

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071090.D
 Acq On : 28 Feb 2022 12:38
 Operator : JC\MD
 Sample : VN0228MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Feb 28 16:08:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	598288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	956464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	853949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	348054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	390344	57.115	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 114.240%	
35) Dibromofluoromethane	8.016	113	308823	54.284	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 108.560%	
50) Toluene-d8	10.439	98	1226710	53.693	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.727	95	408055	49.967	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	120057	19.320	ug/l	98
3) Chloromethane	2.299	50	162090	20.752	ug/l	100
4) Vinyl Chloride	2.446	62	149410	19.109	ug/l	98
5) Bromomethane	2.857	94	89378	20.123	ug/l	94
6) Chloroethane	3.016	64	107895	21.034	ug/l	97
7) Trichlorofluoromethane	3.381	101	206565	21.081	ug/l	97
8) Diethyl Ether	3.828	74	87321	20.500	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.216	101	124578	20.722	ug/l	95
10) Methyl Iodide	4.422	142	164859	19.800	ug/l	99
11) Tert butyl alcohol	5.351	59	132058	106.027	ug/l	99
12) 1,1-Dichloroethene	4.181	96	116860	19.951	ug/l	96
13) Acrolein	4.040	56	96583	86.780	ug/l	98
14) Allyl chloride	4.845	41	240975	21.572	ug/l	87
15) Acrylonitrile	5.545	53	437022	119.121	ug/l	99
16) Acetone	4.281	43	395365	105.043	ug/l	95
17) Carbon Disulfide	4.534	76	283139	16.857	ug/l	99
18) Methyl Acetate	4.857	43	205853	24.673	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	455939	22.191	ug/l	96
20) Methylene Chloride	5.093	84	145729	21.304	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	126118	20.061	ug/l	92
22) Diisopropyl ether	6.492	45	522384	24.382	ug/l	93
23) Vinyl Acetate	6.428	43	2144218	118.228	ug/l	99
24) 1,1-Dichloroethane	6.381	63	269052	22.402	ug/l	98
25) 2-Butanone	7.328	43	599606	119.754	ug/l	96
26) 2,2-Dichloropropane	7.322	77	216625	21.702	ug/l	97
27) cis-1,2-Dichloroethene	7.328	96	152745	21.140	ug/l	89
28) Bromochloromethane	7.651	49	92455	19.020	ug/l	85
29) Tetrahydrofuran	7.681	42	403294	124.335	ug/l	92
30) Chloroform	7.816	83	261762	22.160	ug/l	99
31) Cyclohexane	8.092	56	251199	21.252	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	221451	21.709	ug/l	98
36) 1,1-Dichloropropene	8.216	75	189432	20.324	ug/l	96
37) Ethyl Acetate	7.404	43	240181	24.028	ug/l	98
38) Carbon Tetrachloride	8.204	117	191015	20.800	ug/l	97
39) Methylcyclohexane	9.457	83	231600	19.311	ug/l	93
40) Benzene	8.457	78	593810	21.538	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	113632	21.584	ug/l	94
42) 1,2-Dichloroethane	8.528	62	213312	22.717	ug/l	98
43) Isopropyl Acetate	8.557	43	381210	24.195	ug/l	96
44) Trichloroethene	9.210	130	141652	19.511	ug/l	98
45) 1,2-Dichloropropane	9.486	63	160958	22.791	ug/l	99
46) Dibromomethane	9.575	93	97558	20.991	ug/l	98
47) Bromodichloromethane	9.757	83	196645	20.935	ug/l	100
48) Methyl methacrylate	9.551	41	175059	23.473	ug/l #	83
49) 1,4-Dioxane	9.563	88	54741	413.266	ug/l #	86
51) 4-Methyl-2-Pentanone	10.327	43	1153175	120.294	ug/l	99
52) Toluene	10.498	92	365980	21.125	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	211135	20.672	ug/l	98
54) cis-1,3-Dichloropropene	10.180	75	235777	21.020	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	147577	21.762	ug/l	97
56) Ethyl methacrylate	10.757	69	223784	21.903	ug/l	90
57) 1,3-Dichloropropane	11.039	76	255151	21.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	161119	93.676	ug/l	96
59) 2-Hexanone	11.080	43	785220	119.099	ug/l	99
60) Dibromochloromethane	11.233	129	148213	20.681	ug/l	99
61) 1,2-Dibromoethane	11.339	107	141541	20.521	ug/l	99
64) Tetrachloroethene	10.975	164	125120	18.814	ug/l	99
65) Chlorobenzene	11.763	112	375217	20.391	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	141579	21.107	ug/l	99
67) Ethyl Benzene	11.839	91	678671	21.073	ug/l	98
68) m/p-Xylenes	11.945	106	509668	40.969	ug/l	97
69) o-Xylene	12.274	106	253854	20.889	ug/l	98
70) Styrene	12.286	104	400258	20.714	ug/l	97
71) Bromoform	12.451	173	106525	19.941	ug/l #	100
73) Isopropylbenzene	12.574	105	655204	23.387	ug/l	100
74) N-amyl acetate	12.386	43	214878	23.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	223294	25.082	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	157101m	19.170	ug/l	
77) Bromobenzene	12.857	156	152714	22.267	ug/l	84
78) n-propylbenzene	12.916	91	714827	22.710	ug/l	98
79) 2-Chlorotoluene	13.004	91	448402	23.458	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	526435	23.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	58910	23.294	ug/l	88
82) 4-Chlorotoluene	13.098	91	417069	22.477	ug/l	94
83) tert-Butylbenzene	13.321	119	476553	22.140	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	509368	22.798	ug/l	100
85) sec-Butylbenzene	13.498	105	636618	22.446	ug/l	98
86) p-Isopropyltoluene	13.610	119	506429	21.750	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	250847	20.662	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	241007	20.262	ug/l	98
89) n-Butylbenzene	13.939	91	357906	18.841	ug/l	97
90) Hexachloroethane	14.204	117	91684	22.049	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	247775	21.734	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	32647	22.634	ug/l	92
93) 1,2,4-Trichlorobenzene	15.257	180	97194	16.560	ug/l	98
94) Hexachlorobutadiene	15.362	225	72421	17.420	ug/l	98
95) Naphthalene	15.504	128	181763	15.505	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	88529	16.748	ug/l	99

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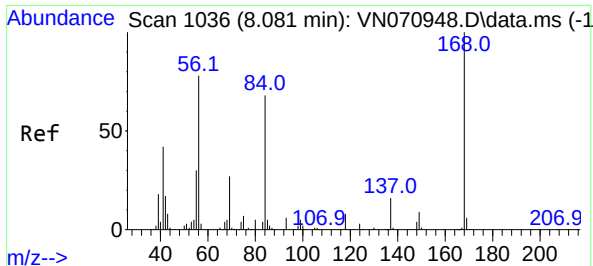
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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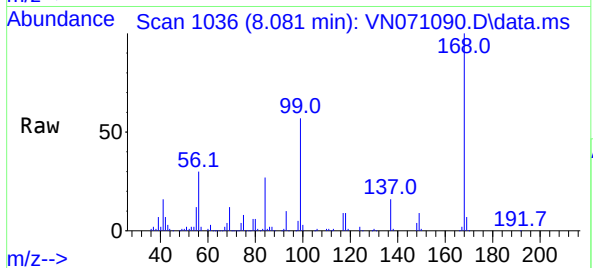
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

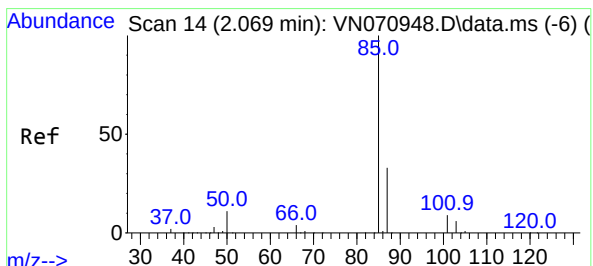
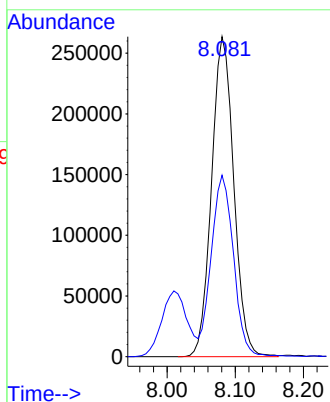
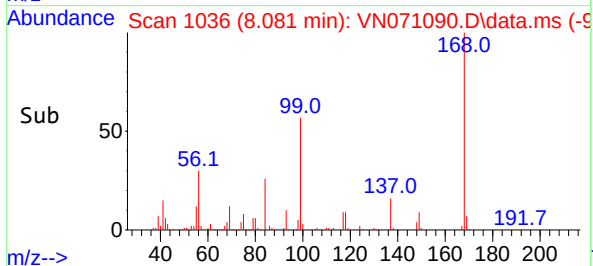
Instrument :
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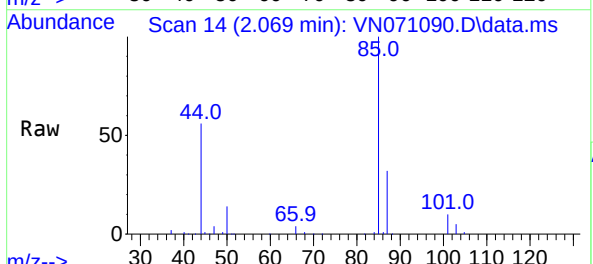
Tgt Ion:168 Resp: 59828
Ion Ratio Lower Upper
168 100
99 56.4 41.3 61.9

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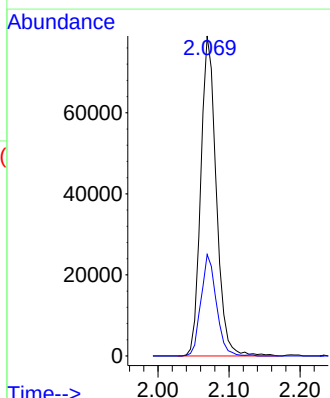
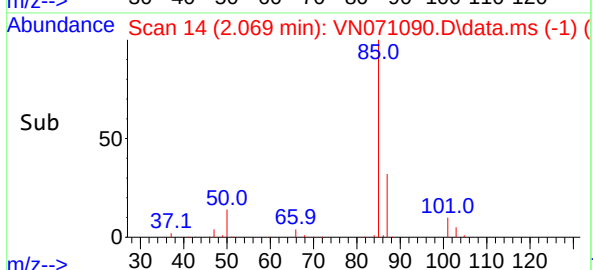
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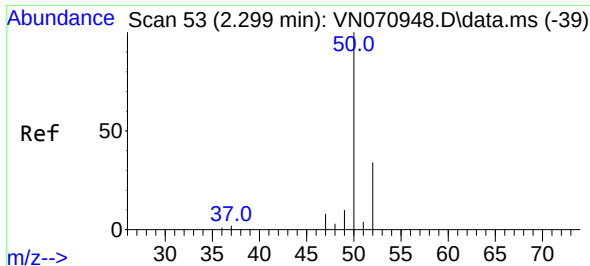


#2
Dichlorodifluoromethane
Concen: 19.320 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



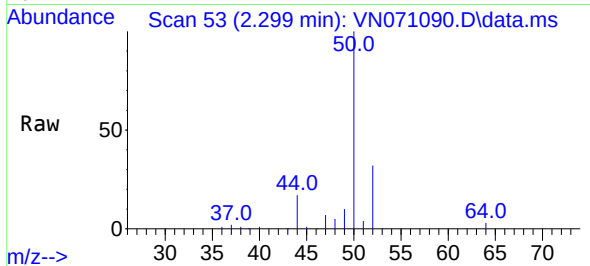
Tgt Ion: 85 Resp: 120057
Ion Ratio Lower Upper
85 100
87 31.7 16.3 48.9





#3
Chloromethane
Concen: 20.752 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

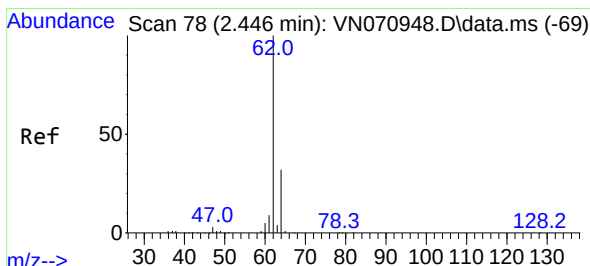
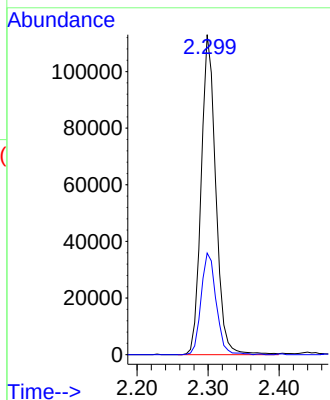
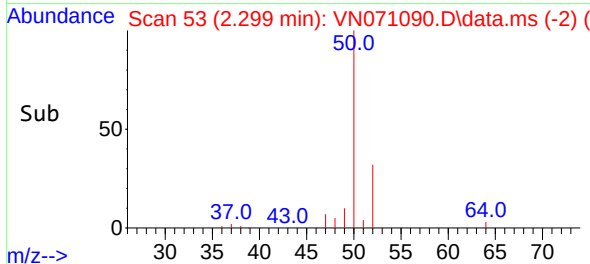
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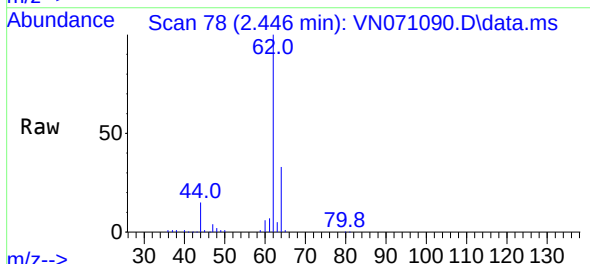
Tgt Ion: 50 Resp: 162090
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

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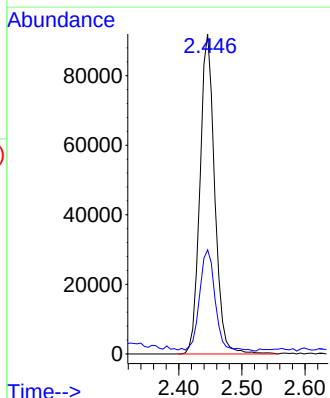
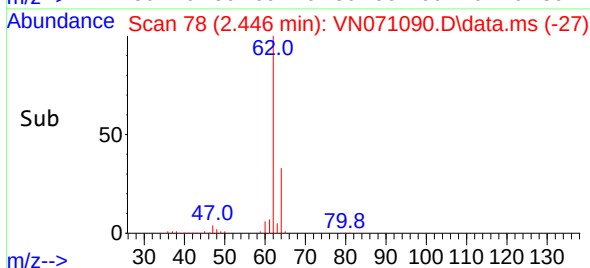
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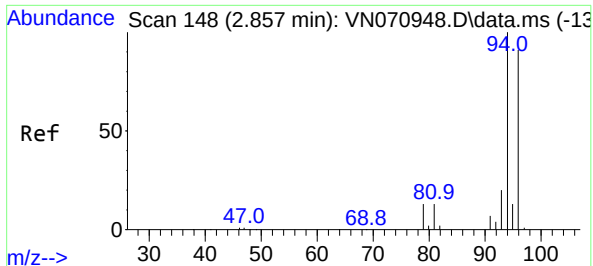


#4
Vinyl Chloride
Concen: 19.109 ug/l
RT: 2.446 min Scan# 78
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



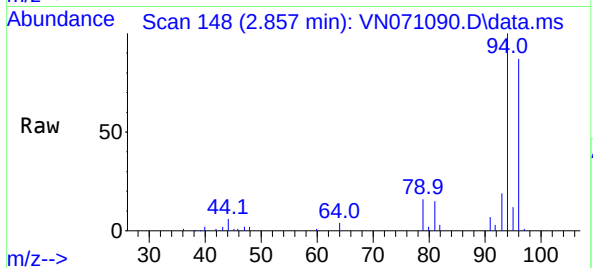
Tgt Ion: 62 Resp: 149410
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 20.123 ug/l
RT: 2.857 min Scan# 148
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

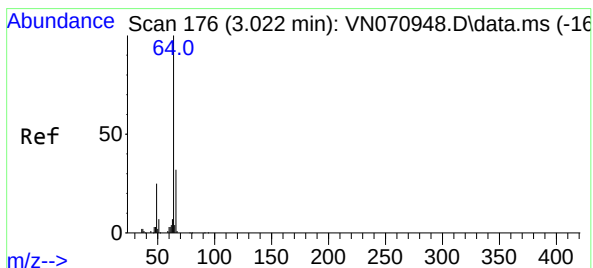
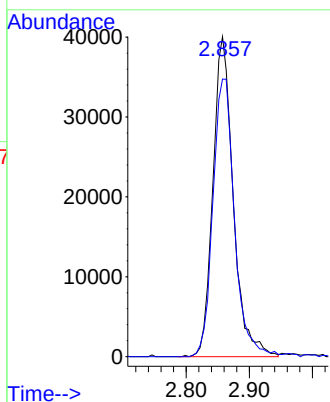
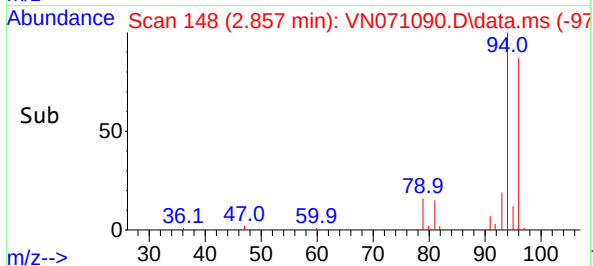
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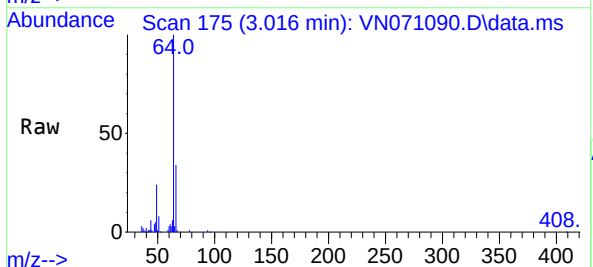
Tgt Ion: 94 Resp: 89378
Ion Ratio Lower Upper
94 100
96 86.7 73.8 110.8

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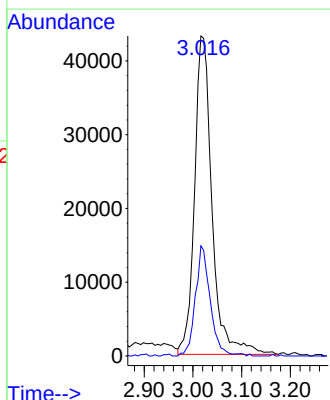
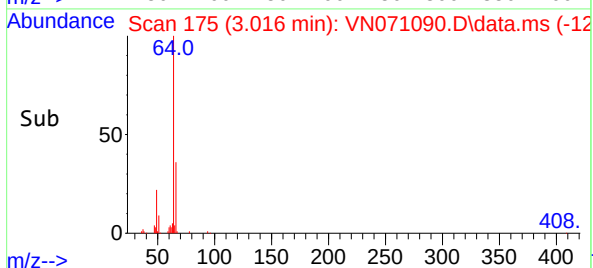
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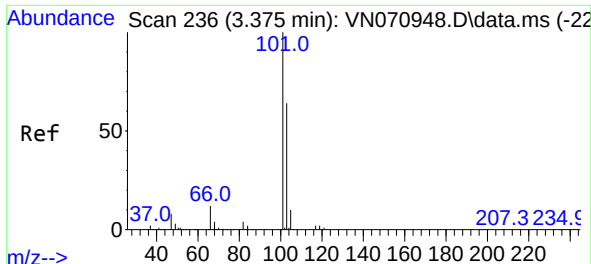


#6
Chloroethane
Concen: 21.034 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.006 min
Lab File: VN071090.D
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Tgt Ion: 64 Resp: 107895
Ion Ratio Lower Upper
64 100
66 34.6 26.3 39.5





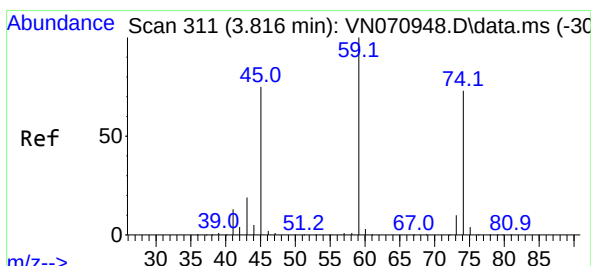
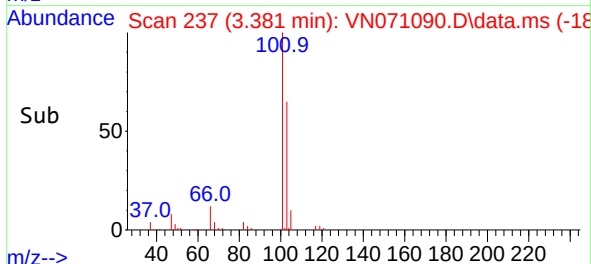
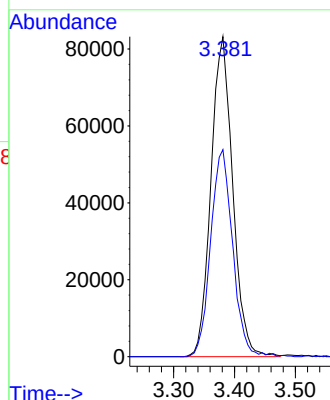
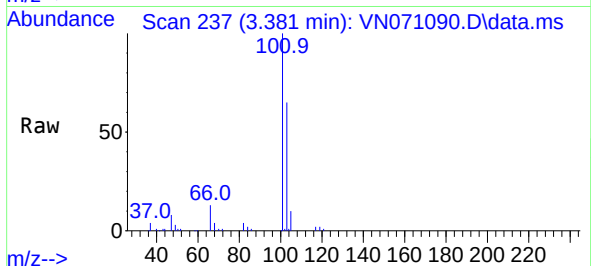
#7
Trichlorofluoromethane
Concen: 21.081 ug/l
RT: 3.381 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:101 Resp: 20656
Ion Ratio Lower Upper
101 100
103 64.7 50.1 75.1

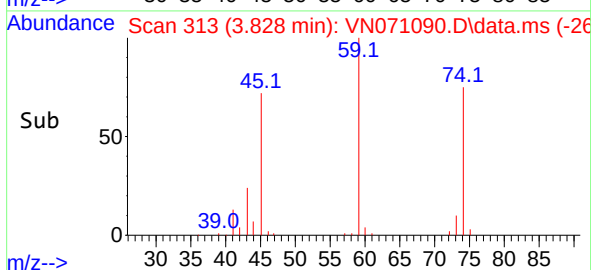
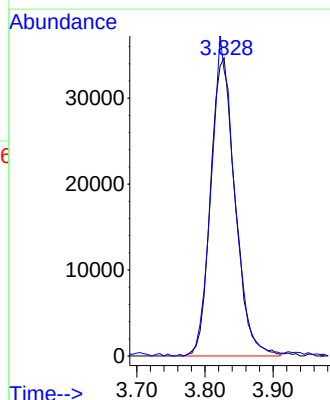
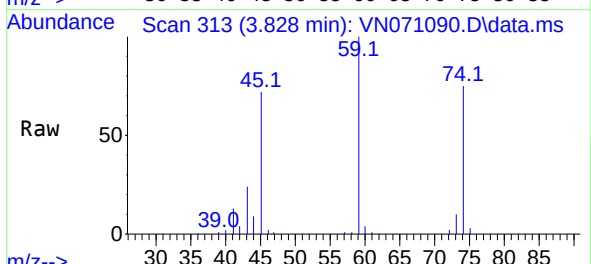
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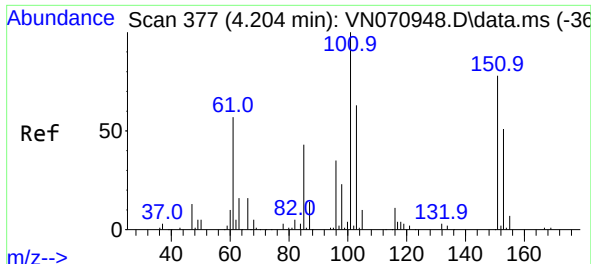
Reviewed By :John Carlone 03/01/2022
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#8
Diethyl Ether
Concen: 20.500 ug/l
RT: 3.828 min Scan# 313
Delta R.T. 0.012 min
Lab File: VN071090.D
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Tgt Ion: 74 Resp: 87321
Ion Ratio Lower Upper
74 100
45 101.1 47.0 141.2





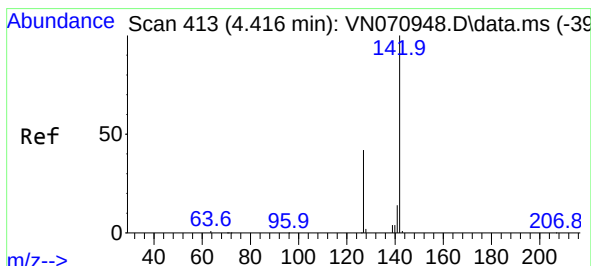
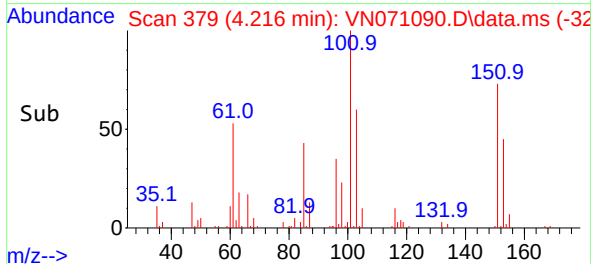
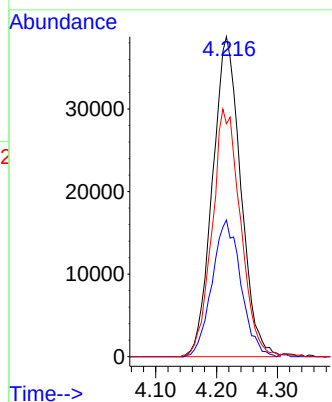
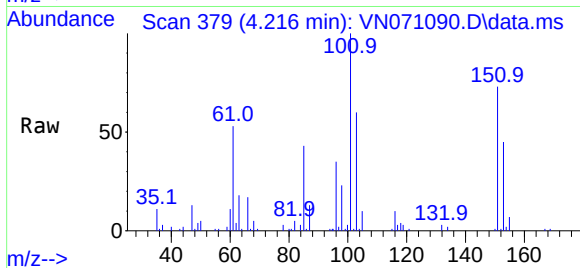
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.722 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:101 Resp: 124578
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 78.1 65.9 98.9

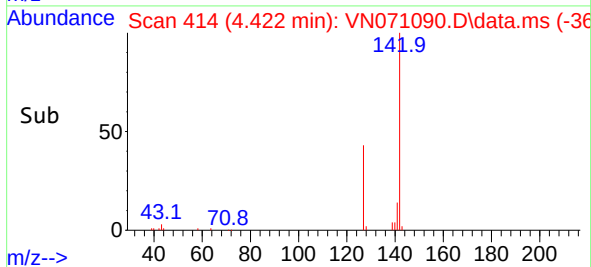
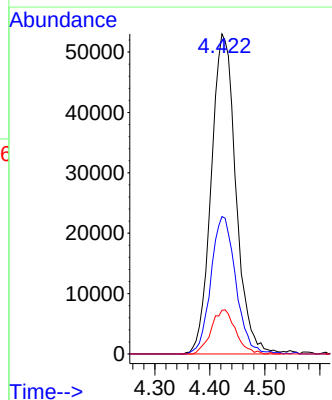
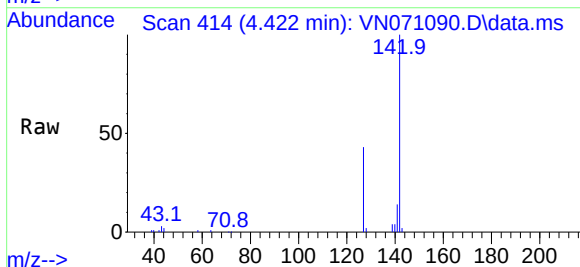
Manual Integrations
APPROVED

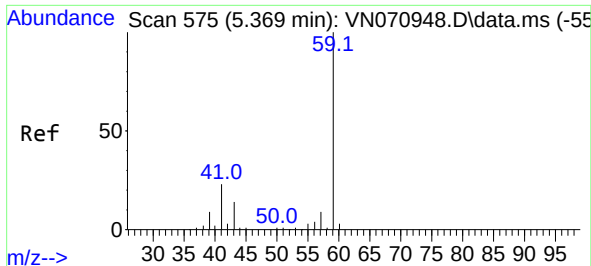
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#10
Methyl Iodide
Concen: 19.800 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

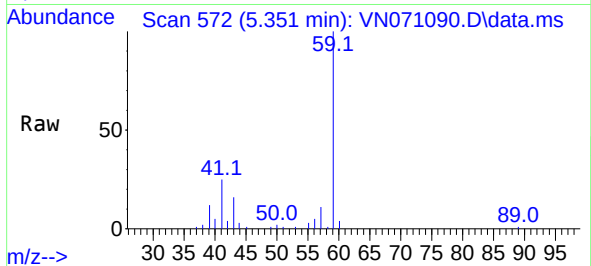
Tgt Ion:142 Resp: 164859
Ion Ratio Lower Upper
142 100
127 43.5 35.4 53.0
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 106.027 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

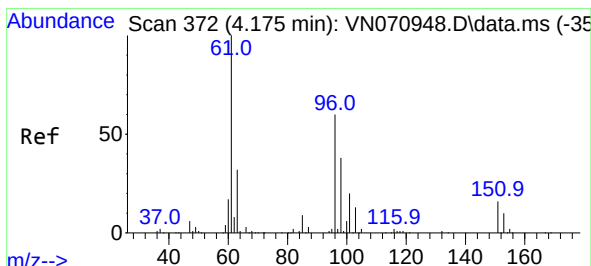
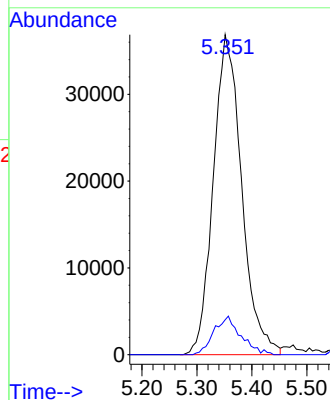
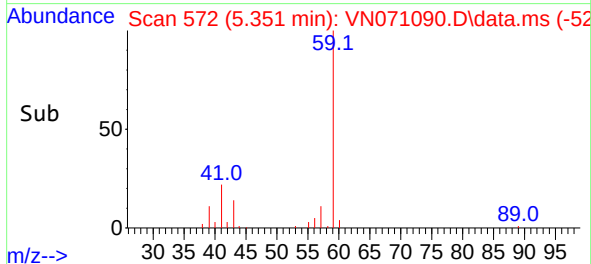
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



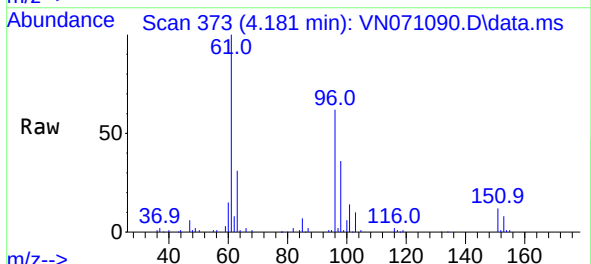
Tgt Ion: 59 Resp: 132058
Ion Ratio Lower Upper
59 100
57 11.4 8.7 13.1

Manual Integrations
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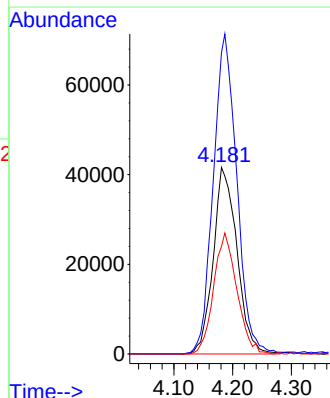
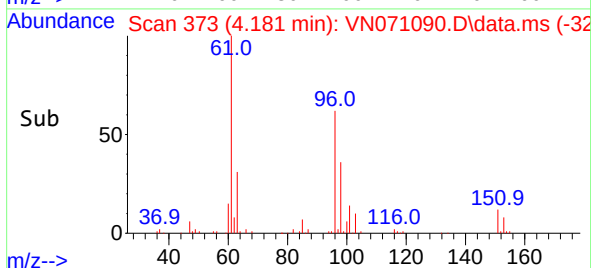
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

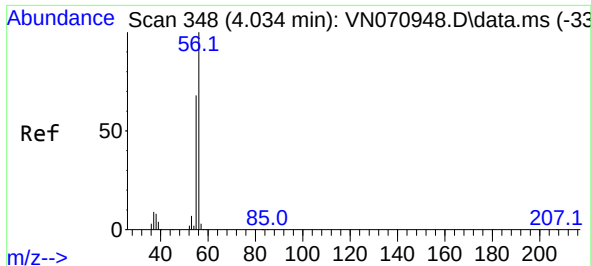


#12
1,1-Dichloroethene
Concen: 19.951 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion: 96 Resp: 116860
Ion Ratio Lower Upper
96 100
61 161.5 131.0 196.6
98 57.6 52.4 78.6





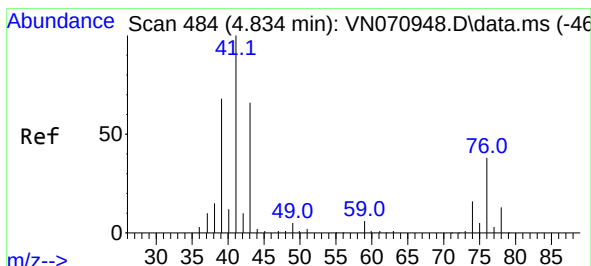
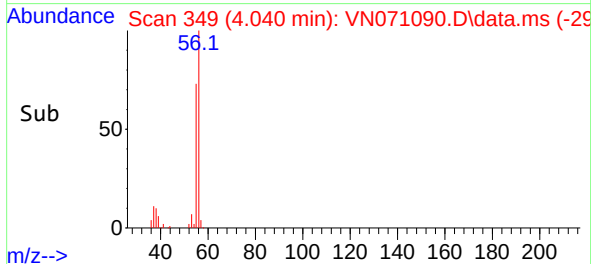
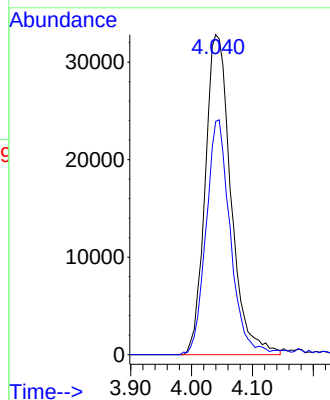
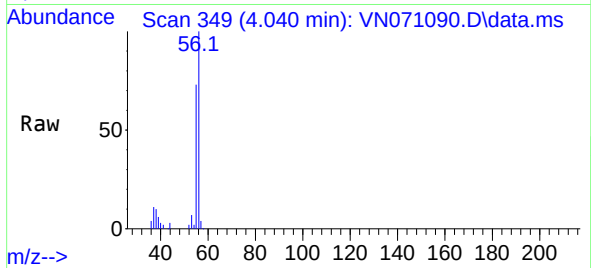
#13
Acrolein
Concen: 86.780 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
Client Sample Id :
VN0228MBS01

Tgt Ion: 56 Resp: 96583
Ion Ratio Lower Upper
56 100
55 68.8 56.6 85.0

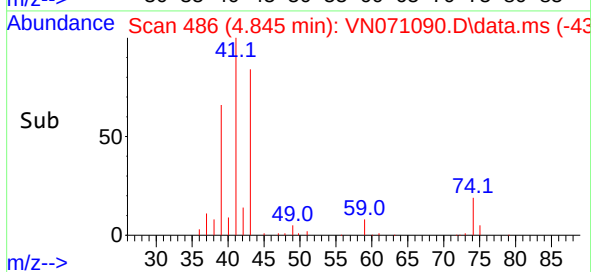
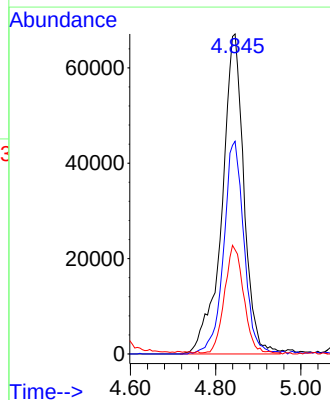
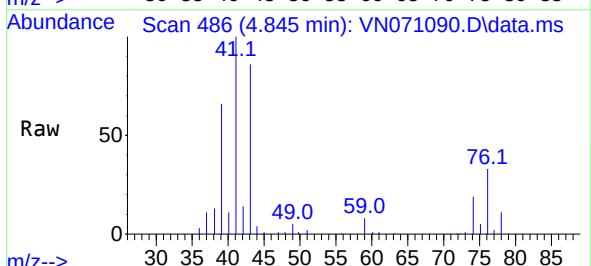
Manual Integrations
APPROVED

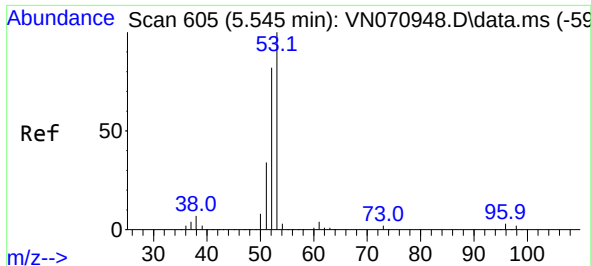
Reviewed By : John Carlone 03/01/2022
Supervised By : Mahesh Dadoda 03/01/2022



#14
Allyl chloride
Concen: 21.572 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

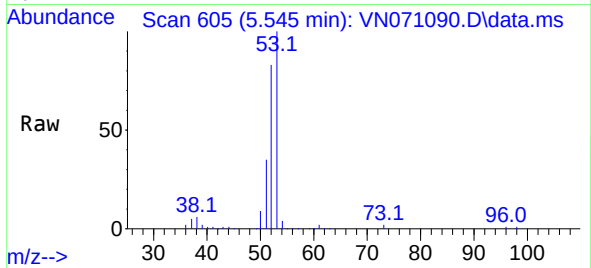
Tgt Ion: 41 Resp: 240975
Ion Ratio Lower Upper
41 100
39 61.6 61.2 91.8
76 30.0 26.0 39.0





#15
Acrylonitrile
Concen: 119.121 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

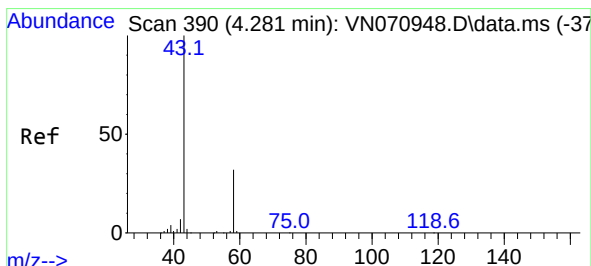
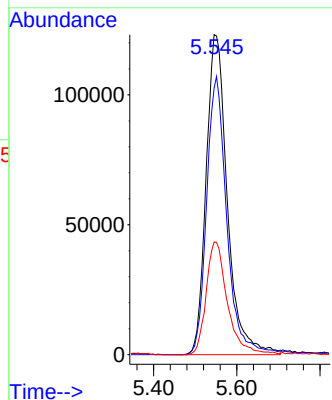
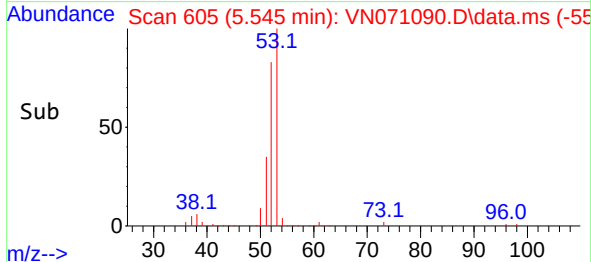
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



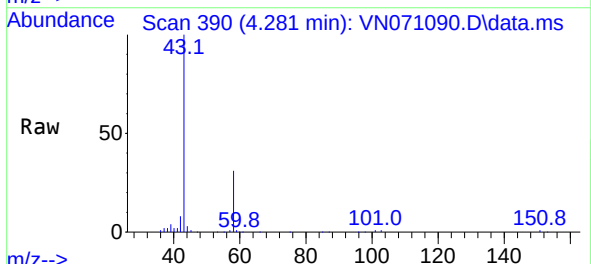
Tgt Ion: 53 Resp: 437022
Ion Ratio Lower Upper
53 100
52 82.5 66.2 99.2
51 35.4 29.6 44.4

Manual Integrations
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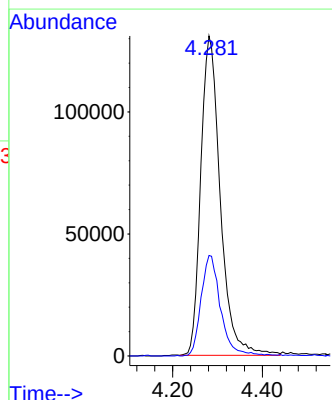
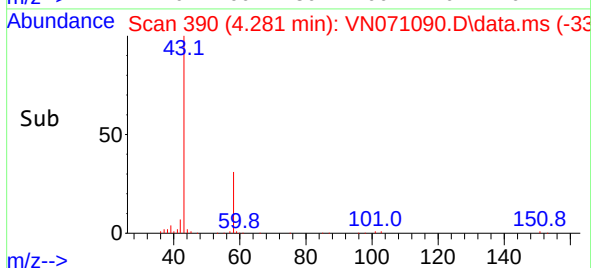
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

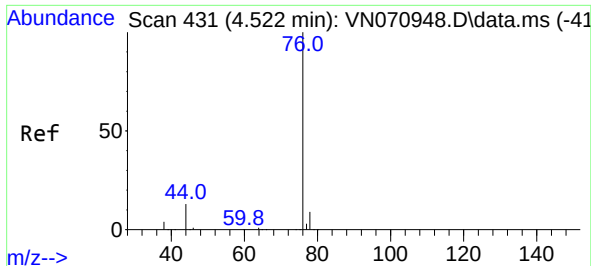


#16
Acetone
Concen: 105.043 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



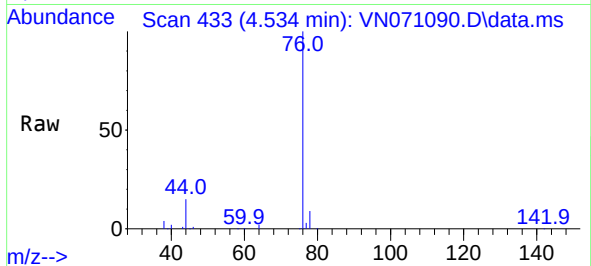
Tgt Ion: 43 Resp: 395365
Ion Ratio Lower Upper
43 100
58 31.5 23.1 34.7





#17
Carbon Disulfide
Concen: 16.857 ug/l
RT: 4.534 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

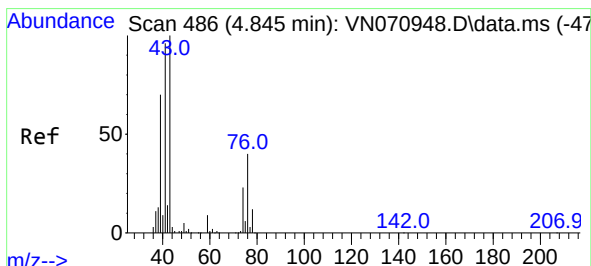
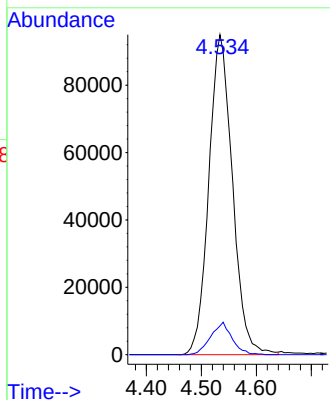
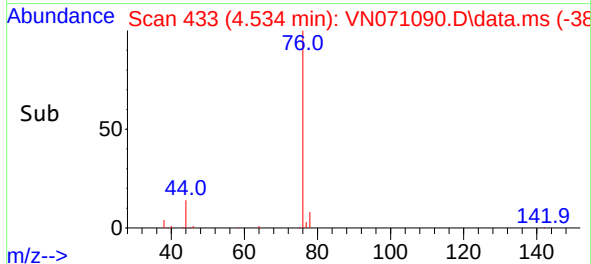
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



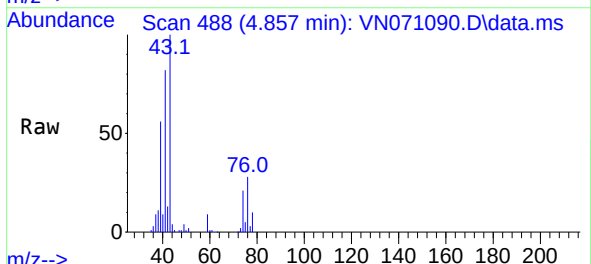
Tgt Ion: 76 Resp: 283139
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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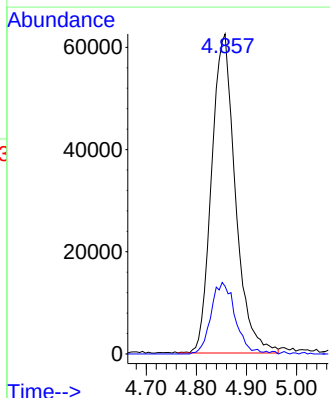
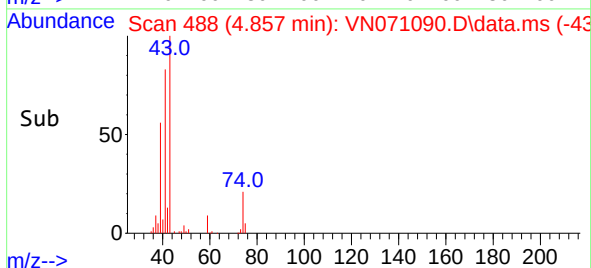
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

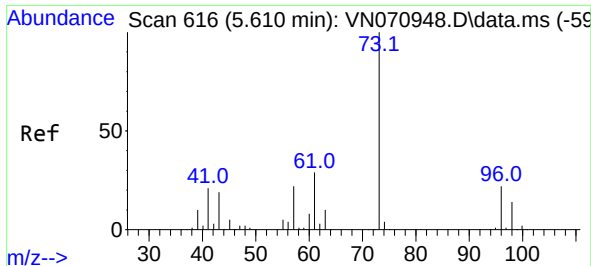


#18
Methyl Acetate
Concen: 24.673 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



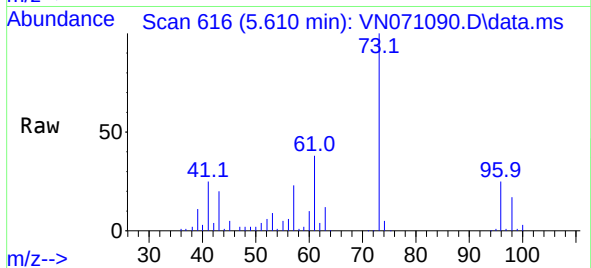
Tgt Ion: 43 Resp: 205853
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 22.191 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

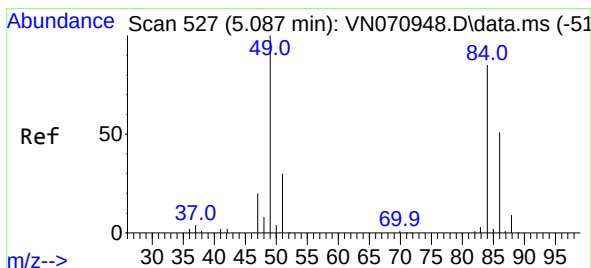
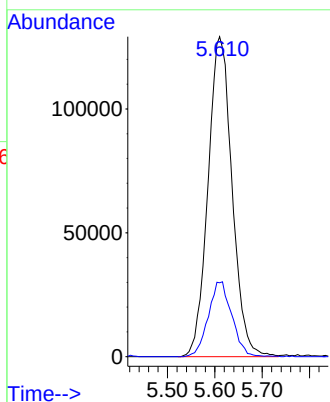
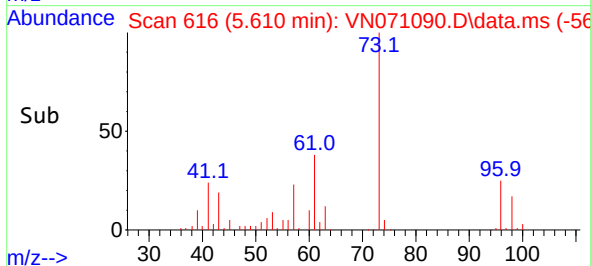
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



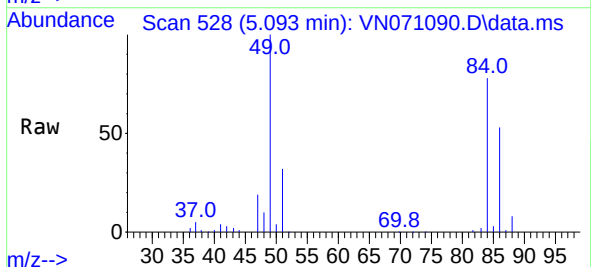
Tgt Ion: 73 Resp: 455939
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

Manual Integrations
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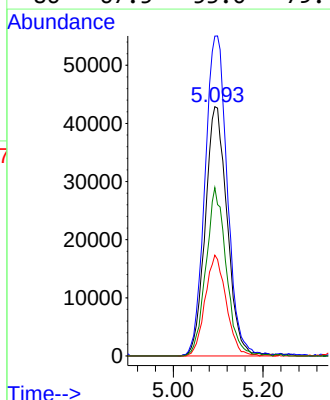
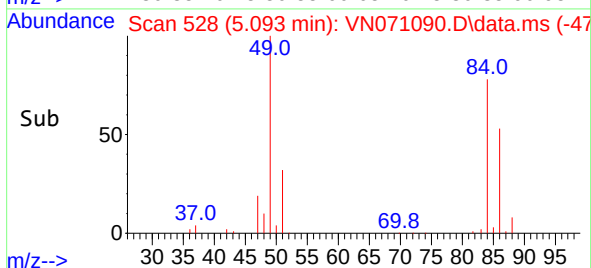
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

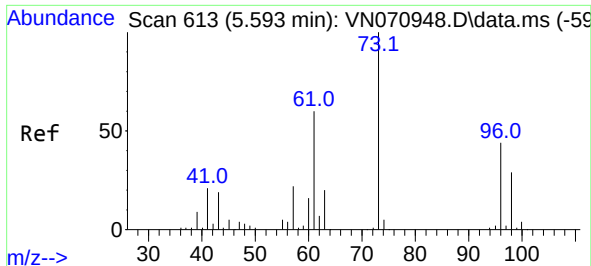


#20
Methylene Chloride
Concen: 21.304 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



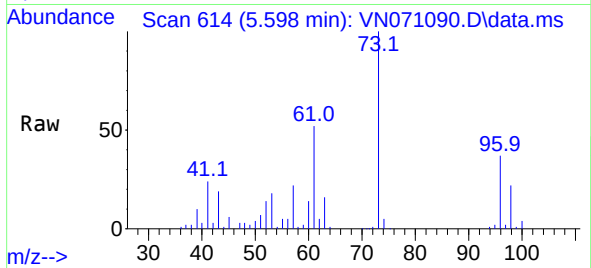
Tgt Ion: 84 Resp: 145729
Ion Ratio Lower Upper
84 100
49 128.3 93.5 140.3
51 40.4 29.4 44.2
86 67.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 20.061 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

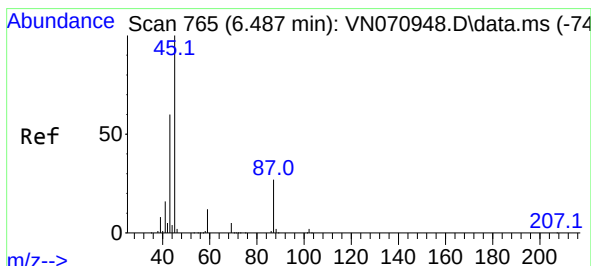
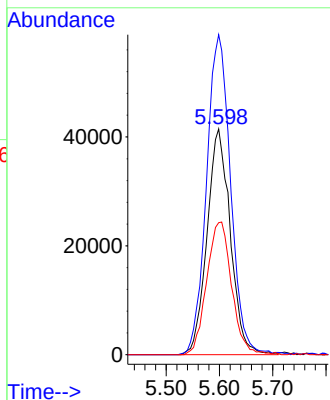
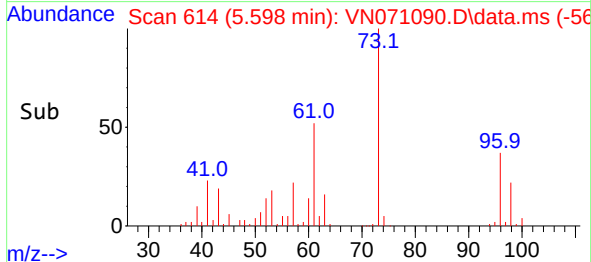
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



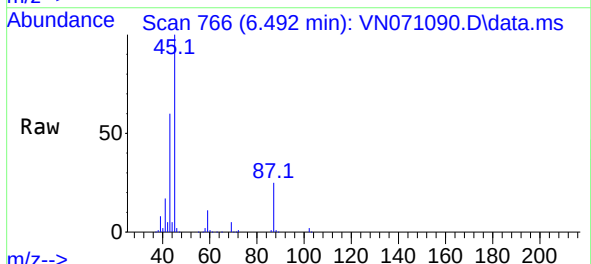
Tgt Ion: 96 Resp: 126118
Ion Ratio Lower Upper
96 100
61 141.8 105.8 158.6
98 58.5 52.0 78.0

Manual Integrations
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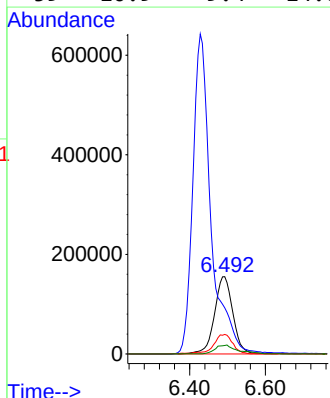
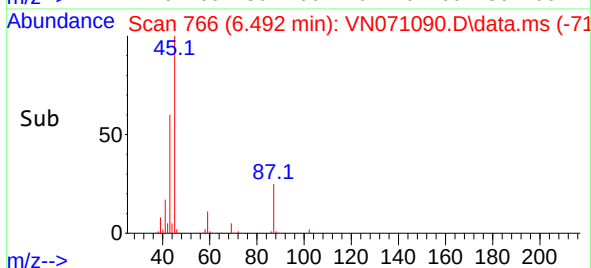
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

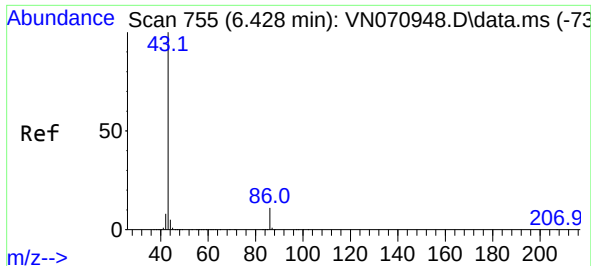


#22
Diisopropyl ether
Concen: 24.382 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



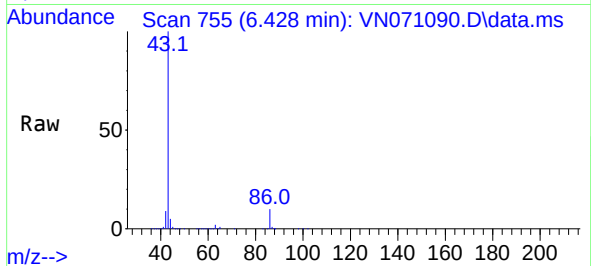
Tgt Ion: 45 Resp: 522384
Ion Ratio Lower Upper
45 100
43 58.0 51.7 77.5
87 25.1 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 118.228 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071090.D
 Acq: 28 Feb 2022 12:38

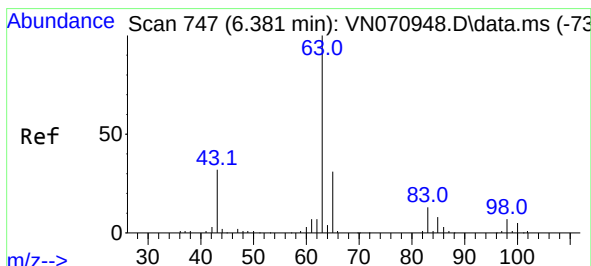
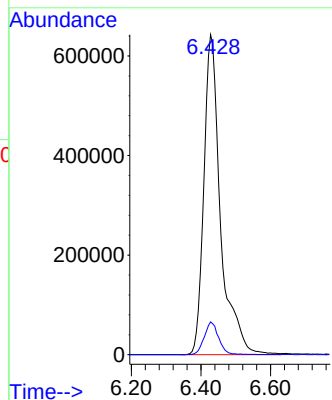
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228MBS01



Tgt Ion: 43 Resp: 2144218
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7

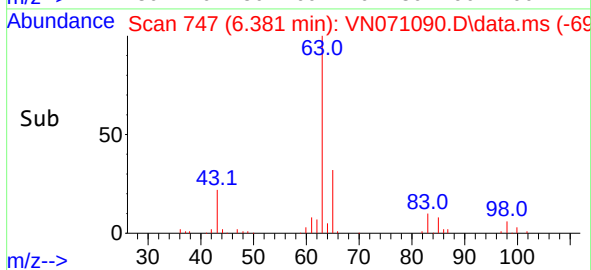
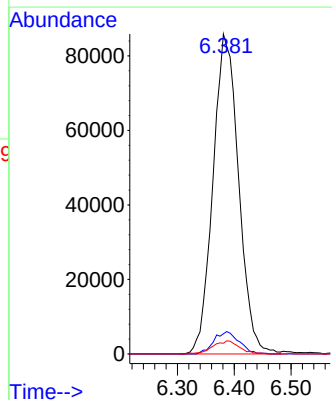
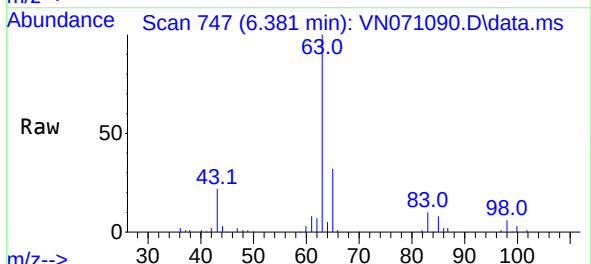
Manual Integrations
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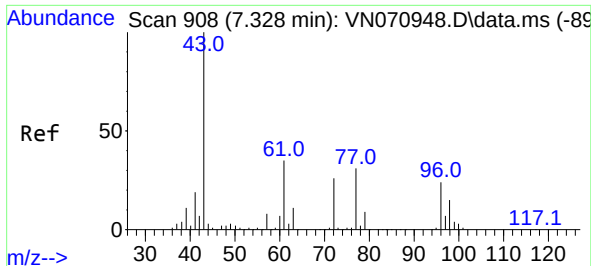
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#24
 1,1-Dichloroethane
 Concen: 22.402 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN071090.D
 Acq: 28 Feb 2022 12:38

Tgt Ion: 63 Resp: 269052
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.3 9.9
 100 3.3 2.1 6.5





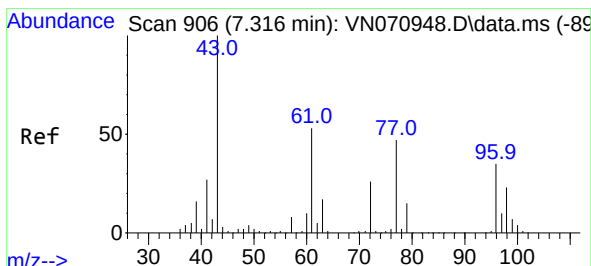
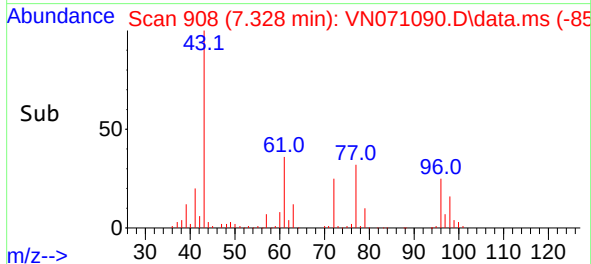
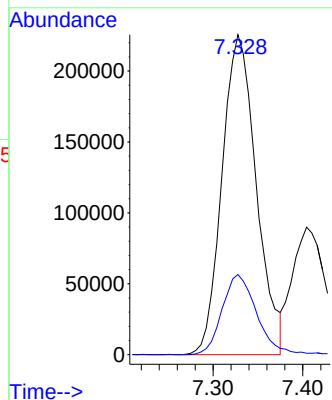
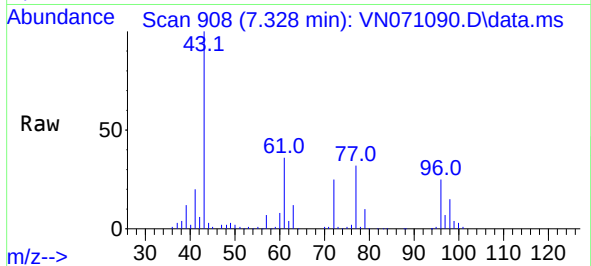
#25
2-Butanone
Concen: 119.754 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
Client SampleId :
VN0228MBS01

Tgt Ion: 43 Resp: 599600
Ion Ratio Lower Upper
43 100
72 25.1 21.7 32.5

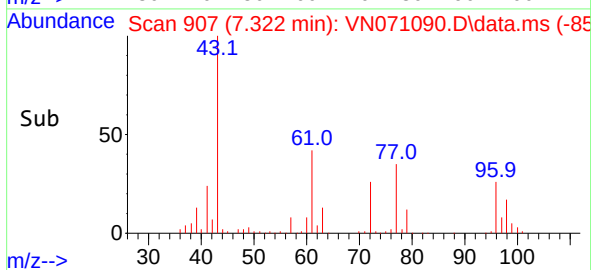
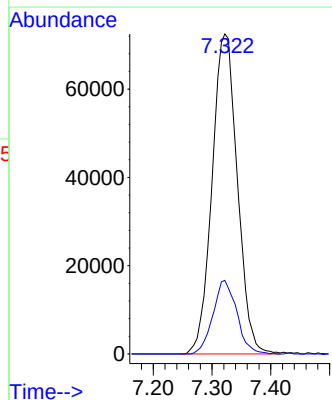
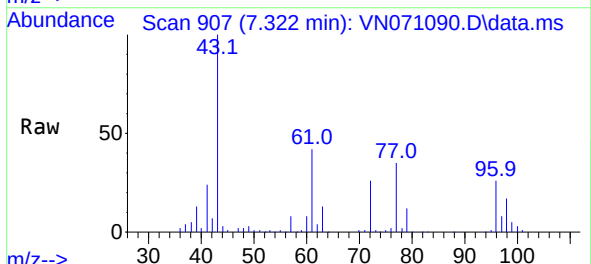
Manual Integrations
APPROVED

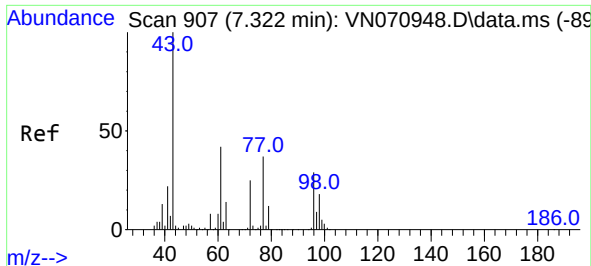
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#26
2,2-Dichloropropane
Concen: 21.702 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion: 77 Resp: 216625
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 21.140 ug/l

RT: 7.328 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN071090.D

Acq: 28 Feb 2022 12:38

Instrument :

MSVOA_N

ClientSampleId :

VN0228MBS01

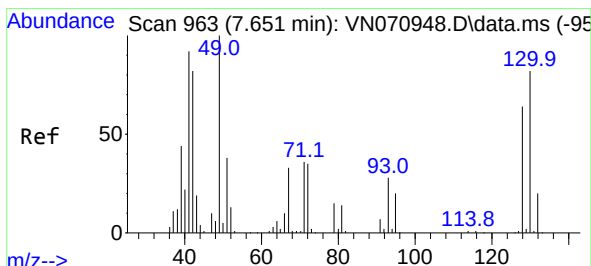
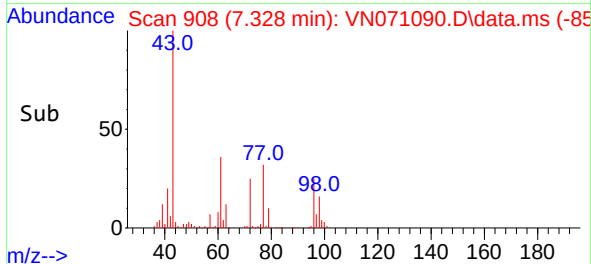
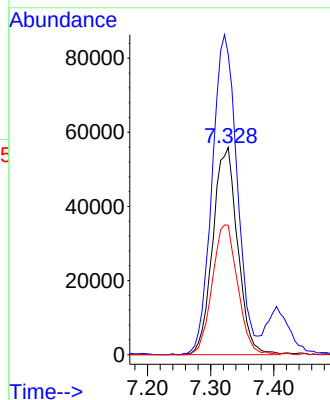
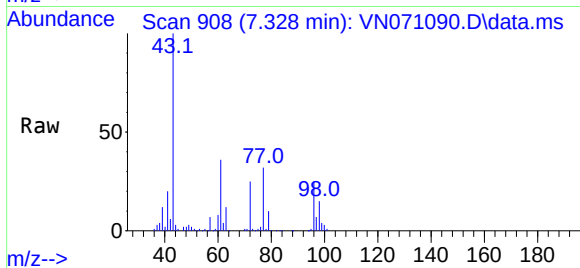
Tgt Ion: 96 Resp: 152745
 Ion Ratio Lower Upper
 96 100
 61 156.3 0.0 275.0
 98 64.5 0.0 129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#28

Bromochloromethane

Concen: 19.020 ug/l

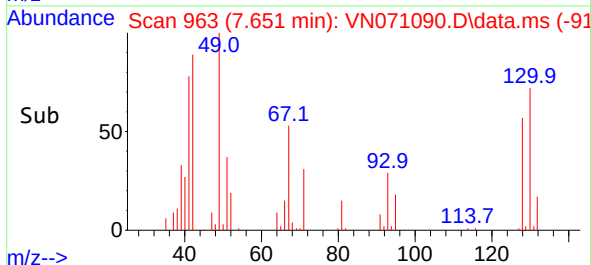
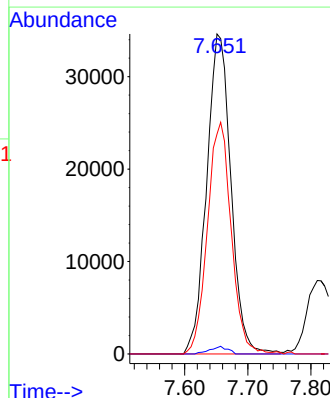
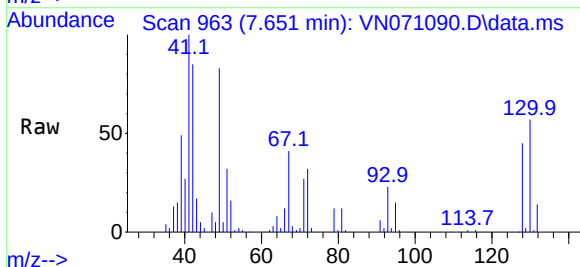
RT: 7.651 min Scan# 963

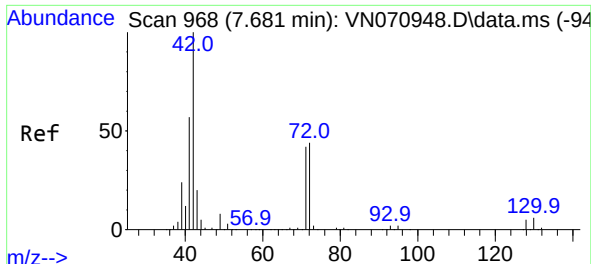
Delta R.T. 0.000 min

Lab File: VN071090.D

Acq: 28 Feb 2022 12:38

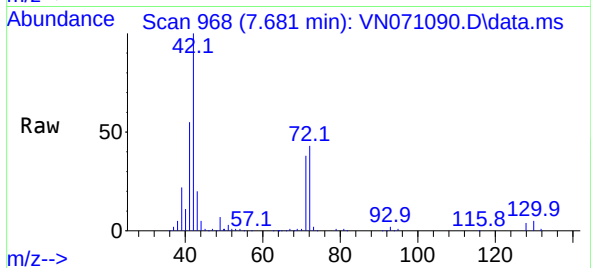
Tgt Ion: 49 Resp: 92455
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 71.1 67.8 101.8





#29
Tetrahydrofuran
Concen: 124.335 ug/l
RT: 7.681 min Scan# 901
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

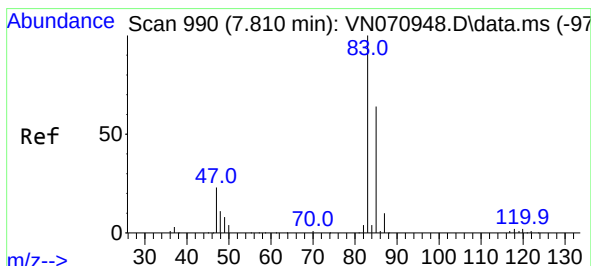
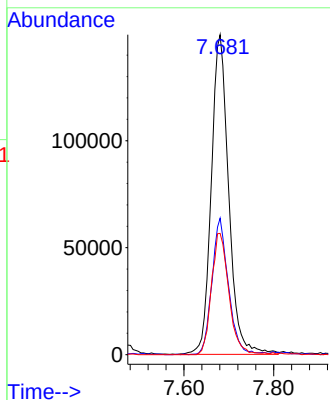
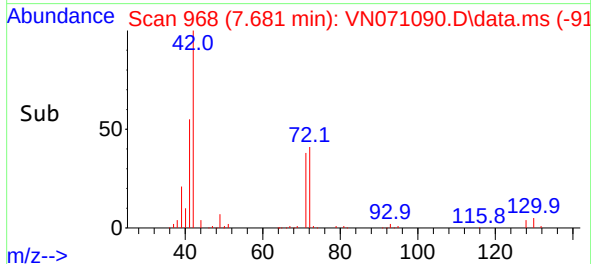
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



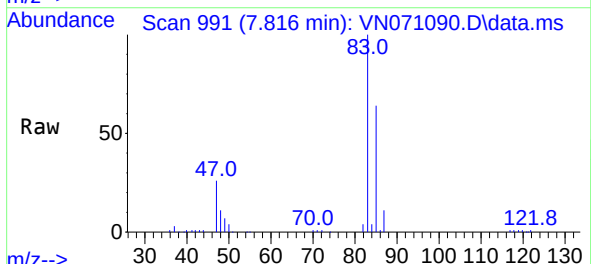
Tgt Ion: 42 Resp: 403294
Ion Ratio Lower Upper
42 100
72 40.3 36.3 54.5
71 38.0 34.7 52.1

Manual Integrations
APPROVED

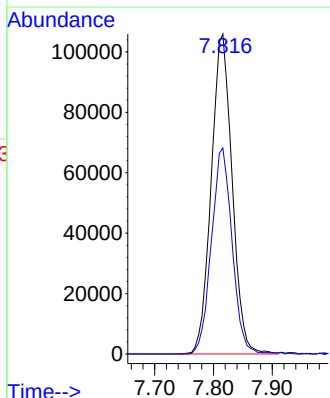
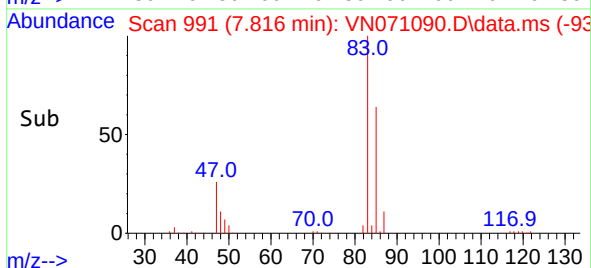
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

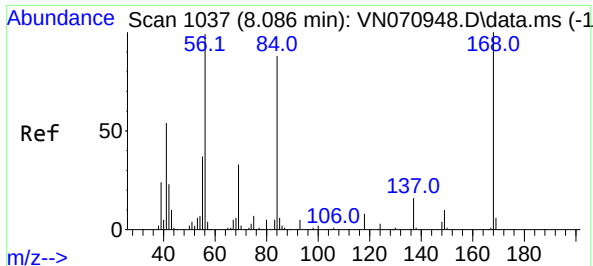


#30
Chloroform
Concen: 22.160 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



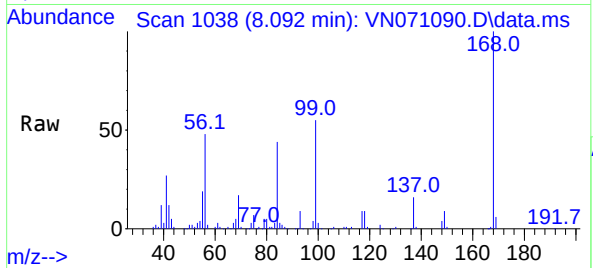
Tgt Ion: 83 Resp: 261762
Ion Ratio Lower Upper
83 100
85 64.4 51.9 77.9





#31
Cyclohexane
Concen: 21.252 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

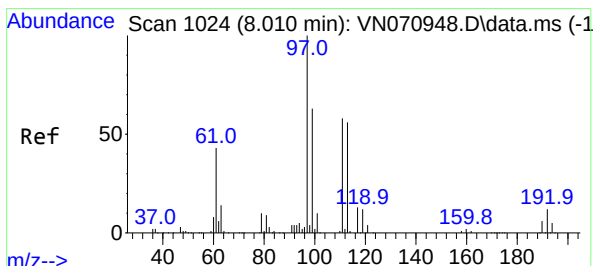
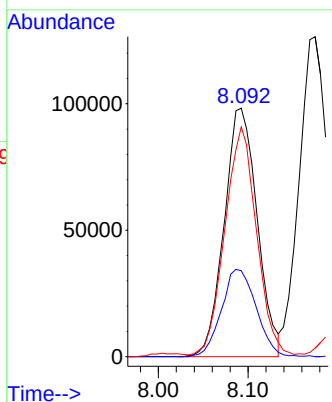
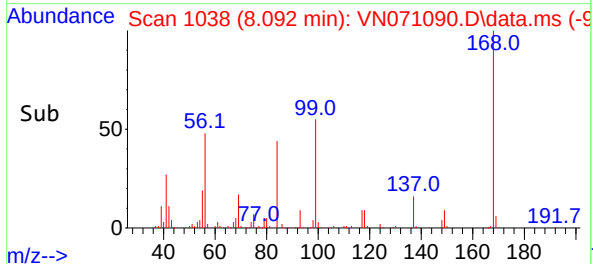
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



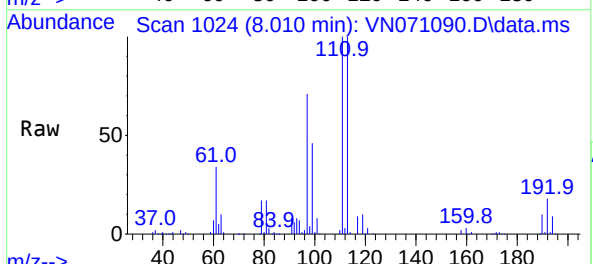
Tgt Ion: 56 Resp: 25119
Ion Ratio Lower Upper
56 100
69 34.6 27.1 40.7
84 91.3 73.4 110.0

Manual Integrations
APPROVED

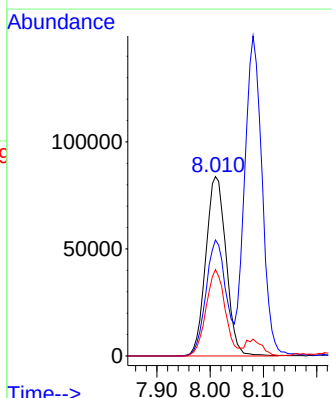
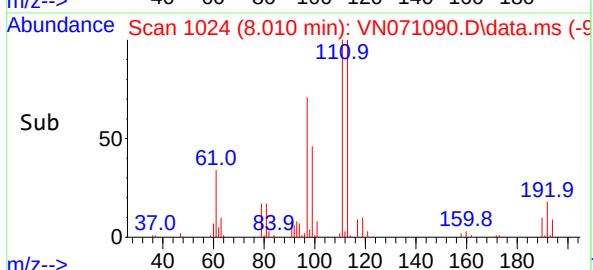
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

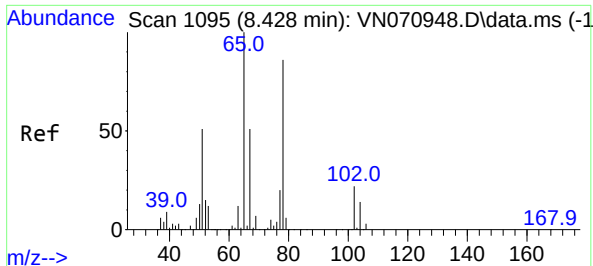


#32
1,1,1-Trichloroethane
Concen: 21.709 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



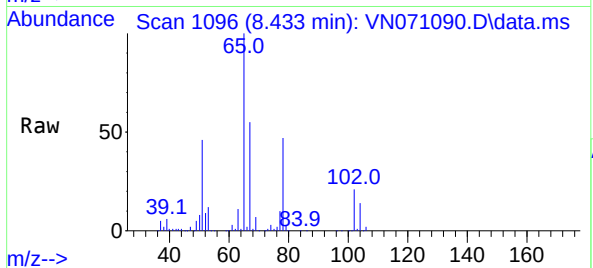
Tgt Ion: 97 Resp: 221451
Ion Ratio Lower Upper
97 100
99 64.2 50.1 75.1
61 45.8 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 57.115 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

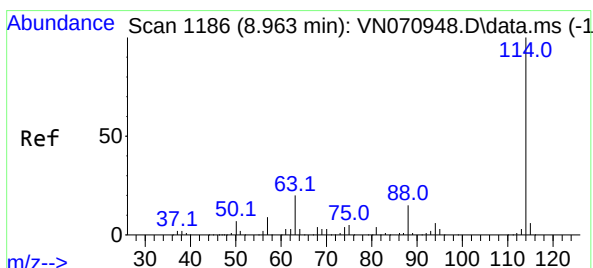
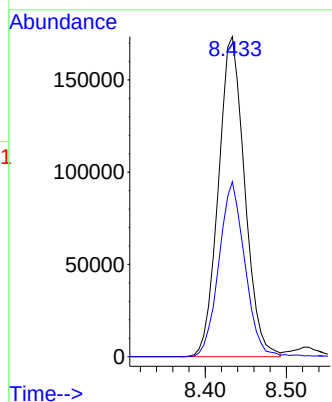
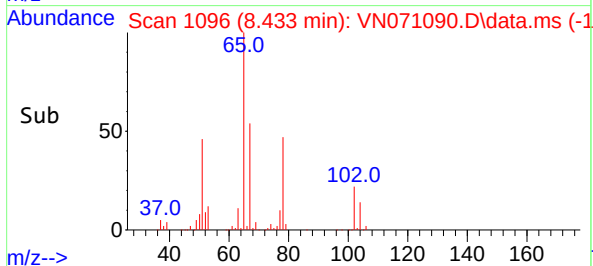
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



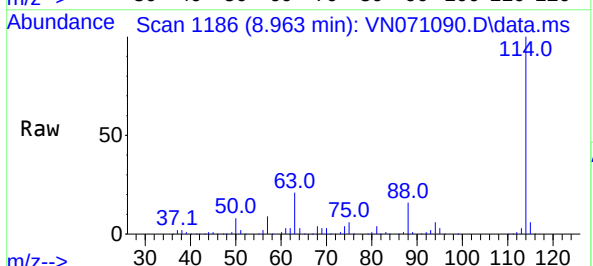
Tgt Ion: 65 Resp: 390344
Ion Ratio Lower Upper
65 100
67 54.2 0.0 103.0

Manual Integrations
APPROVED

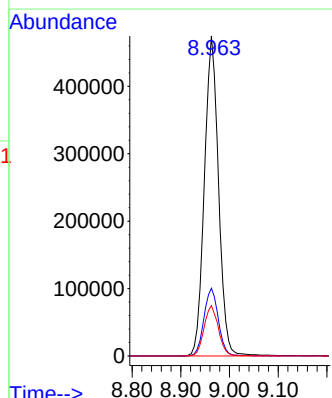
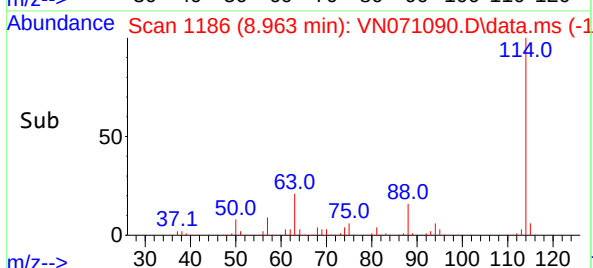
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

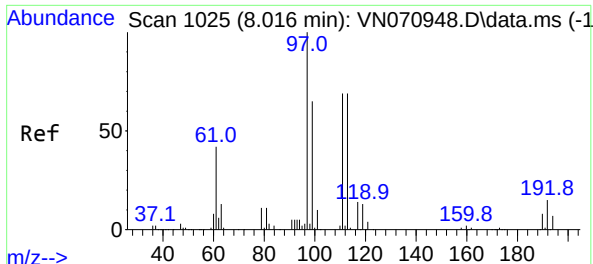


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



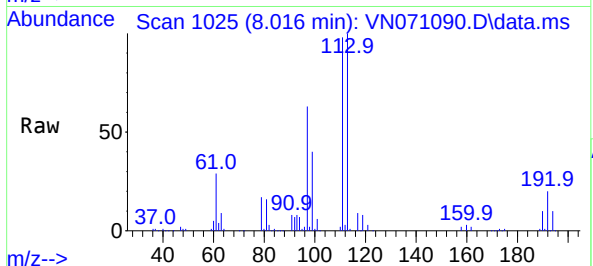
Tgt Ion:114 Resp: 956464
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.284 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

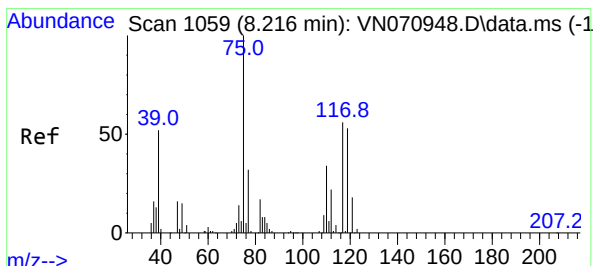
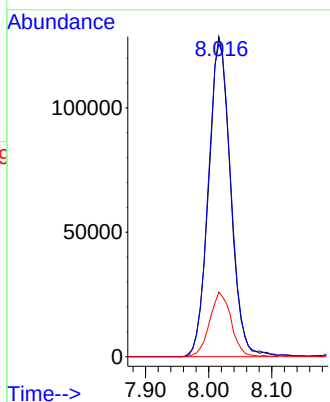
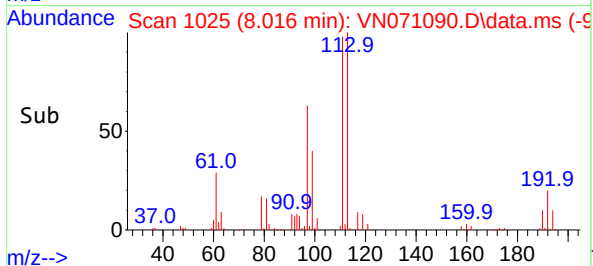
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



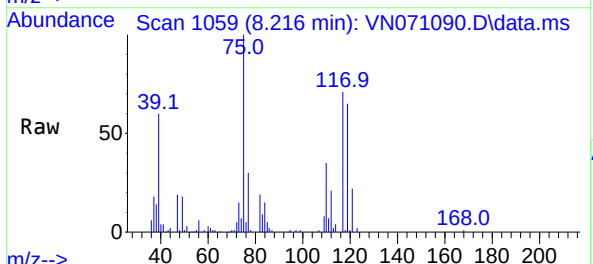
Tgt Ion:113 Resp: 30882
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 19.9 16.9 25.3

Manual Integrations
APPROVED

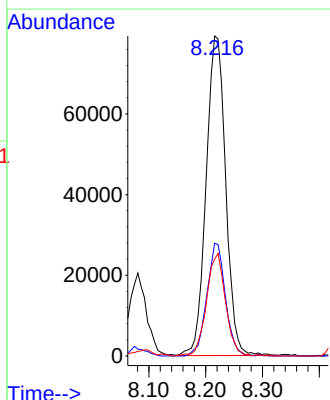
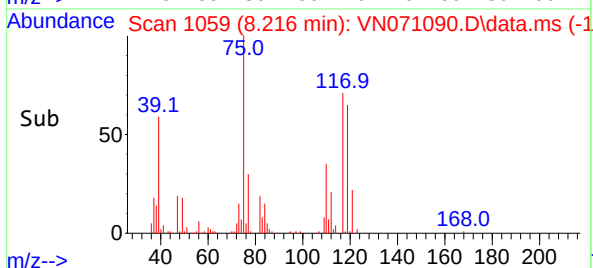
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

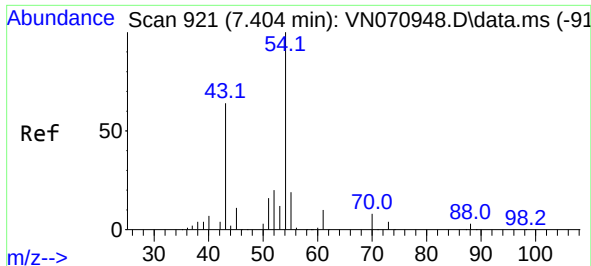


#36
1,1-Dichloropropene
Concen: 20.324 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



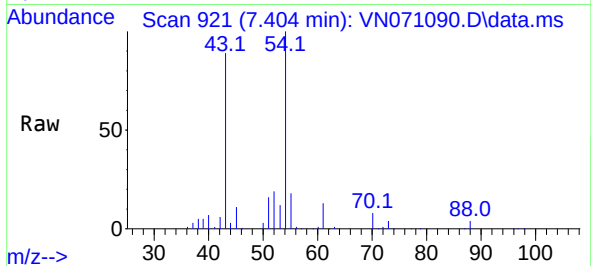
Tgt Ion: 75 Resp: 189432
Ion Ratio Lower Upper
75 100
110 33.4 18.4 55.2
77 31.1 24.4 36.6





#37
Ethyl Acetate
Concen: 24.028 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

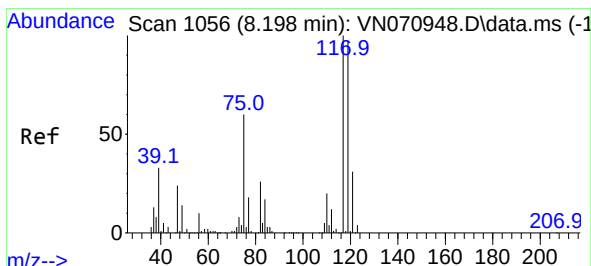
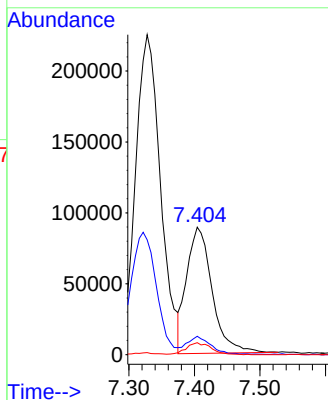
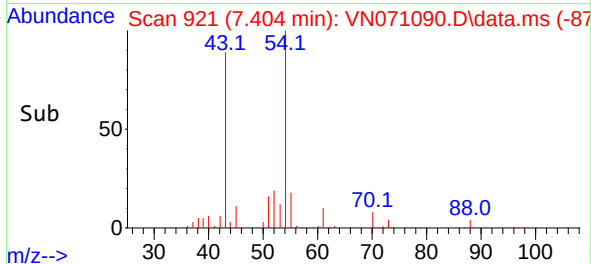
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



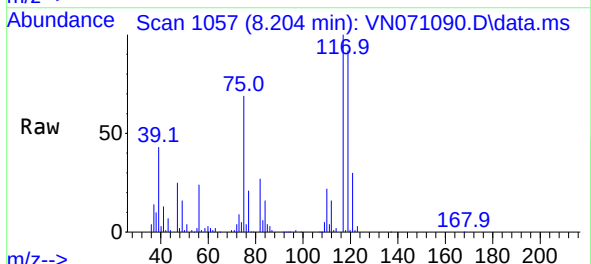
Tgt Ion: 43 Resp: 24018
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 9.3 7.9 11.9

Manual Integrations
APPROVED

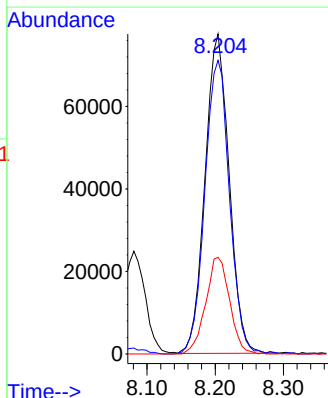
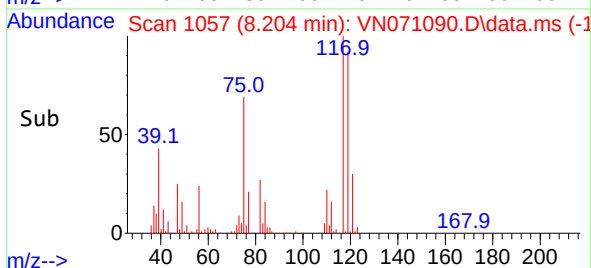
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

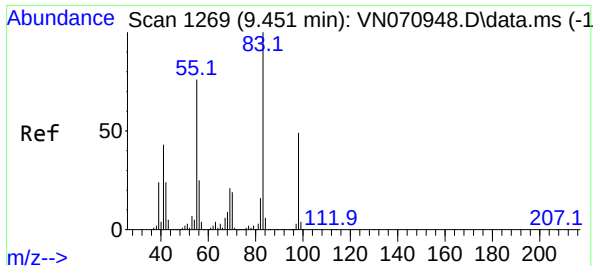


#38
Carbon Tetrachloride
Concen: 20.800 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



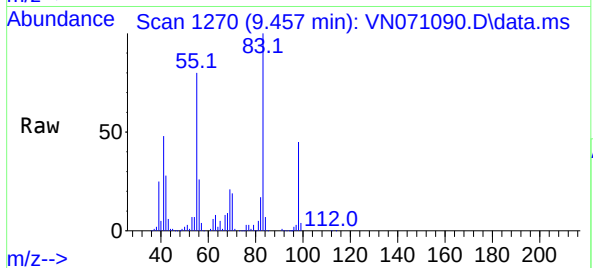
Tgt Ion:117 Resp: 191015
Ion Ratio Lower Upper
117 100
119 91.7 76.1 114.1
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 19.311 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

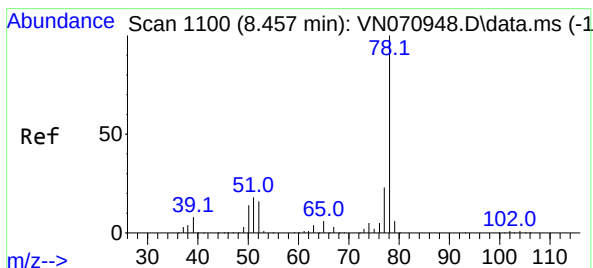
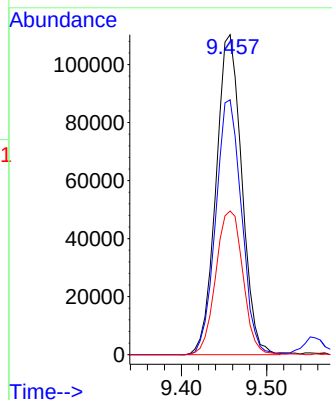
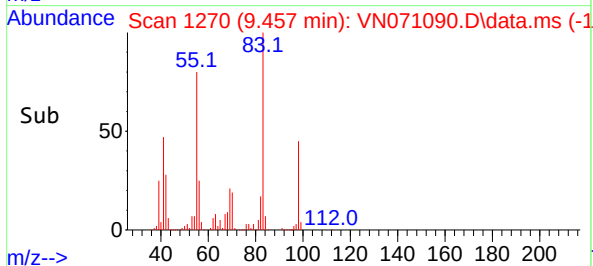
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



Tgt Ion: 83 Resp: 231600
Ion Ratio Lower Upper
83 100
55 79.6 58.1 87.1
98 44.9 38.4 57.6

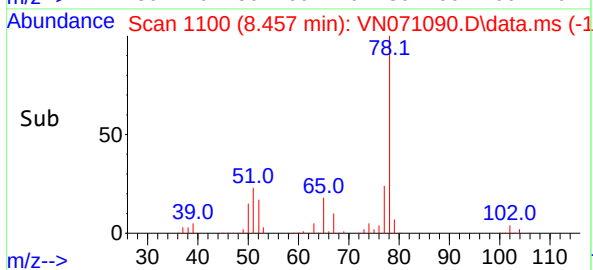
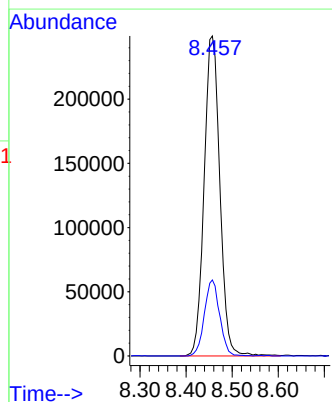
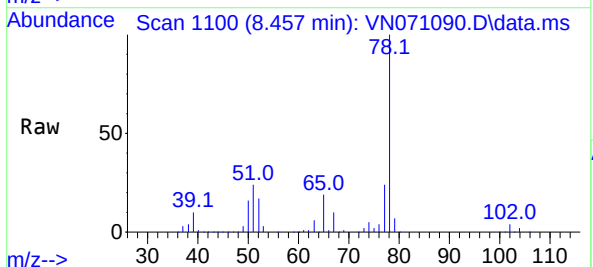
Manual Integrations
APPROVED

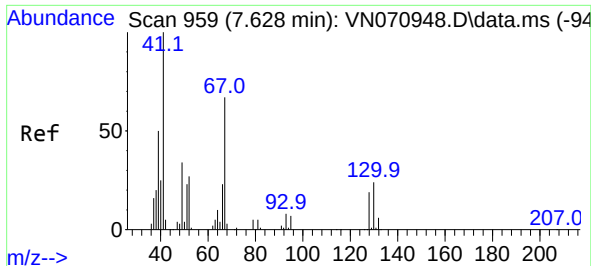
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#40
Benzene
Concen: 21.538 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

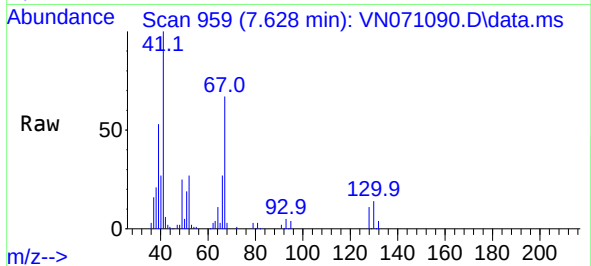
Tgt Ion: 78 Resp: 593810
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 21.584 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

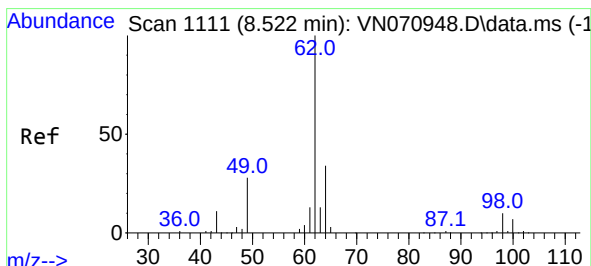
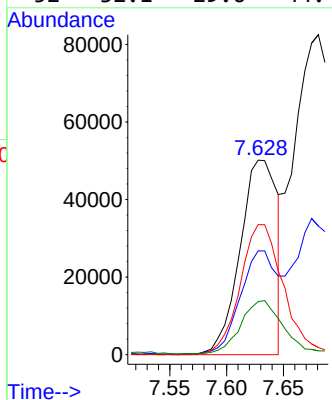
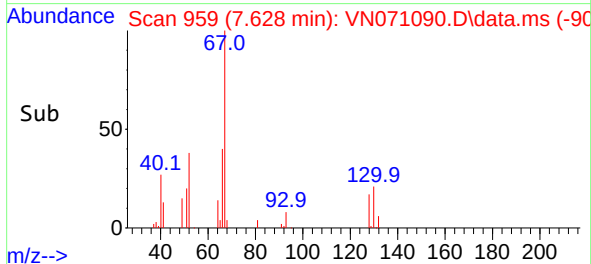
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



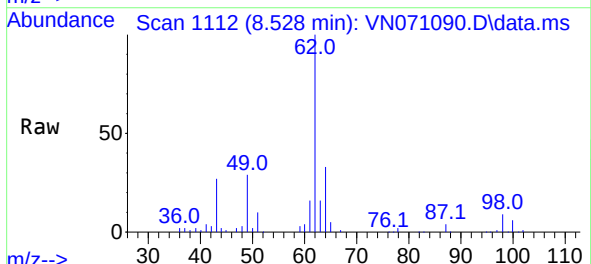
Tgt Ion: 41 Resp: 113632
Ion Ratio Lower Upper
41 100
39 58.4 48.1 72.1
67 78.0 68.3 102.5
52 32.1 29.6 44.4

Manual Integrations
APPROVED

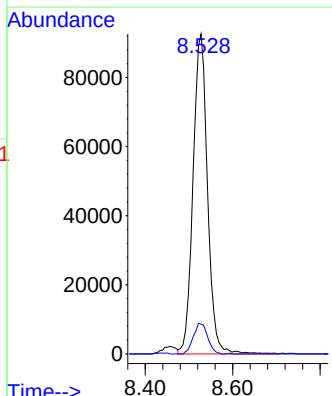
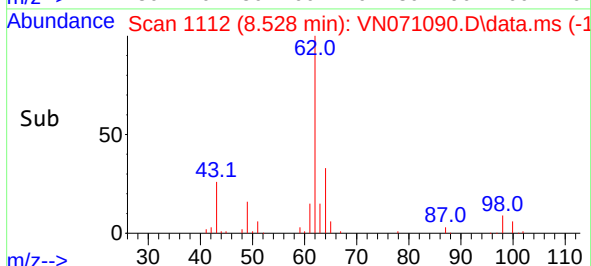
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

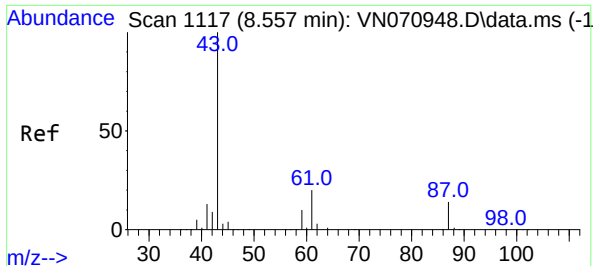


#42
1,2-Dichloroethane
Concen: 22.717 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



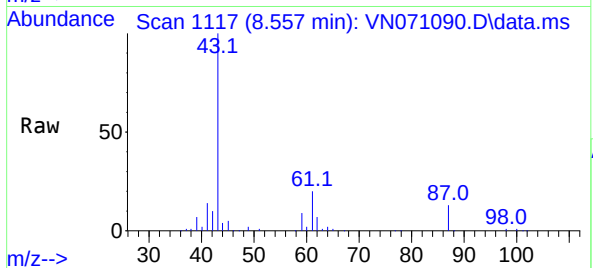
Tgt Ion: 62 Resp: 213312
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 24.195 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

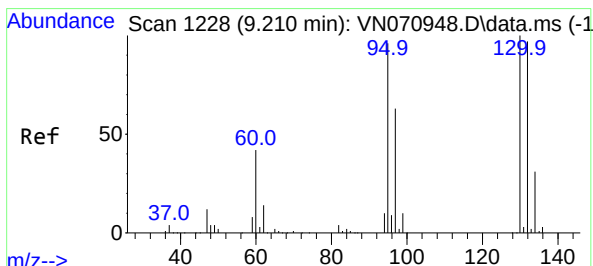
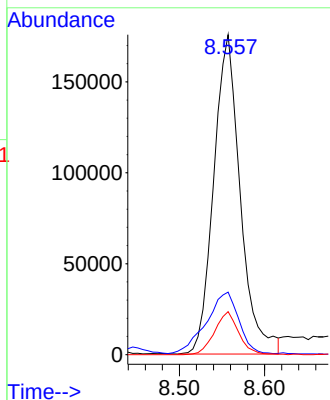
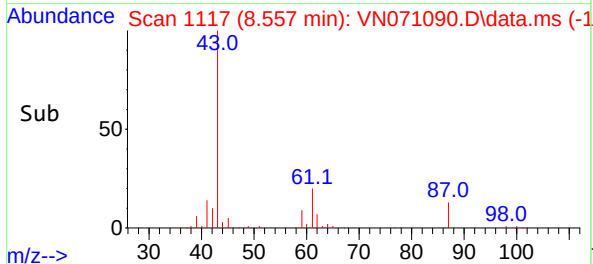
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



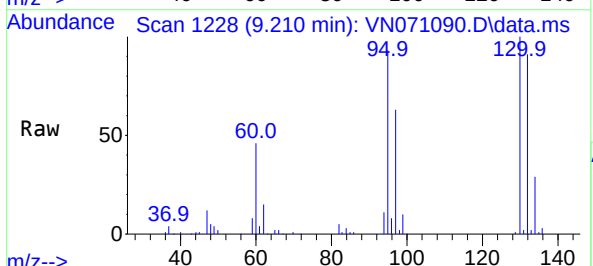
Tgt Ion: 43 Resp: 381210
Ion Ratio Lower Upper
43 100
61 23.6 20.4 30.6
87 12.3 11.2 16.8

Manual Integrations
APPROVED

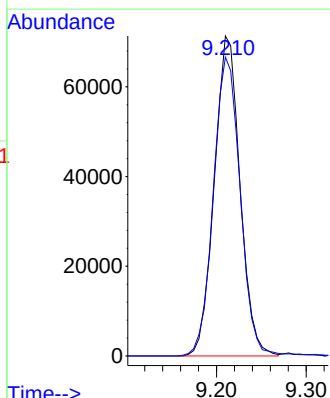
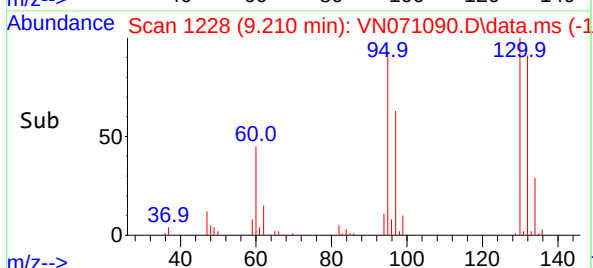
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

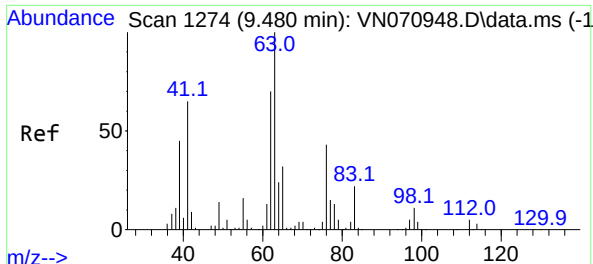


#44
Trichloroethene
Concen: 19.511 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



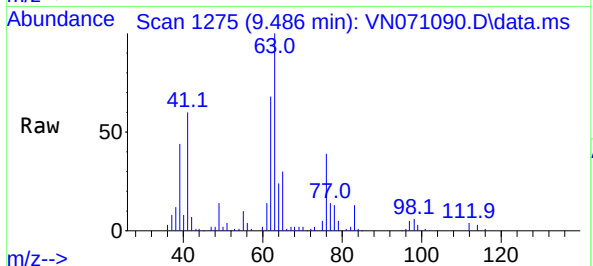
Tgt Ion:130 Resp: 141652
Ion Ratio Lower Upper
130 100
95 93.4 0.0 191.2





#45
1,2-Dichloropropane
Concen: 22.791 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

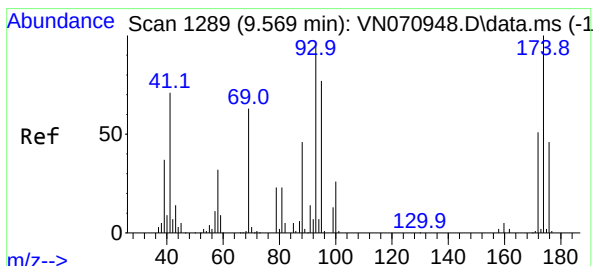
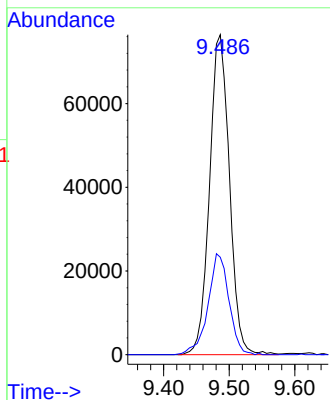
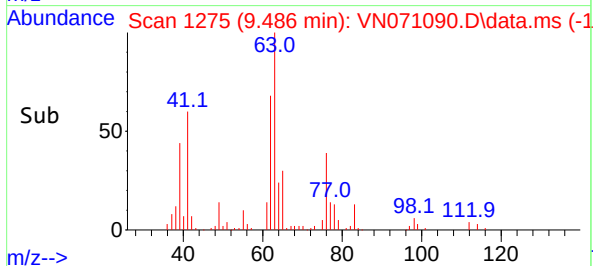
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



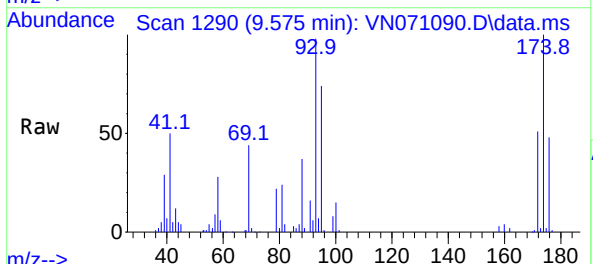
Tgt Ion: 63 Resp: 160958
Ion Ratio Lower Upper
63 100
65 30.4 24.7 37.1

Manual Integrations
APPROVED

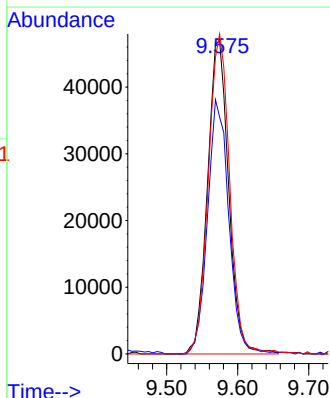
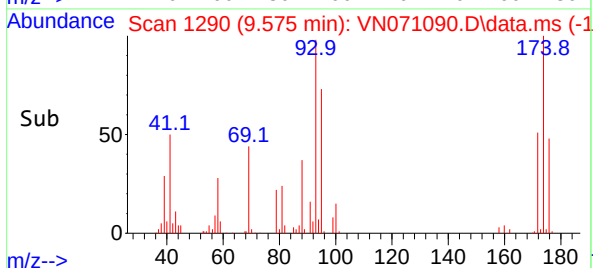
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

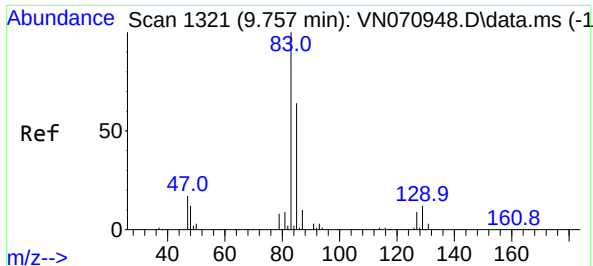


#46
Dibromomethane
Concen: 20.991 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion: 93 Resp: 97558
Ion Ratio Lower Upper
93 100
95 81.5 65.9 98.9
174 102.9 84.6 127.0





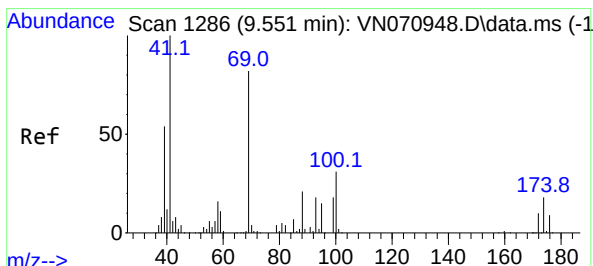
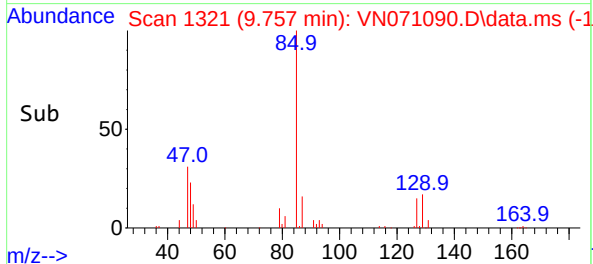
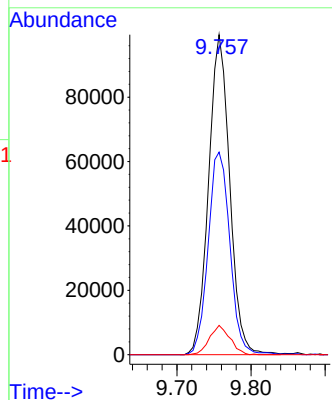
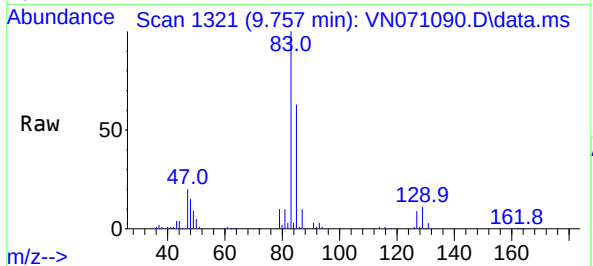
#47
Bromodichloromethane
Concen: 20.935 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 83 Resp: 196649
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 9.2 7.1 10.7

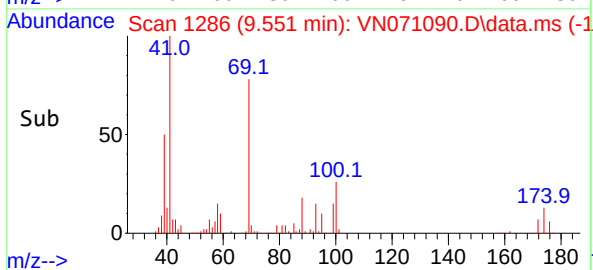
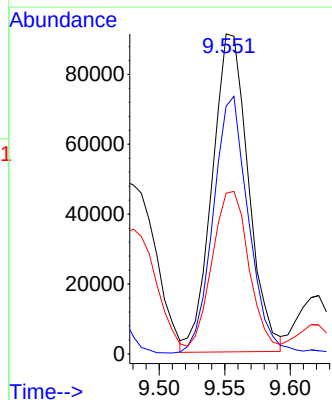
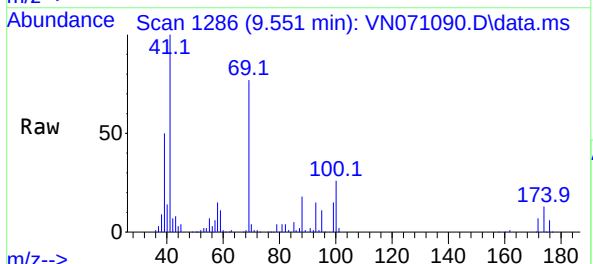
Manual Integrations
APPROVED

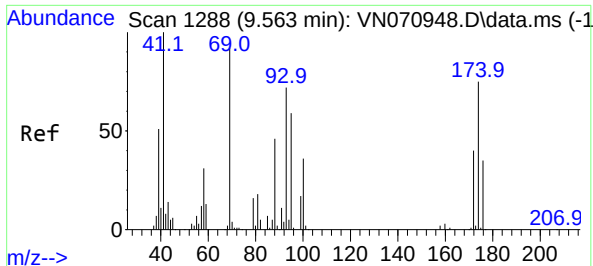
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#48
Methyl methacrylate
Concen: 23.473 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion: 41 Resp: 175059
Ion Ratio Lower Upper
41 100
69 79.4 72.4 108.6
39 52.5 58.4 87.6#





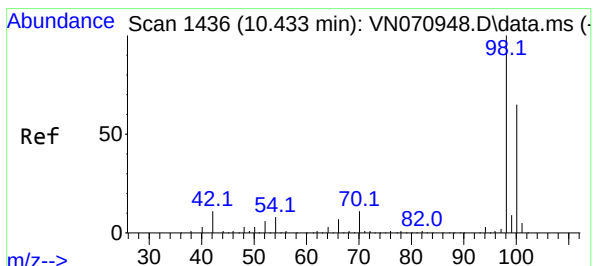
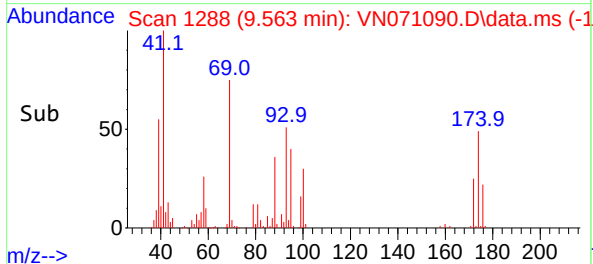
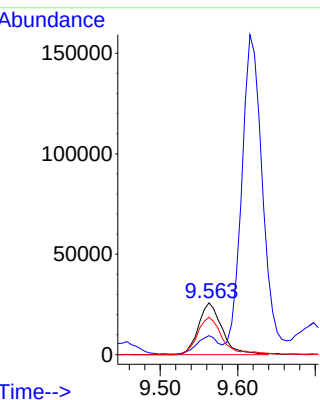
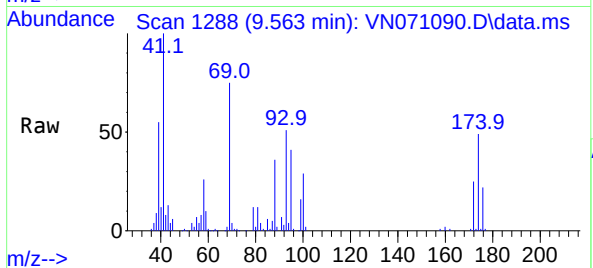
#49
1,4-Dioxane
Concen: 413.266 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 88 Resp: 5474
Ion Ratio Lower Upper
88 100
43 32.6 23.4 35.2
58 77.2 50.6 75.8

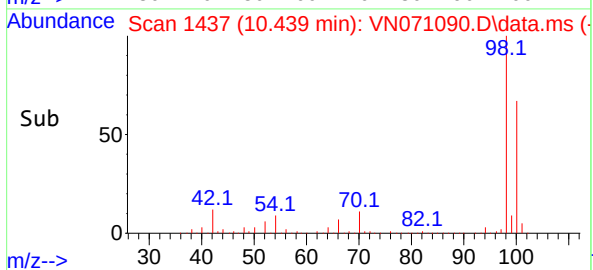
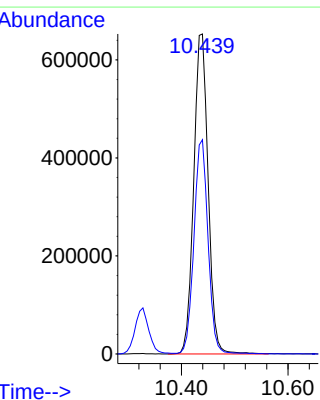
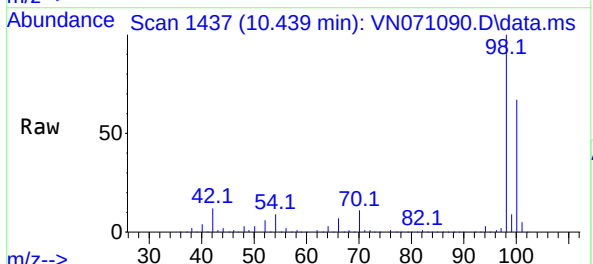
Manual Integrations
APPROVED

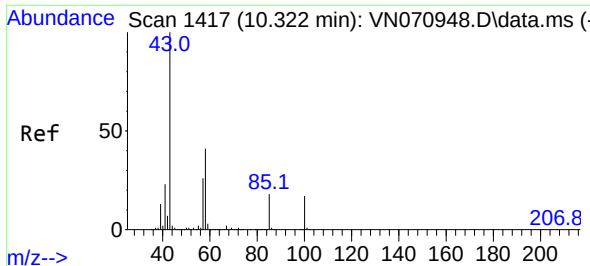
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#50
Toluene-d8
Concen: 53.693 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

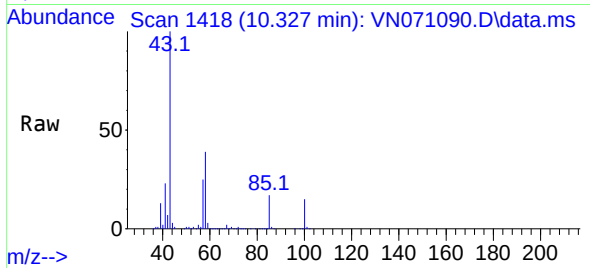
Tgt Ion: 98 Resp: 1226710
Ion Ratio Lower Upper
98 100
100 65.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 120.294 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

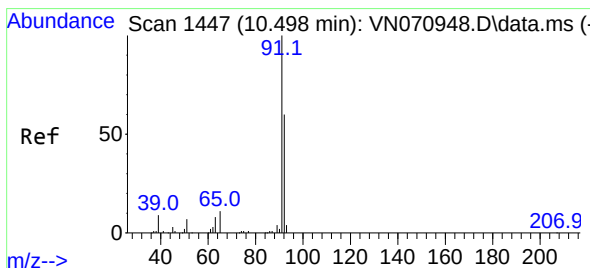
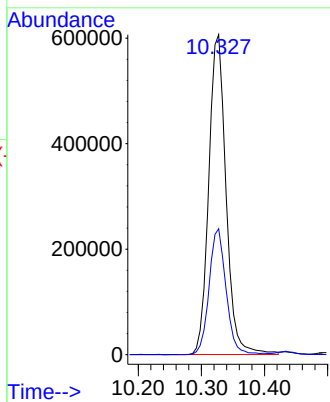
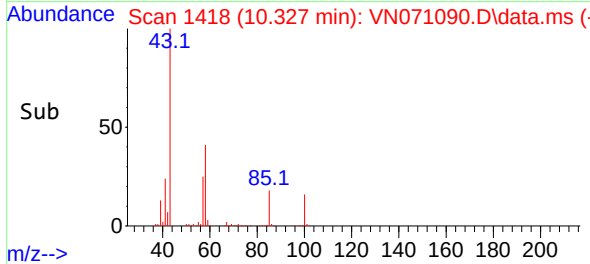
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



Tgt Ion: 43 Resp: 115317
Ion Ratio Lower Upper
43 100
58 38.9 30.4 45.6

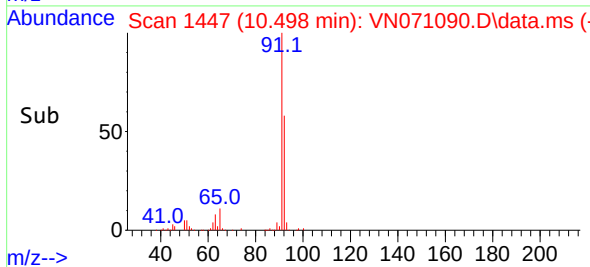
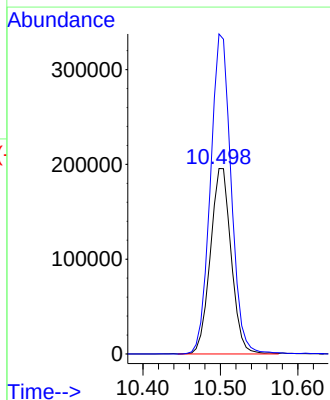
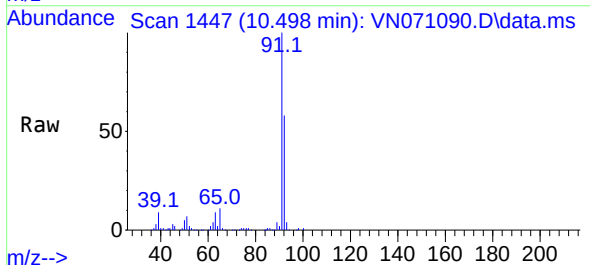
Manual Integrations
APPROVED

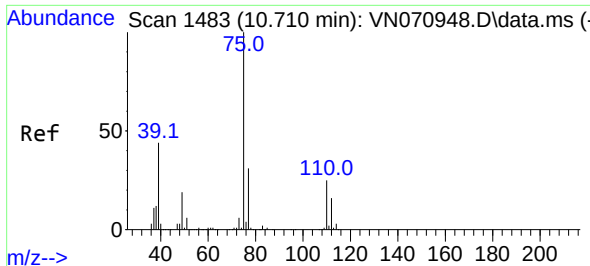
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#52
Toluene
Concen: 21.125 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion: 92 Resp: 365980
Ion Ratio Lower Upper
92 100
91 172.1 142.0 213.0





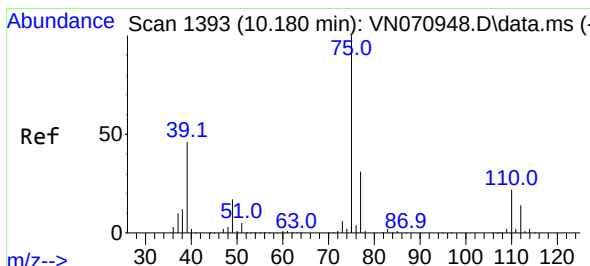
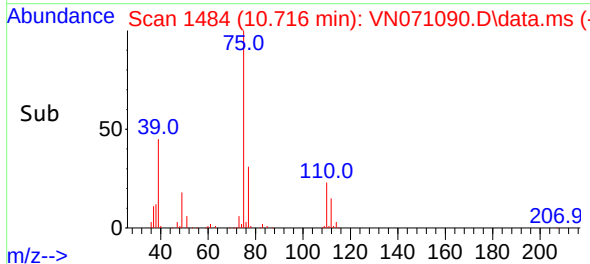
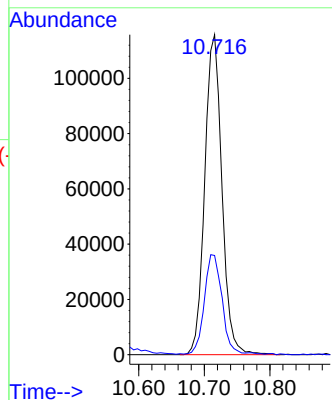
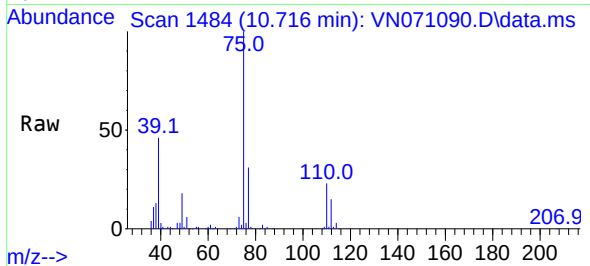
#53
t-1,3-Dichloropropene
Concen: 20.672 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 75 Resp: 211135
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

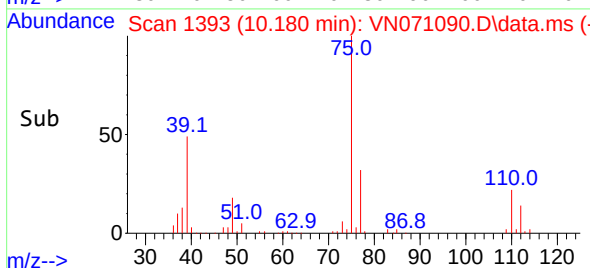
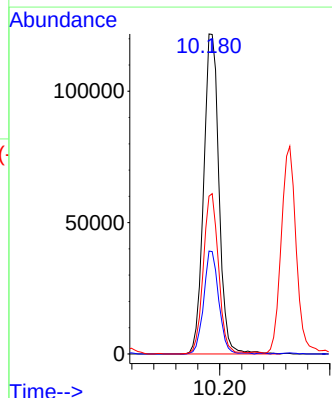
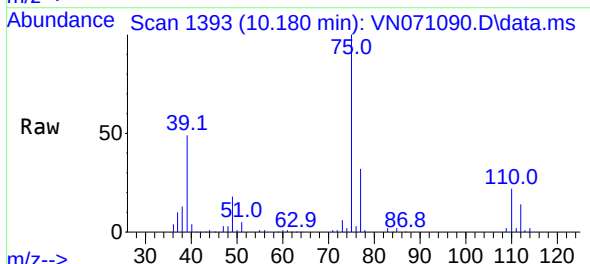
Manual Integrations
APPROVED

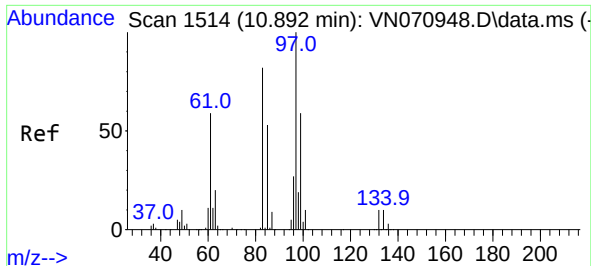
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#54
cis-1,3-Dichloropropene
Concen: 21.020 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

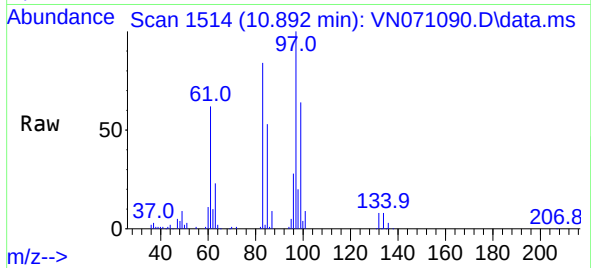
Tgt Ion: 75 Resp: 235777
Ion Ratio Lower Upper
75 100
77 32.2 26.4 39.6
39 49.3 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 21.762 ug/l
RT: 10.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

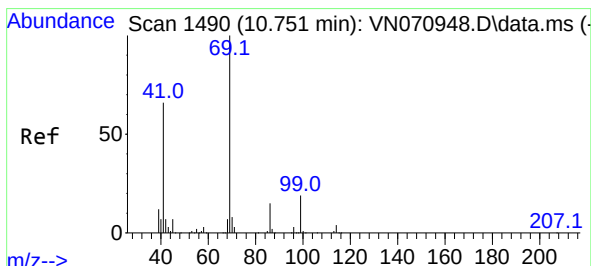
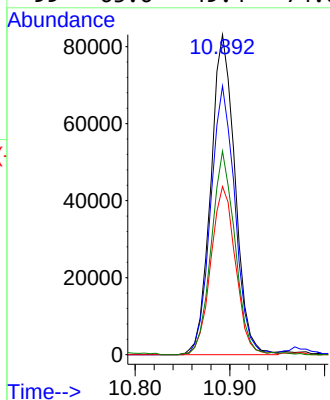
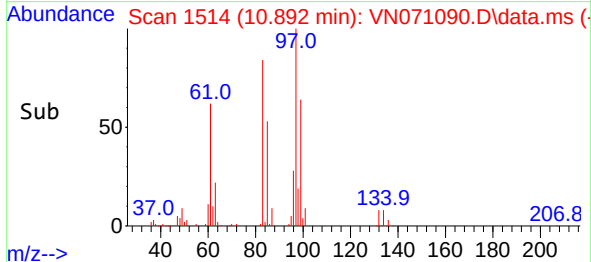


Tgt Ion: 97 Resp: 14757

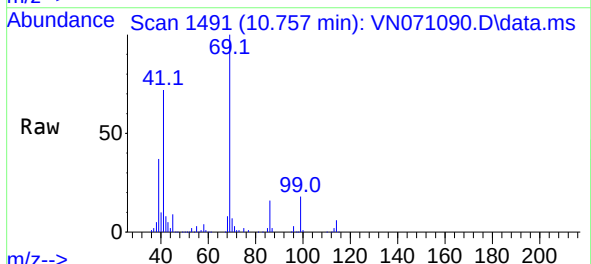
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.6
85	52.6	45.4	68.2
99	63.6	49.4	74.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

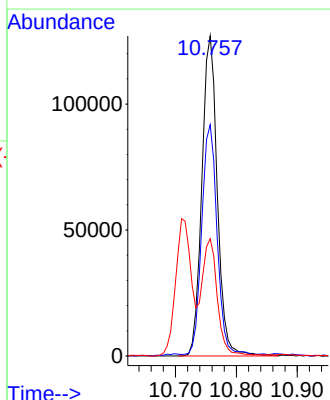
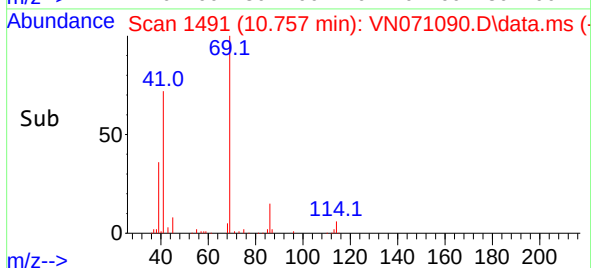


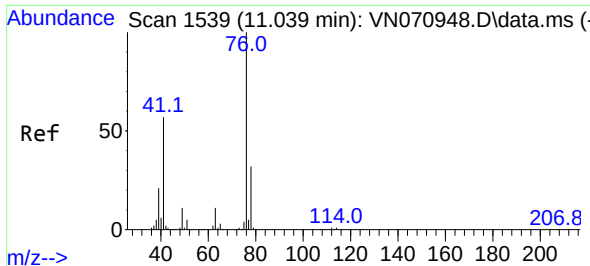
#56
Ethyl methacrylate
Concen: 21.903 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion: 69 Resp: 223784

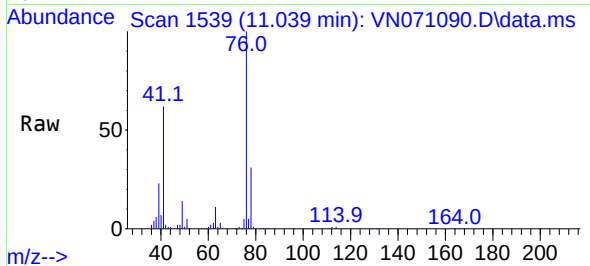
Ion	Ratio	Lower	Upper
69	100		
41	71.1	51.4	77.0
39	36.0	34.6	52.0





#57
1,3-Dichloropropane
Concen: 21.752 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

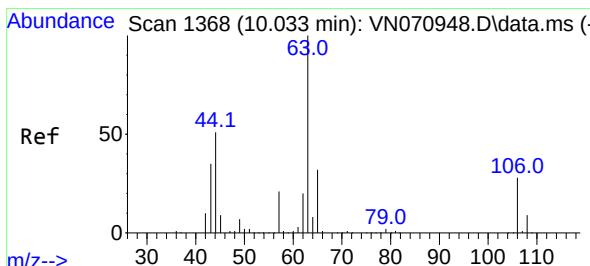
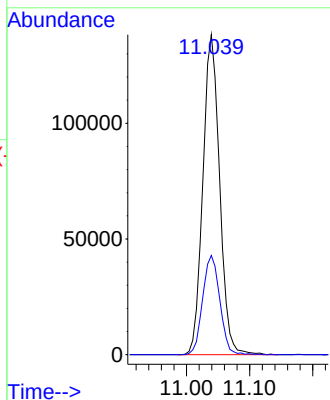
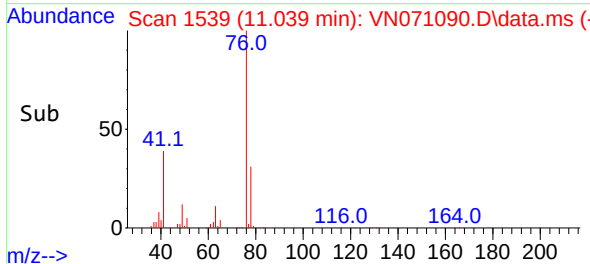
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



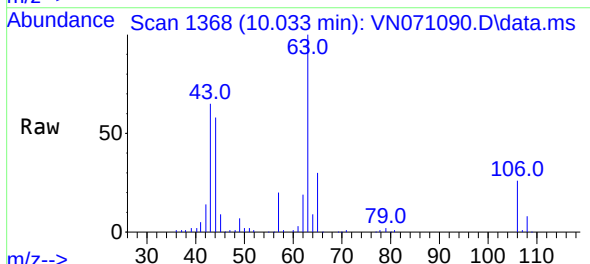
Tgt Ion: 76 Resp: 25515
Ion Ratio Lower Upper
76 100
78 31.7 25.7 38.5

Manual Integrations
APPROVED

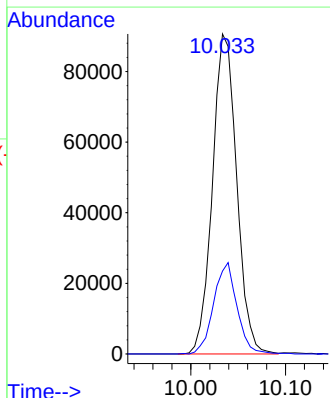
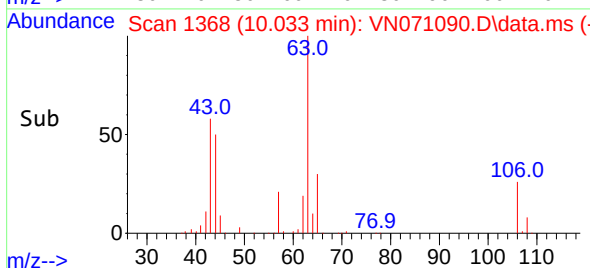
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

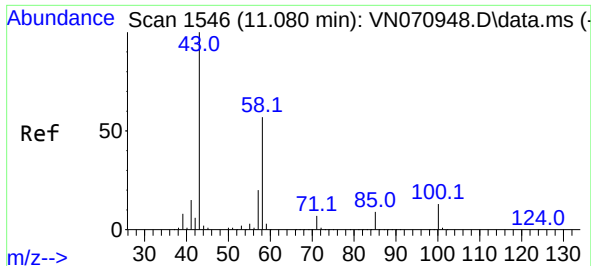


#58
2-Chloroethyl Vinyl ether
Concen: 93.676 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion: 63 Resp: 161119
Ion Ratio Lower Upper
63 100
106 27.6 23.9 35.9





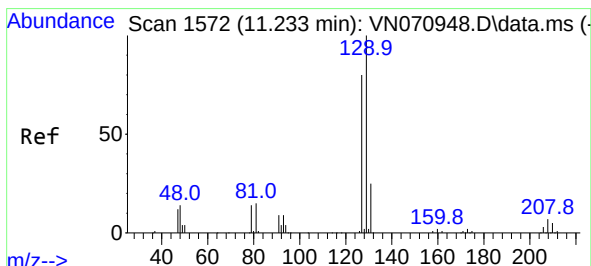
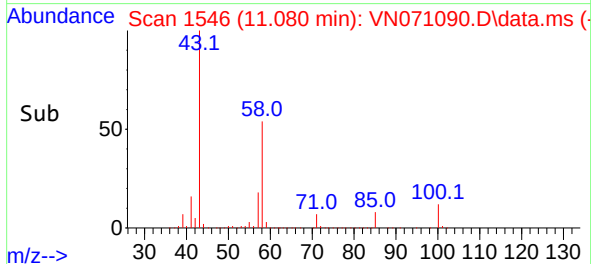
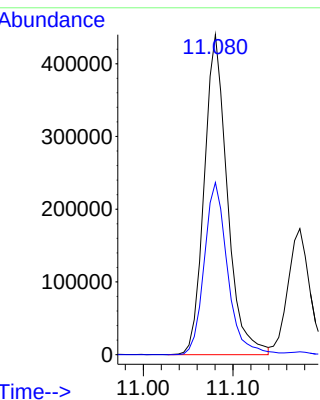
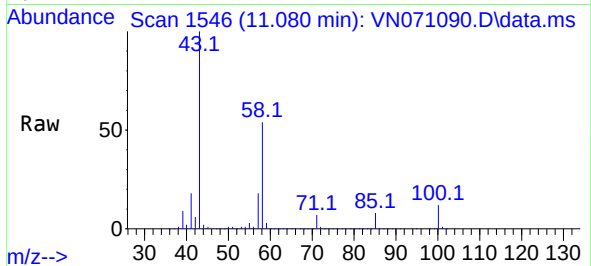
#59
2-Hexanone
Concen: 119.099 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 43 Resp: 785220
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7

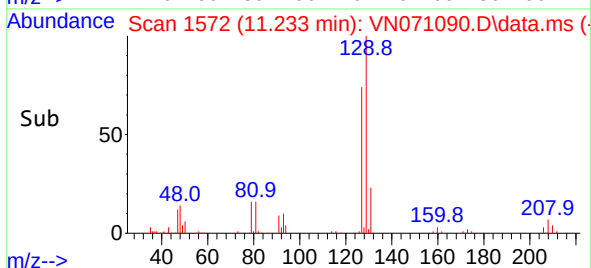
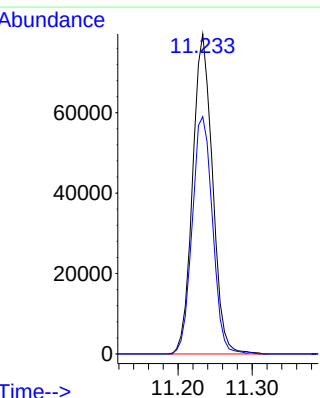
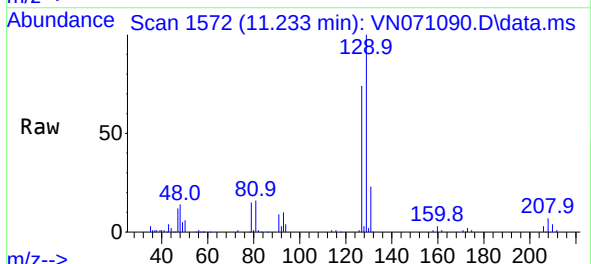
Manual Integrations
APPROVED

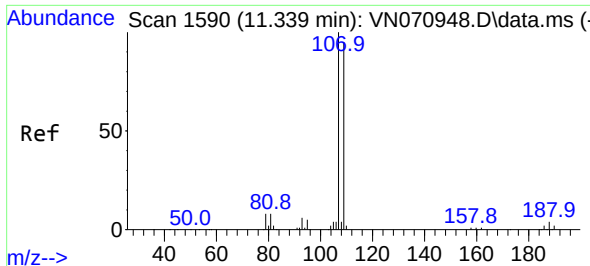
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#60
Dibromochloromethane
Concen: 20.681 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

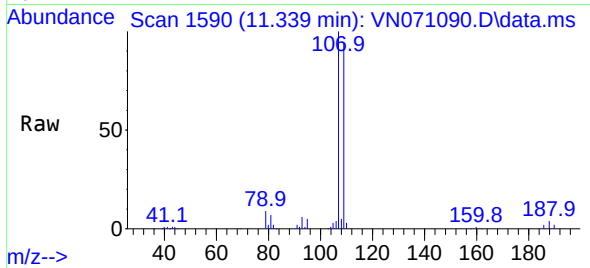
Tgt Ion:129 Resp: 148213
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 20.521 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

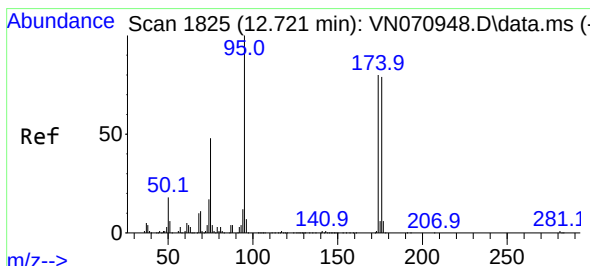
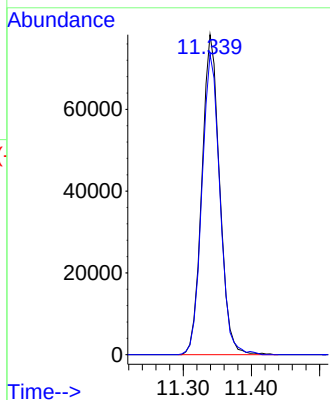
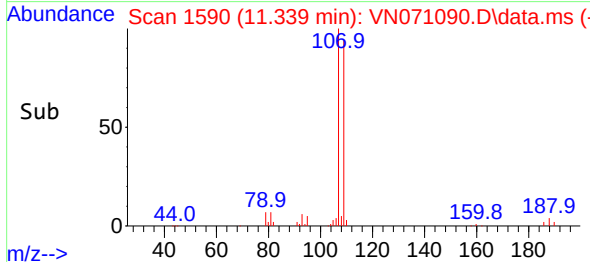
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



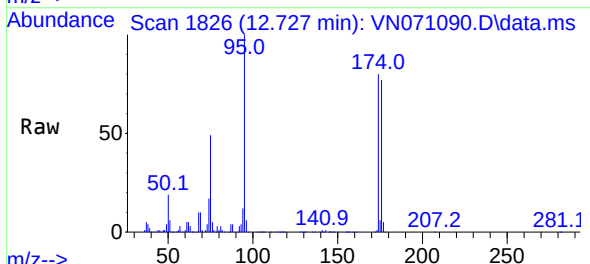
Tgt Ion:107 Resp: 14154
Ion Ratio Lower Upper
107 100
109 95.4 75.7 113.5

Manual Integrations
APPROVED

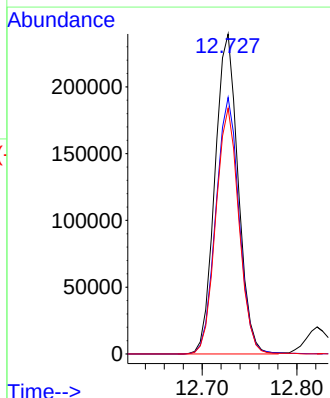
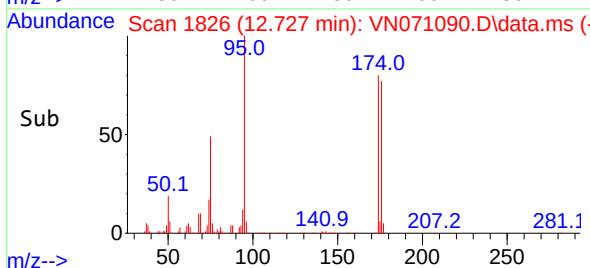
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

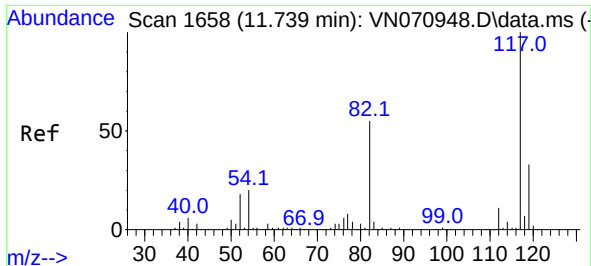


#62
4-Bromofluorobenzene
Concen: 49.967 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



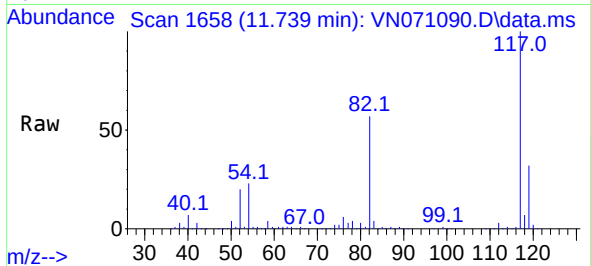
Tgt Ion: 95 Resp: 408055
Ion Ratio Lower Upper
95 100
174 80.4 0.0 187.2
176 76.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

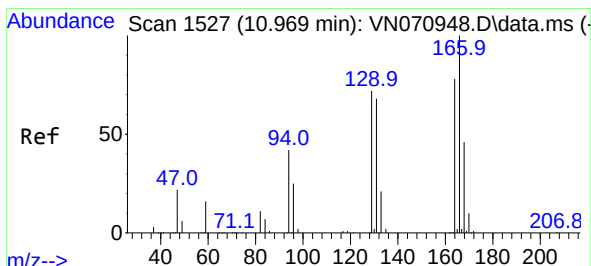
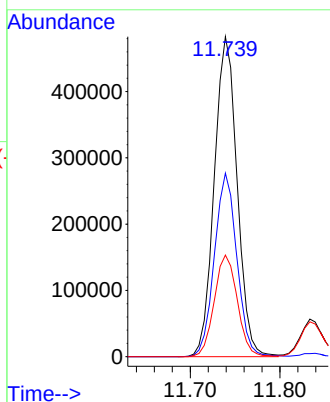
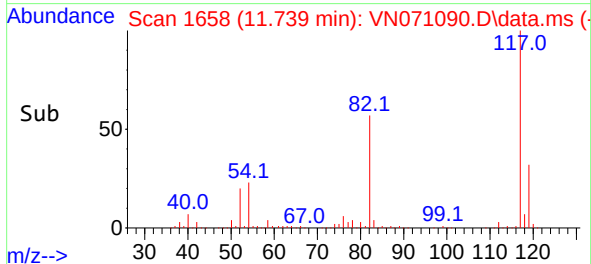
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



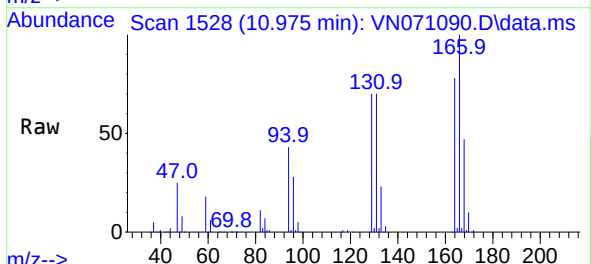
Tgt Ion:117 Resp: 853949
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.8 25.4 38.2

Manual Integrations
APPROVED

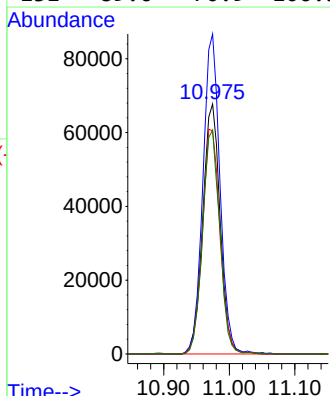
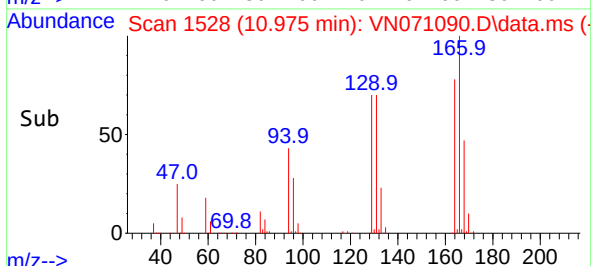
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

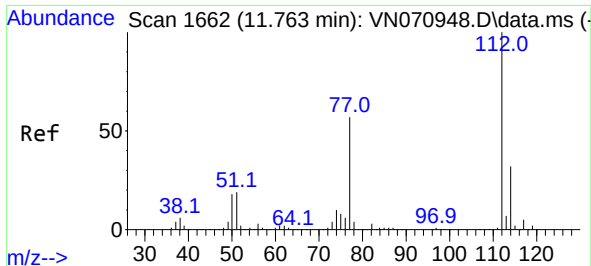


#64
Tetrachloroethene
Concen: 18.814 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



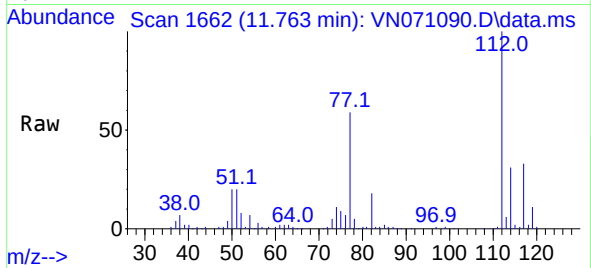
Tgt Ion:164 Resp: 125120
Ion Ratio Lower Upper
164 100
166 128.1 101.9 152.9
129 89.3 72.0 108.0
131 89.6 70.9 106.3





#65
Chlorobenzene
Concen: 20.391 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

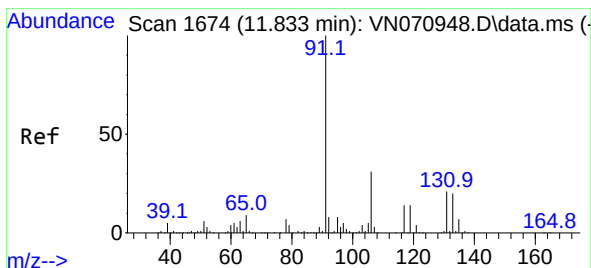
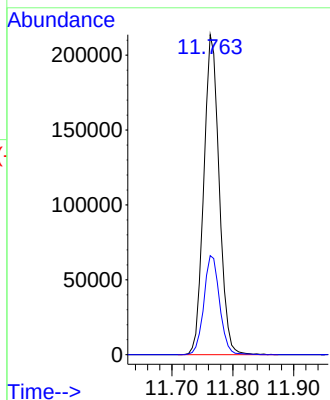
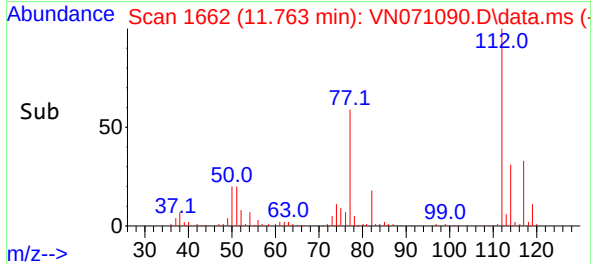
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



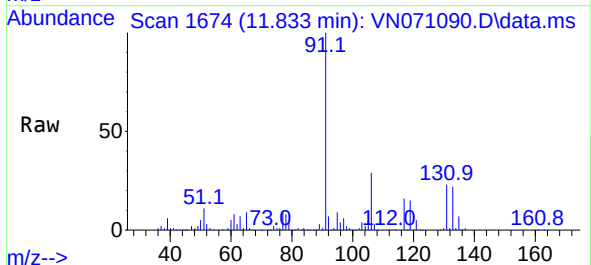
Tgt Ion:112 Resp: 375217
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.0

Manual Integrations
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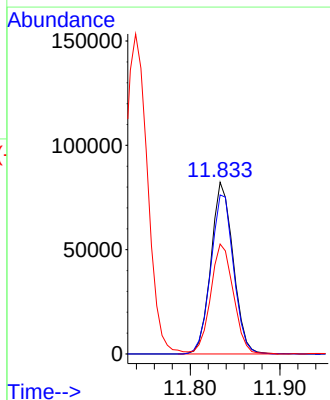
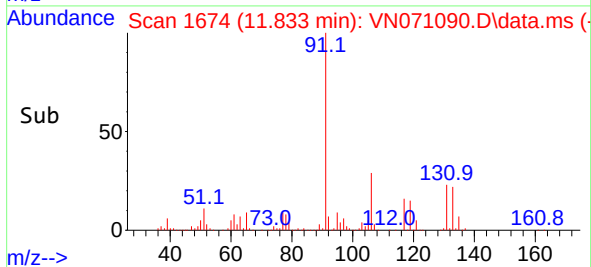
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

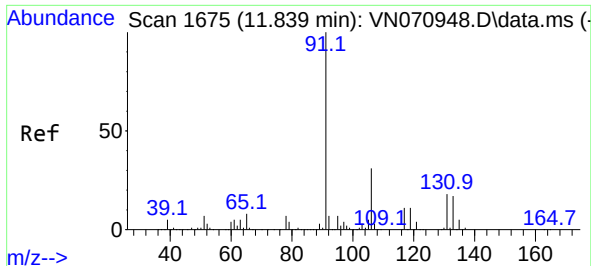


#66
1,1,1,2-Tetrachloroethane
Concen: 21.107 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion:131 Resp: 141579
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 65.5 32.1 96.5





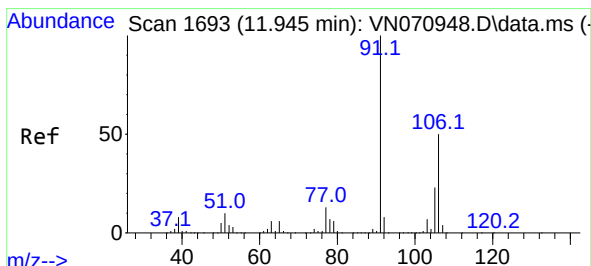
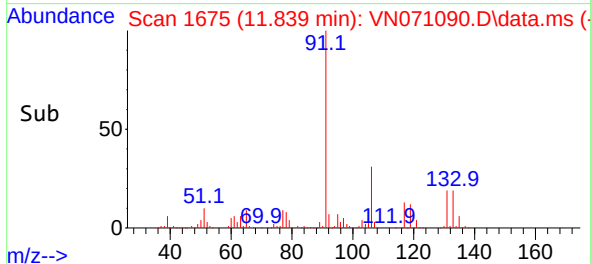
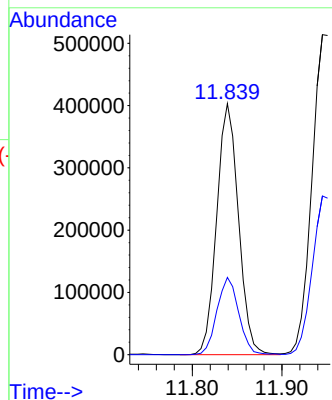
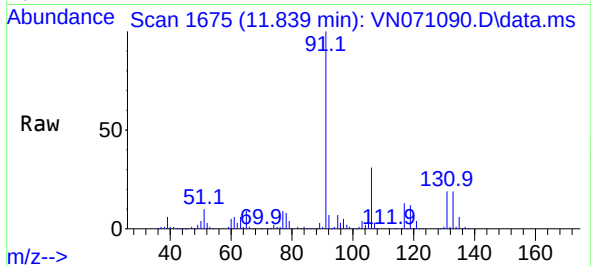
#67
Ethyl Benzene
Concen: 21.073 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 91 Resp: 67867
Ion Ratio Lower Upper
91 100
106 30.8 25.7 38.5

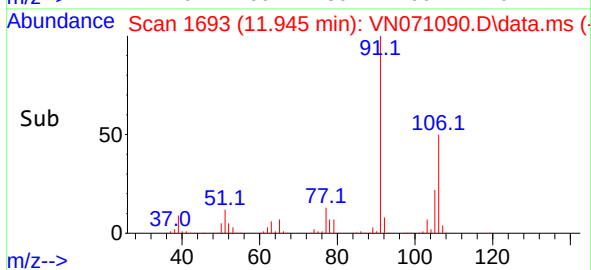
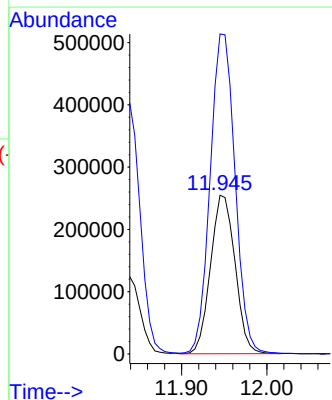
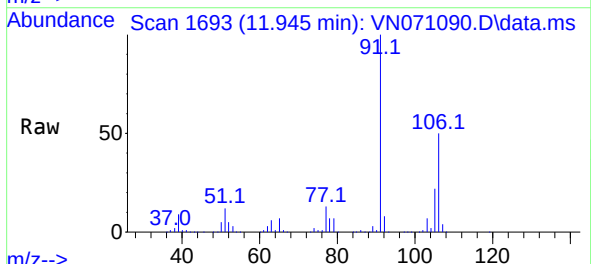
Manual Integrations
APPROVED

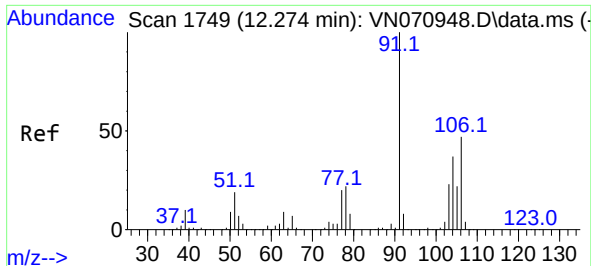
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#68
m/p-Xylenes
Concen: 40.969 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion:106 Resp: 509668
Ion Ratio Lower Upper
106 100
91 204.8 160.6 240.8





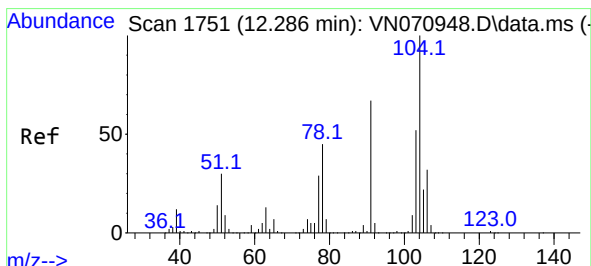
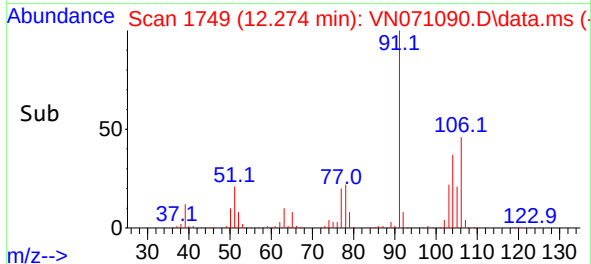
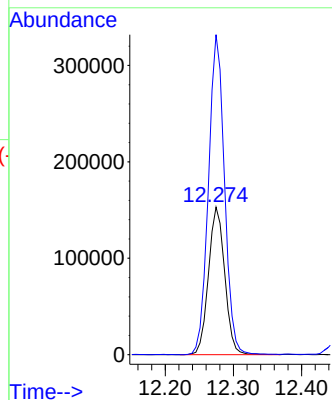
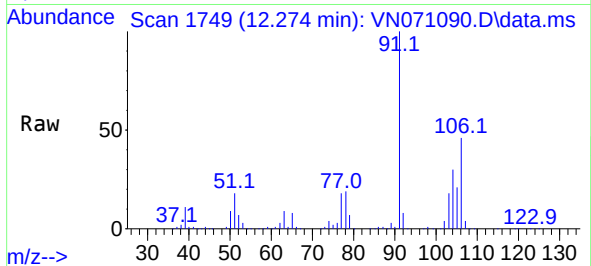
#69
o-Xylene
Concen: 20.889 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:106 Resp: 253854
Ion Ratio Lower Upper
106 100
91 214.2 105.8 317.3

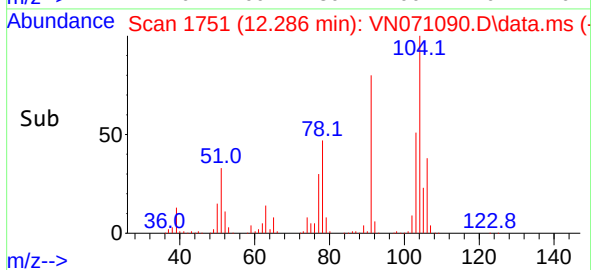
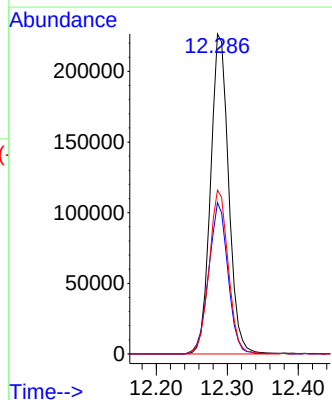
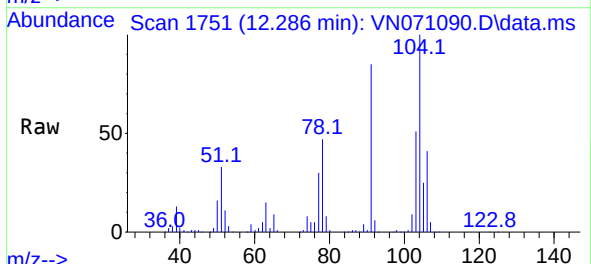
Manual Integrations
APPROVED

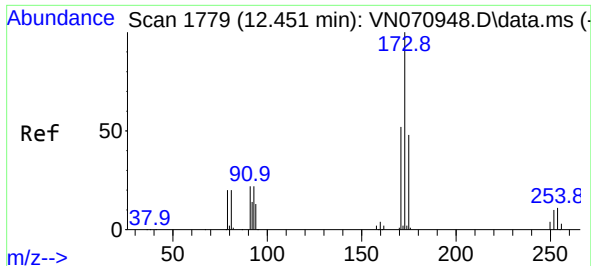
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#70
Styrene
Concen: 20.714 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

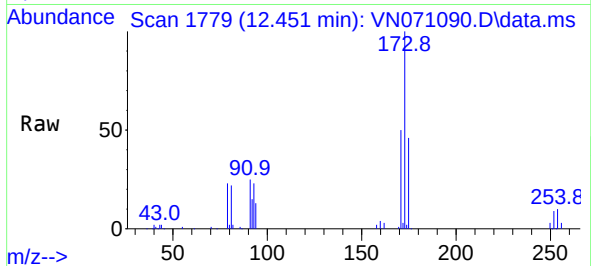
Tgt Ion:104 Resp: 400258
Ion Ratio Lower Upper
104 100
78 50.2 38.7 58.1
103 54.3 45.0 67.6





#71
Bromoform
Concen: 19.941 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

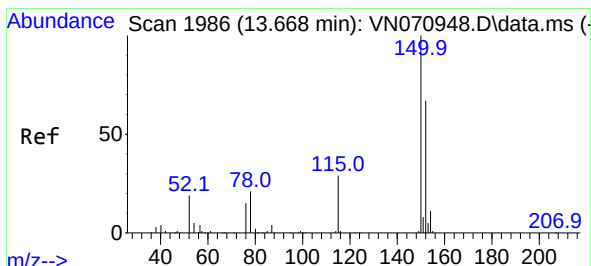
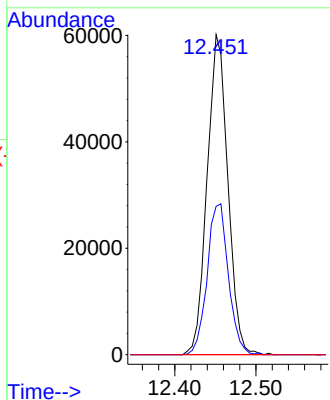
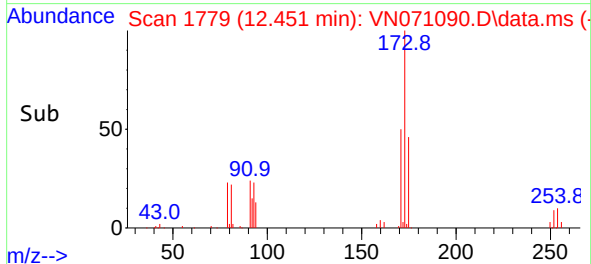
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



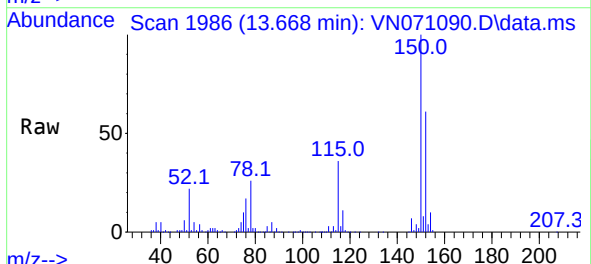
Tgt Ion:173 Resp: 106529
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

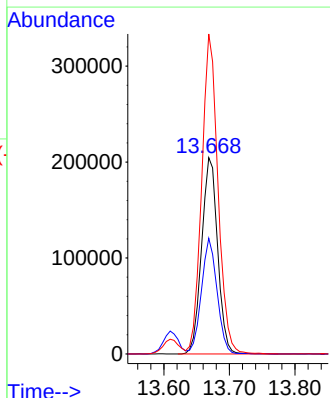
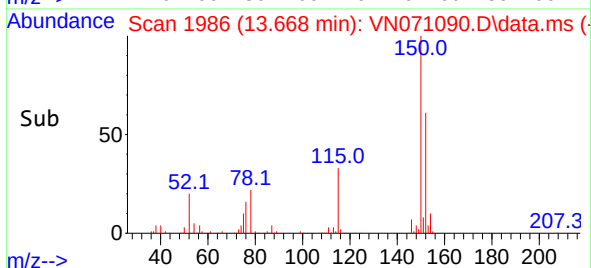
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

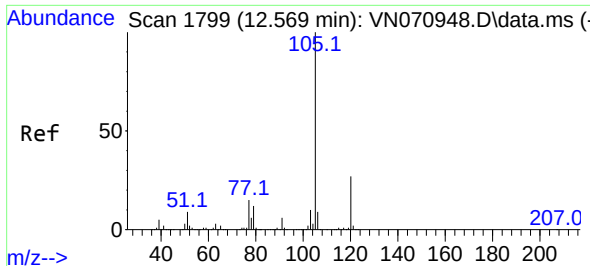


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion:152 Resp: 348054
Ion Ratio Lower Upper
152 100
115 57.2 27.5 82.5
150 165.7 0.0 344.4





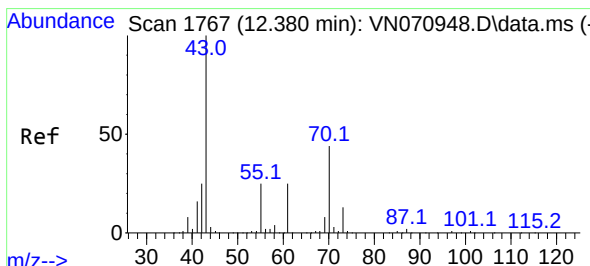
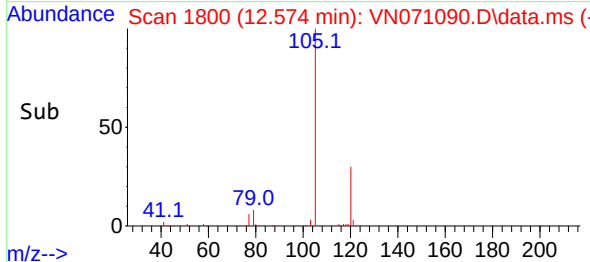
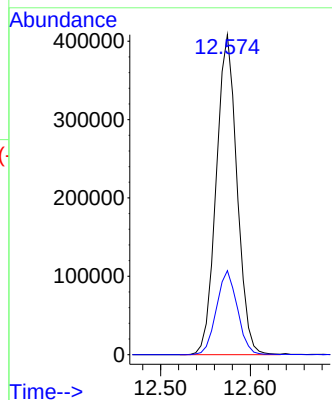
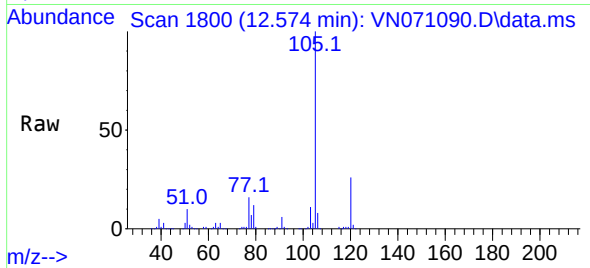
#73
Isopropylbenzene
Concen: 23.387 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:105 Resp: 655204
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

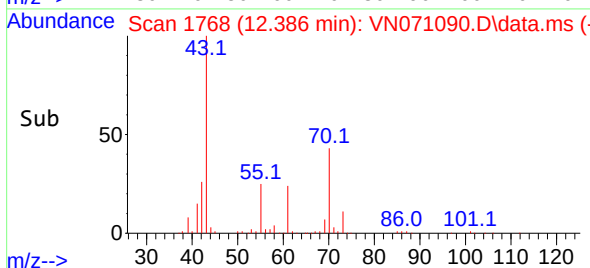
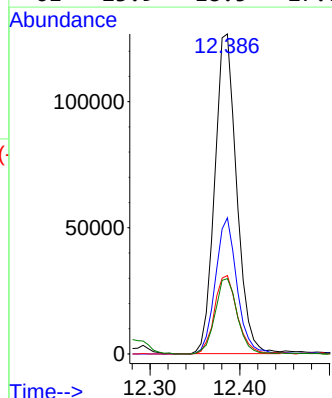
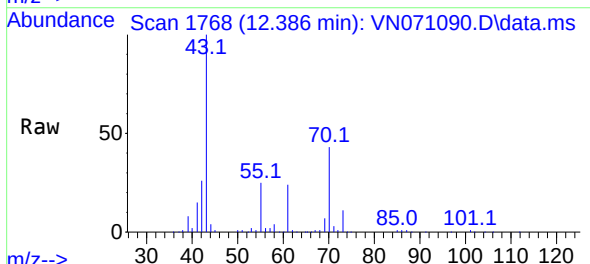
Manual Integrations
APPROVED

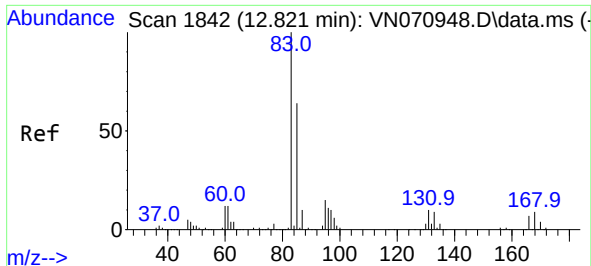
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#74
N-ethyl acetate
Concen: 23.995 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

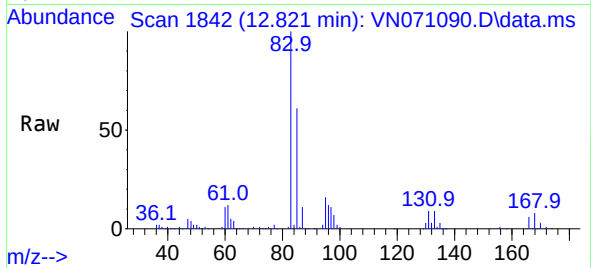
Tgt Ion: 43 Resp: 214878
Ion Ratio Lower Upper
43 100
70 42.2 33.4 50.0
55 25.5 19.3 28.9
61 23.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 25.082 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

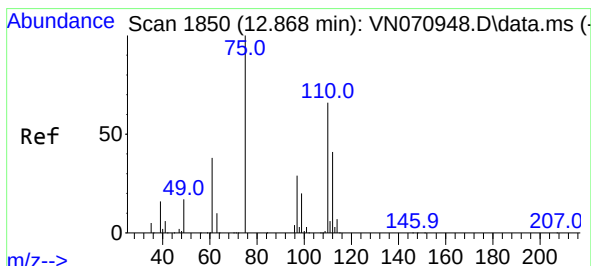
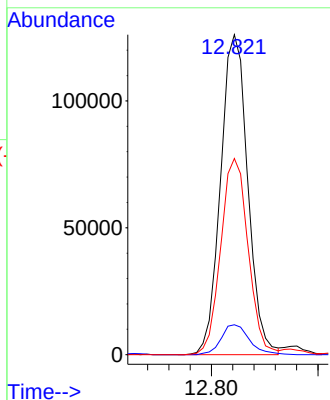
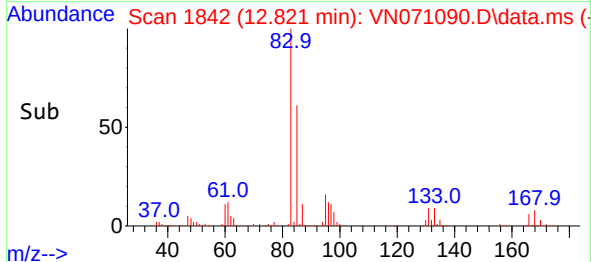
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



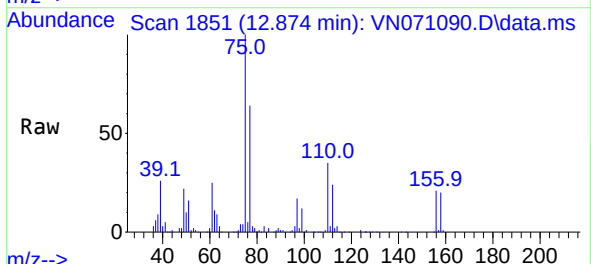
Tgt Ion: 83 Resp: 223294
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 61.7 32.4 97.2

Manual Integrations
APPROVED

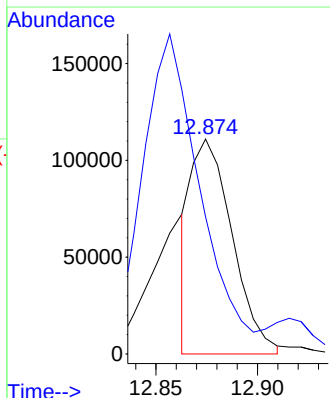
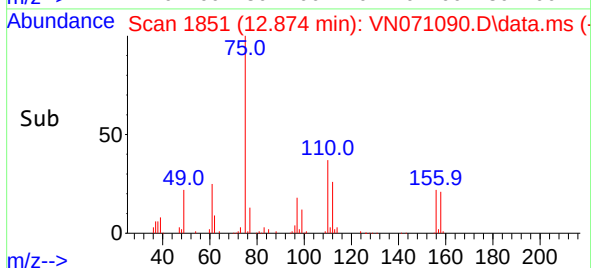
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

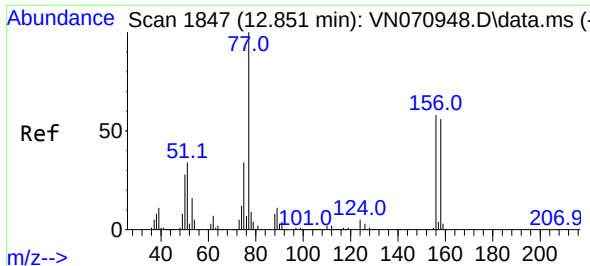


#76
1,2,3-Trichloropropane
Concen: 19.170 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



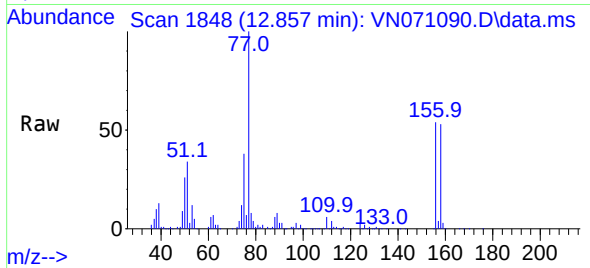
Tgt Ion: 75 Resp: 157101
Ion Ratio Lower Upper
75 100
77 208.2 82.6 247.8





#77
Bromobenzene
Concen: 22.267 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

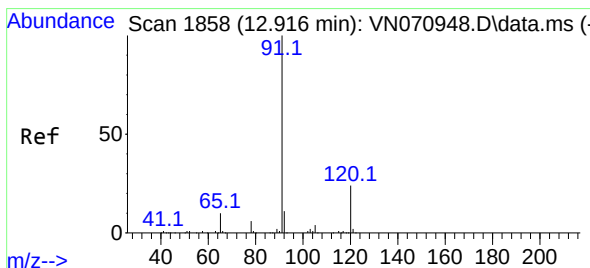
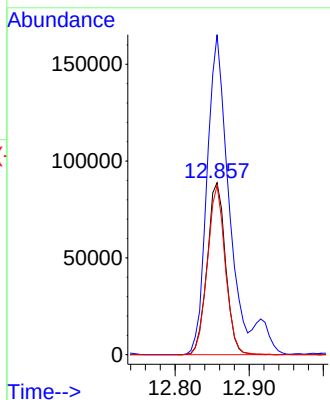
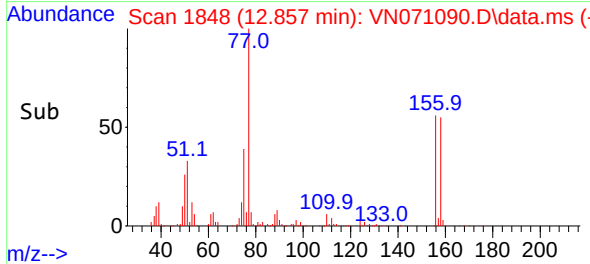
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



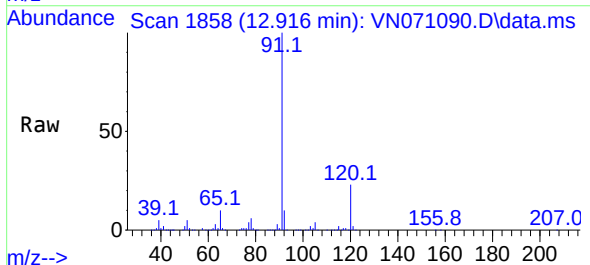
Tgt Ion: 156 Resp: 152714
Ion Ratio Lower Upper
156 100
77 214.2 90.6 271.8
158 96.1 48.9 146.7

Manual Integrations
APPROVED

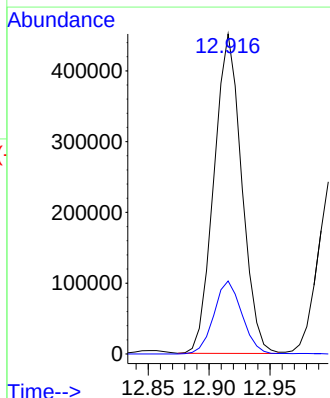
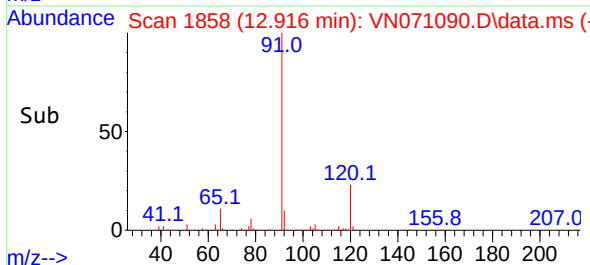
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

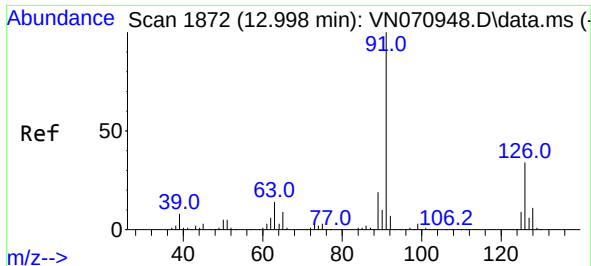


#78
n-propylbenzene
Concen: 22.710 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion: 91 Resp: 714827
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.9





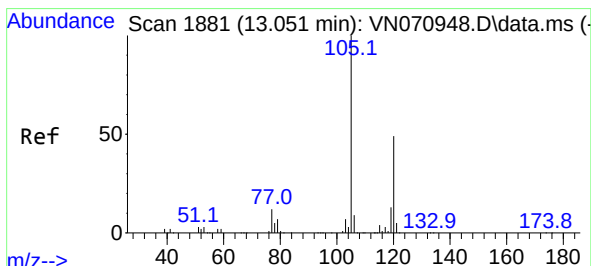
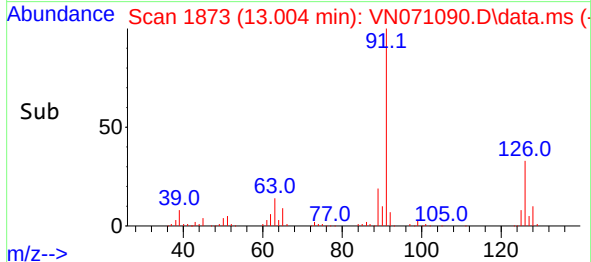
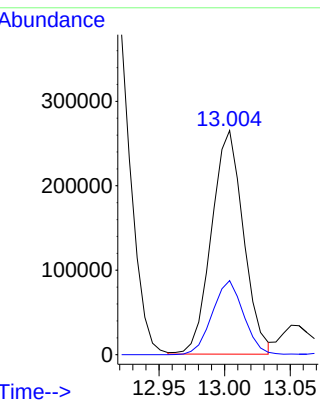
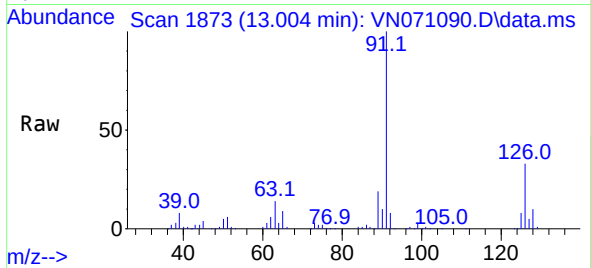
#79
2-Chlorotoluene
Concen: 23.458 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 91 Resp: 448402
Ion Ratio Lower Upper
91 100
126 32.6 18.3 54.8

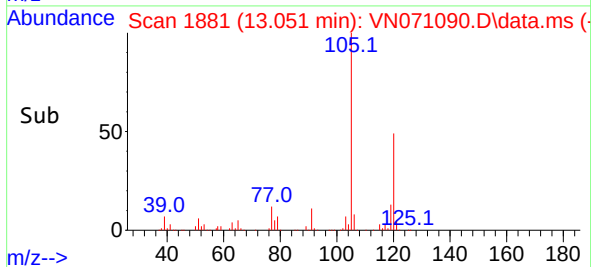
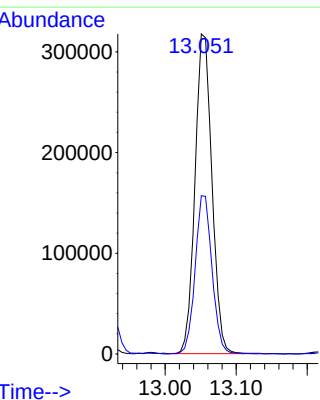
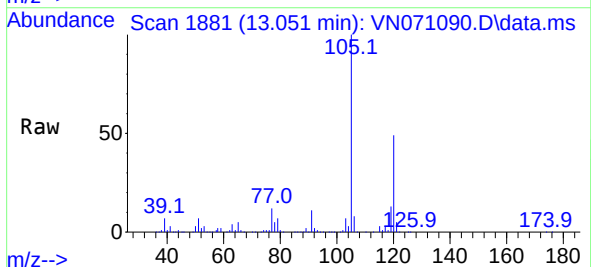
Manual Integrations
APPROVED

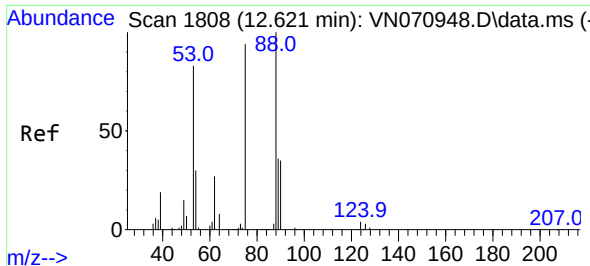
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.194 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

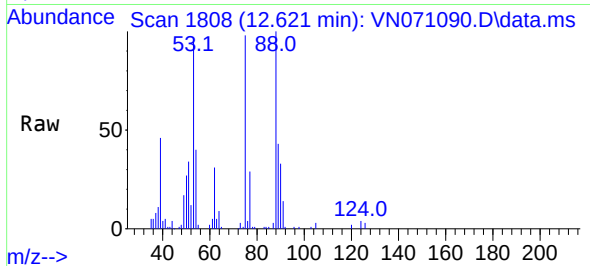
Tgt Ion:105 Resp: 526435
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 23.294 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

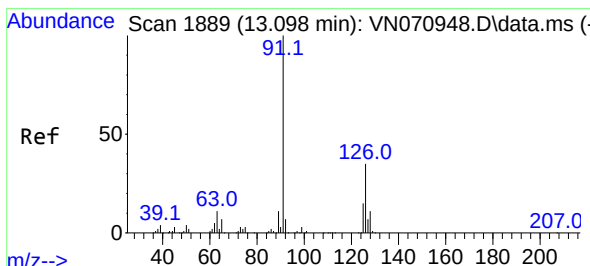
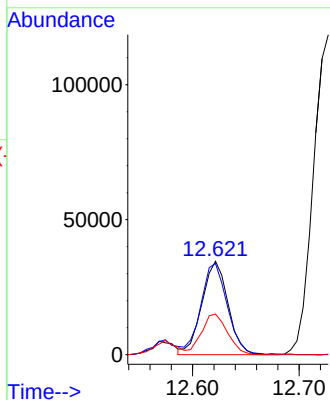
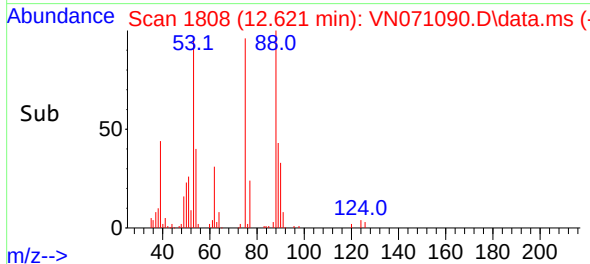
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



Tgt Ion: 75 Resp: 58910
Ion Ratio Lower Upper
75 100
53 97.1 90.5 135.7
89 43.3 38.2 57.4

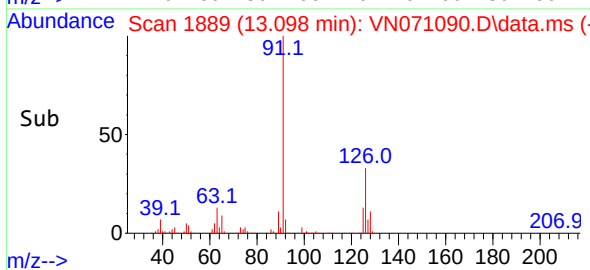
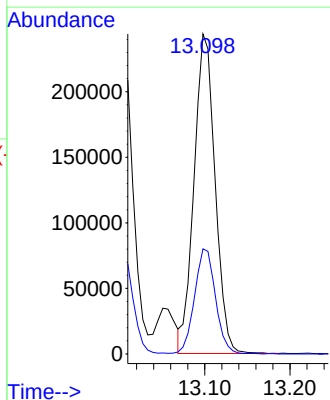
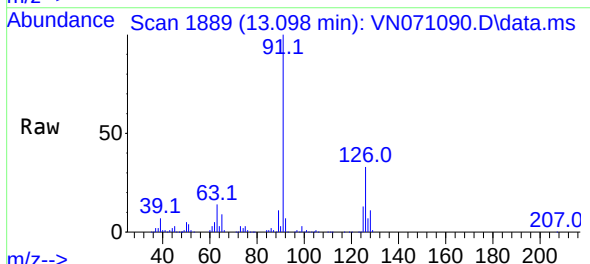
Manual Integrations
APPROVED

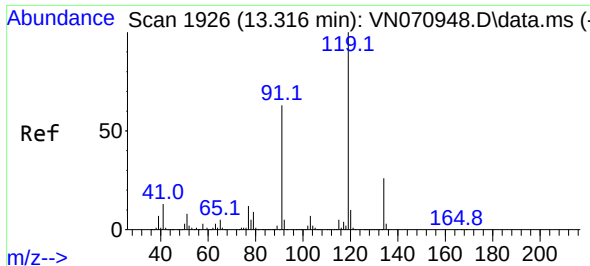
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#82
4-Chlorotoluene
Concen: 22.477 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion: 91 Resp: 417069
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





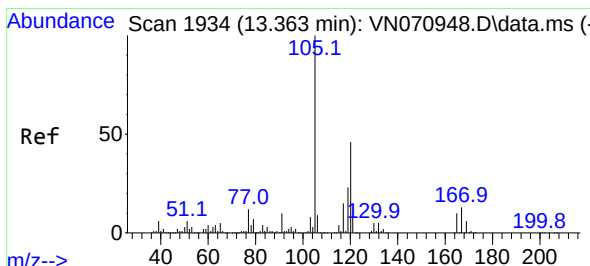
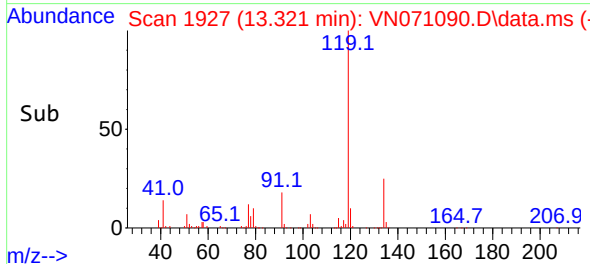
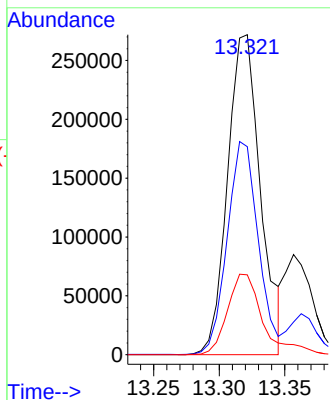
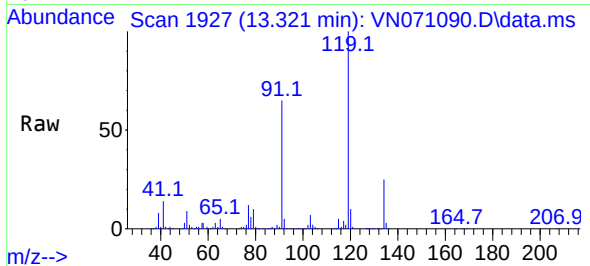
#83
tert-Butylbenzene
Concen: 22.140 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:119 Resp: 47655
Ion Ratio Lower Upper
119 100
91 62.6 31.5 94.5
134 27.0 12.4 37.4

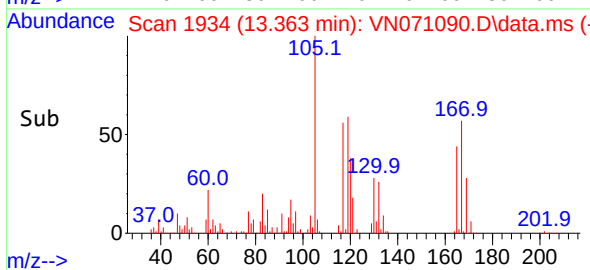
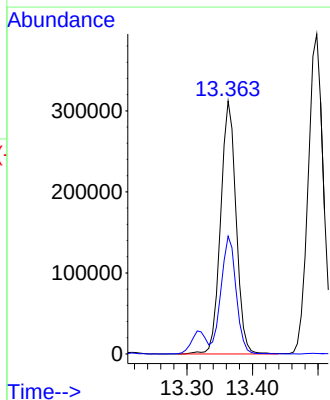
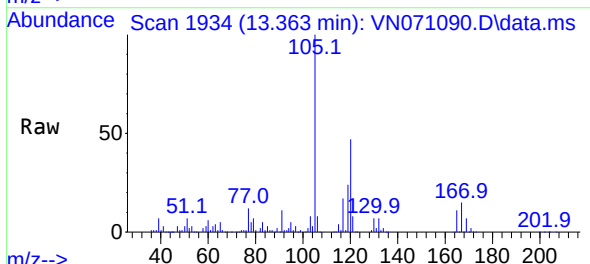
Manual Integrations
APPROVED

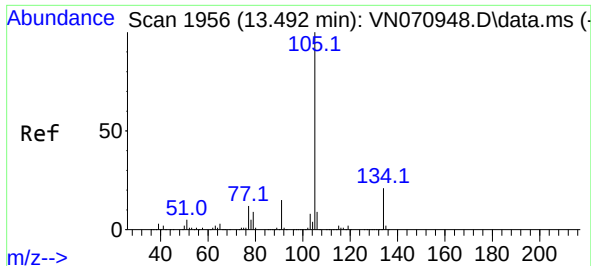
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 22.798 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion:105 Resp: 509368
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4





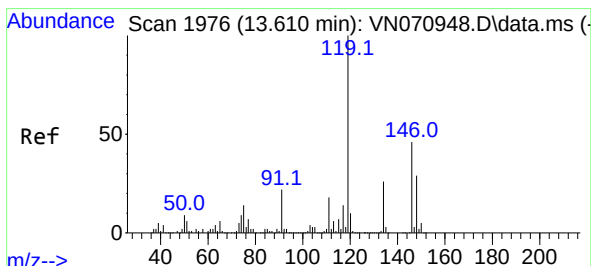
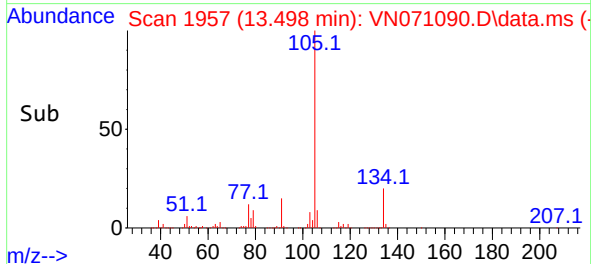
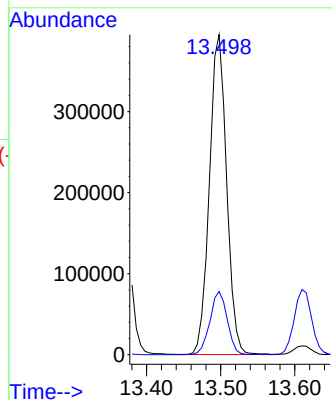
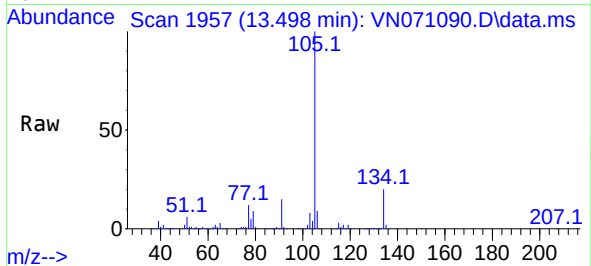
#85
 sec-Butylbenzene
 Concen: 22.446 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071090.D
 Acq: 28 Feb 2022 12:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228MBS01

Tgt Ion:105 Resp: 636618
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

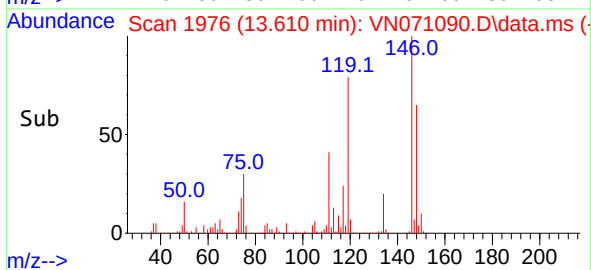
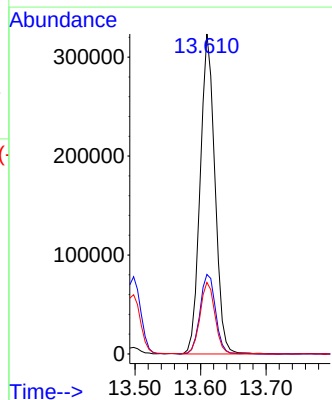
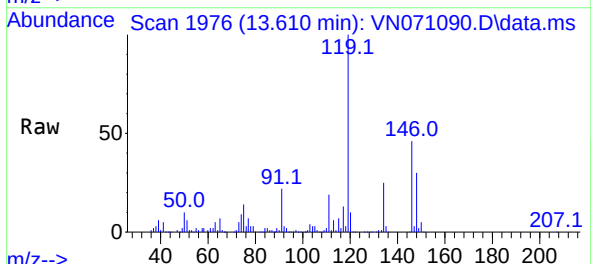
Manual Integrations
 APPROVED

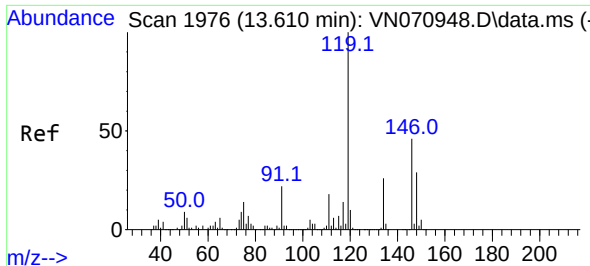
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#86
 p-Isopropyltoluene
 Concen: 21.750 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071090.D
 Acq: 28 Feb 2022 12:38

Tgt Ion:119 Resp: 506429
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 22.9 11.4 34.1





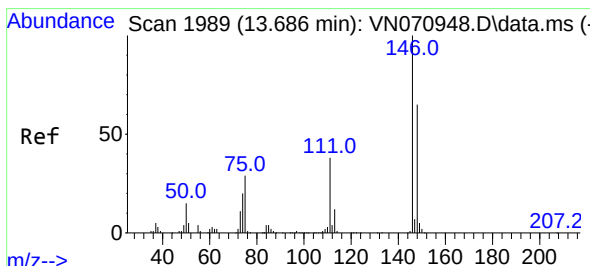
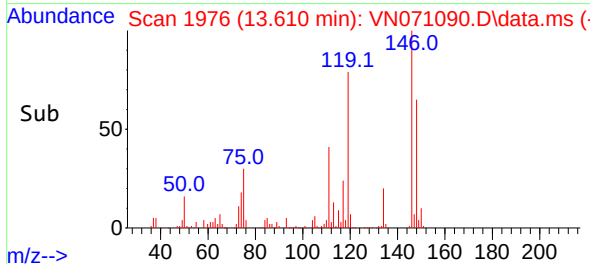
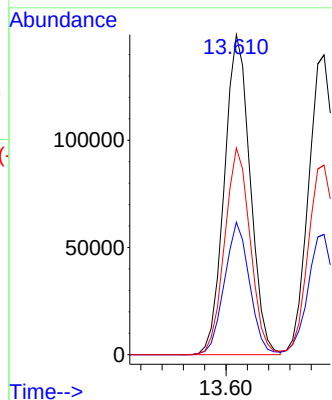
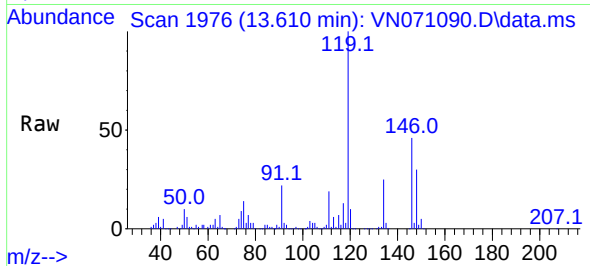
#87
1,3-Dichlorobenzene
Concen: 20.662 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:146 Resp: 25084
Ion Ratio Lower Upper
146 100
111 40.5 18.6 55.6
148 64.1 31.6 95.0

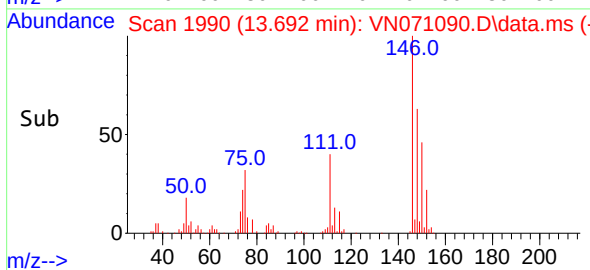
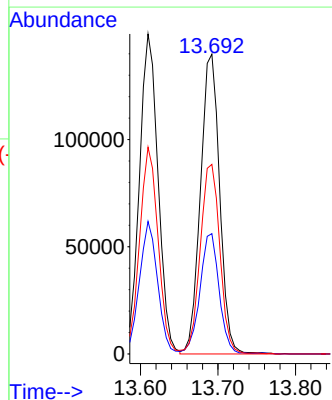
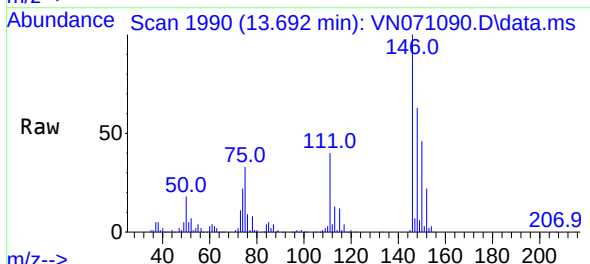
Manual Integrations
APPROVED

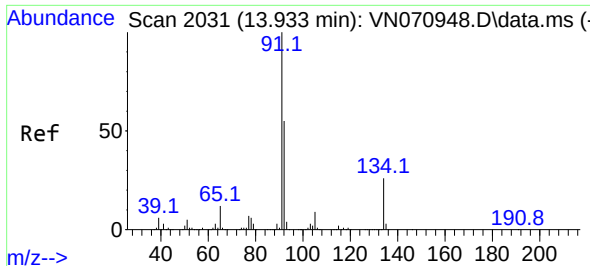
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#88
1,4-Dichlorobenzene
Concen: 20.262 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion:146 Resp: 241007
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 64.0 31.8 95.4





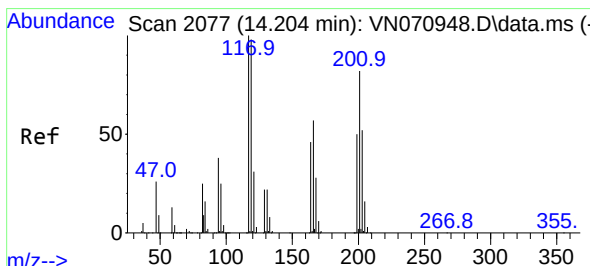
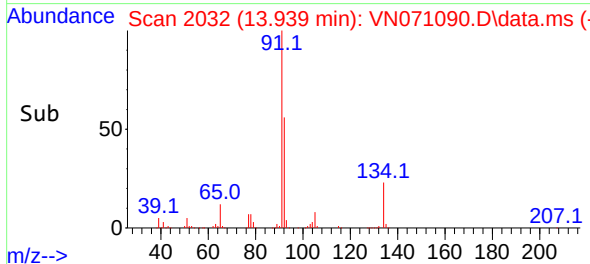
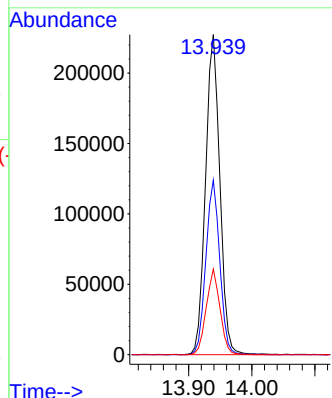
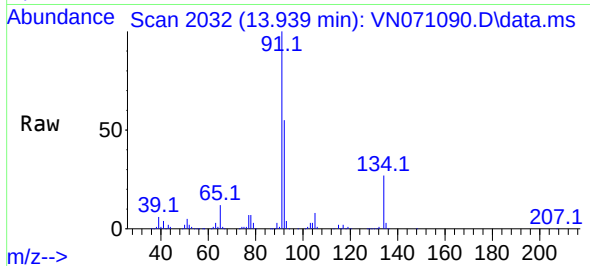
#89
n-Butylbenzene
Concen: 18.841 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion: 91 Resp: 357900
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 25.7 13.6 40.8

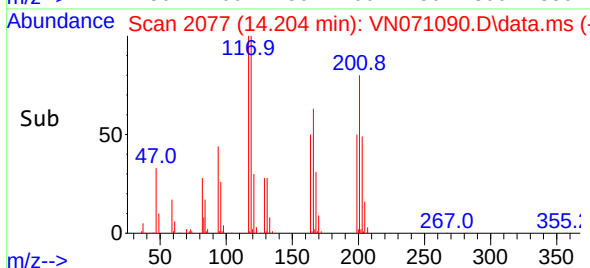
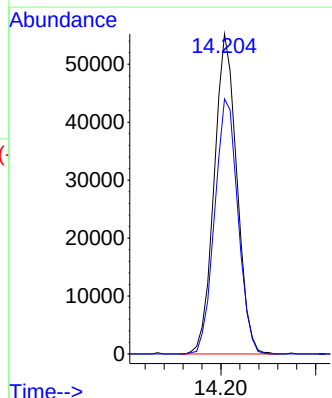
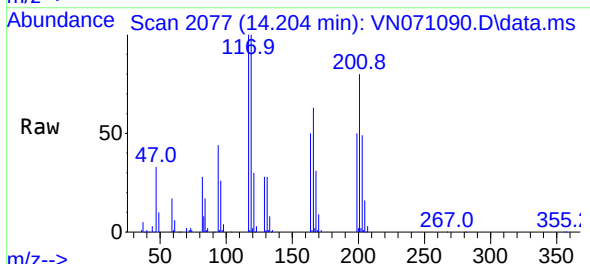
Manual Integrations
APPROVED

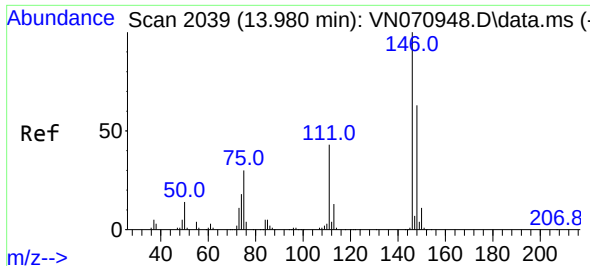
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#90
Hexachloroethane
Concen: 22.049 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Tgt Ion:117 Resp: 91684
Ion Ratio Lower Upper
117 100
201 81.9 43.9 131.6





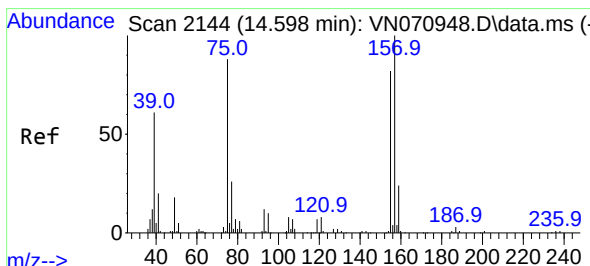
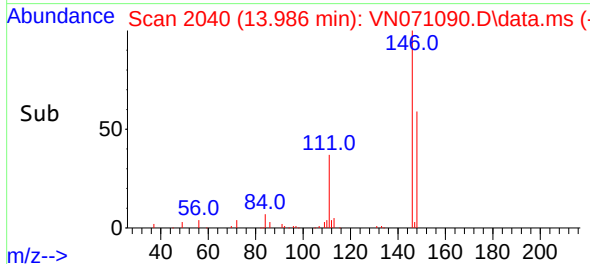
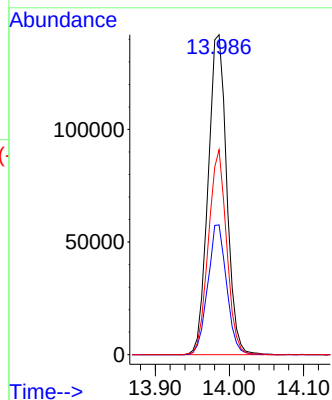
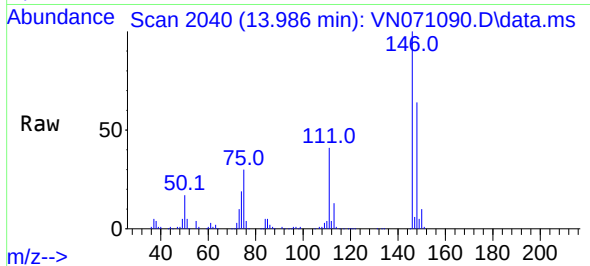
#91
1,2-Dichlorobenzene
Concen: 21.734 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01

Tgt Ion:146 Resp: 247775
Ion Ratio Lower Upper
146 100
111 41.2 19.1 57.3
148 62.6 32.1 96.3

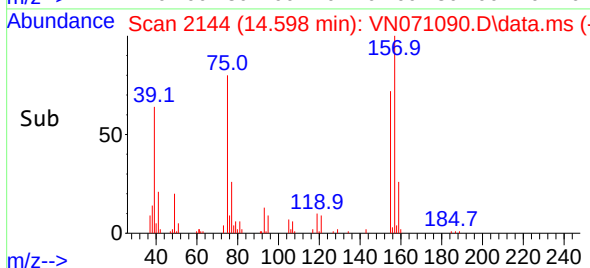
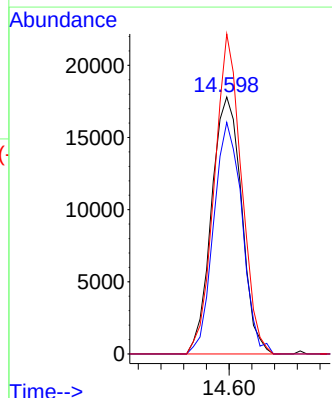
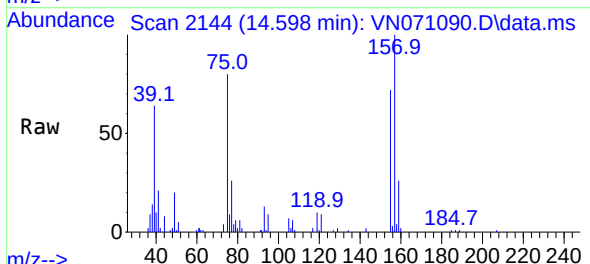
Manual Integrations
APPROVED

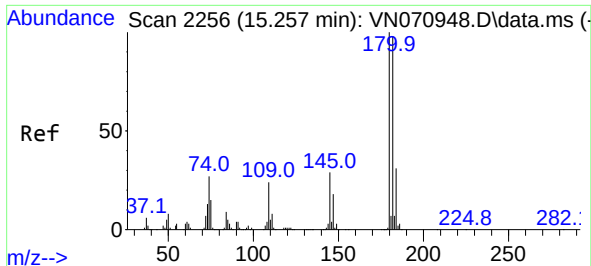
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.634 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

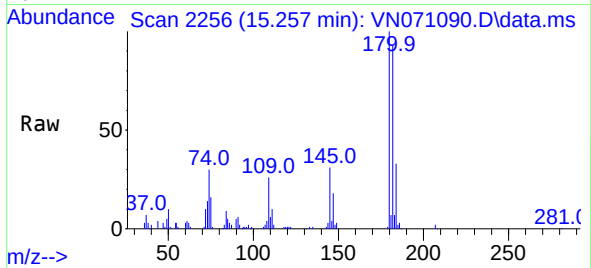
Tgt Ion: 75 Resp: 32647
Ion Ratio Lower Upper
75 100
155 85.5 46.9 140.7
157 112.3 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.560 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

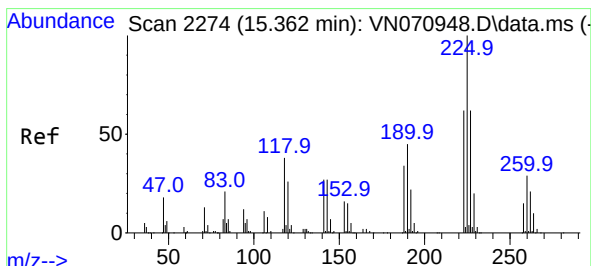
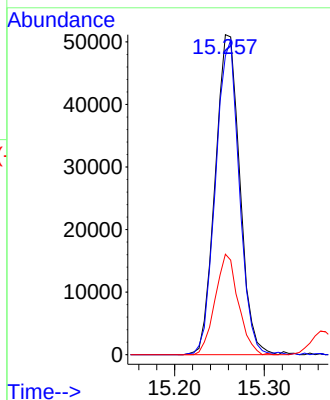
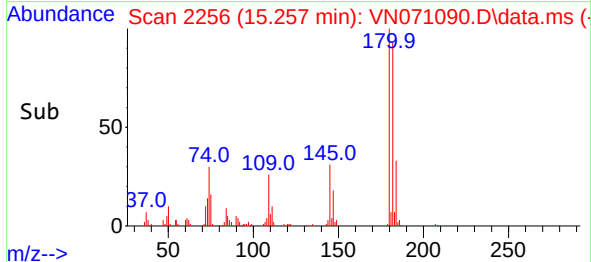
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



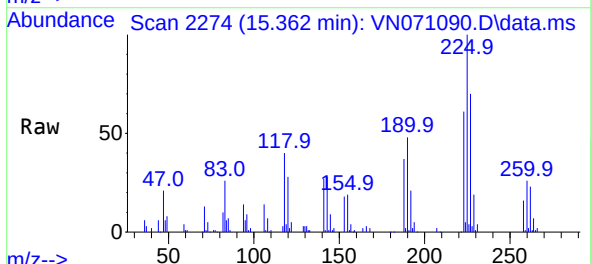
Tgt Ion:180 Resp: 97194
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 29.6 14.5 43.5

Manual Integrations
APPROVED

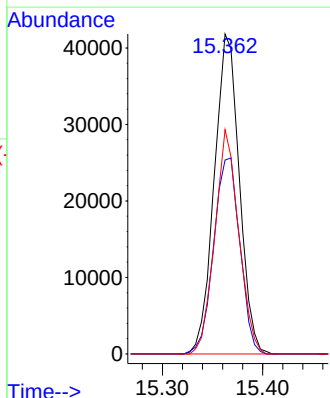
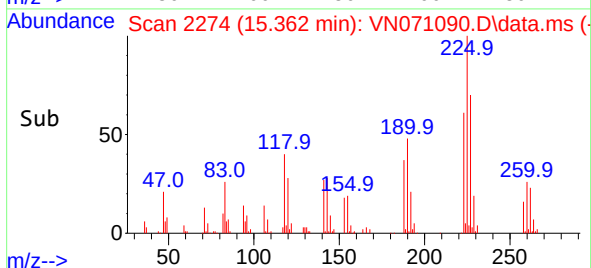
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

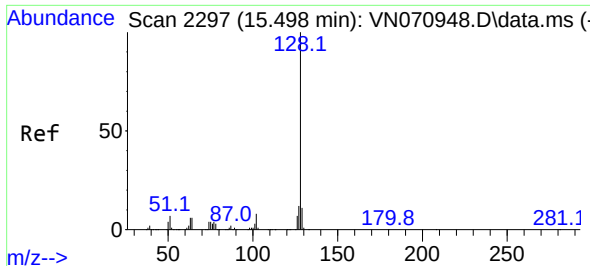


#94
Hexachlorobutadiene
Concen: 17.420 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



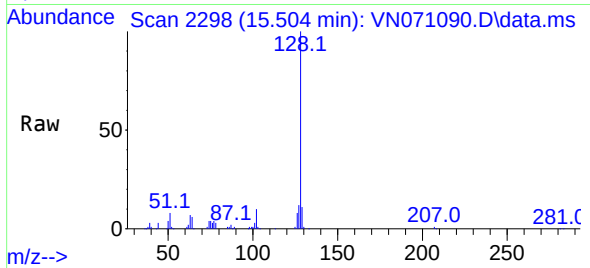
Tgt Ion:225 Resp: 72421
Ion Ratio Lower Upper
225 100
223 63.9 31.9 95.7
227 66.7 32.1 96.3





#95
Naphthalene
Concen: 15.505 ug/l
RT: 15.504 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38

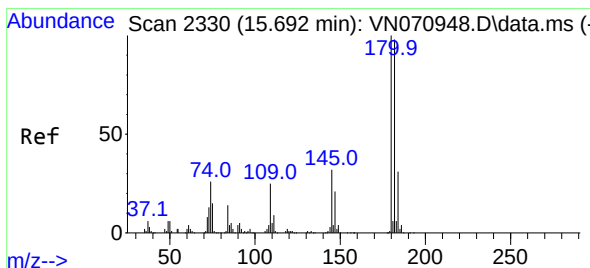
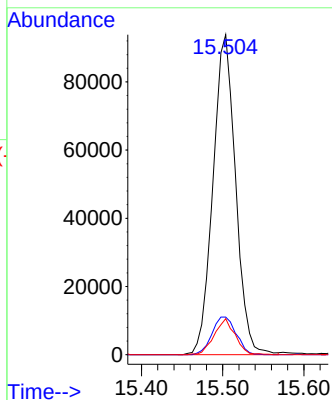
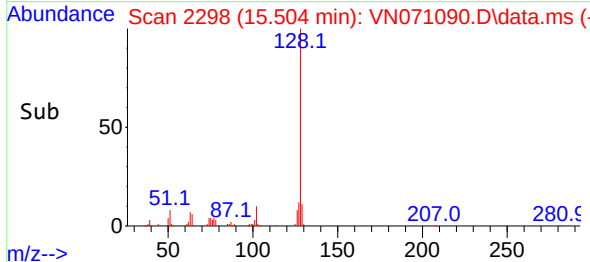
Instrument :
MSVOA_N
ClientSampleId :
VN0228MBS01



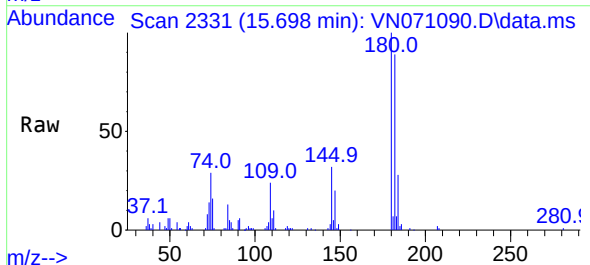
Tgt Ion:128 Resp: 18176
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 16.748 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071090.D
Acq: 28 Feb 2022 12:38



Tgt Ion:180 Resp: 88529
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 30.6 15.0 45.1

