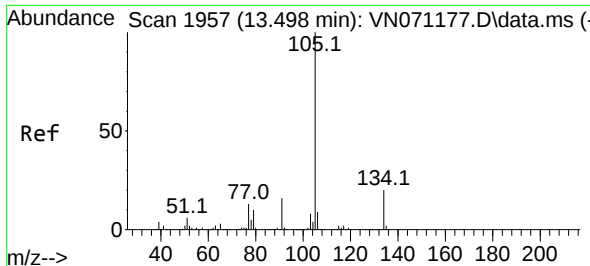


#84
1,2,4-Trimethylbenzene
Concen: 19.157 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53



Tgt Ion:105 Resp: 489092
Ion Ratio Lower Upper
105 100
120 46.2 22.8 68.4





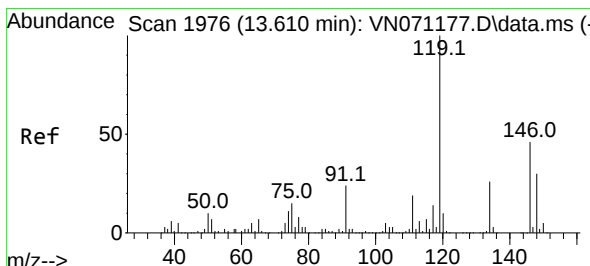
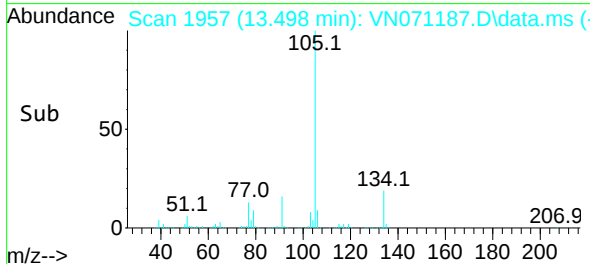
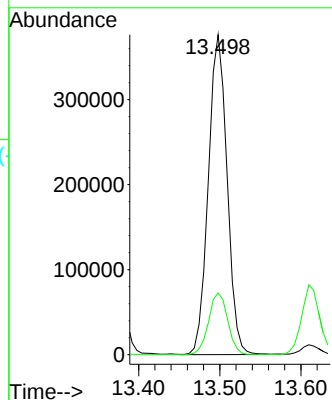
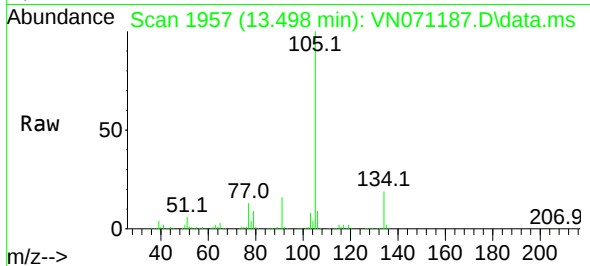
#85
 sec-Butylbenzene
 Concen: 19.083 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0308MBSD01

Tgt Ion:105 Resp: 60333
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

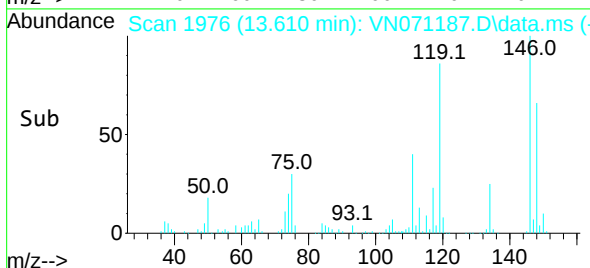
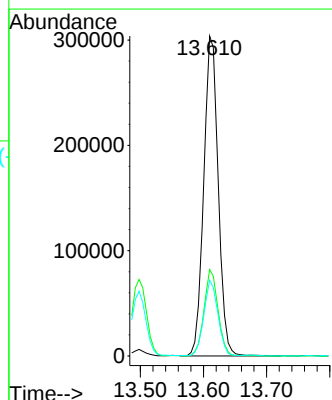
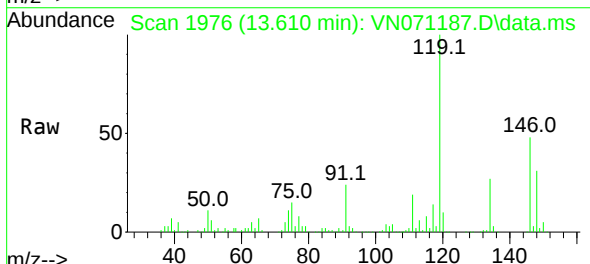
Manual Integrations
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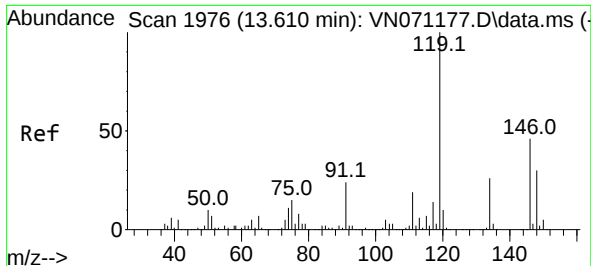
Reviewed By :John Carlone 03/09/2022
 Supervised By :Mahesh Dadoda 03/09/2022



#86
 p-Isopropyltoluene
 Concen: 19.445 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071187.D
 Acq: 08 Mar 2022 13:53

Tgt Ion:119 Resp: 483480
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.6 40.7
 91 22.8 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.996 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

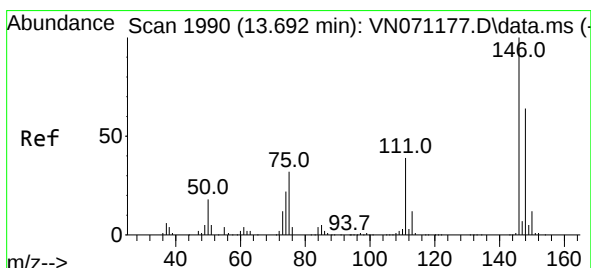
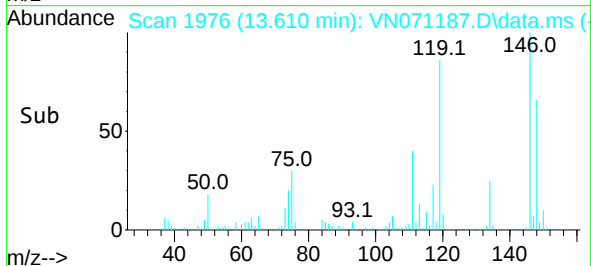
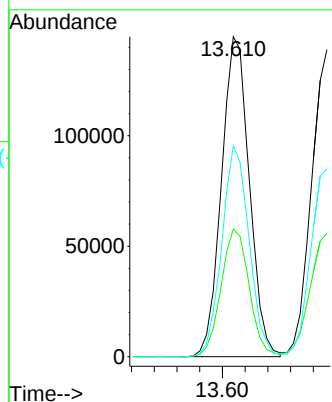
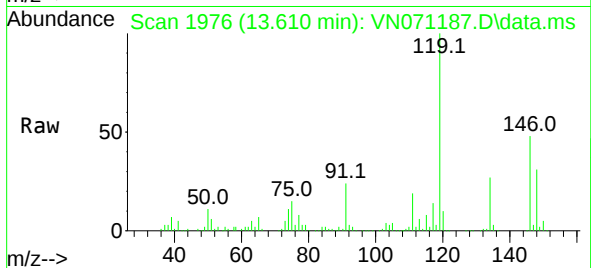
Tgt Ion:146 Resp: 246572
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.6 55.6
 148 64.8 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/09/2022

Supervised By :Mahesh Dadoda 03/09/2022



#88

1,4-Dichlorobenzene

Concen: 18.656 ug/l

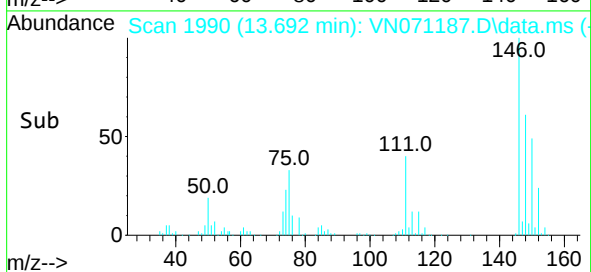
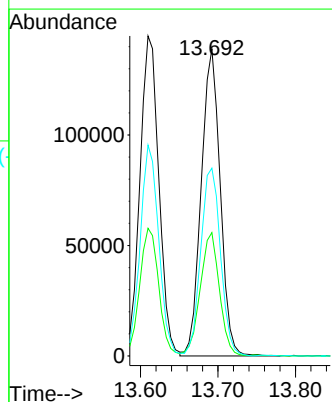
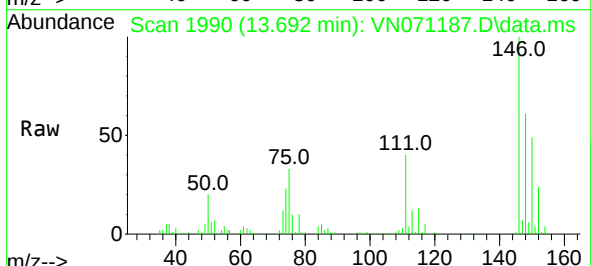
RT: 13.692 min Scan# 1990

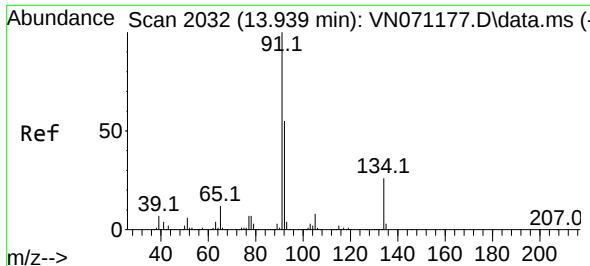
Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Tgt Ion:146 Resp: 236712
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.3 54.8
 148 63.7 31.8 95.4





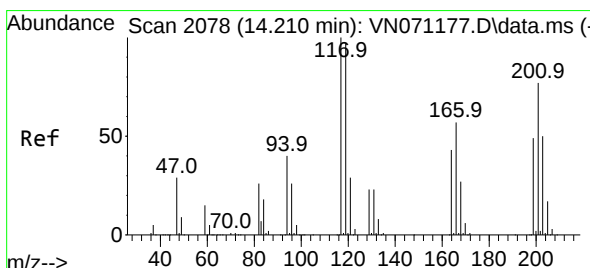
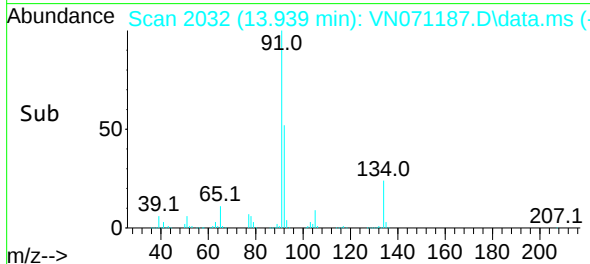
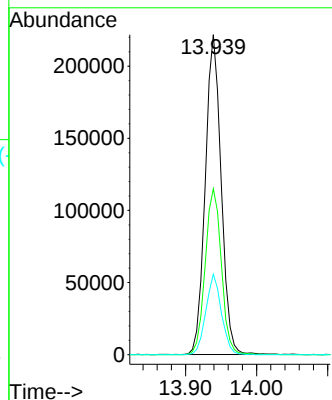
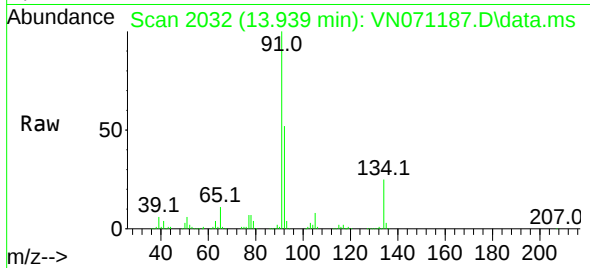
#89
n-Butylbenzene
Concen: 17.771 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01

Tgt Ion: 91 Resp: 345609
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 24.6 13.6 40.8

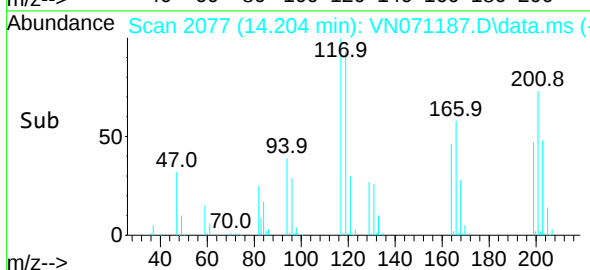
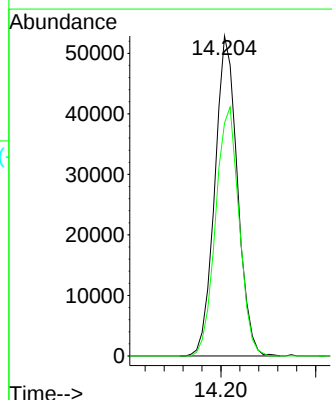
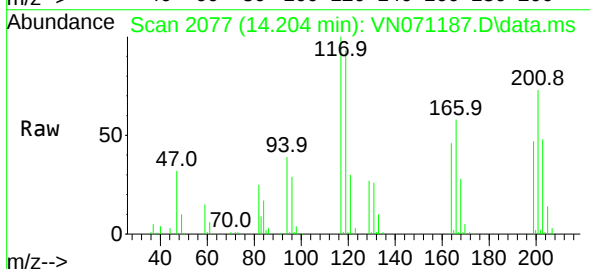
Manual Integrations
APPROVED

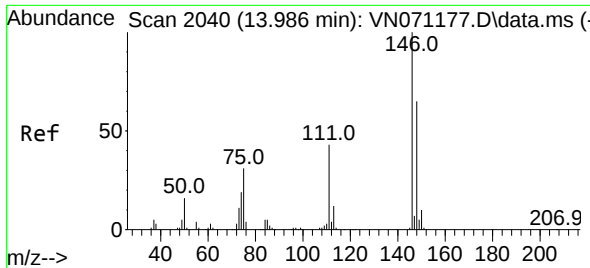
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#90
Hexachloroethane
Concen: 17.732 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

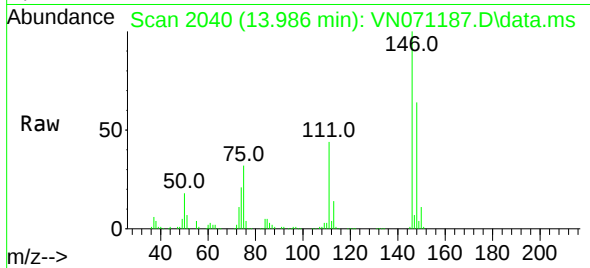
Tgt Ion:117 Resp: 87677
Ion Ratio Lower Upper
117 100
201 80.5 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.173 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

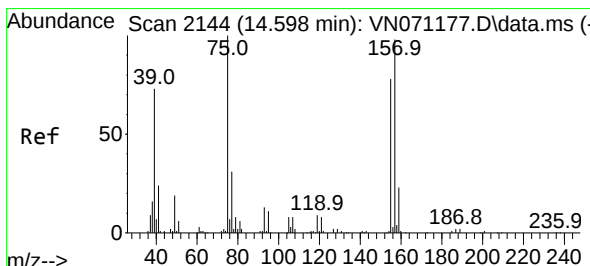
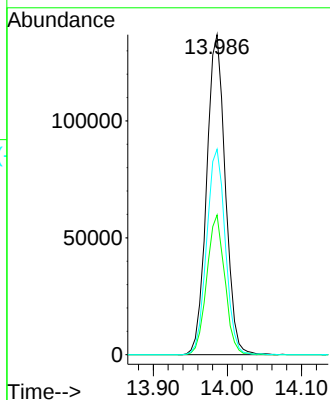
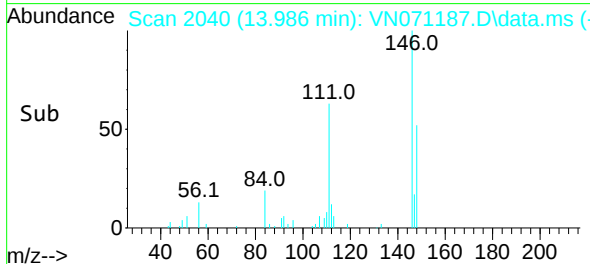
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



Tgt Ion:146 Resp: 23926
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.3
148 64.2 32.1 96.3

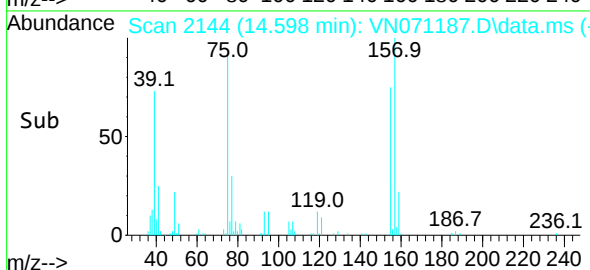
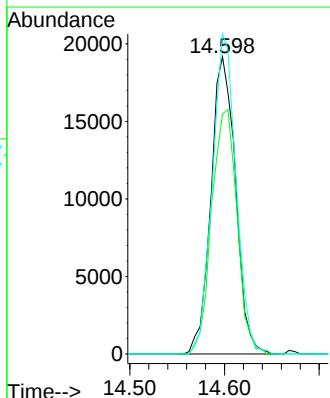
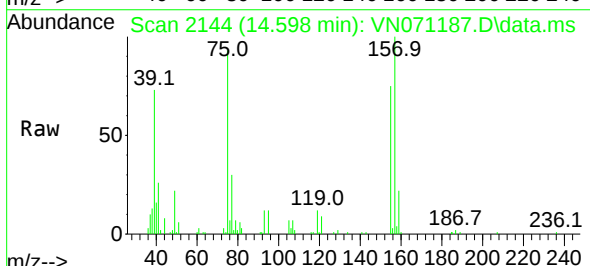
Manual Integrations
APPROVED

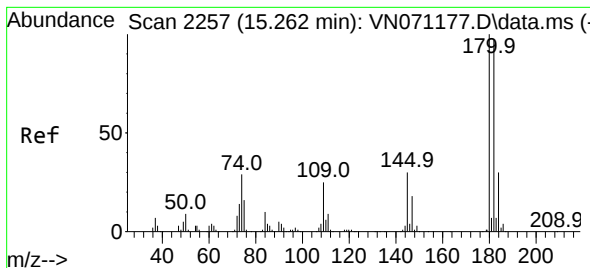
Reviewed By :John Carlone 03/09/2022
Supervised By :Mahesh Dadoda 03/09/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.367 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Tgt Ion: 75 Resp: 34619
Ion Ratio Lower Upper
75 100
155 84.7 46.9 140.7
157 103.9 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.933 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

VN0308MBS01

Tgt Ion:180 Resp: 98769

Ion Ratio Lower Upper

180 100

182 96.8 48.3 144.9

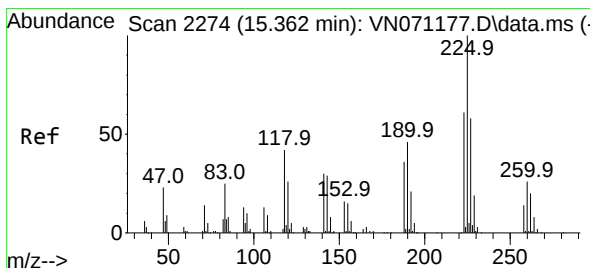
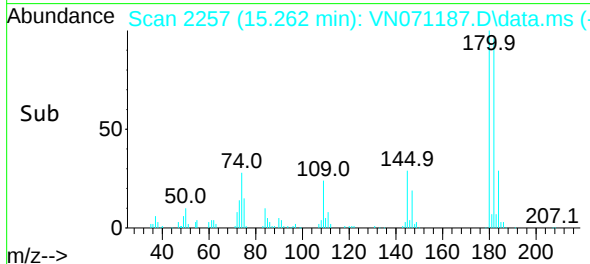
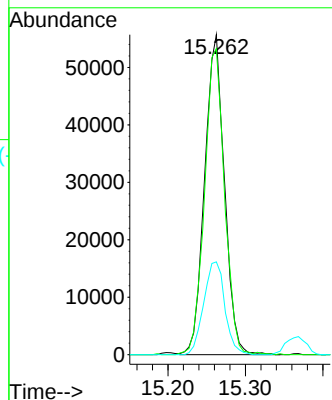
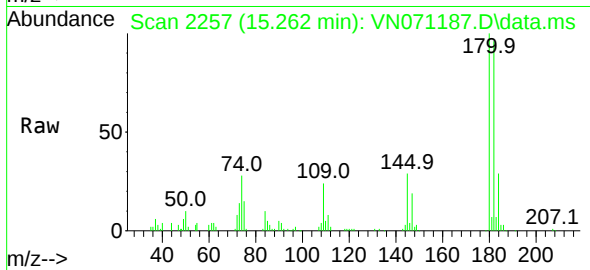
145 31.0 14.5 43.5

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#94

Hexachlorobutadiene

Concen: 19.486 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN071187.D

Acq: 08 Mar 2022 13:53

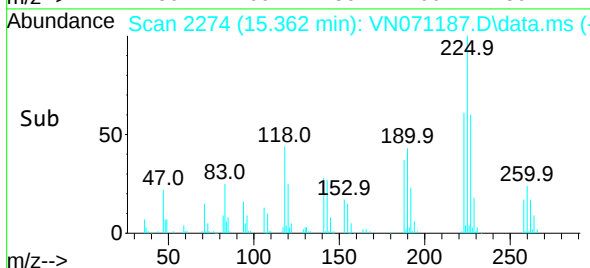
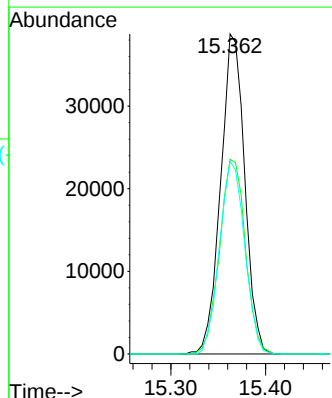
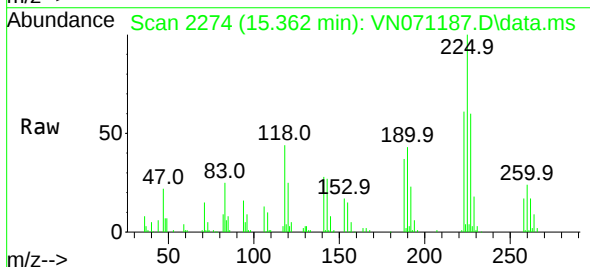
Tgt Ion:225 Resp: 68267

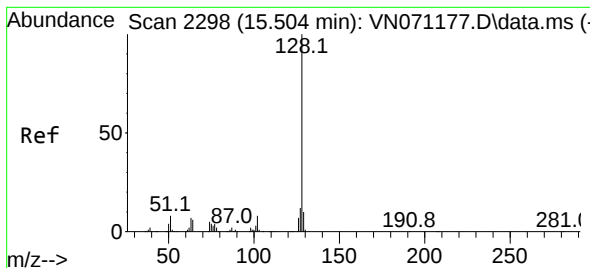
Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.7

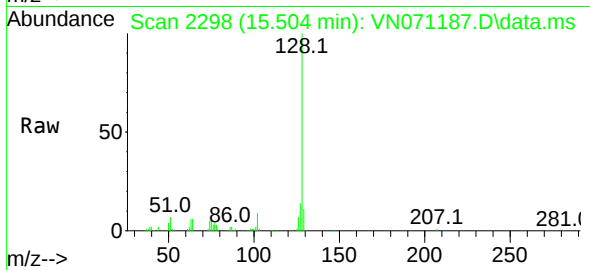
227 63.2 32.1 96.3





#95
Naphthalene
Concen: 17.438 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

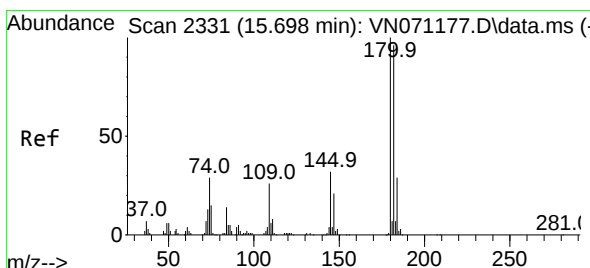
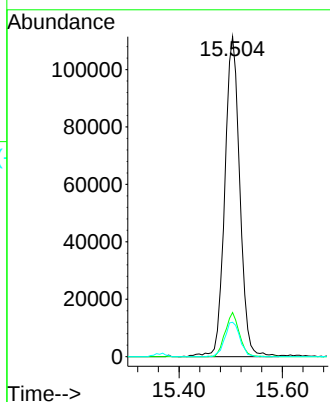
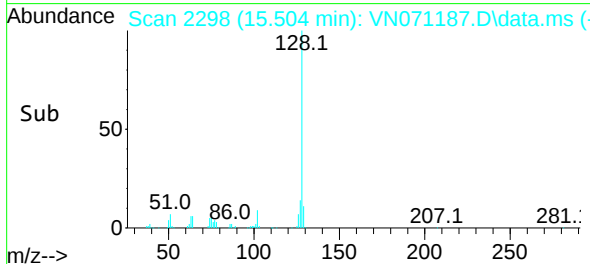
Instrument :
MSVOA_N
ClientSampleId :
VN0308MBS01



Tgt Ion:128 Resp: 224270
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 03/09/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.669 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071187.D
Acq: 08 Mar 2022 13:53

Tgt Ion:180 Resp: 94064
Ion Ratio Lower Upper
180 100
182 92.2 47.4 142.2
145 31.8 15.0 45.1

