

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071367.D
 Acq On : 18 Mar 2022 13:05
 Operator : JC\MD
 Sample : VN0318WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 16:58:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	591775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	968267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	876641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	341127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	430245	53.048	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.100%			
35) Dibromofluoromethane	8.016	113	319046	52.216	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.440%			
50) Toluene-d8	10.439	98	1248313	50.742	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.727	95	418346	50.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	101613	15.667	ug/l	100
3) Chloromethane	2.299	50	143250	16.429	ug/l	99
4) Vinyl Chloride	2.440	62	128128	16.120	ug/l	97
5) Bromomethane	2.852	94	74775	17.141	ug/l	99
6) Chloroethane	3.016	64	81815	16.997	ug/l	99
7) Trichlorofluoromethane	3.375	101	178701	17.082	ug/l	99
8) Diethyl Ether	3.828	74	81410	18.185	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.216	101	106347	17.560	ug/l	95
10) Methyl Iodide	4.422	142	132381	15.476	ug/l	99
11) Tert butyl alcohol	5.363	59	131447	82.501	ug/l	100
12) 1,1-Dichloroethene	4.187	96	99694	16.804	ug/l	93
13) Acrolein	4.040	56	89783	53.239	ug/l	98
14) Allyl chloride	4.840	41	215486	16.700	ug/l	87
15) Acrylonitrile	5.546	53	414666	87.650	ug/l	99
16) Acetone	4.287	43	349354	88.527	ug/l	99
17) Carbon Disulfide	4.534	76	245263	14.521	ug/l	99
18) Methyl Acetate	4.851	43	207678	19.881	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	416082	18.680	ug/l	94
20) Methylene Chloride	5.098	84	133531	18.754	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	107814	16.614	ug/l	92
22) Diisopropyl ether	6.493	45	475525	18.706	ug/l	90
23) Vinyl Acetate	6.434	43	2014773	93.618	ug/l	96
24) 1,1-Dichloroethane	6.387	63	238070	17.723	ug/l	98
25) 2-Butanone	7.328	43	571621	89.919	ug/l	91
26) 2,2-Dichloropropane	7.322	77	186365	17.983	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	136786	17.760	ug/l	90
28) Bromochloromethane	7.657	49	99542	16.640	ug/l	84
29) Tetrahydrofuran	7.681	42	389566	88.457	ug/l	92
30) Chloroform	7.816	83	234118	18.273	ug/l	96
31) Cyclohexane	8.092	56	218533	16.873	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	194196	17.794	ug/l	97
36) 1,1-Dichloropropene	8.222	75	164587	16.812	ug/l	96
37) Ethyl Acetate	7.410	43	240960	17.885	ug/l	97
38) Carbon Tetrachloride	8.204	117	164902	17.415	ug/l	96
39) Methylcyclohexane	9.457	83	196297	17.045	ug/l	94
40) Benzene	8.457	78	522538	17.716	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	122141	18.525	ug/l	86
42) 1,2-Dichloroethane	8.528	62	195610	19.058	ug/l	100
43) Isopropyl Acetate	8.557	43	364251	18.079	ug/l	95
44) Trichloroethene	9.216	130	123002	17.674	ug/l	94
45) 1,2-Dichloropropane	9.486	63	142176	17.956	ug/l	100
46) Dibromomethane	9.575	93	89447	18.354	ug/l	98
47) Bromodichloromethane	9.757	83	185081	18.792	ug/l	100
48) Methyl methacrylate	9.557	41	171896	18.410	ug/l #	83
49) 1,4-Dioxane	9.563	88	56387	347.436	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	1142743	91.392	ug/l	99
52) Toluene	10.504	92	323005	17.784	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	197542	18.196	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	214265	18.063	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	132971	18.270	ug/l	98
56) Ethyl methacrylate	10.757	69	215143	18.101	ug/l	92
57) 1,3-Dichloropropane	11.039	76	237173	18.155	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	254102	118.282	ug/l	95
59) 2-Hexanone	11.080	43	807962	94.704	ug/l	99
60) Dibromochloromethane	11.233	129	136269	18.844	ug/l	98
61) 1,2-Dibromoethane	11.339	107	132963	17.875	ug/l	100
64) Tetrachloroethene	10.975	164	105280	17.219	ug/l	99
65) Chlorobenzene	11.769	112	338540	17.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	128780	18.655	ug/l	99
67) Ethyl Benzene	11.839	91	603151	18.120	ug/l	96
68) m/p-Xylenes	11.951	106	449199	36.888	ug/l	97
69) o-Xylene	12.275	106	222333	18.214	ug/l	97
70) Styrene	12.292	104	353147	18.690	ug/l	98
71) Bromoform	12.457	173	101034	19.272	ug/l #	99
73) Isopropylbenzene	12.574	105	576793	17.540	ug/l	99
74) N-amyl acetate	12.386	43	235420	19.040	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	214790	20.467	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	164141m	18.050	ug/l	
77) Bromobenzene	12.857	156	134446	17.533	ug/l	79
78) n-propylbenzene	12.916	91	632251	17.917	ug/l	96
79) 2-Chlorotoluene	13.004	91	398272	17.583	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	468622	18.317	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	57952	18.364	ug/l	93
82) 4-Chlorotoluene	13.104	91	372299	18.452	ug/l	95
83) tert-Butylbenzene	13.321	119	412030	18.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	465663	19.003	ug/l	97
85) sec-Butylbenzene	13.498	105	549984	18.123	ug/l	99
86) p-Isopropyltoluene	13.610	119	443051	18.564	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	221138	17.749	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	216049	17.739	ug/l	97
89) n-Butylbenzene	13.939	91	324524	17.385	ug/l	96
90) Hexachloroethane	14.210	117	84847	17.877	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	220926	18.444	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	36224	18.933	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	96152	19.160	ug/l	99
94) Hexachlorobutadiene	15.368	225	58750	17.471	ug/l	99
95) Naphthalene	15.504	128	254112	19.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	93014	19.151	ug/l	99

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MSVOA_N
ClientSampleId :
VN0318WBSD01

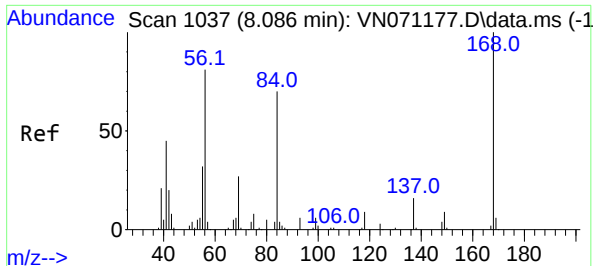
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

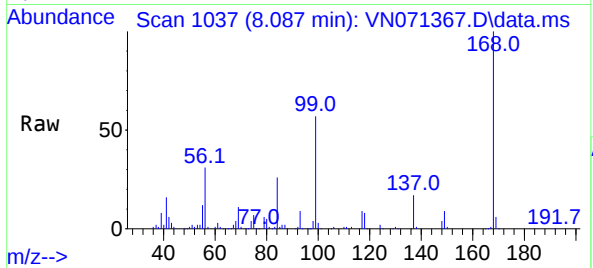
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

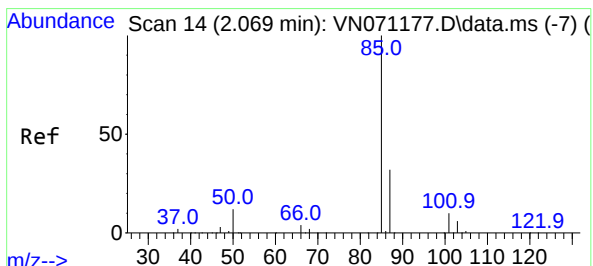
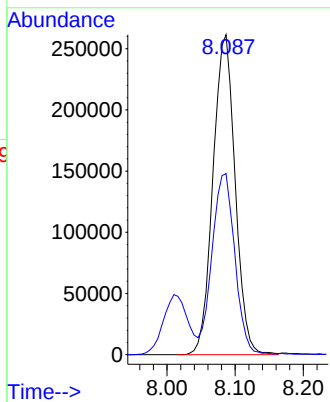
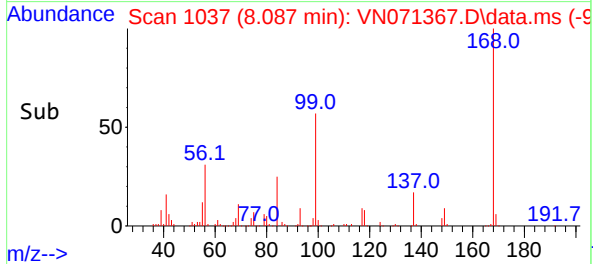
Instrument :
MSVOA_N
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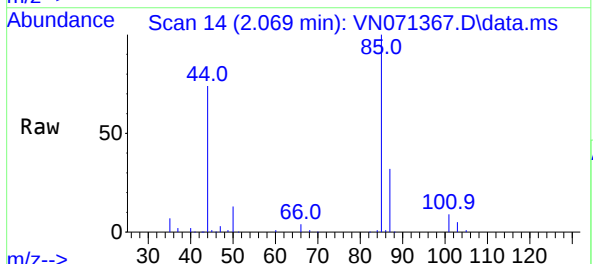
Tgt Ion:168 Resp: 591775
Ion Ratio Lower Upper
168 100
99 56.3 41.3 61.9

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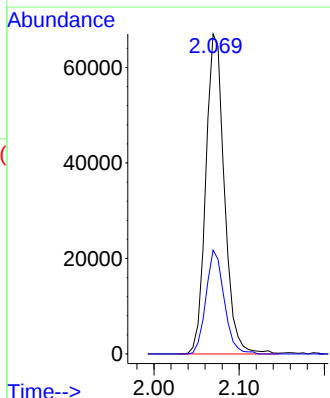
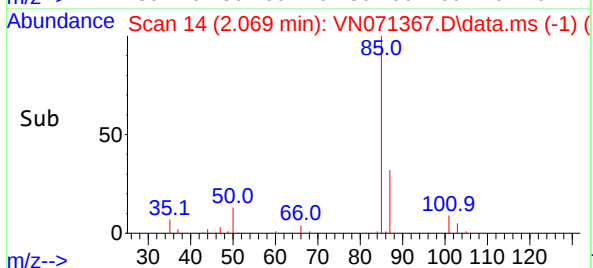
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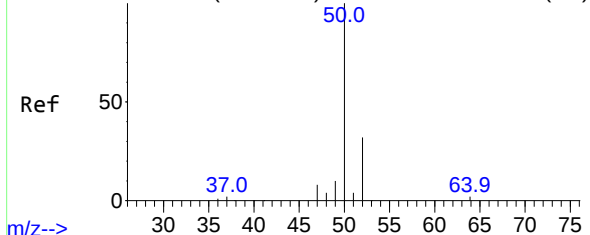
#2
Dichlorodifluoromethane
Concen: 15.667 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion: 85 Resp: 101613
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9



Abundance Scan 53 (2.299 min): VN071177.D\data.ms (-44)



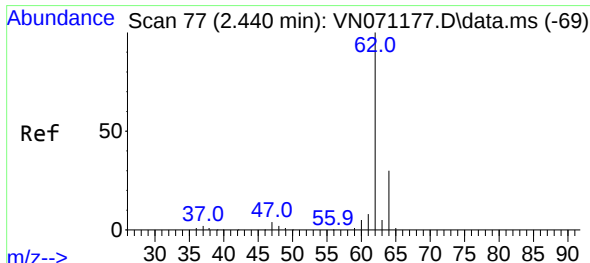
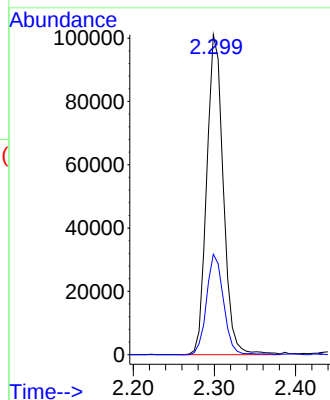
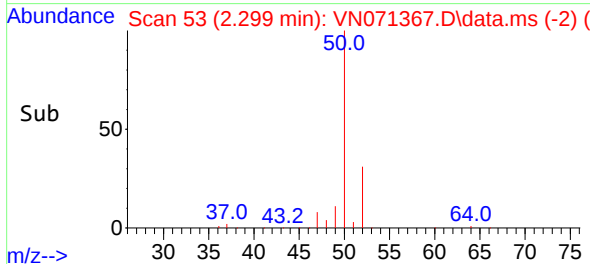
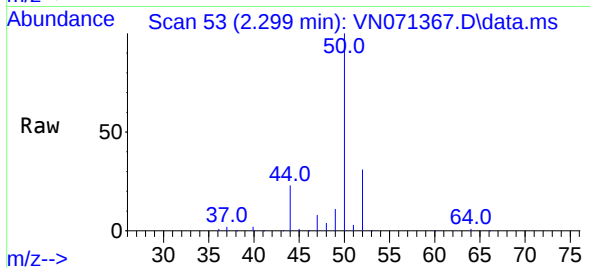
#3
Chloromethane
Concen: 16.429 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 50 Resp: 143250
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

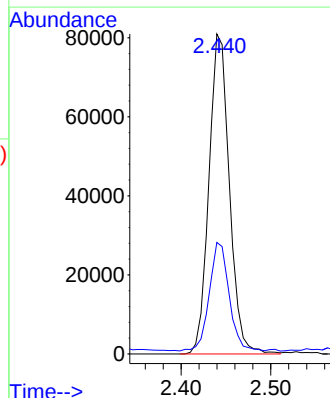
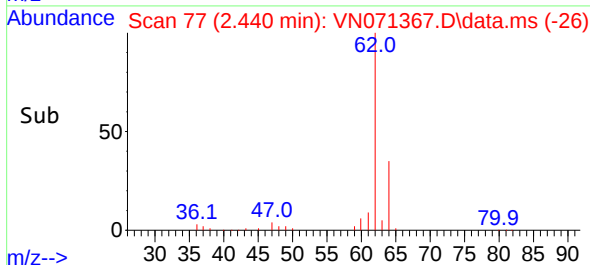
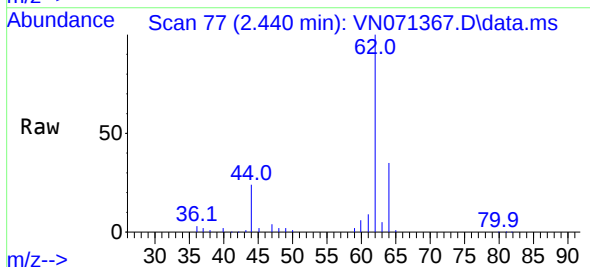
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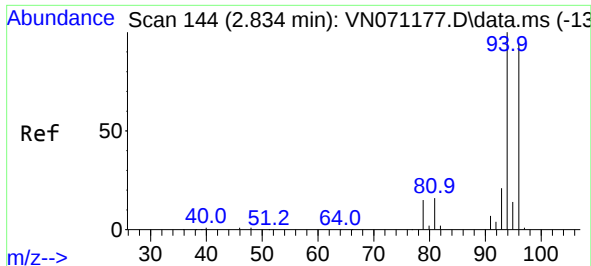
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#4
Vinyl Chloride
Concen: 16.120 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

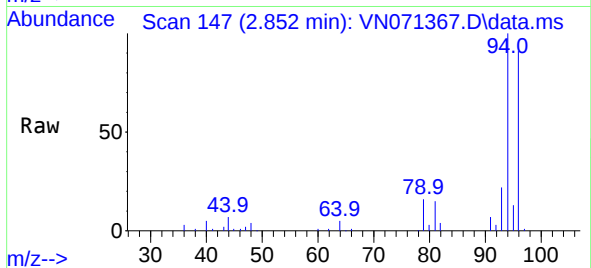
Tgt Ion: 62 Resp: 128128
Ion Ratio Lower Upper
62 100
64 33.9 25.8 38.6





#5
Bromomethane
Concen: 17.141 ug/l
RT: 2.852 min Scan# 144
Delta R.T. 0.018 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

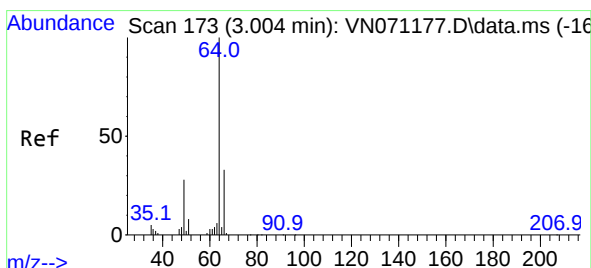
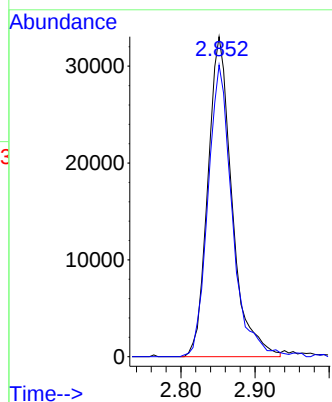
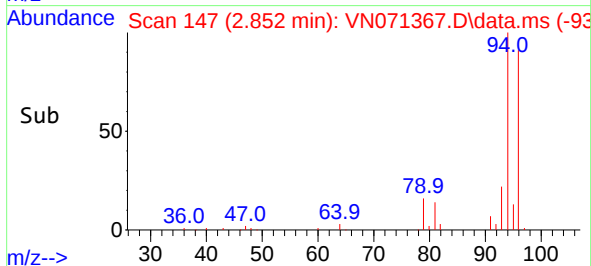
Instrument :
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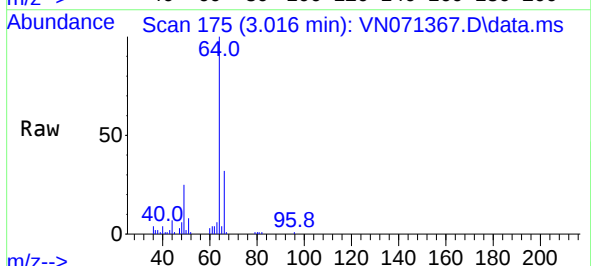
Tgt Ion: 94 Resp: 74775
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

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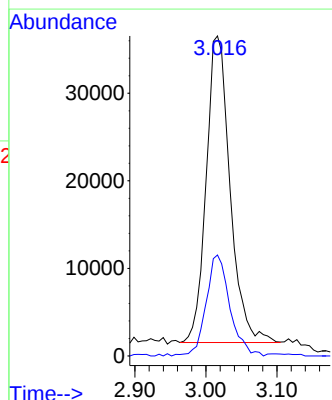
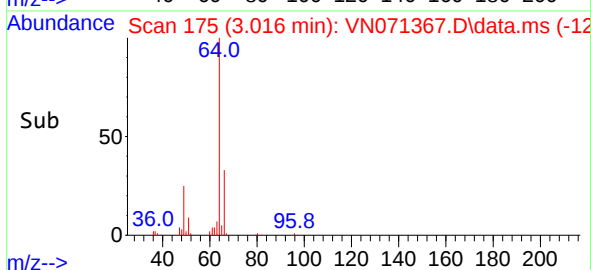
Reviewed By :John Carlone 03/19/2022
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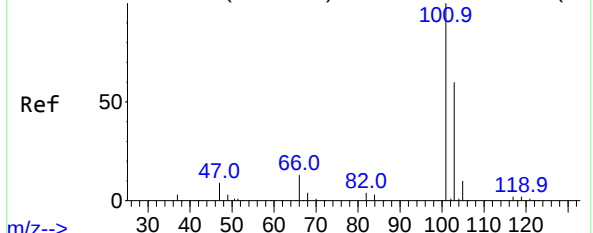
#6
Chloroethane
Concen: 16.997 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



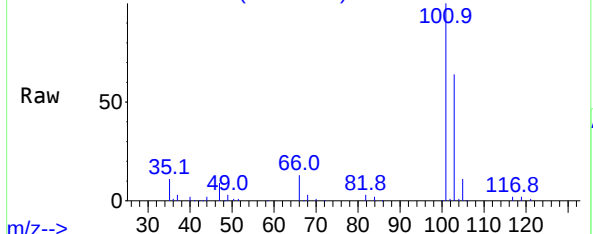
Tgt Ion: 64 Resp: 81815
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5



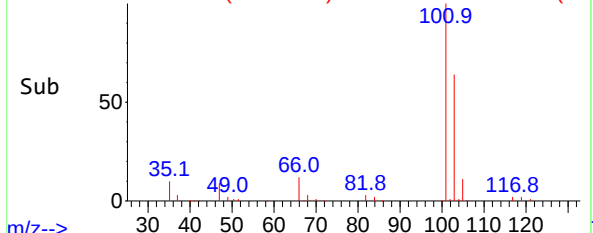
Abundance Scan 235 (3.369 min): VN071177.D\data.ms (-22



Abundance Scan 236 (3.375 min): VN071367.D\data.ms



Abundance Scan 236 (3.375 min): VN071367.D\data.ms (-18



#7

Trichlorofluoromethane

Concen: 17.082 ug/l

RT: 3.375 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071367.D

Acq: 18 Mar 2022 13:05

Tgt Ion:101 Resp: 17870

Ion Ratio Lower Upper

101 100

103 63.5 50.1 75.1

Instrument :

MSVOA_N

ClientSampleId :

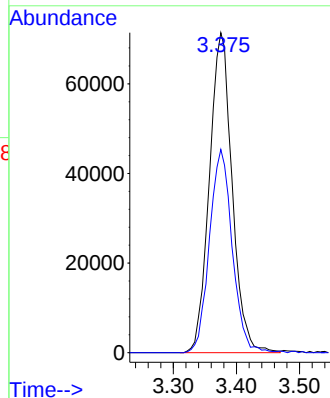
VN0318WBSD01

Manual Integrations

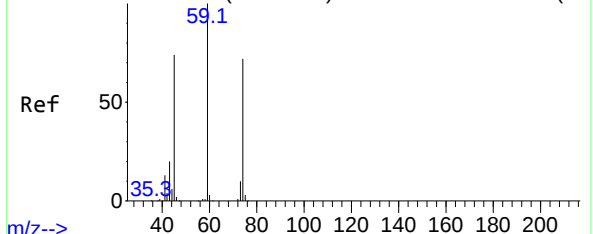
APPROVED

Reviewed By :John Carlone 03/19/2022

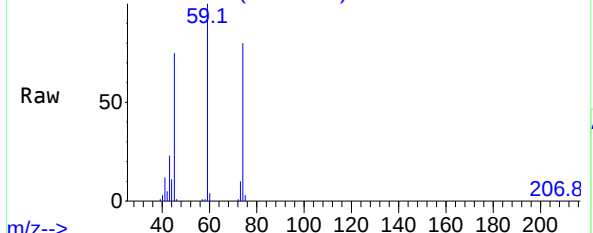
Supervised By :Mahesh Dadoda 03/21/2022



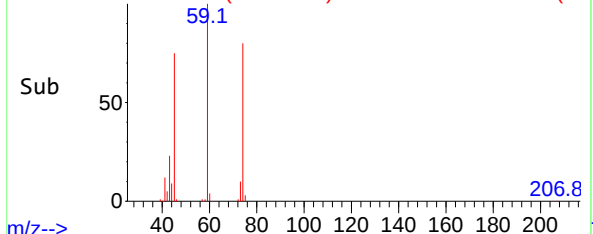
Abundance Scan 313 (3.828 min): VN071177.D\data.ms (-30



Abundance Scan 313 (3.828 min): VN071367.D\data.ms



Abundance Scan 313 (3.828 min): VN071367.D\data.ms (-26



#8

Diethyl Ether

Concen: 18.185 ug/l

RT: 3.828 min Scan# 313

Delta R.T. -0.000 min

Lab File: VN071367.D

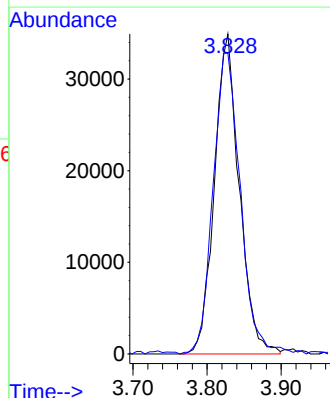
Acq: 18 Mar 2022 13:05

Tgt Ion: 74 Resp: 81410

Ion Ratio Lower Upper

74 100

45 103.4 47.0 141.2





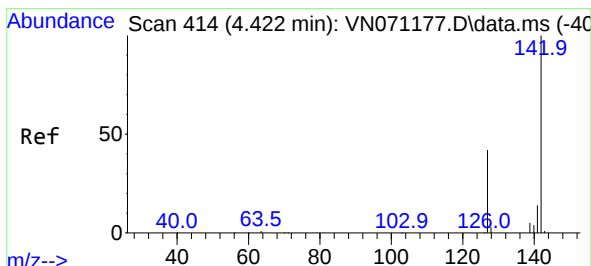
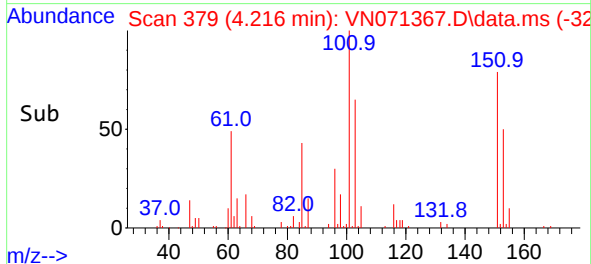
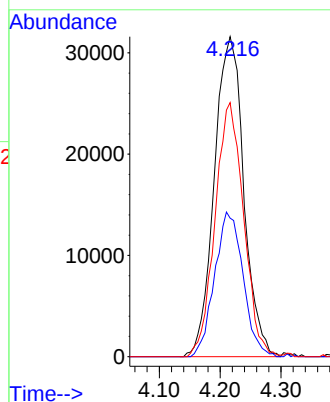
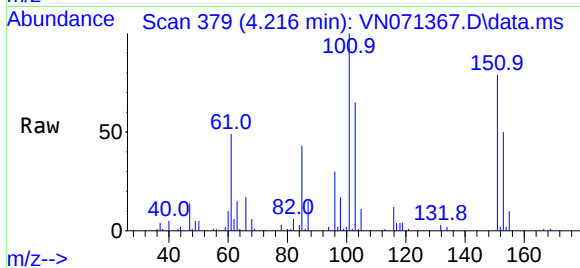
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.560 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion:101 Resp: 10634
Ion Ratio Lower Upper
101 100
85 43.6 37.2 55.8
151 77.0 65.9 98.9

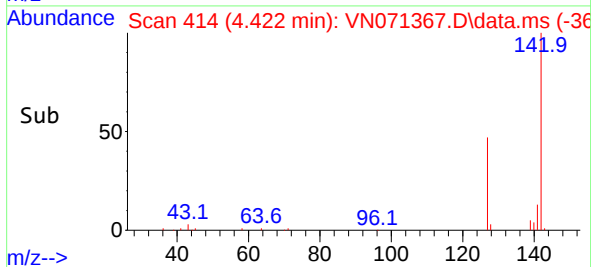
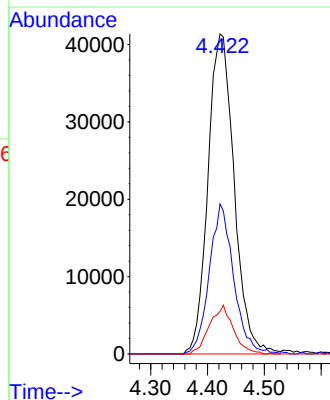
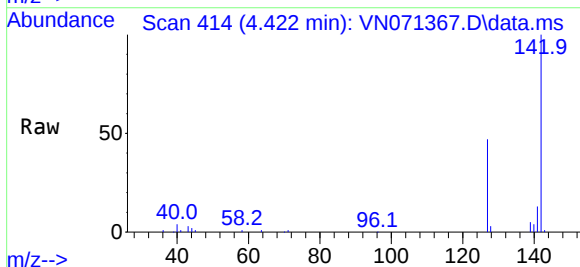
Manual Integrations
APPROVED

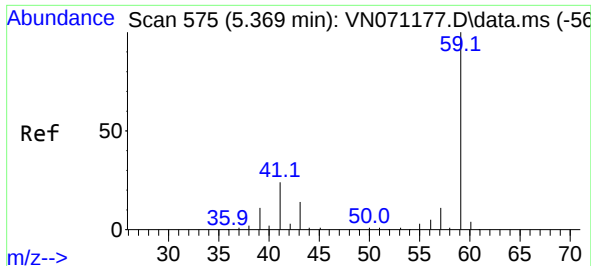
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#10
Methyl Iodide
Concen: 15.476 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

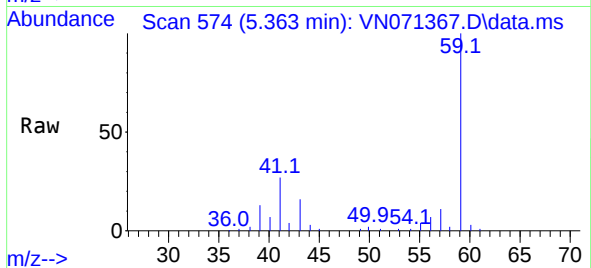
Tgt Ion:142 Resp: 132381
Ion Ratio Lower Upper
142 100
127 43.6 35.4 53.0
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 82.501 ug/l
RT: 5.363 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

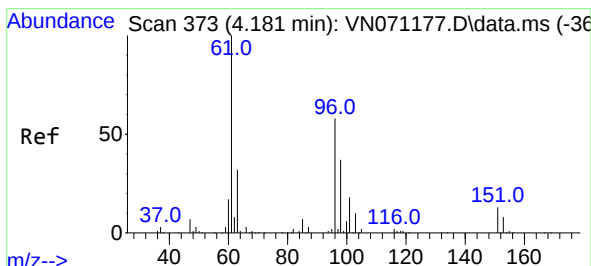
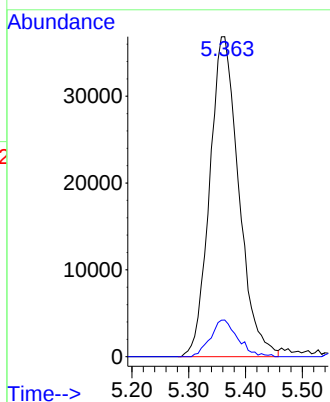
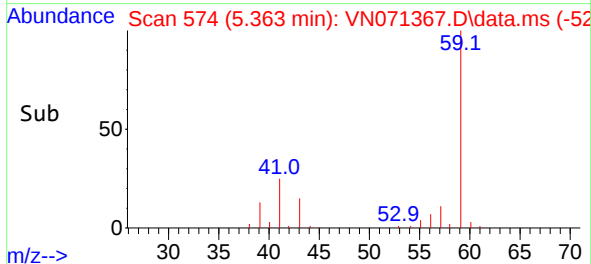
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



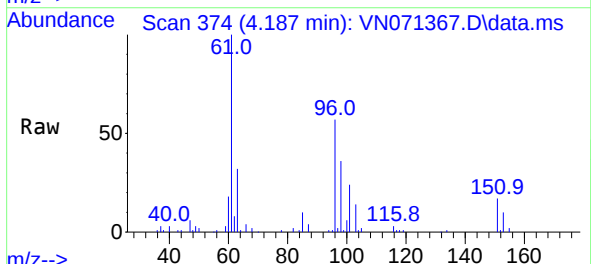
Tgt Ion: 59 Resp: 13144
Ion Ratio Lower Upper
59 100
57 10.8 8.7 13.1

Manual Integrations
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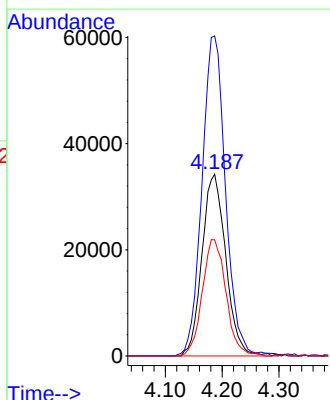
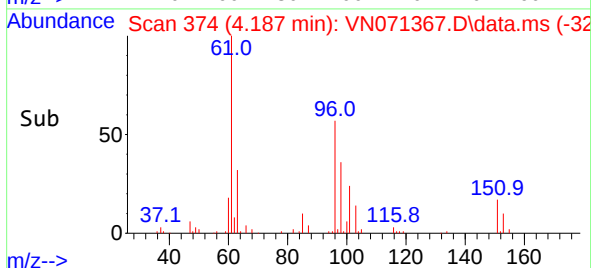
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

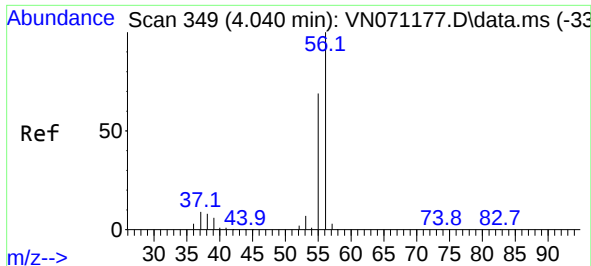


#12
1,1-Dichloroethene
Concen: 16.804 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



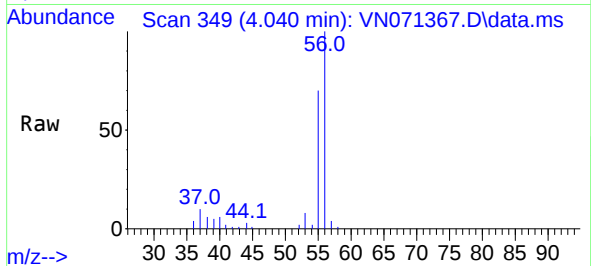
Tgt Ion: 96 Resp: 99694
Ion Ratio Lower Upper
96 100
61 175.2 131.0 196.6
98 63.9 52.4 78.6





#13
Acrolein
Concen: 53.239 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

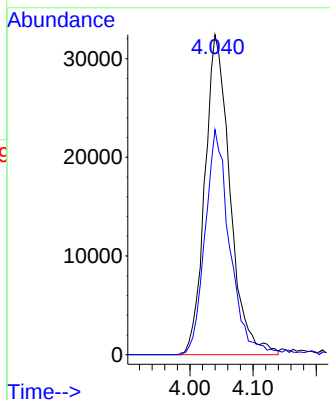
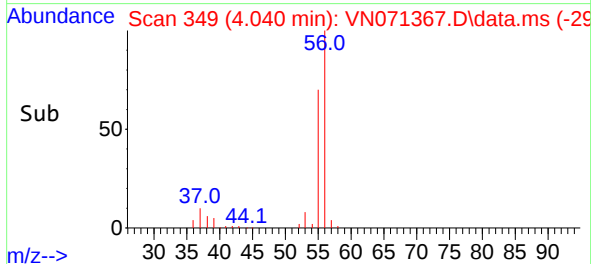
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



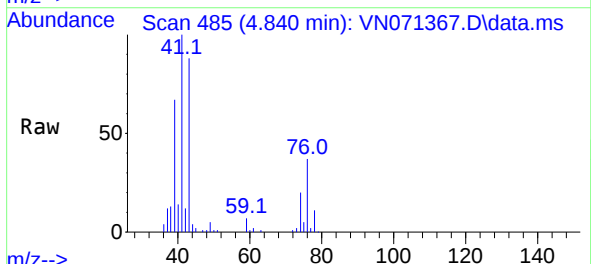
Tgt Ion: 56 Resp: 8978
Ion Ratio Lower Upper
56 100
55 69.1 56.6 85.0

Manual Integrations
APPROVED

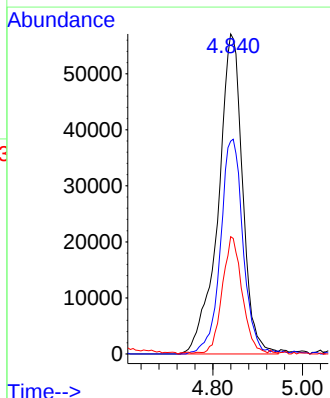
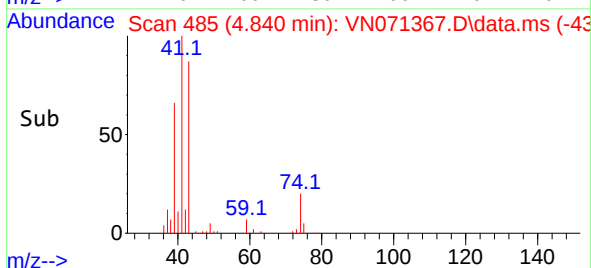
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

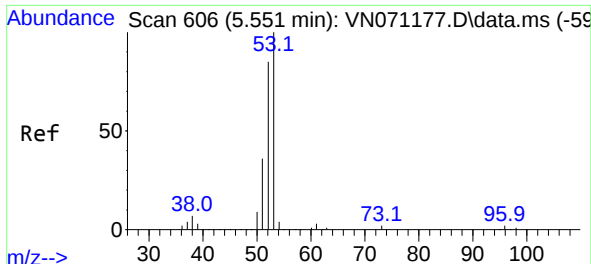


#14
Allyl chloride
Concen: 16.700 ug/l
RT: 4.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



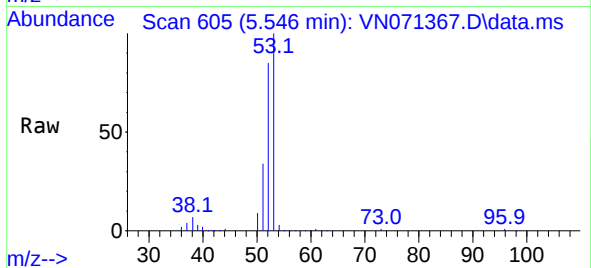
Tgt Ion: 41 Resp: 215486
Ion Ratio Lower Upper
41 100
39 62.5 61.2 91.8
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 87.650 ug/l
RT: 5.546 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

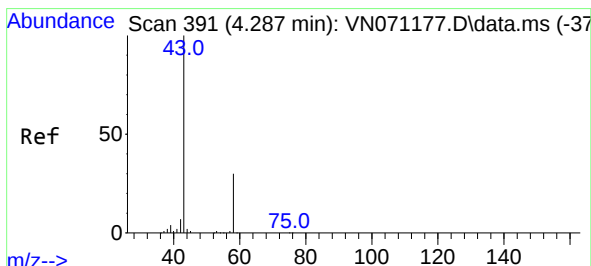
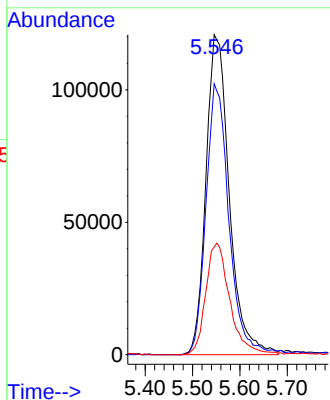
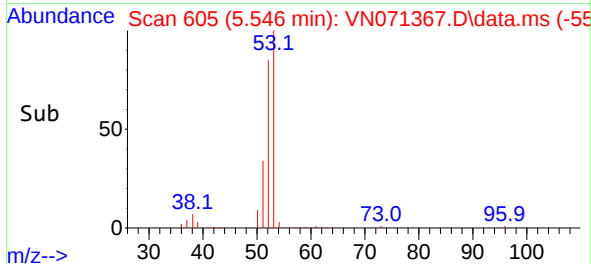
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



Tgt Ion: 53 Resp: 414660
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 36.0 29.6 44.4

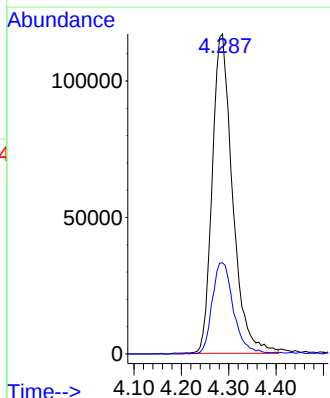
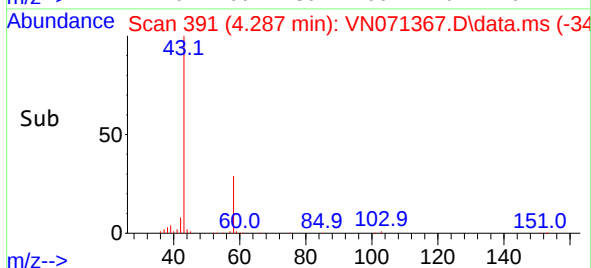
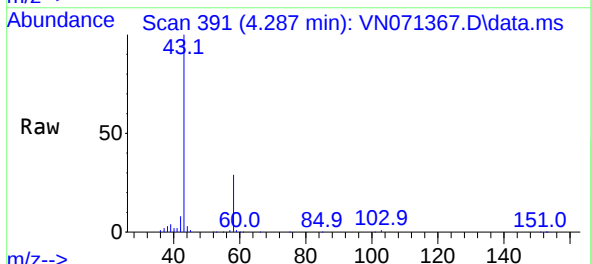
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#16
Acetone
Concen: 88.527 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

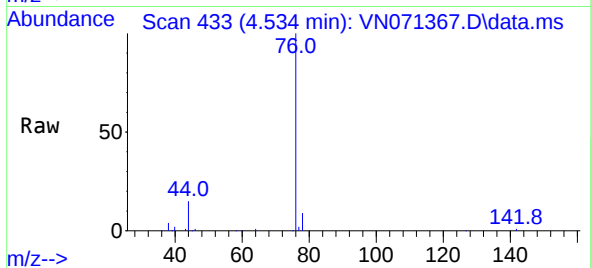
Tgt Ion: 43 Resp: 349354
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7





#17
Carbon Disulfide
Concen: 14.521 ug/l
RT: 4.534 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

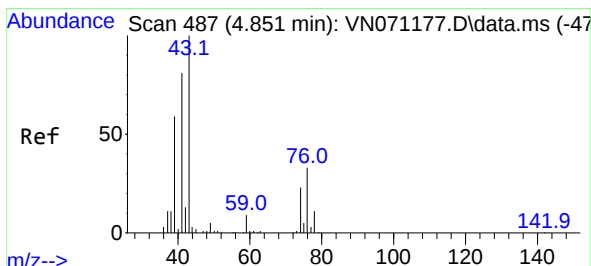
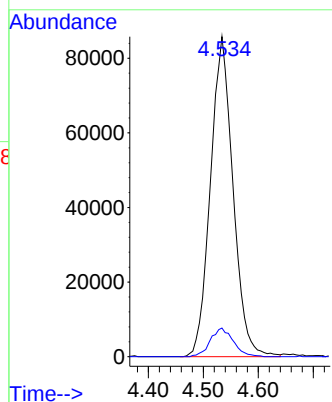
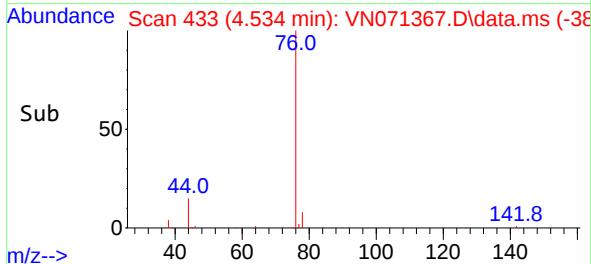
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



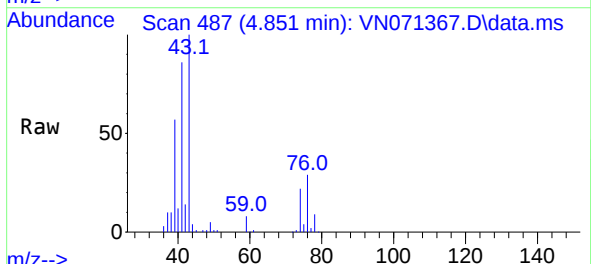
Tgt Ion: 76 Resp: 24526
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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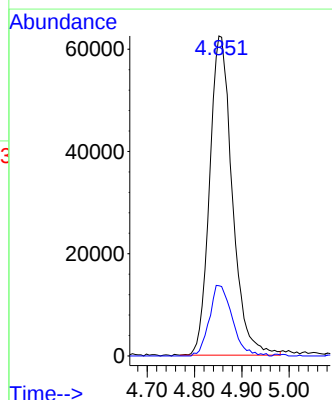
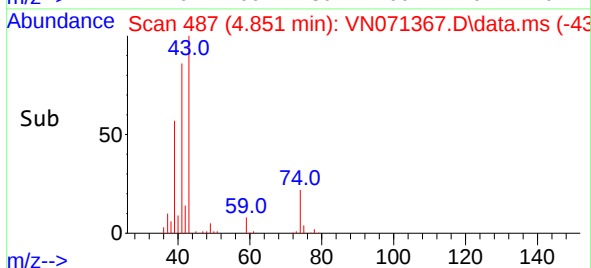
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

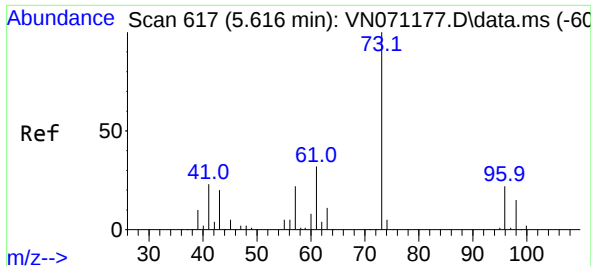


#18
Methyl Acetate
Concen: 19.881 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion: 43 Resp: 207678
Ion Ratio Lower Upper
43 100
74 22.4 19.4 29.2





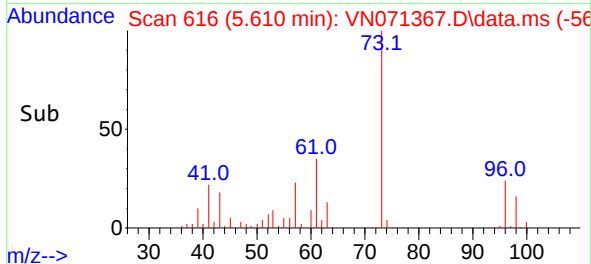
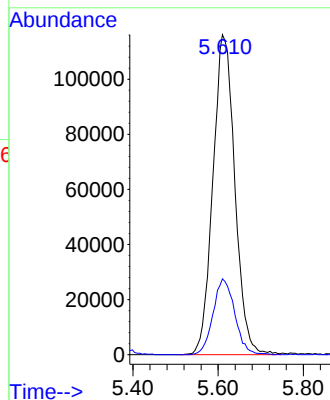
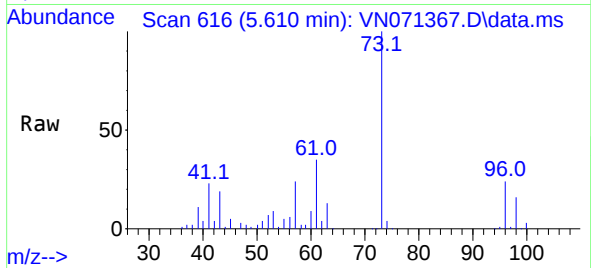
#19
Methyl tert-butyl Ether
Concen: 18.680 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 73 Resp: 41608
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2

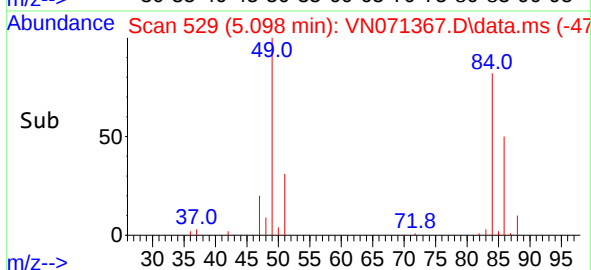
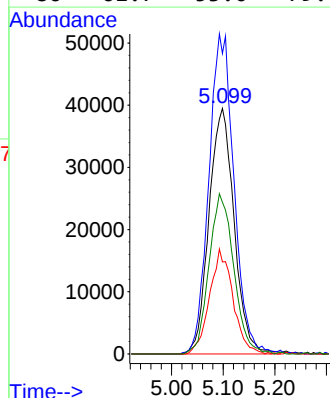
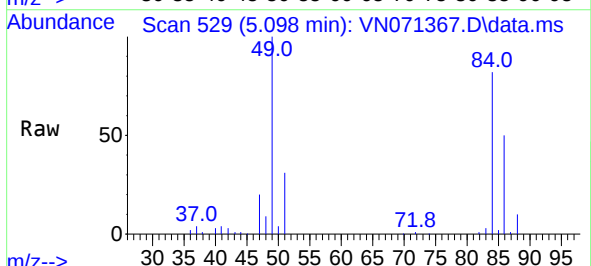
Manual Integrations
APPROVED

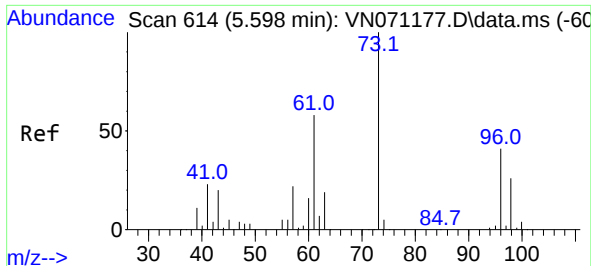
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 18.754 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

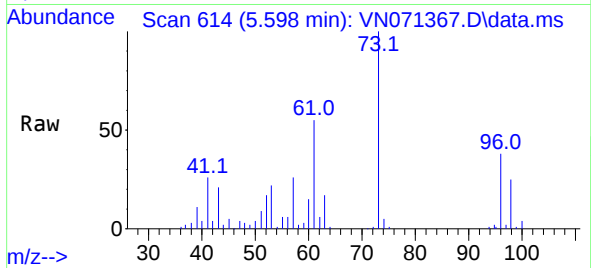
Tgt Ion: 84 Resp: 133531
Ion Ratio Lower Upper
84 100
49 122.4 93.5 140.3
51 37.5 29.4 44.2
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.614 ug/l
RT: 5.598 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

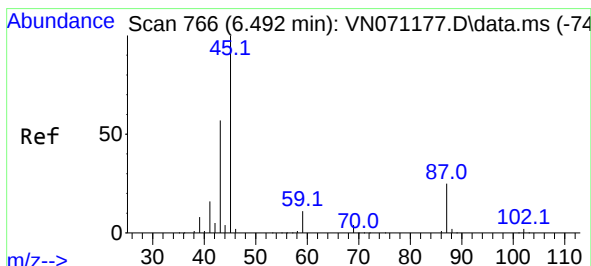
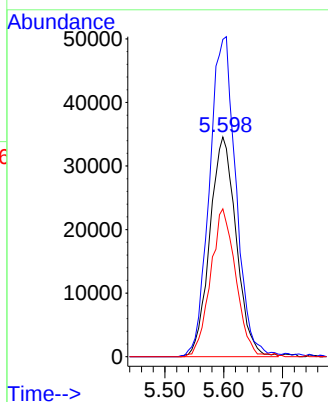
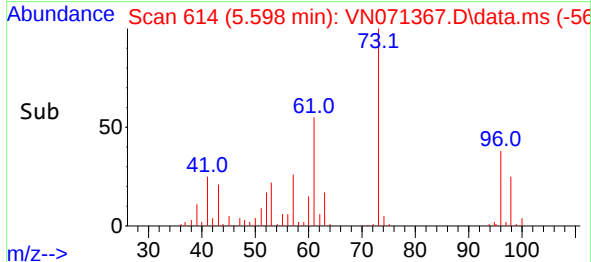
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



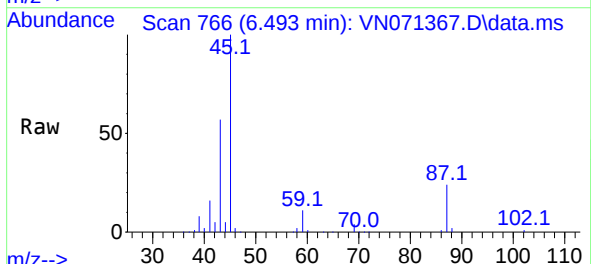
Tgt Ion: 96 Resp: 107814
Ion Ratio Lower Upper
96 100
61 144.4 105.8 158.6
98 67.3 52.0 78.0

Manual Integrations
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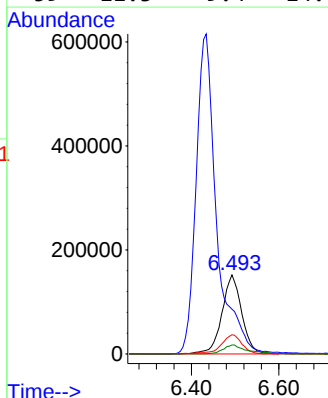
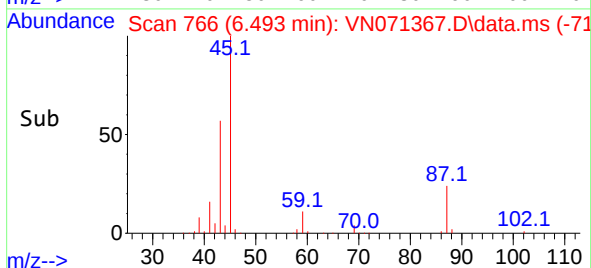
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#22
Diisopropyl ether
Concen: 18.706 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



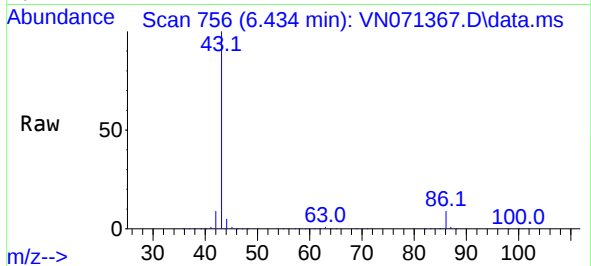
Tgt Ion: 45 Resp: 475525
Ion Ratio Lower Upper
45 100
43 55.5 51.7 77.5
87 24.1 23.2 34.8
59 11.3 9.4 14.0





#23
 Vinyl Acetate
 Concen: 93.618 ug/l
 RT: 6.434 min Scan# 756
 Delta R.T. 0.000 min
 Lab File: VN071367.D
 Acq: 18 Mar 2022 13:05

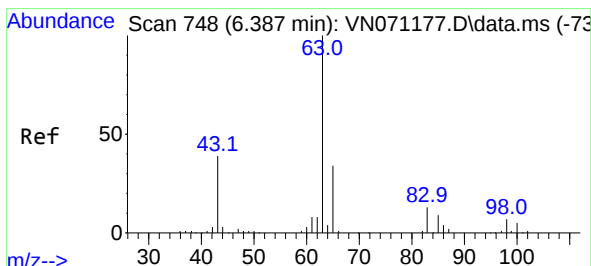
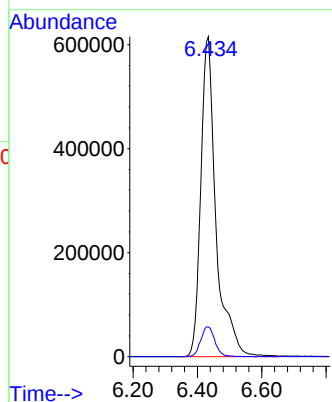
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01



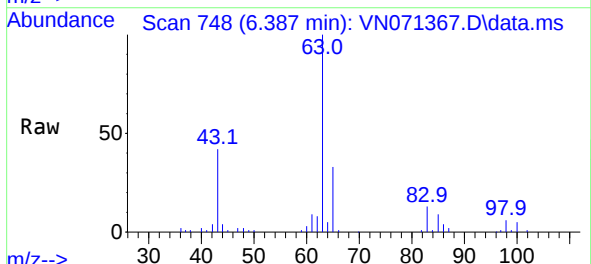
Tgt Ion: 43 Resp: 201477
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.5 12.7

Manual Integrations
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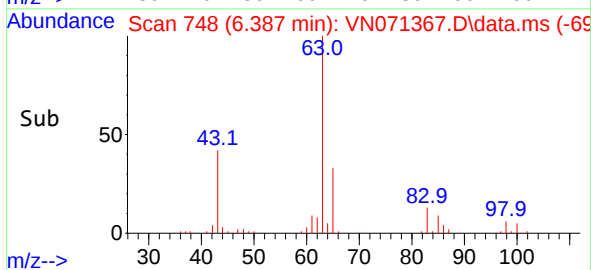
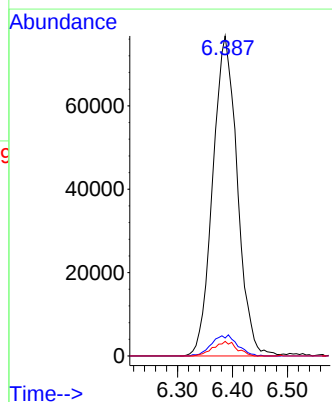
Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

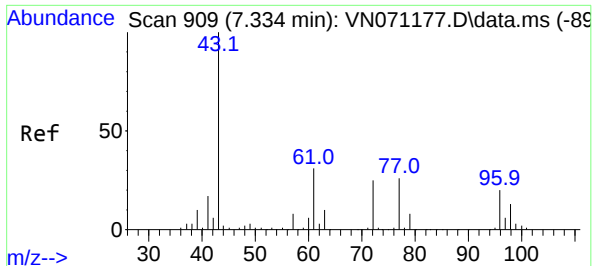


#24
 1,1-Dichloroethane
 Concen: 17.723 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.000 min
 Lab File: VN071367.D
 Acq: 18 Mar 2022 13:05



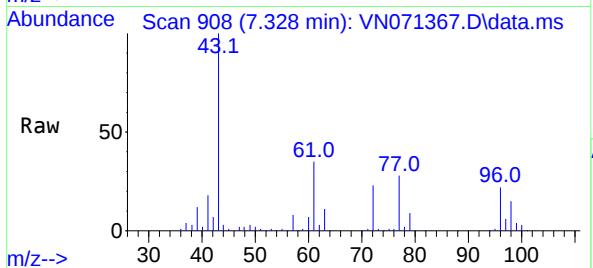
Tgt Ion: 63 Resp: 238070
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 4.6 2.1 6.5





#25
2-Butanone
Concen: 89.919 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

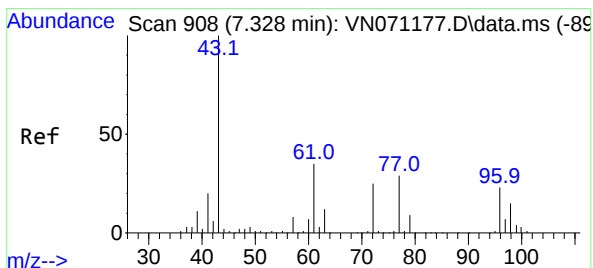
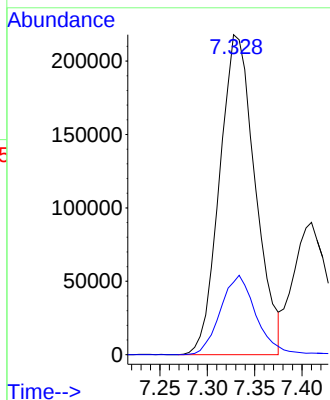
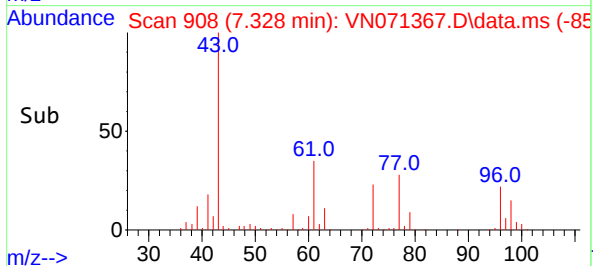
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



Tgt Ion: 43 Resp: 57162
Ion Ratio Lower Upper
43 100
72 22.6 21.7 32.5

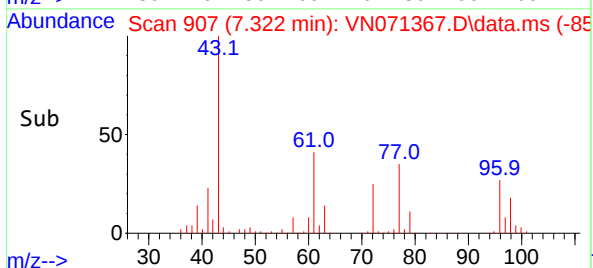
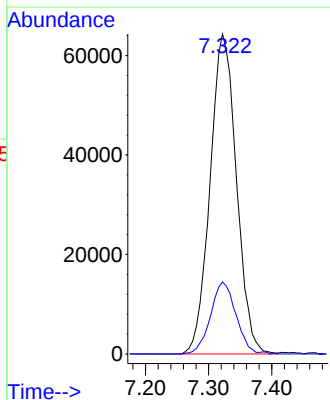
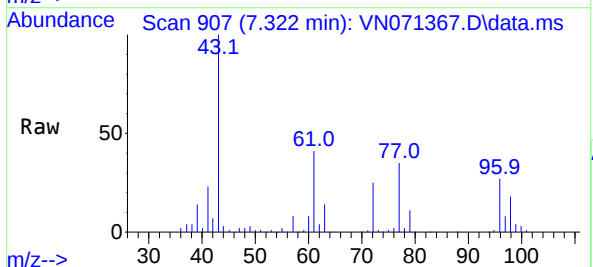
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#26
2,2-Dichloropropane
Concen: 17.983 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion: 77 Resp: 186365
Ion Ratio Lower Upper
77 100
97 21.8 11.6 34.8





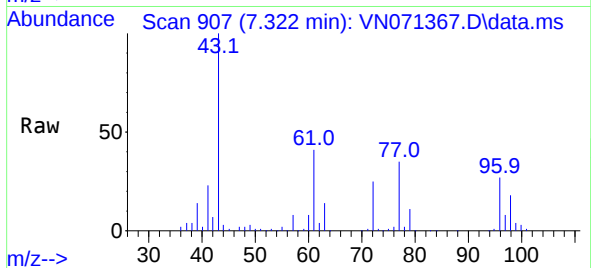
#27
 cis-1,2-Dichloroethene
 Concen: 17.760 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071367.D
 Acq: 18 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

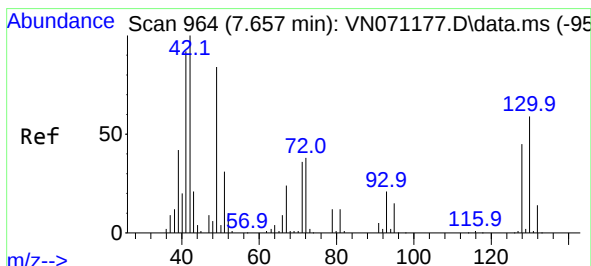
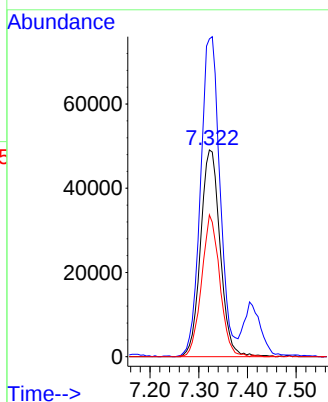
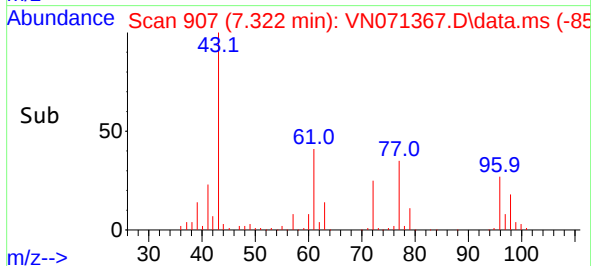


Tgt Ion: 96 Resp: 136780
 Ion Ratio Lower Upper
 96 100
 61 154.2 0.0 275.0
 98 63.8 0.0 129.6

Manual Integrations

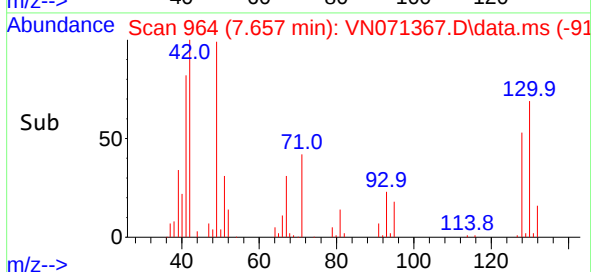
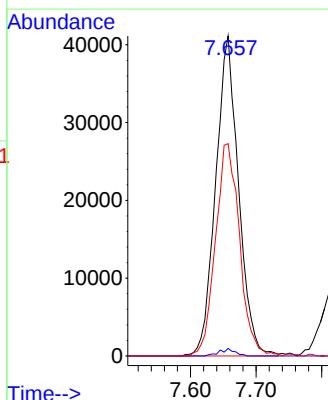
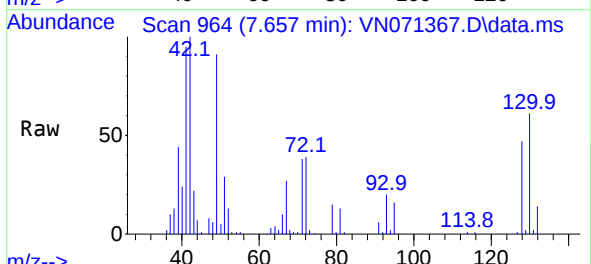
APPROVED

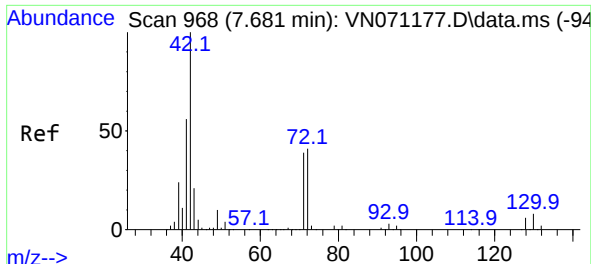
Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#28
 Bromochloromethane
 Concen: 16.640 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN071367.D
 Acq: 18 Mar 2022 13:05

Tgt Ion: 49 Resp: 99542
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.0
 130 69.8 67.8 101.8





#29

Tetrahydrofuran

Concen: 88.457 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071367.D

Acq: 18 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

VN0318WBSD01

Tgt Ion: 42 Resp: 38956

Ion Ratio Lower Upper

42 100

72 40.6 36.3 54.5

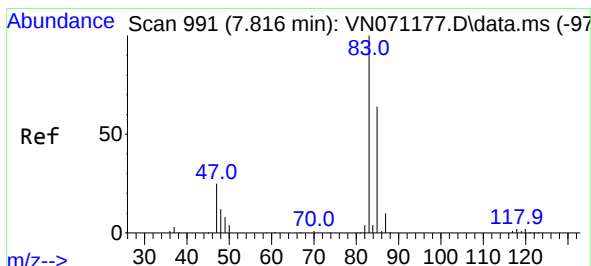
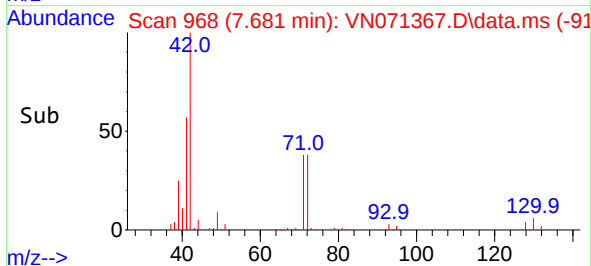
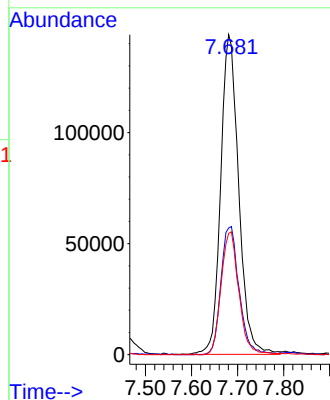
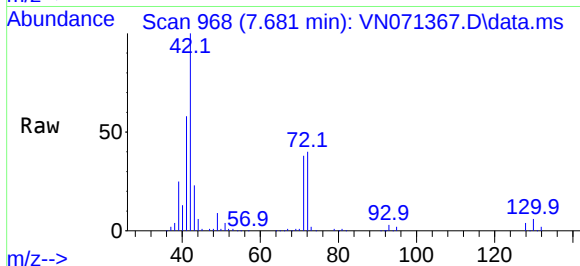
71 37.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#30

Chloroform

Concen: 18.273 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071367.D

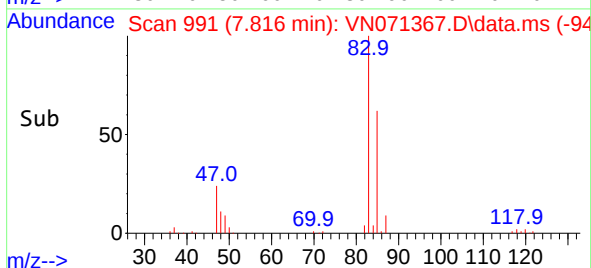
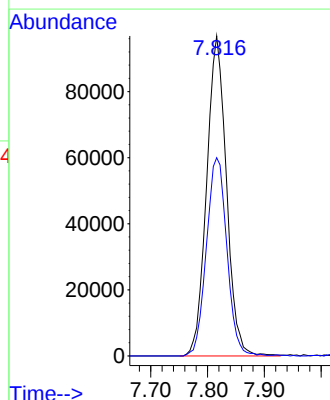
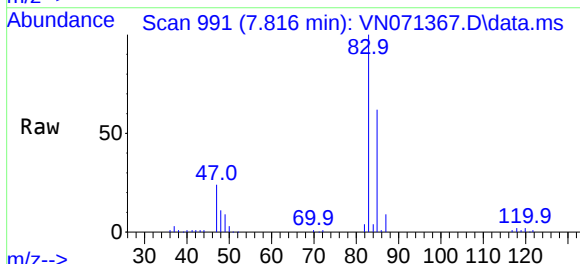
Acq: 18 Mar 2022 13:05

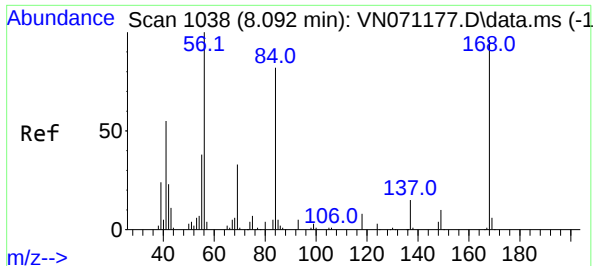
Tgt Ion: 83 Resp: 234118

Ion Ratio Lower Upper

83 100

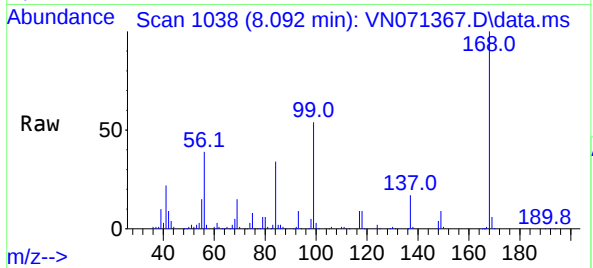
85 62.0 51.9 77.9





#31
Cyclohexane
Concen: 16.873 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

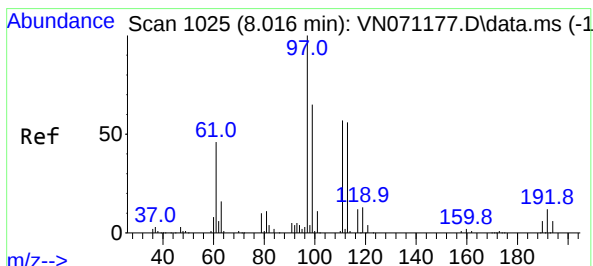
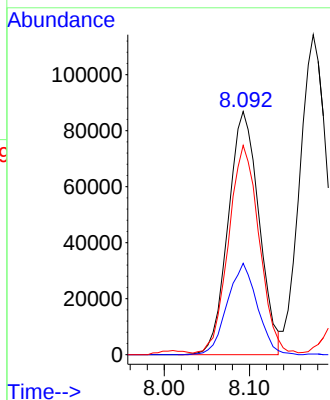
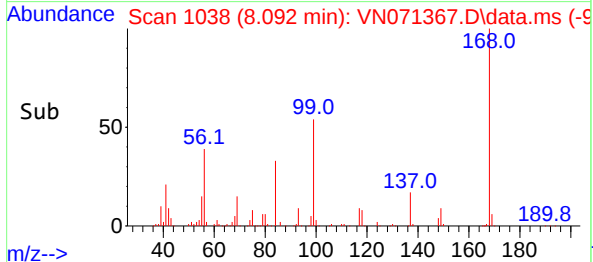
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



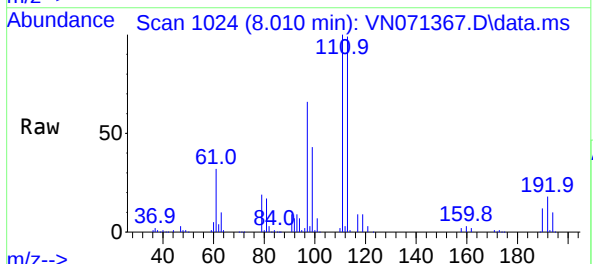
Tgt Ion: 56 Resp: 21853
Ion Ratio Lower Upper
56 100
69 37.6 27.1 40.7
84 84.7 73.4 110.0

Manual Integrations
APPROVED

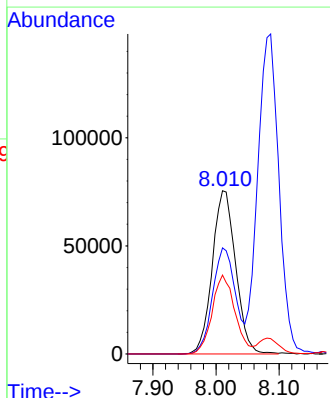
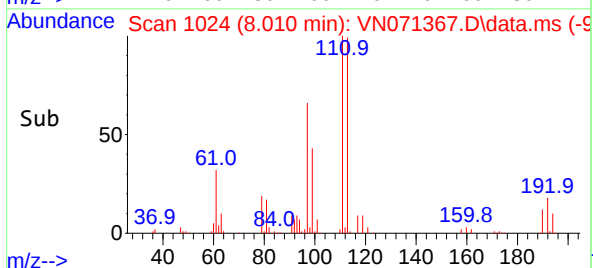
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

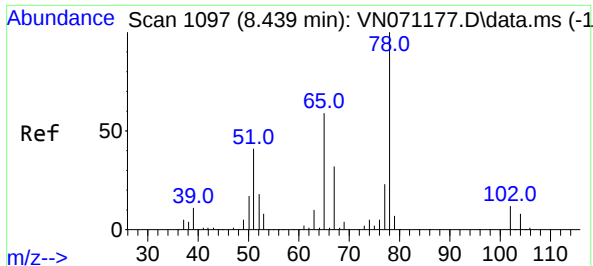


#32
1,1,1-Trichloroethane
Concen: 17.794 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion: 97 Resp: 194196
Ion Ratio Lower Upper
97 100
99 64.2 50.1 75.1
61 47.1 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 53.048 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

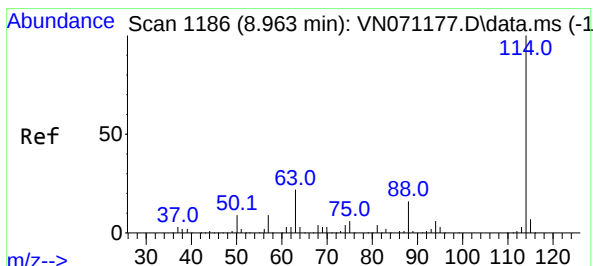
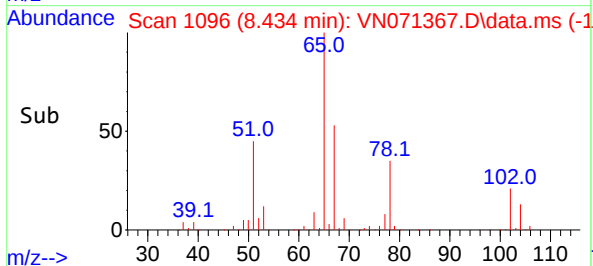
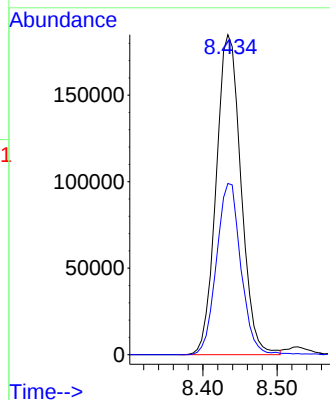
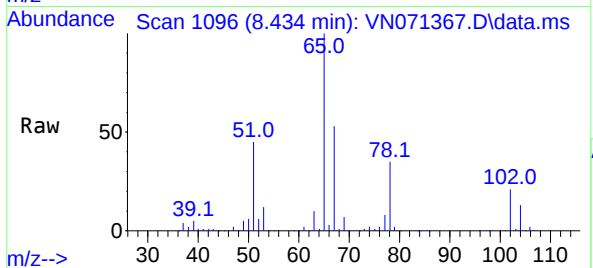
VN0318WBSD01

Tgt Ion: 65 Resp: 430245
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

Manual Integrations

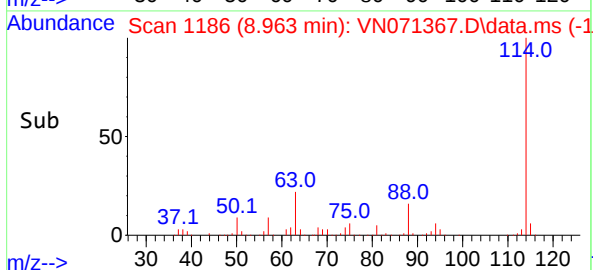
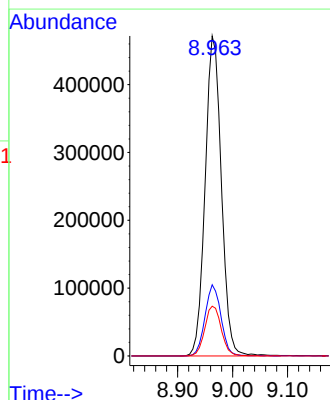
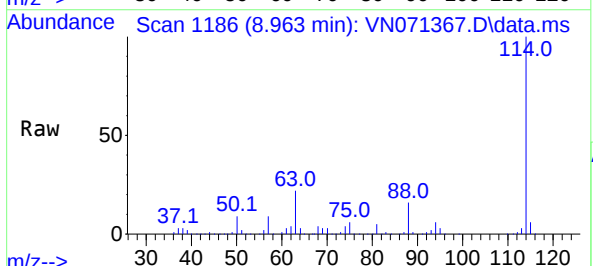
APPROVED

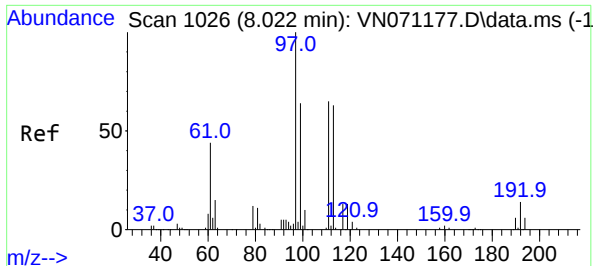
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

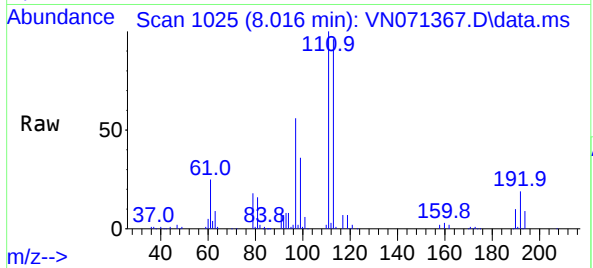
Tgt Ion:114 Resp: 968267
Ion Ratio Lower Upper
114 100
63 22.2 0.0 37.8
88 15.6 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.216 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

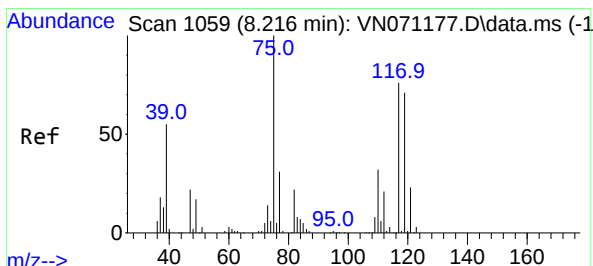
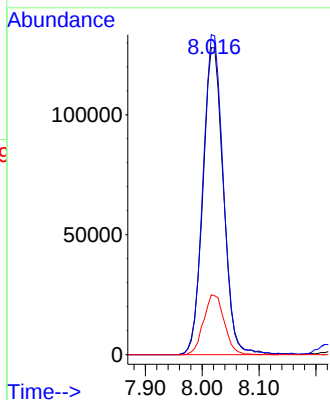
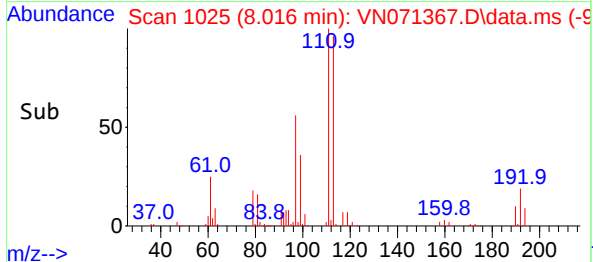
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



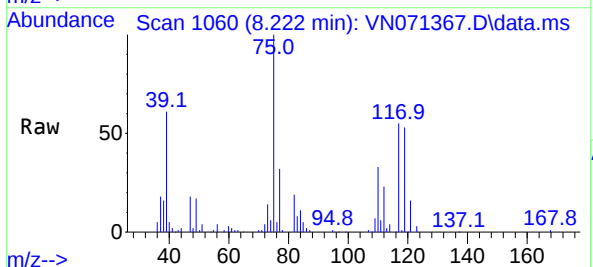
Tgt Ion: 113 Resp: 319040
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 19.8 16.9 25.3

Manual Integrations
APPROVED

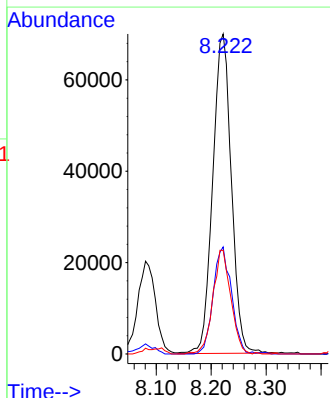
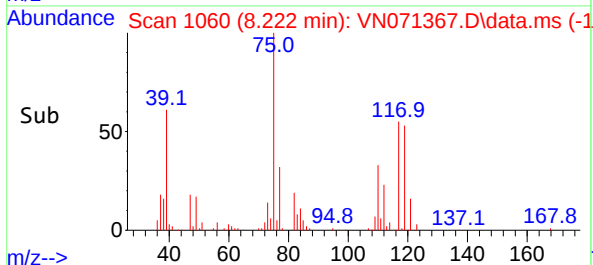
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

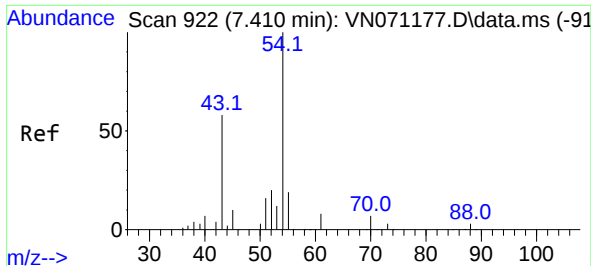


#36
1,1-Dichloropropene
Concen: 16.812 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



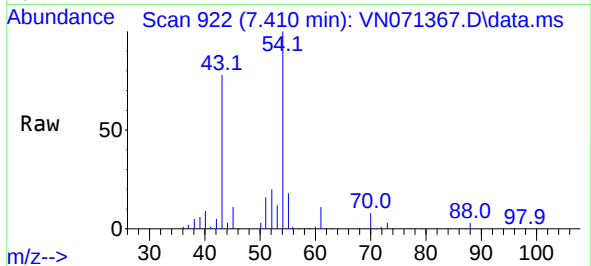
Tgt Ion: 75 Resp: 164587
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 17.885 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

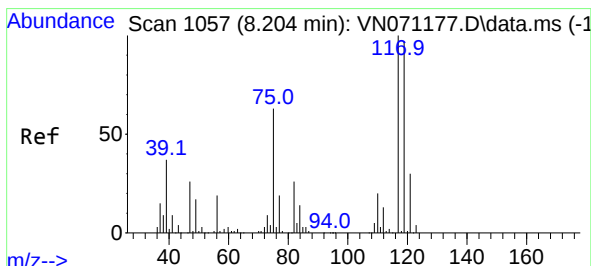
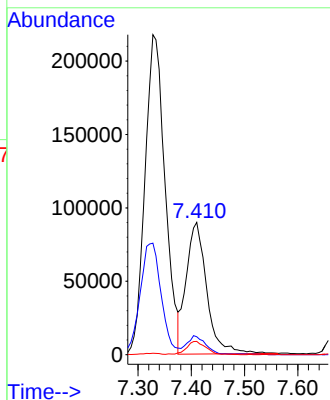
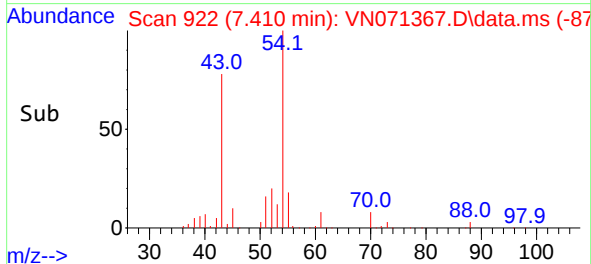
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



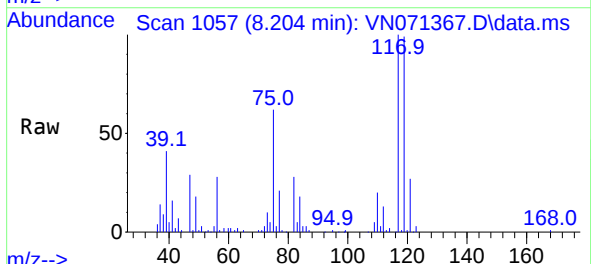
Tgt Ion: 43 Resp: 240960
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 9.6 7.9 11.9

Manual Integrations
APPROVED

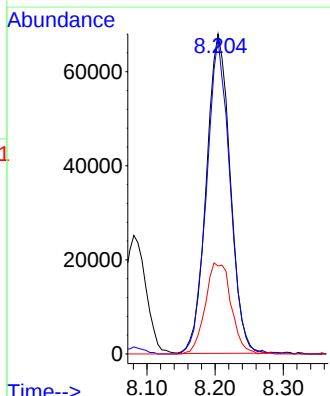
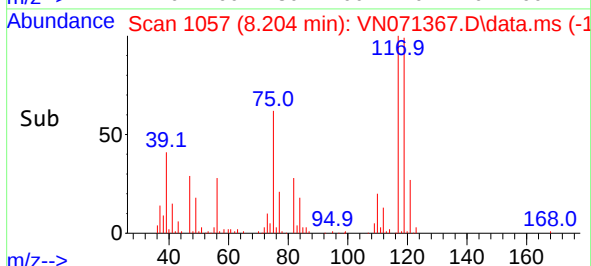
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

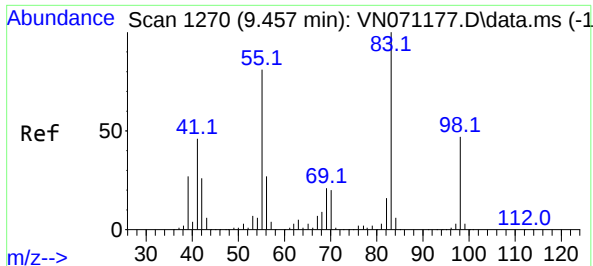


#38
Carbon Tetrachloride
Concen: 17.415 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion:117 Resp: 164902
Ion Ratio Lower Upper
117 100
119 98.8 76.1 114.1
121 27.6 24.2 36.2





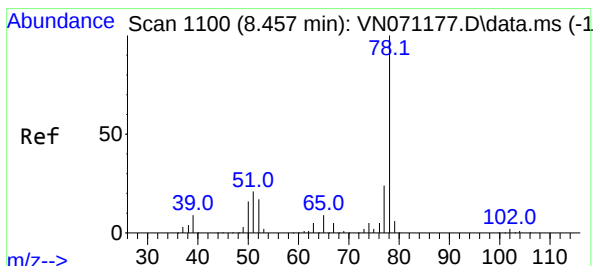
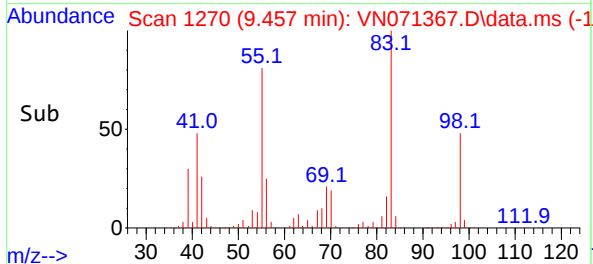
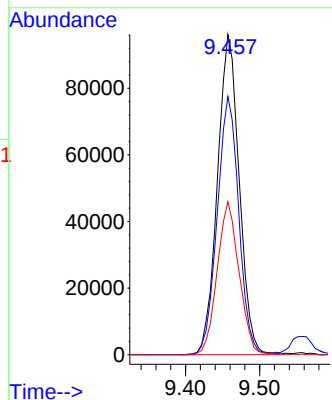
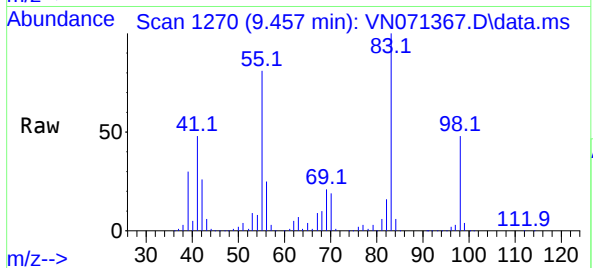
#39
Methylcyclohexane
Concen: 17.045 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 83 Resp: 196297
Ion Ratio Lower Upper
83 100
55 80.7 58.1 87.1
98 47.8 38.4 57.6

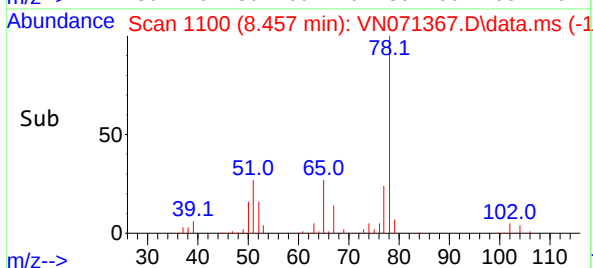
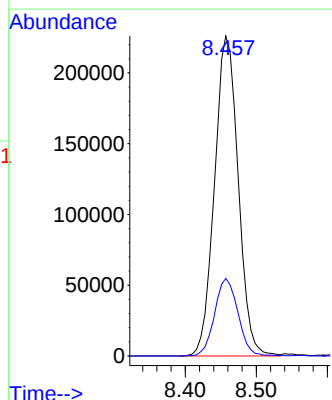
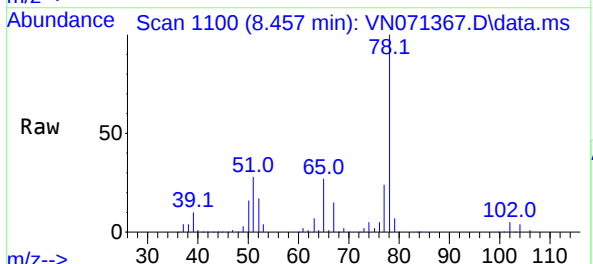
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#40
Benzene
Concen: 17.716 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

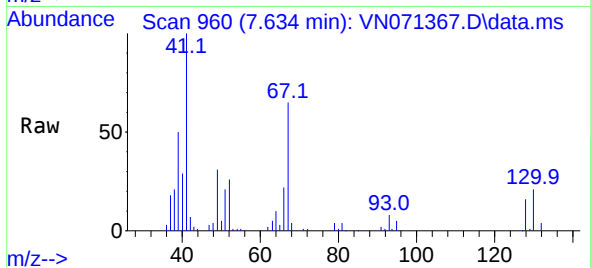
Tgt Ion: 78 Resp: 522538
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8





#41
Methacrylonitrile
Concen: 18.525 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

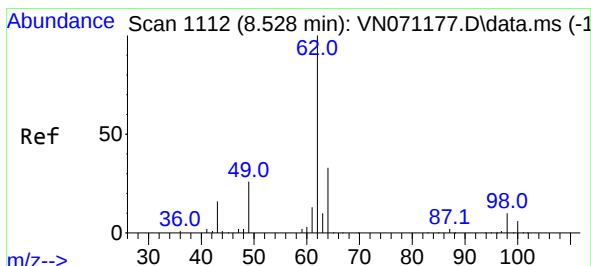
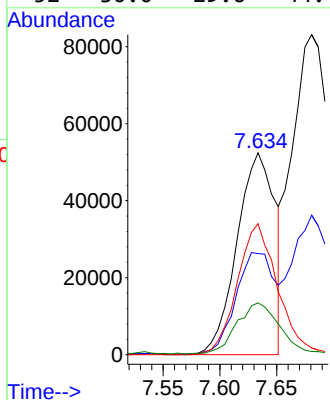
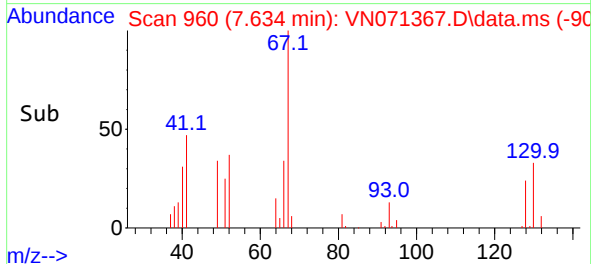
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



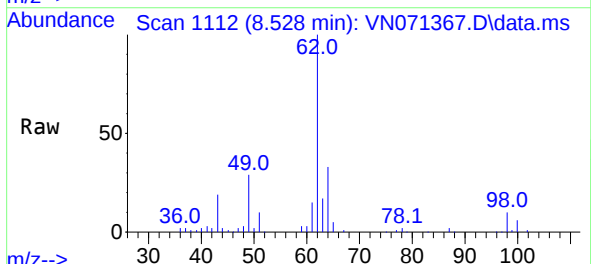
Tgt Ion: 41 Resp: 12214
Ion Ratio Lower Upper
41 100
39 51.7 48.1 72.1
67 69.5 68.3 102.5
52 30.0 29.6 44.4

Manual Integrations
APPROVED

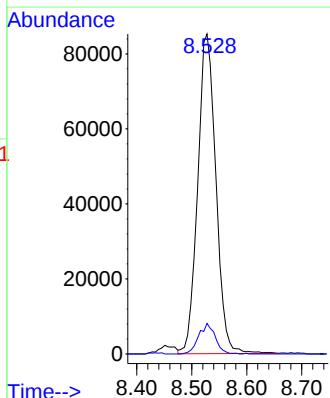
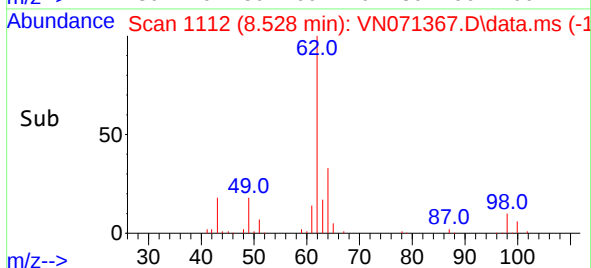
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

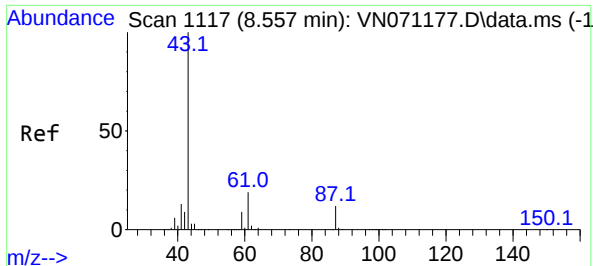


#42
1,2-Dichloroethane
Concen: 19.058 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



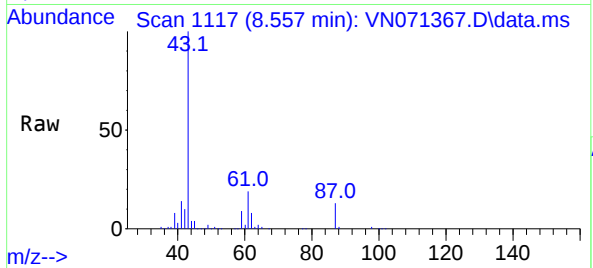
Tgt Ion: 62 Resp: 195610
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.079 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

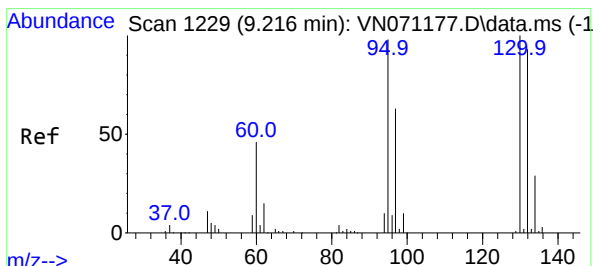
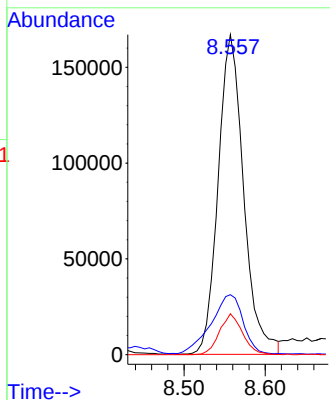
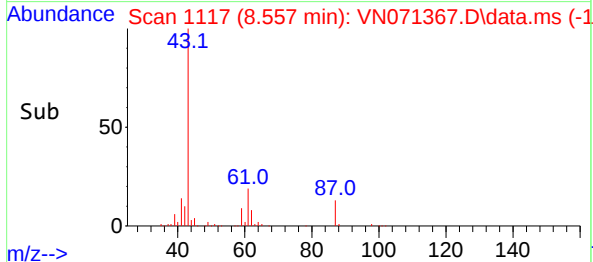
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



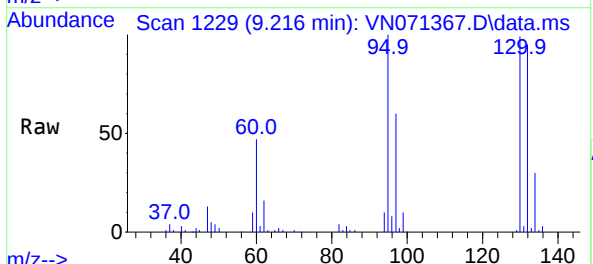
Tgt Ion: 43 Resp: 36425
Ion Ratio Lower Upper
43 100
61 23.5 20.4 30.6
87 11.6 11.2 16.8

Manual Integrations
APPROVED

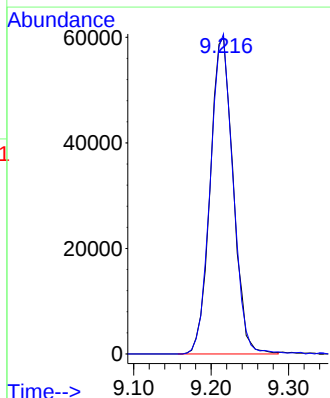
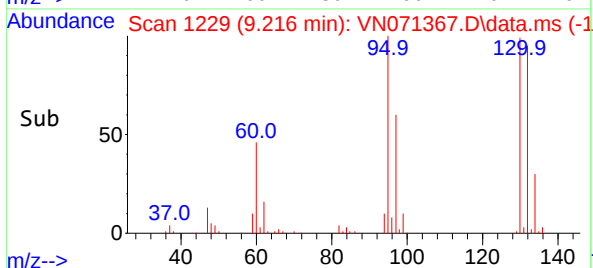
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

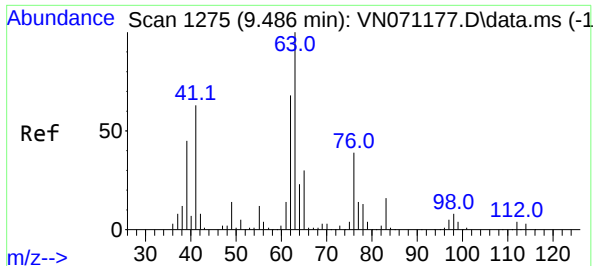


#44
Trichloroethene
Concen: 17.674 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



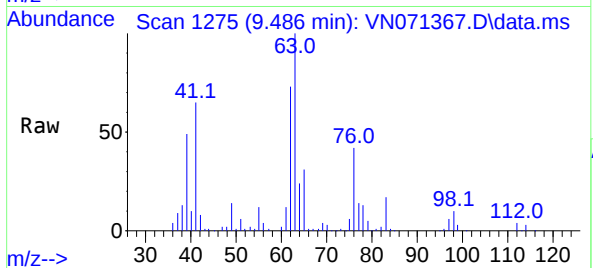
Tgt Ion:130 Resp: 123002
Ion Ratio Lower Upper
130 100
95 101.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 17.956 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

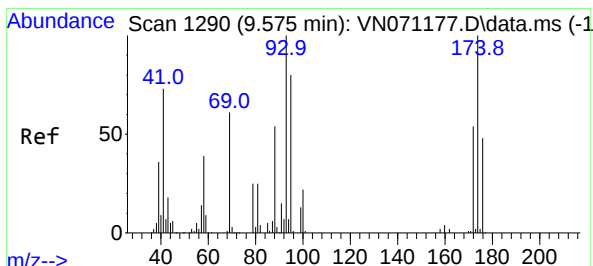
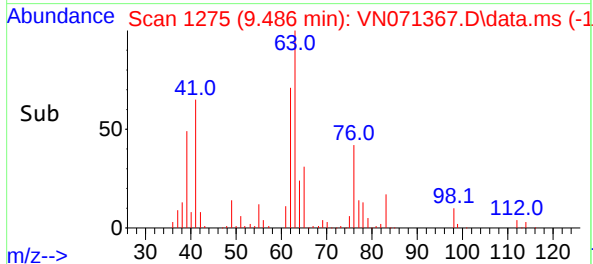
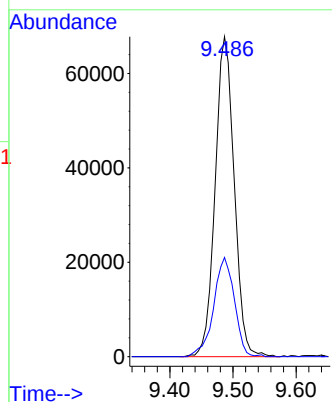
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



Tgt Ion: 63 Resp: 142170
Ion Ratio Lower Upper
63 100
65 31.0 24.7 37.1

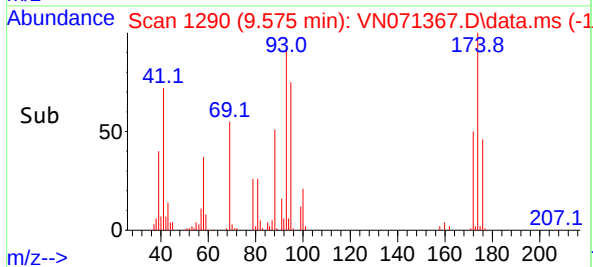
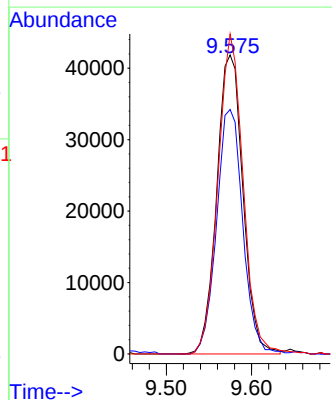
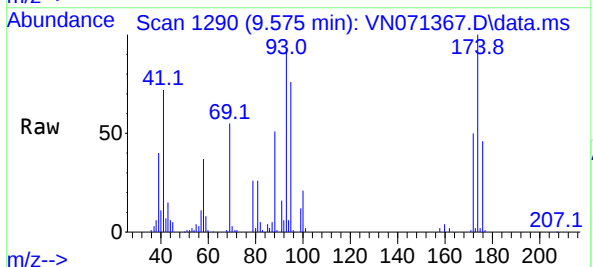
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#46
Dibromomethane
Concen: 18.354 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

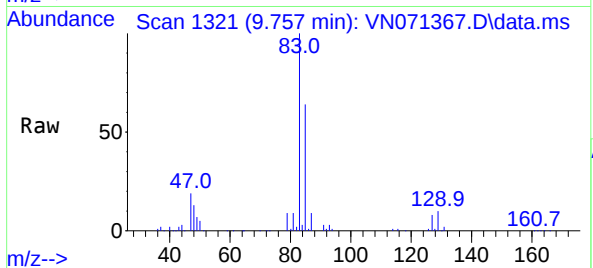
Tgt Ion: 93 Resp: 89447
Ion Ratio Lower Upper
93 100
95 81.7 65.9 98.9
174 102.8 84.6 127.0





#47
Bromodichloromethane
Concen: 18.792 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

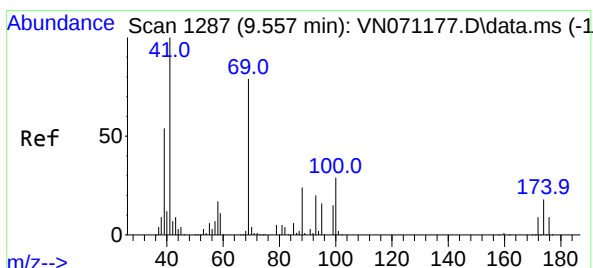
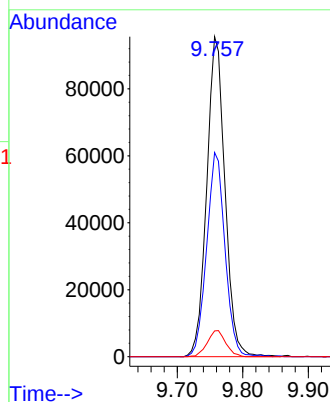
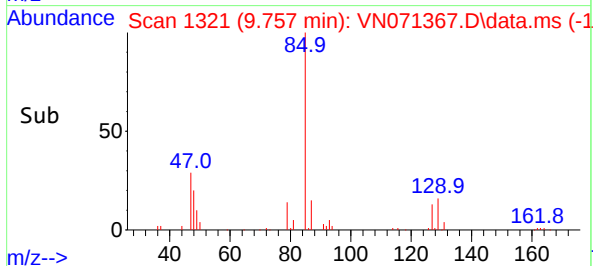
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



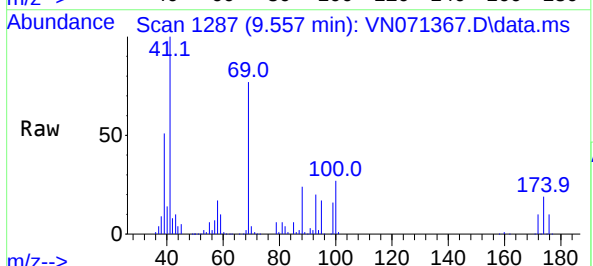
Tgt Ion: 83 Resp: 18508
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
APPROVED

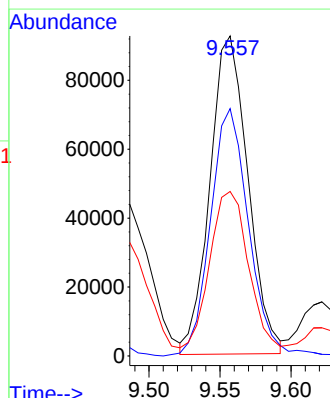
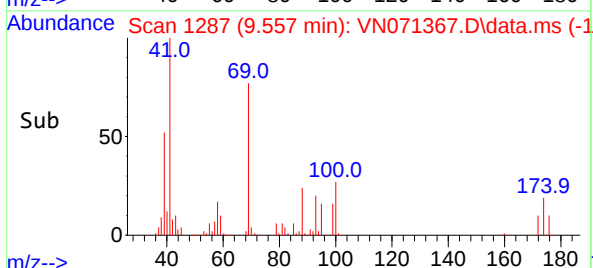
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

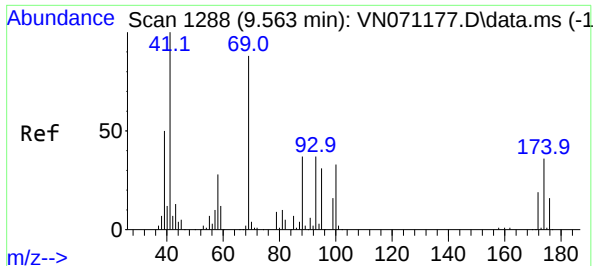


#48
Methyl methacrylate
Concen: 18.410 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



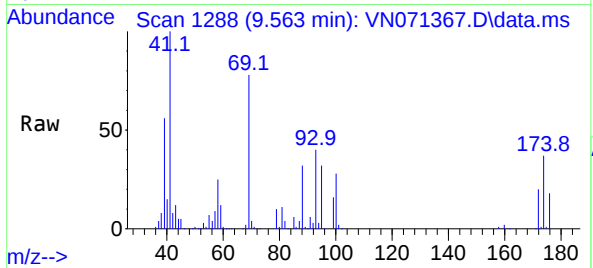
Tgt Ion: 41 Resp: 171896
Ion Ratio Lower Upper
41 100
69 78.4 72.4 108.6
39 54.1 58.4 87.6#





#49
1,4-Dioxane
Concen: 347.436 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

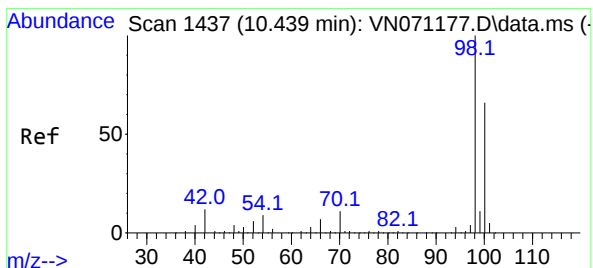
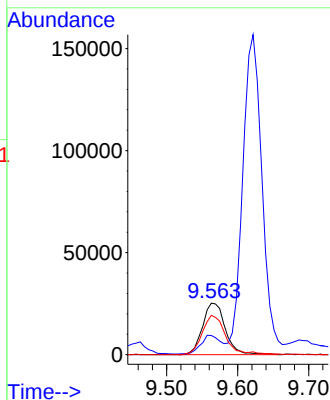
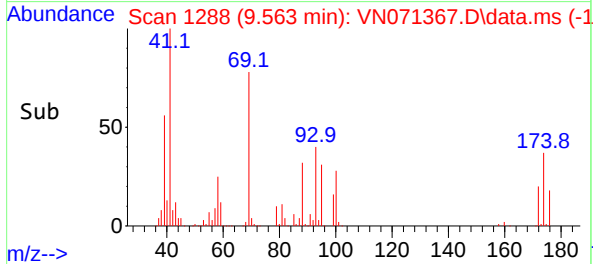
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



Tgt Ion: 88 Resp: 5638
Ion Ratio Lower Upper
88 100
43 31.0 23.4 35.2
58 79.5 50.6 75.8

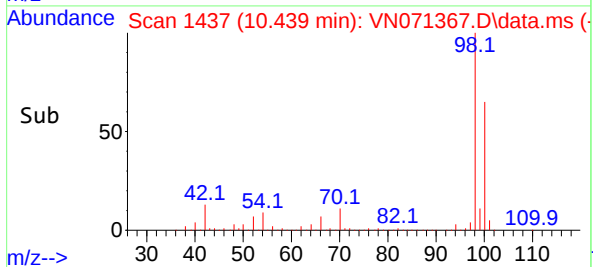
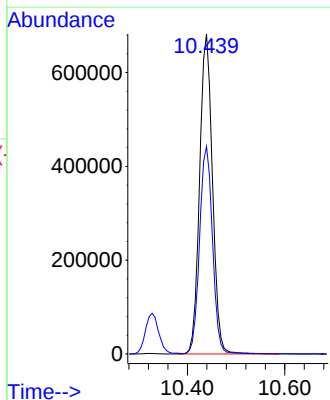
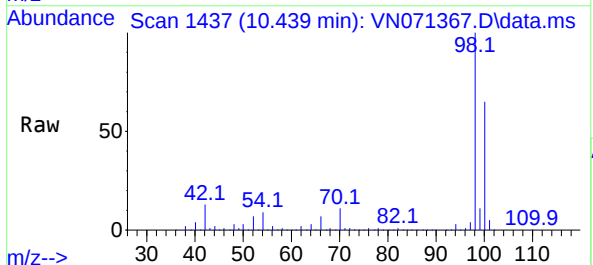
Manual Integrations
APPROVED

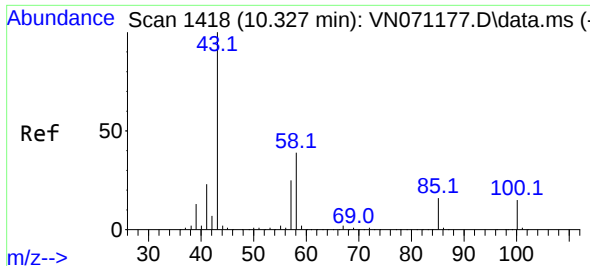
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#50
Toluene-d8
Concen: 50.742 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion: 98 Resp: 1248313
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6





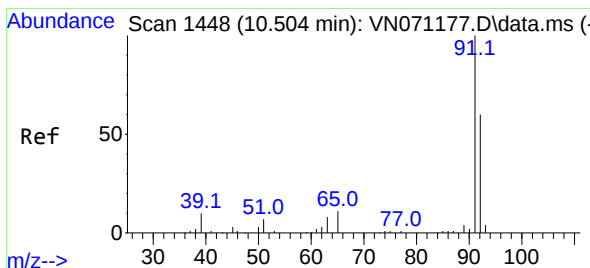
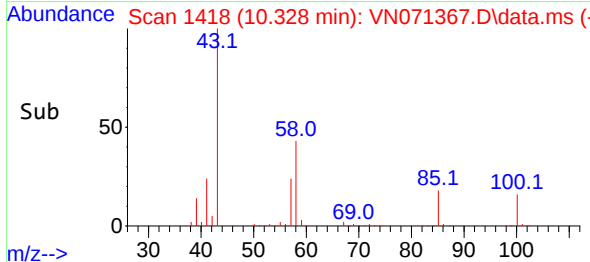
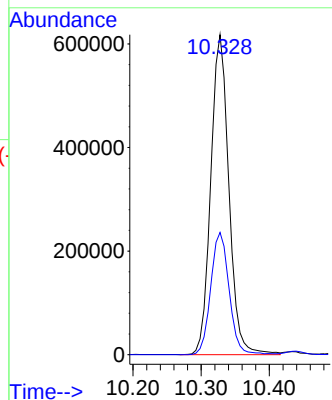
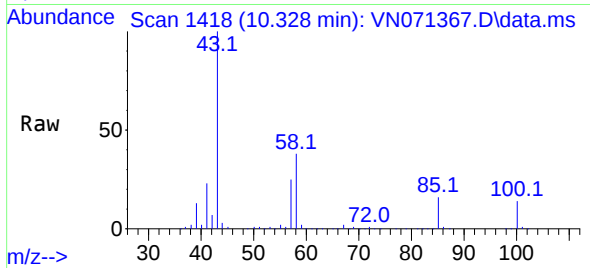
#51
4-Methyl-2-Pentanone
Concen: 91.392 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 43 Resp: 114274
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

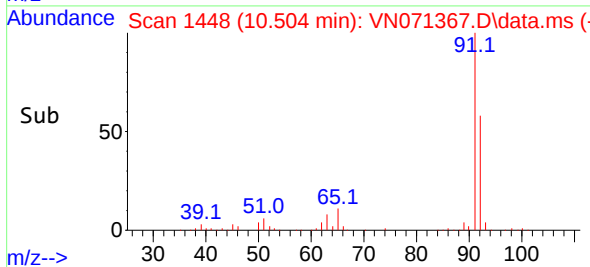
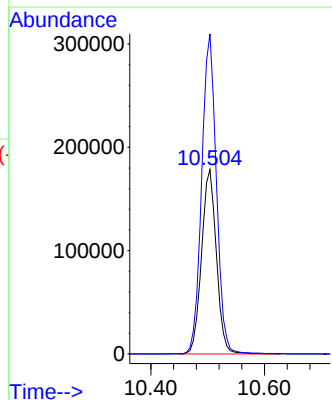
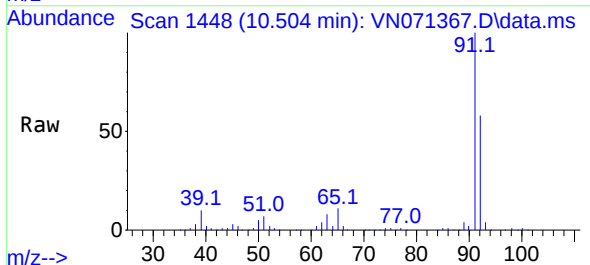
Manual Integrations
APPROVED

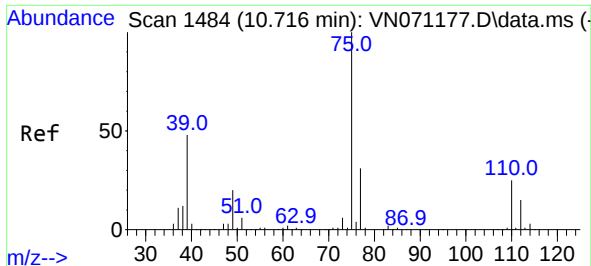
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#52
Toluene
Concen: 17.784 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

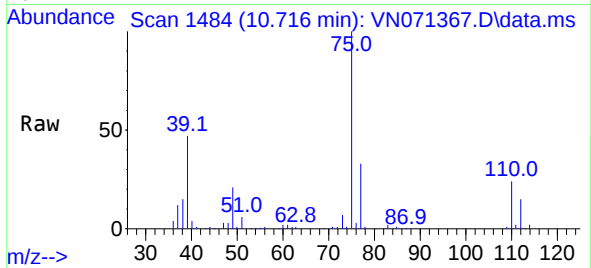
Tgt Ion: 92 Resp: 323005
Ion Ratio Lower Upper
92 100
91 172.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.196 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

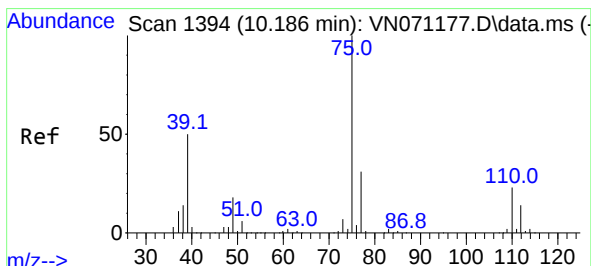
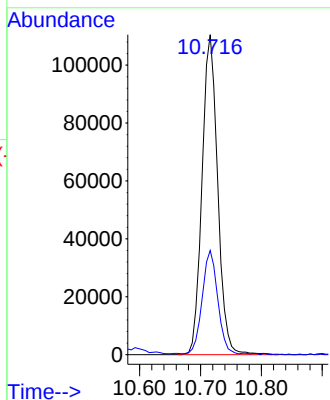
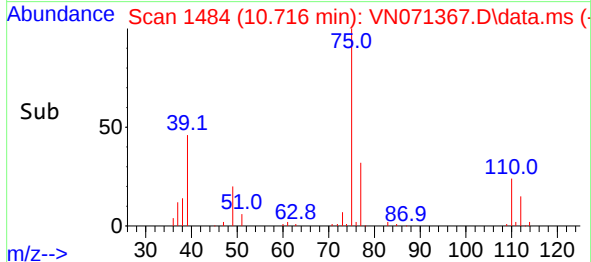
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



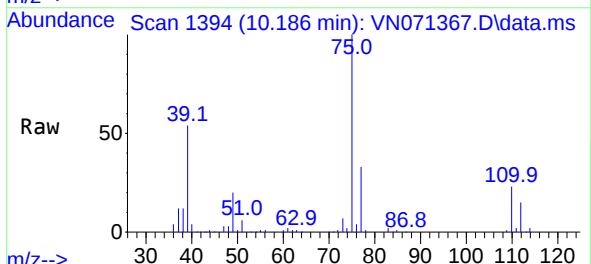
Tgt Ion: 75 Resp: 19754
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4

Manual Integrations
APPROVED

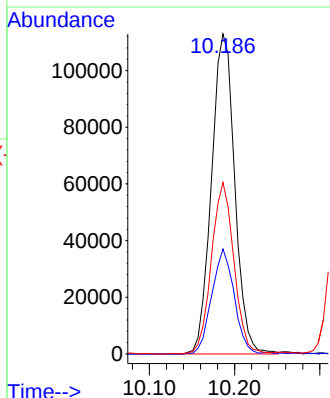
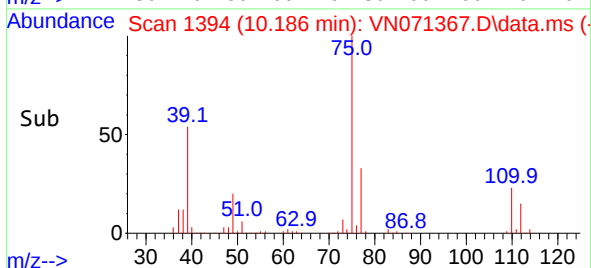
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

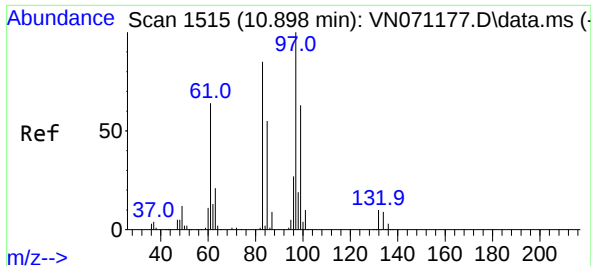


#54
cis-1,3-Dichloropropene
Concen: 18.063 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



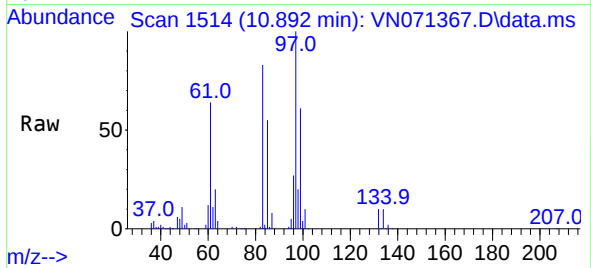
Tgt Ion: 75 Resp: 214265
Ion Ratio Lower Upper
75 100
77 32.8 26.4 39.6
39 53.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.270 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

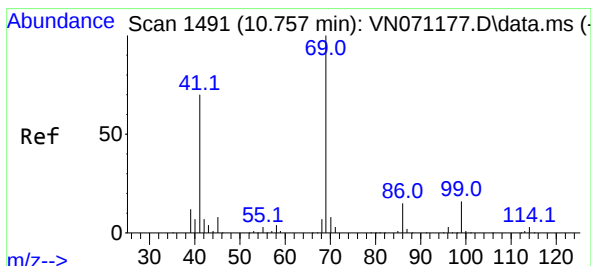
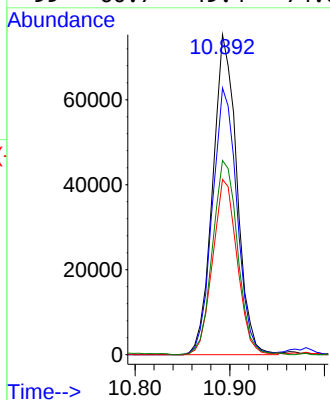
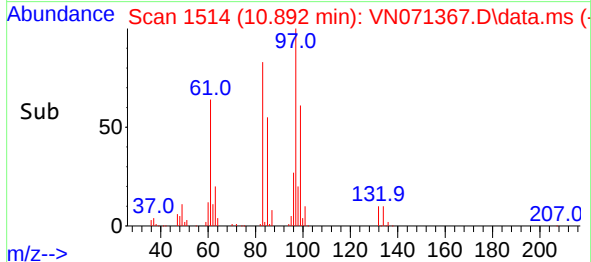


Tgt Ion: 97 Resp: 13297

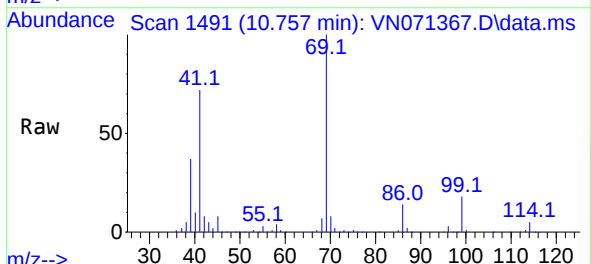
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.8	101.6
85	54.7	45.4	68.2
99	60.7	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

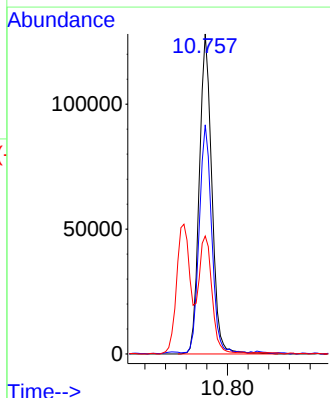
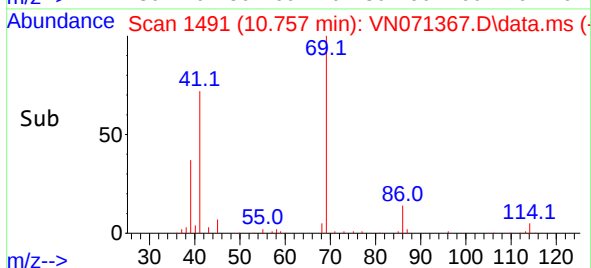


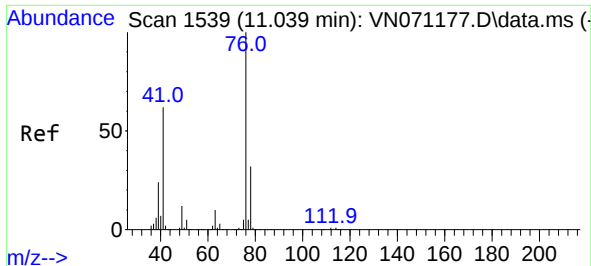
#56
Ethyl methacrylate
Concen: 18.101 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion: 69 Resp: 215143

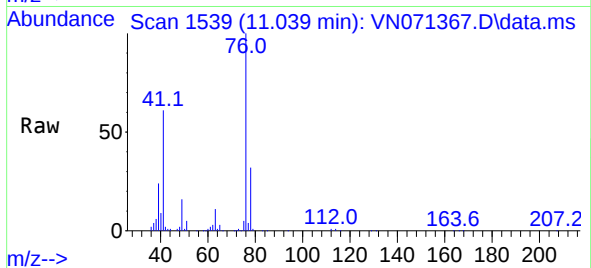
Ion	Ratio	Lower	Upper
69	100		
41	70.9	51.4	77.0
39	38.8	34.6	52.0





#57
1,3-Dichloropropane
Concen: 18.155 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

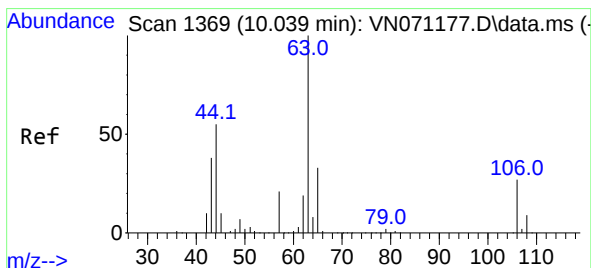
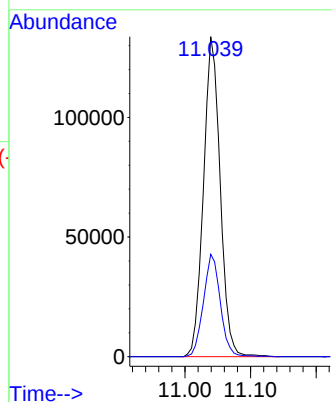
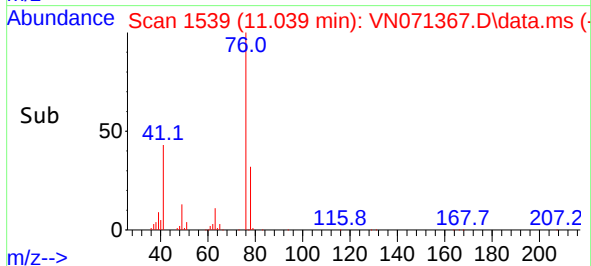
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



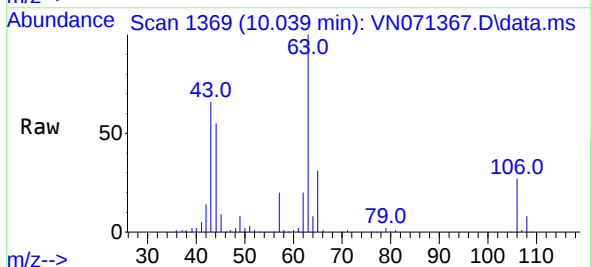
Tgt Ion: 76 Resp: 23717
Ion Ratio Lower Upper
76 100
78 32.4 25.7 38.5

Manual Integrations
APPROVED

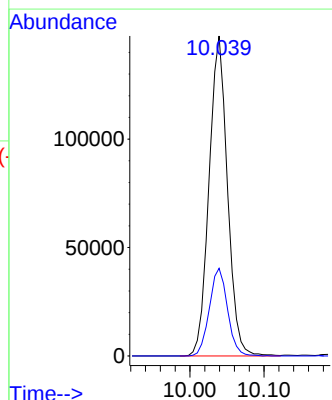
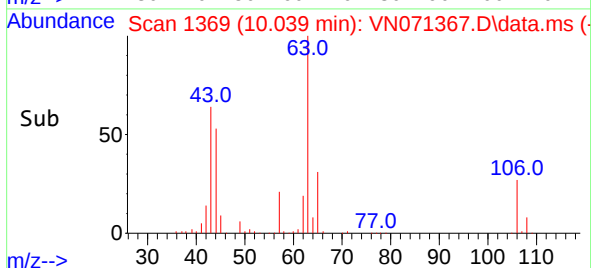
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

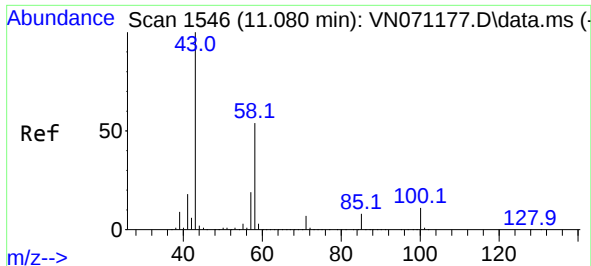


#58
2-Chloroethyl Vinyl ether
Concen: 118.282 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



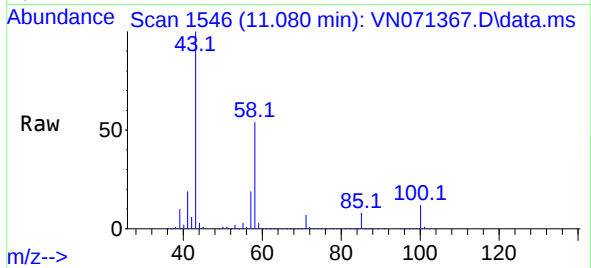
Tgt Ion: 63 Resp: 254102
Ion Ratio Lower Upper
63 100
106 27.0 23.9 35.9





#59
2-Hexanone
Concen: 94.704 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

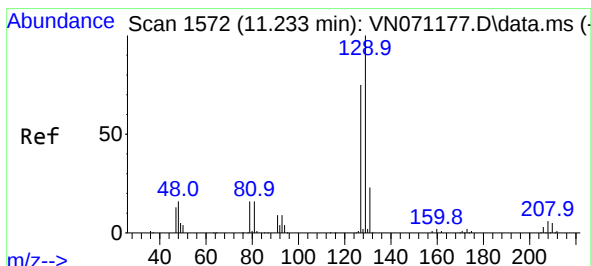
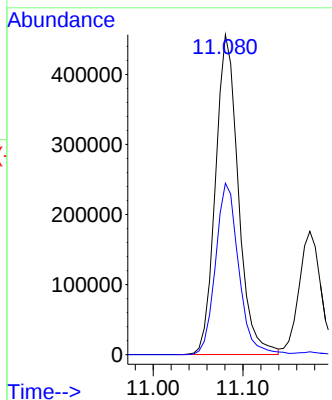
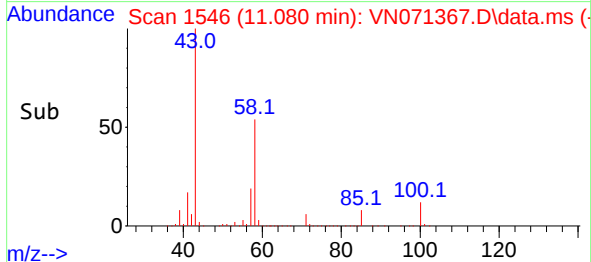
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



Tgt Ion: 43 Resp: 807962
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

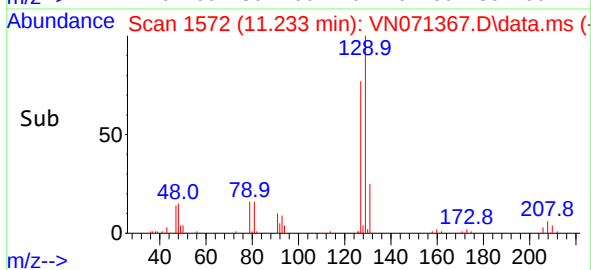
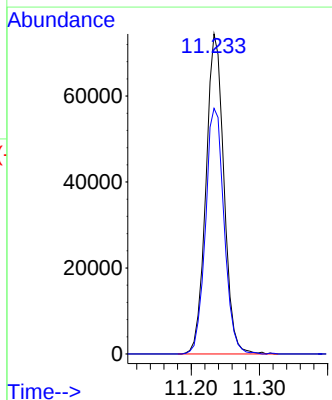
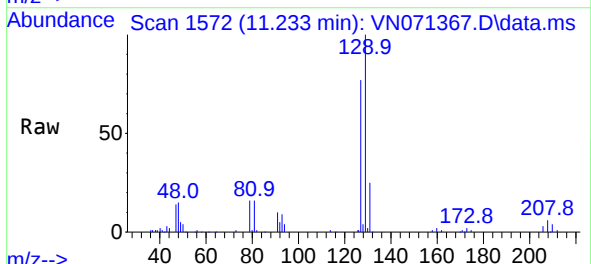
Manual Integrations
APPROVED

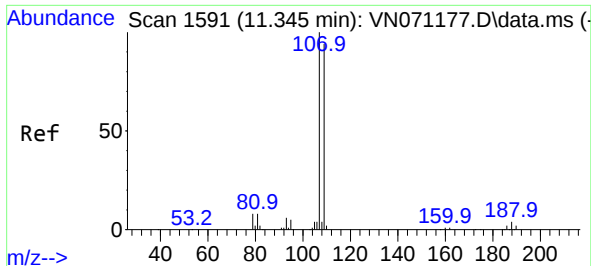
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#60
Dibromochloromethane
Concen: 18.844 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

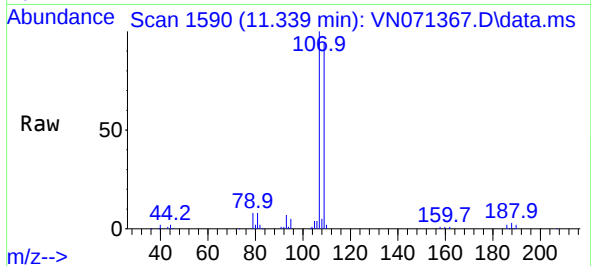
Tgt Ion:129 Resp: 136269
Ion Ratio Lower Upper
129 100
127 79.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.875 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

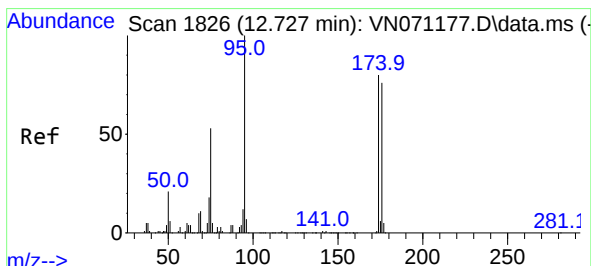
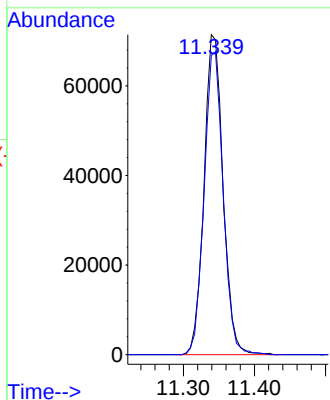
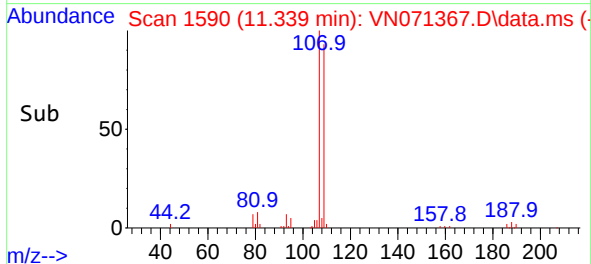
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



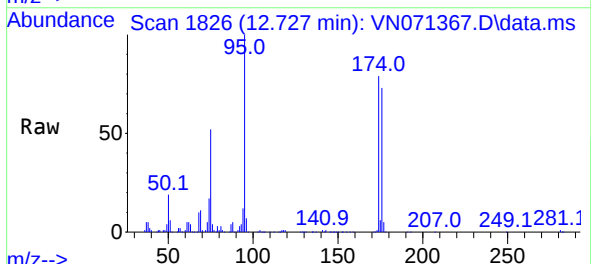
Tgt Ion:107 Resp: 13296
Ion Ratio Lower Upper
107 100
109 94.8 75.7 113.5

Manual Integrations
APPROVED

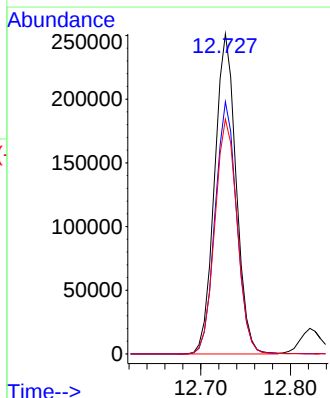
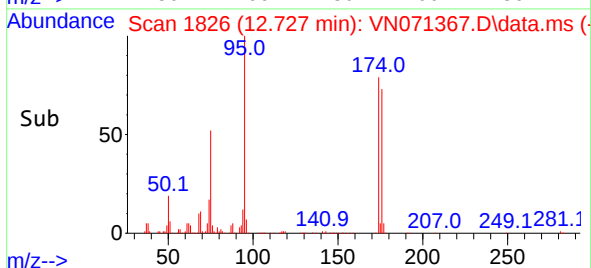
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

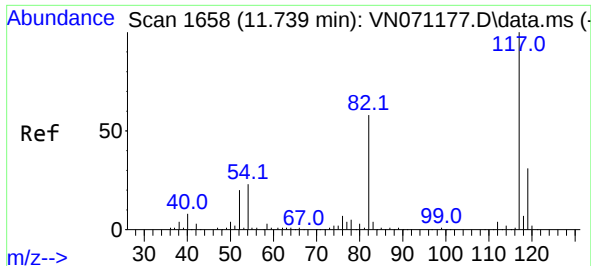


#62
4-Bromofluorobenzene
Concen: 50.218 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



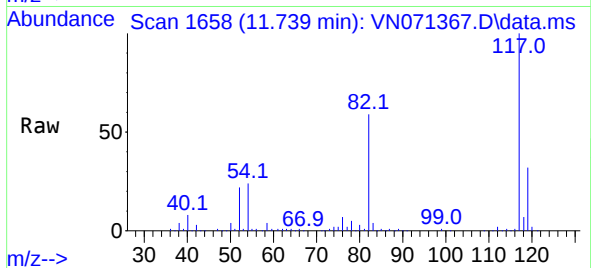
Tgt Ion: 95 Resp: 418346
Ion Ratio Lower Upper
95 100
174 79.2 0.0 187.2
176 75.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

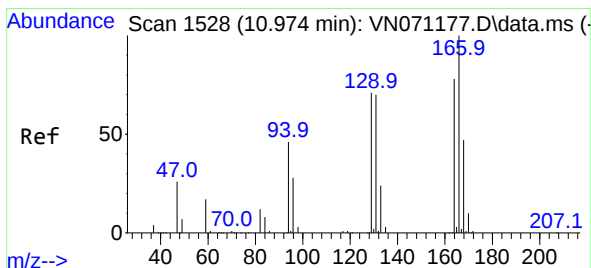
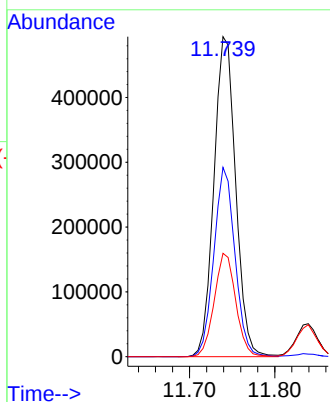
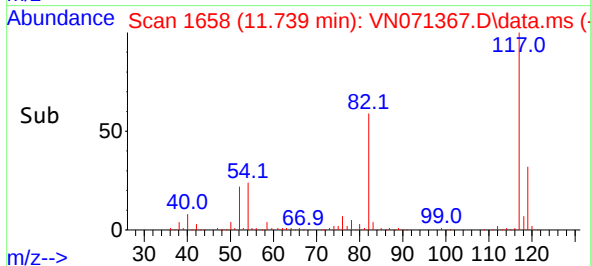
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



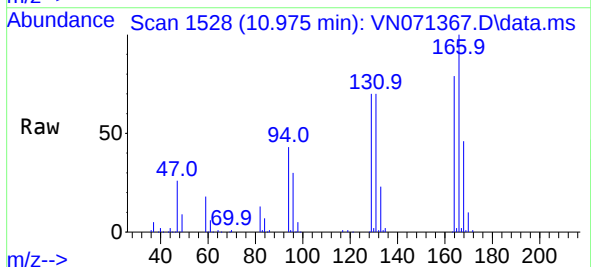
Tgt Ion:117 Resp: 87664
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 32.3 25.4 38.2

Manual Integrations
APPROVED

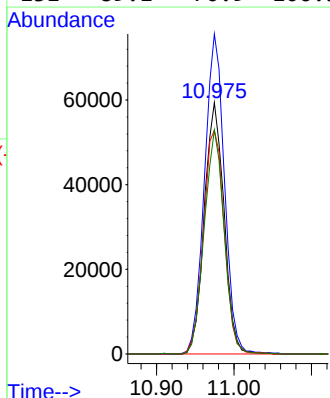
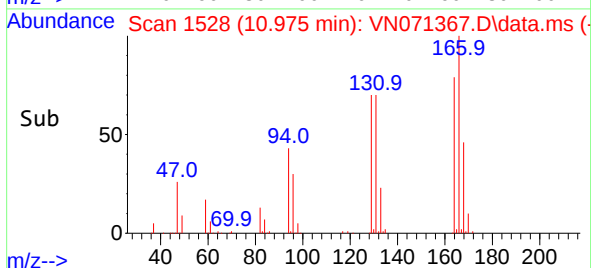
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

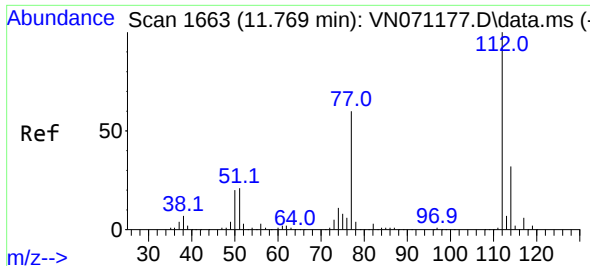


#64
Tetrachloroethene
Concen: 17.219 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



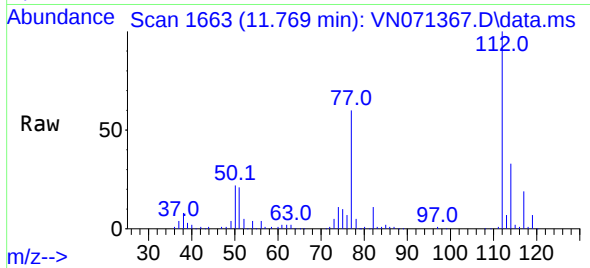
Tgt Ion:164 Resp: 105280
Ion Ratio Lower Upper
164 100
166 127.3 101.9 152.9
129 89.0 72.0 108.0
131 89.1 70.9 106.3





#65
Chlorobenzene
Concen: 17.982 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

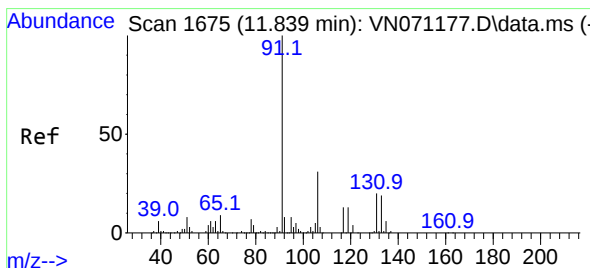
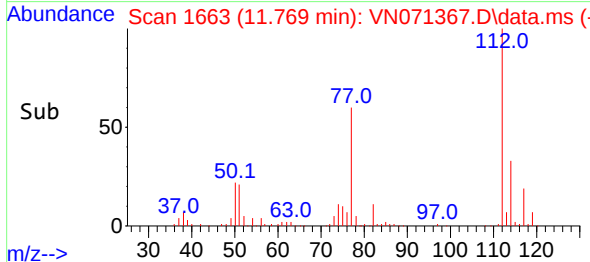
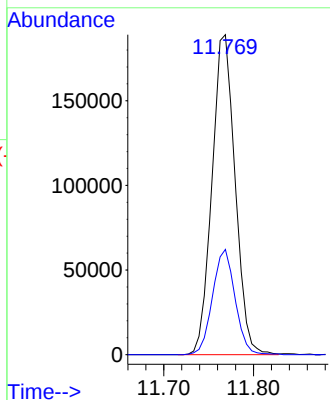
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



Tgt Ion:112 Resp: 338540
Ion Ratio Lower Upper
112 100
114 32.9 25.4 38.0

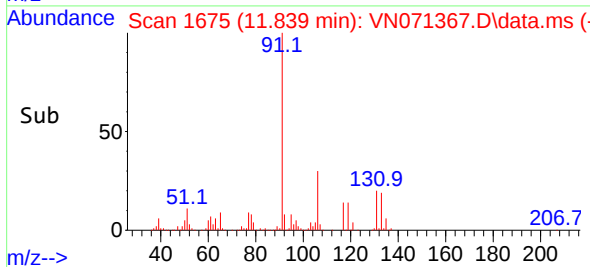
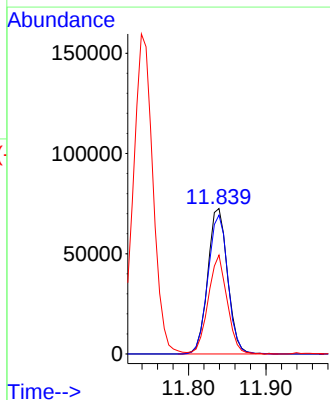
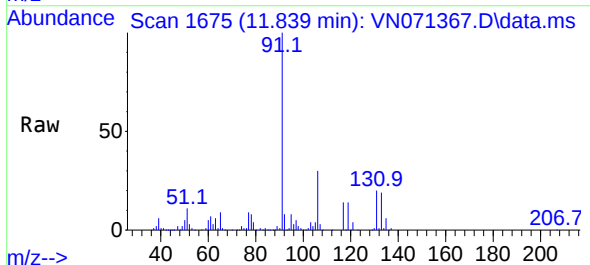
Manual Integrations
APPROVED

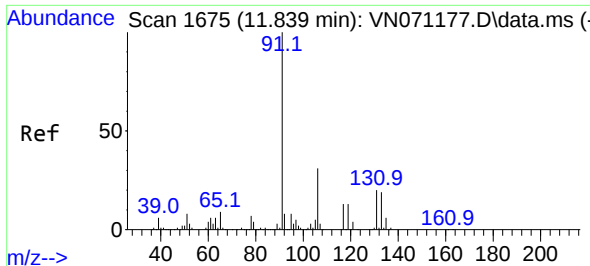
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 18.655 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion:131 Resp: 128780
Ion Ratio Lower Upper
131 100
133 96.1 47.9 143.7
119 65.1 32.1 96.5





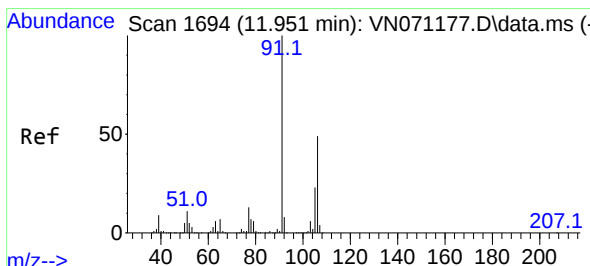
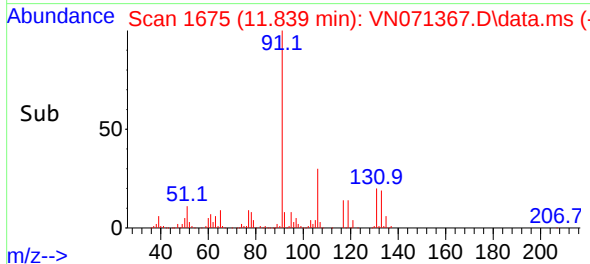
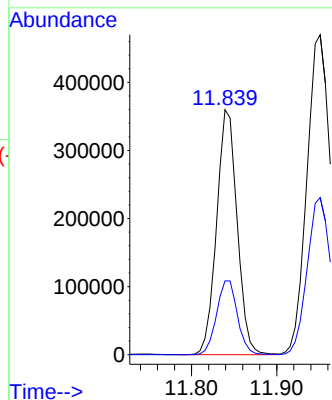
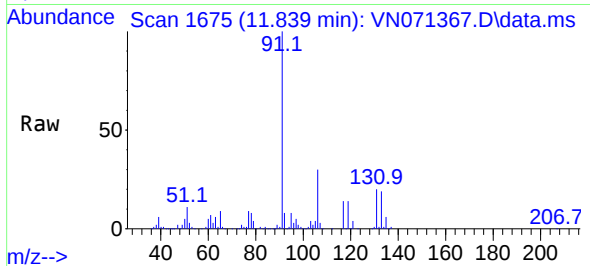
#67
Ethyl Benzene
Concen: 18.120 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 91 Resp: 60315
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

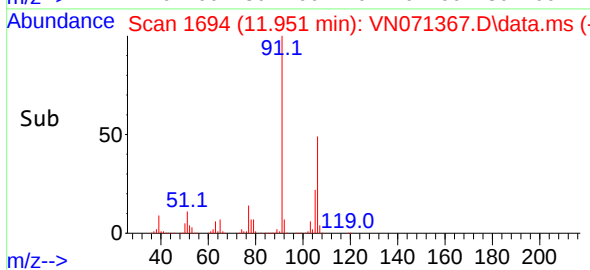
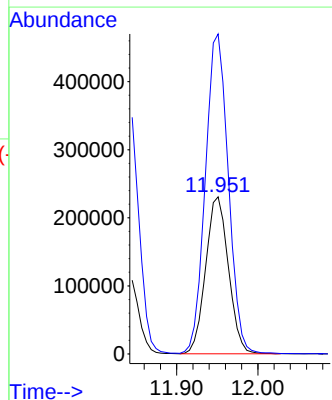
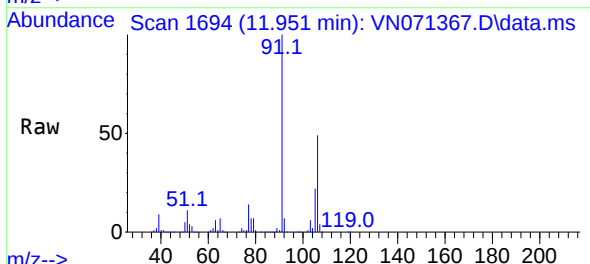
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#68
m/p-Xylenes
Concen: 36.888 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion:106 Resp: 449199
Ion Ratio Lower Upper
106 100
91 205.9 160.6 240.8





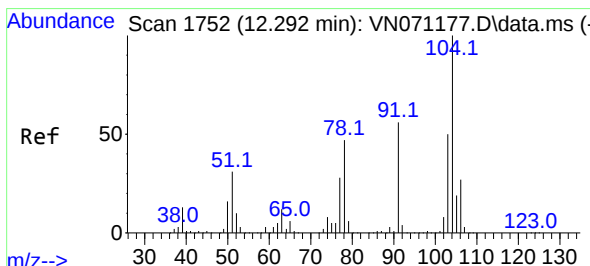
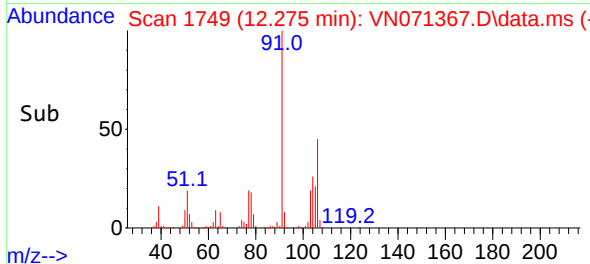
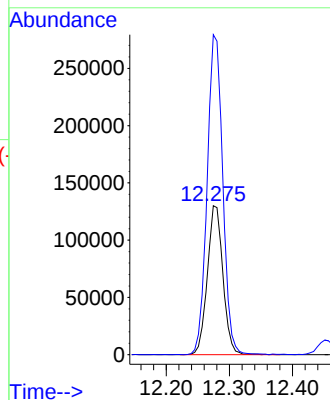
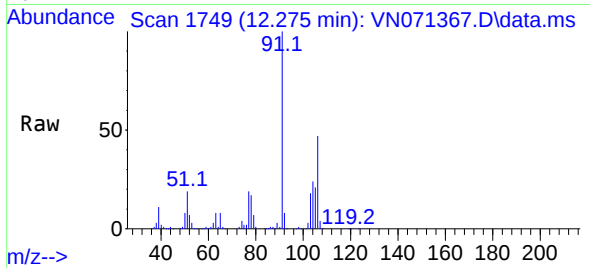
#69
o-Xylene
Concen: 18.214 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.005 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion:106 Resp: 22233
Ion Ratio Lower Upper
106 100
91 216.0 105.8 317.3

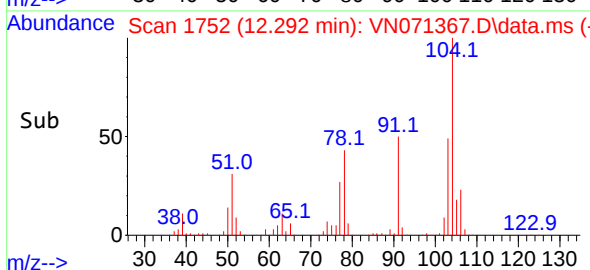
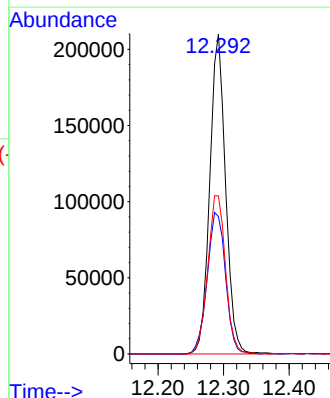
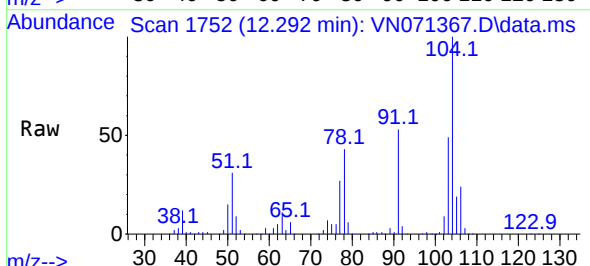
Manual Integrations
APPROVED

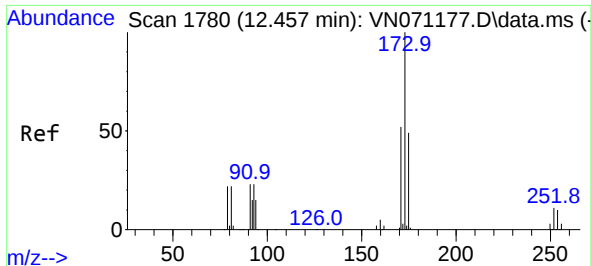
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
Styrene
Concen: 18.690 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

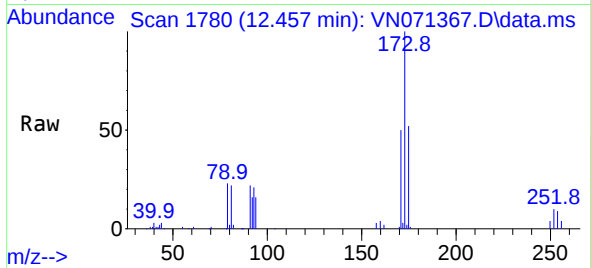
Tgt Ion:104 Resp: 353147
Ion Ratio Lower Upper
104 100
78 51.0 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 19.272 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

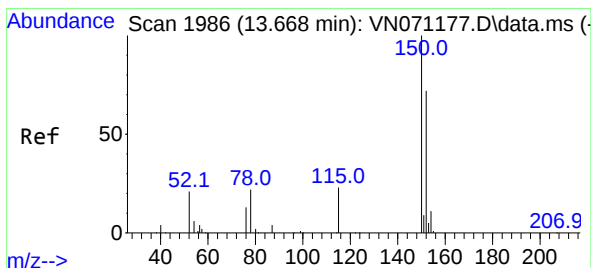
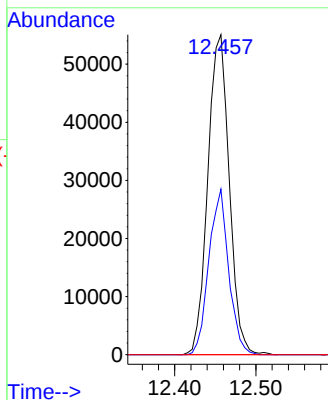
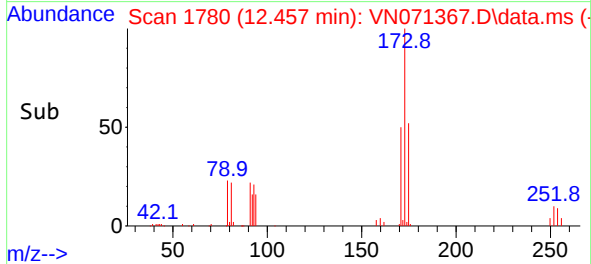
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



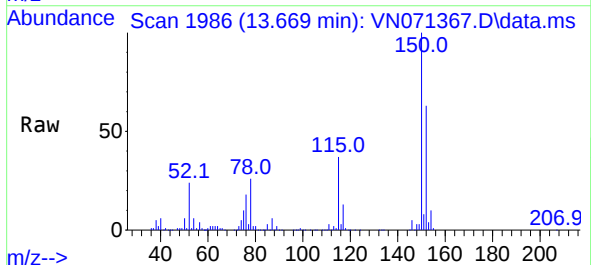
Tgt Ion:173 Resp: 101034
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

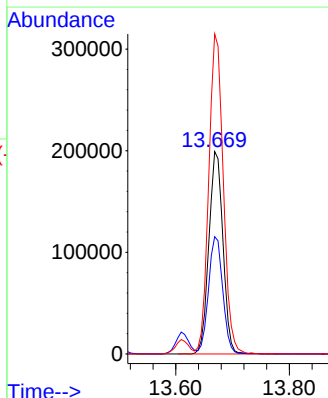
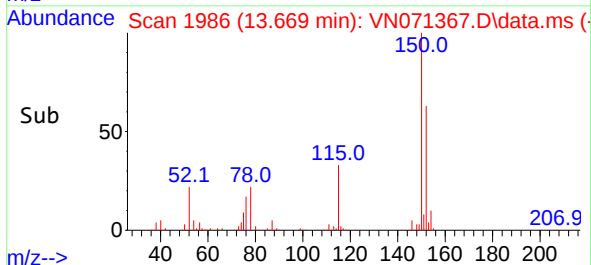
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

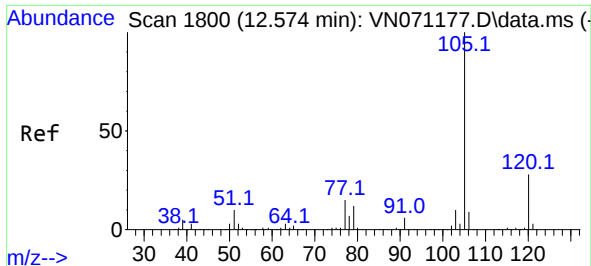


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion:152 Resp: 341127
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 162.7 0.0 344.4





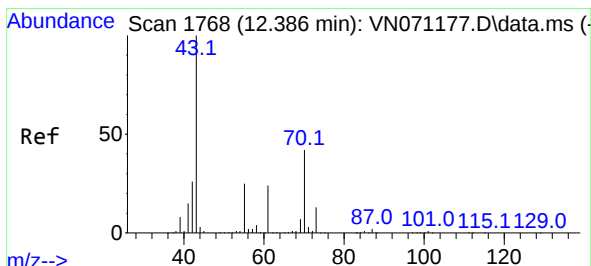
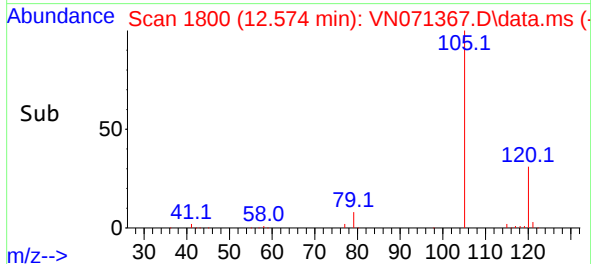
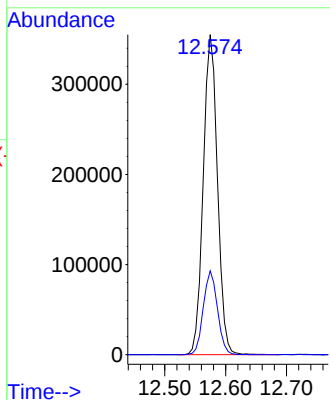
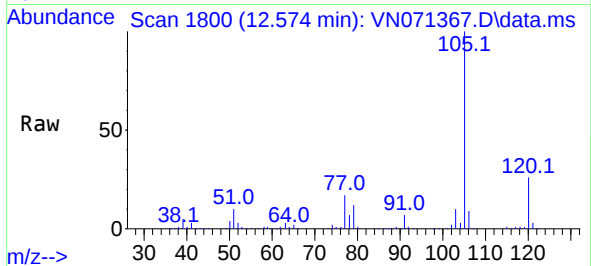
#73
Isopropylbenzene
Concen: 17.540 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion:105 Resp: 57679
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

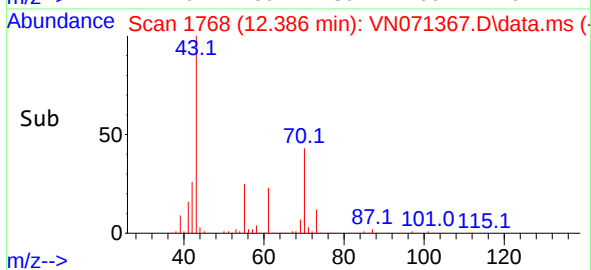
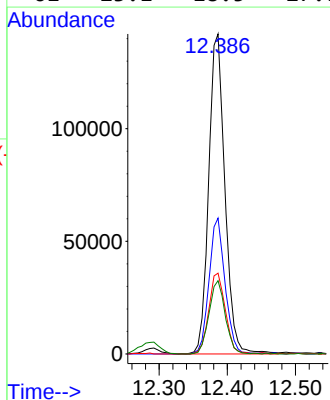
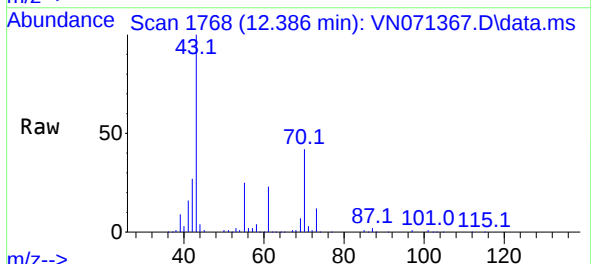
Manual Integrations
APPROVED

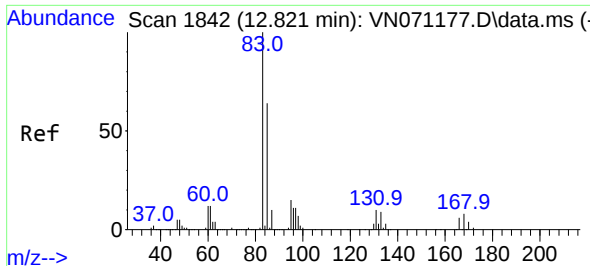
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#74
N-ethyl acetate
Concen: 19.040 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

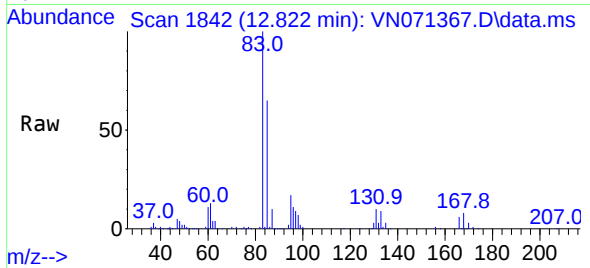
Tgt Ion: 43 Resp: 235420
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 25.8 19.3 28.9
61 23.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.467 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

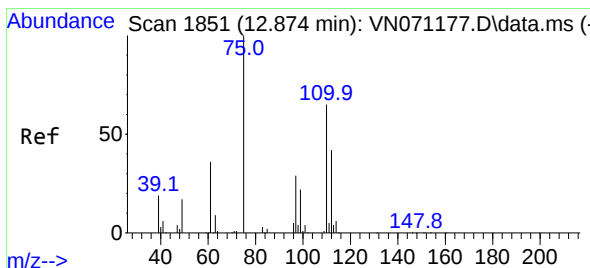
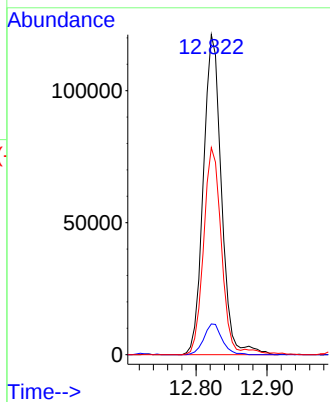
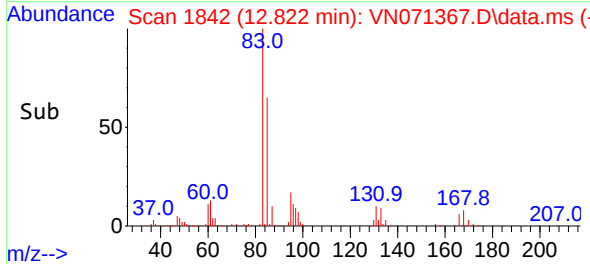
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



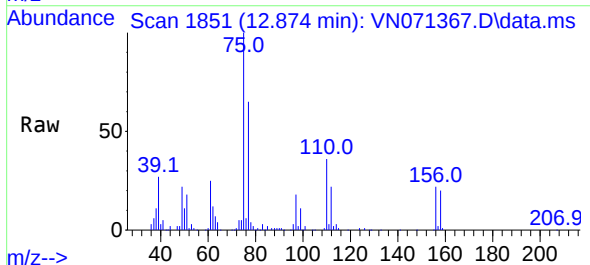
Tgt Ion: 83 Resp: 214790
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 62.6 32.4 97.2

Manual Integrations
APPROVED

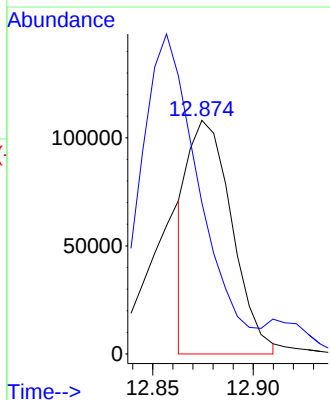
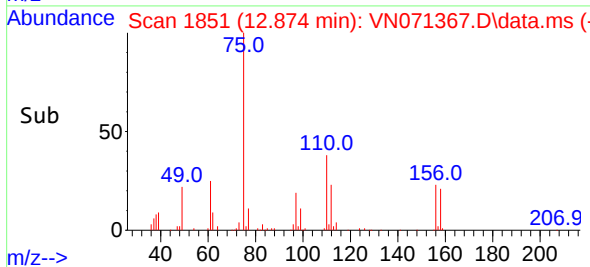
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

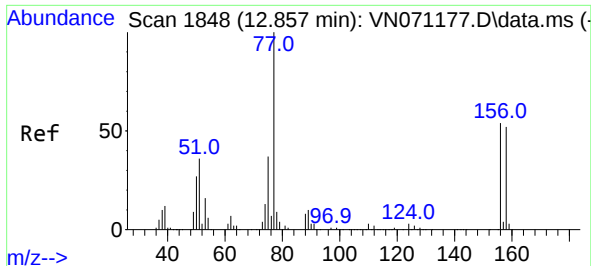


#76
1,2,3-Trichloropropane
Concen: 18.050 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion: 75 Resp: 164141
Ion Ratio Lower Upper
75 100
77 186.4 82.6 247.8





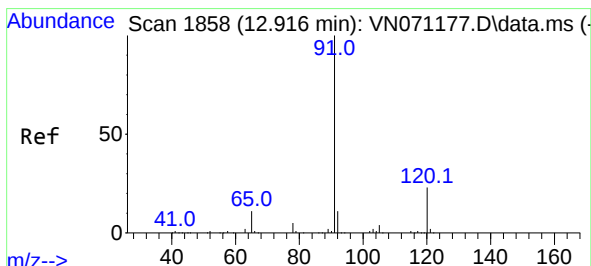
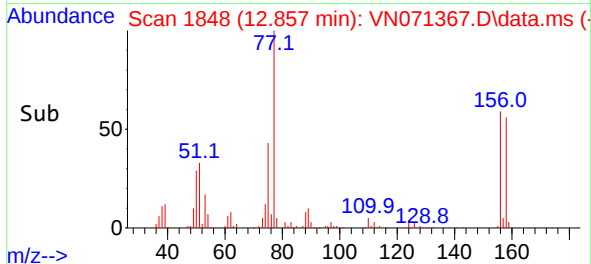
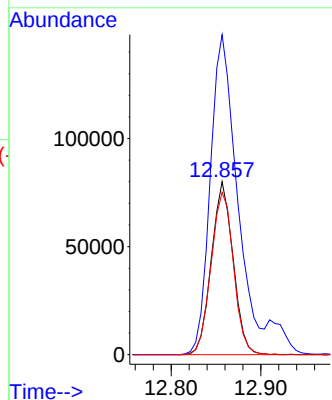
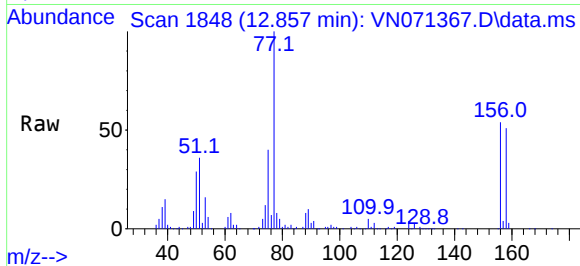
#77
Bromobenzene
Concen: 17.533 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion:156 Resp: 134440
Ion Ratio Lower Upper
156 100
77 227.5 90.6 271.8
158 97.1 48.9 146.7

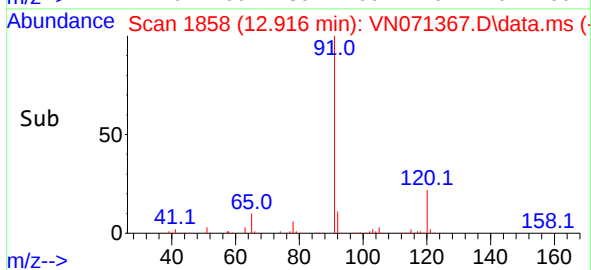
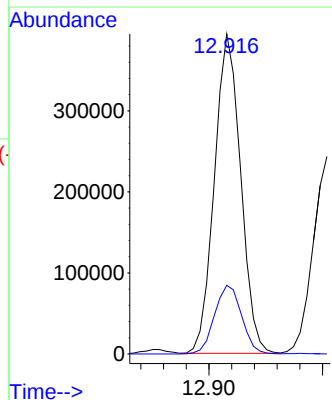
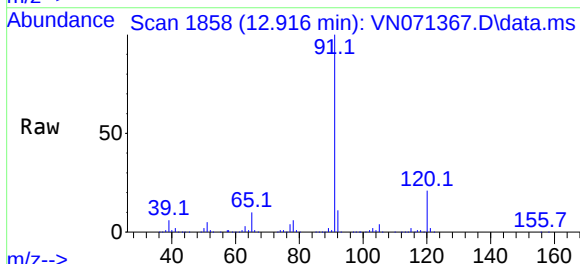
Manual Integrations
APPROVED

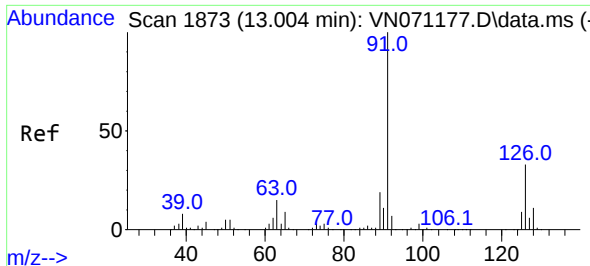
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#78
n-propylbenzene
Concen: 17.917 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion: 91 Resp: 632251
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9





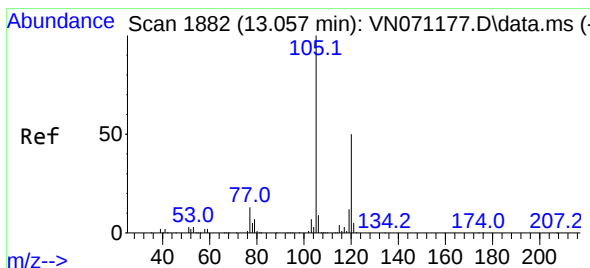
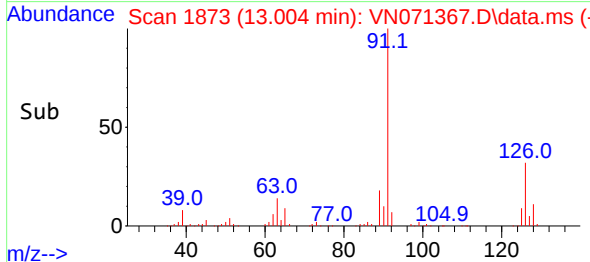
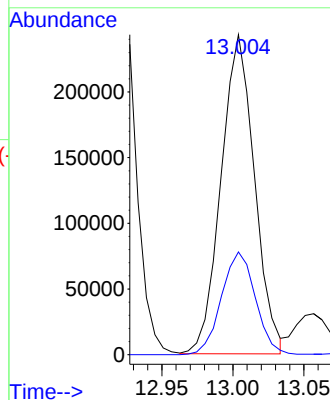
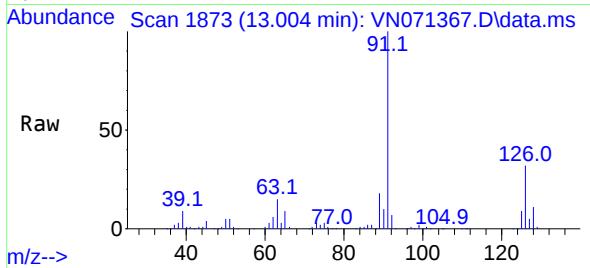
#79
2-Chlorotoluene
Concen: 17.583 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 91 Resp: 398272
Ion Ratio Lower Upper
91 100
126 32.7 18.3 54.8

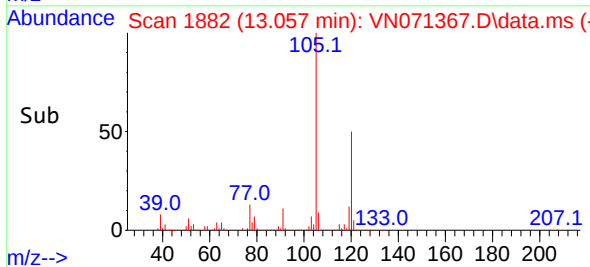
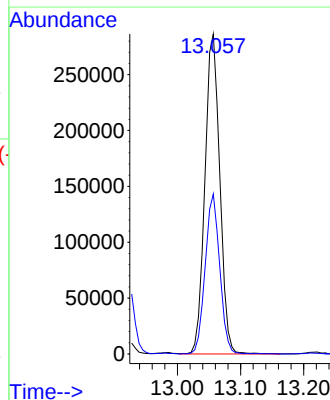
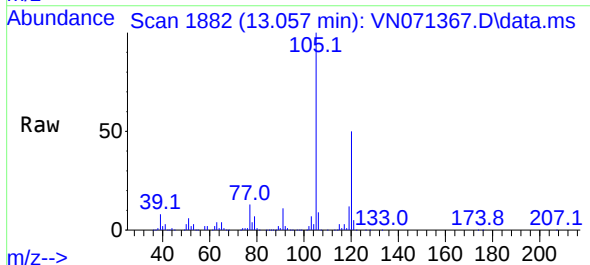
Manual Integrations
APPROVED

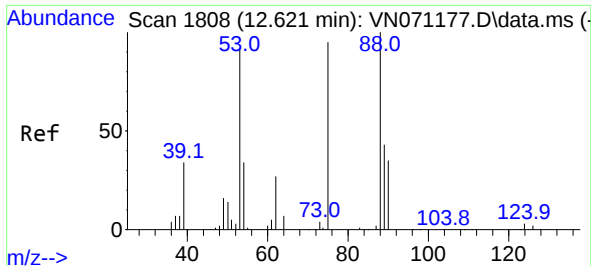
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.317 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion:105 Resp: 468622
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6





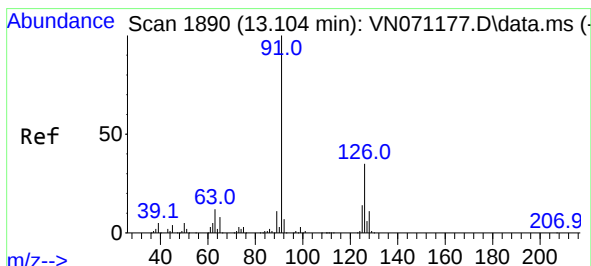
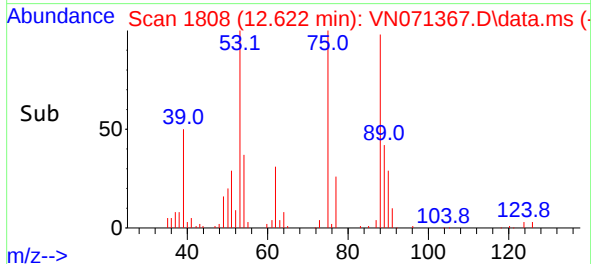
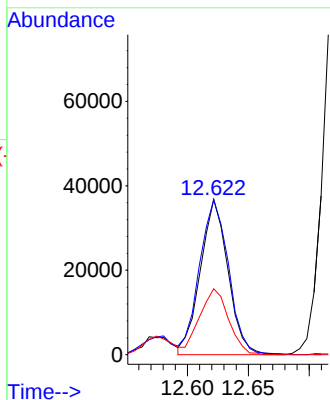
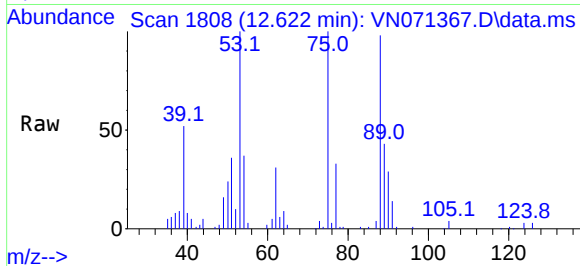
#81
trans-1,4-Dichloro-2-butene
Concen: 18.364 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion: 75 Resp: 57952
Ion Ratio Lower Upper
75 100
53 105.4 90.5 135.7
89 43.9 38.2 57.4

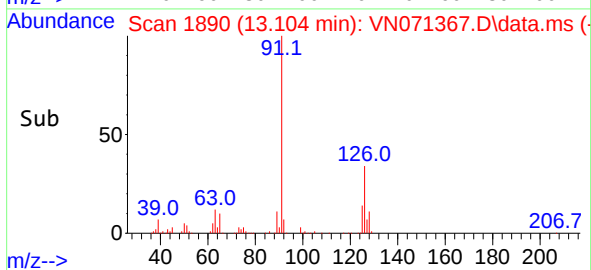
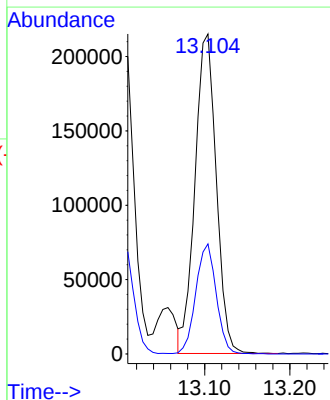
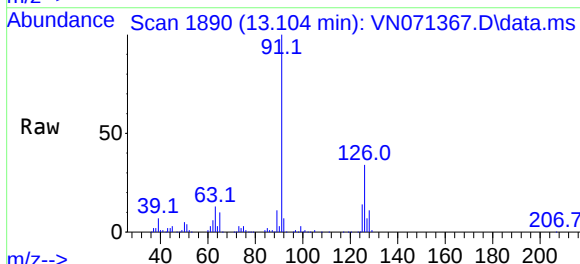
Manual Integrations
APPROVED

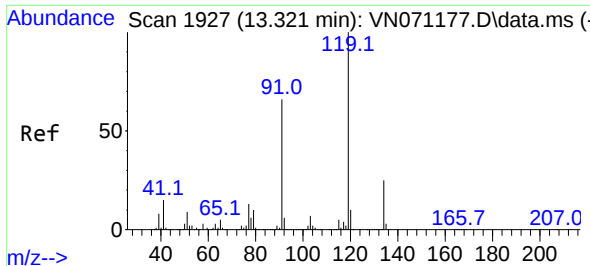
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#82
4-Chlorotoluene
Concen: 18.452 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

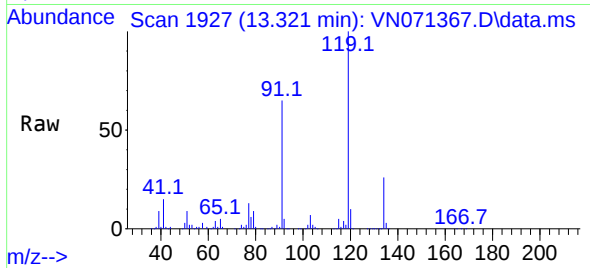
Tgt Ion: 91 Resp: 372299
Ion Ratio Lower Upper
91 100
126 33.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.046 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

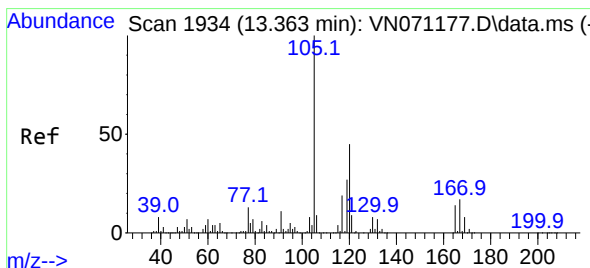
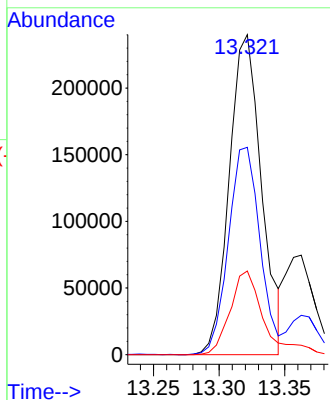
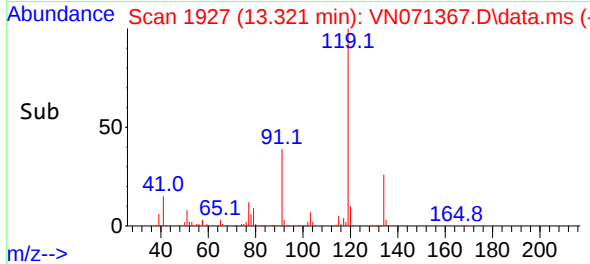
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



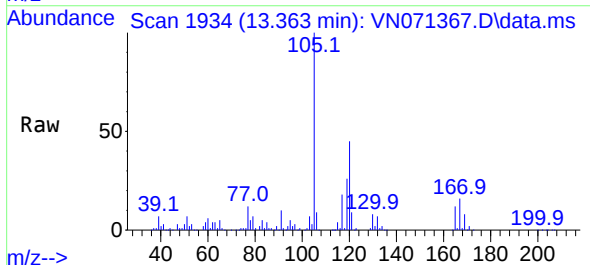
Tgt Ion:119 Resp: 412030
Ion Ratio Lower Upper
119 100
91 63.3 31.5 94.5
134 27.2 12.4 37.4

Manual Integrations
APPROVED

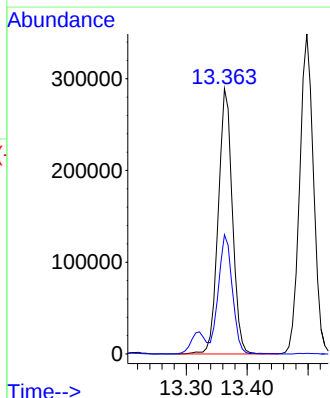
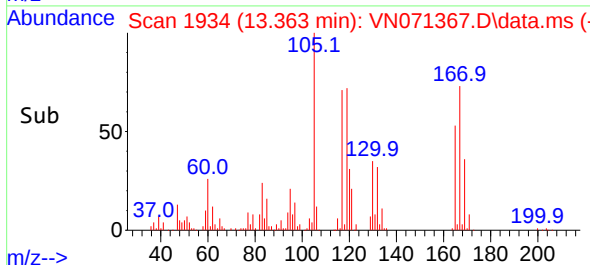
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

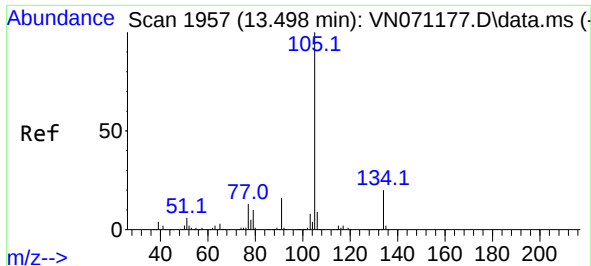


#84
1,2,4-Trimethylbenzene
Concen: 19.003 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion:105 Resp: 465663
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





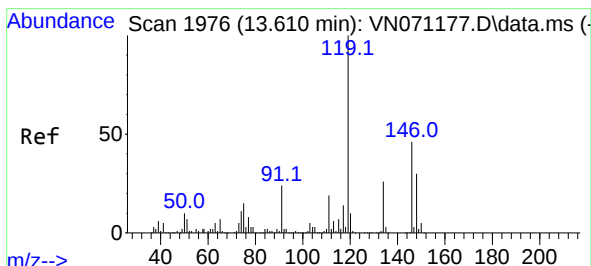
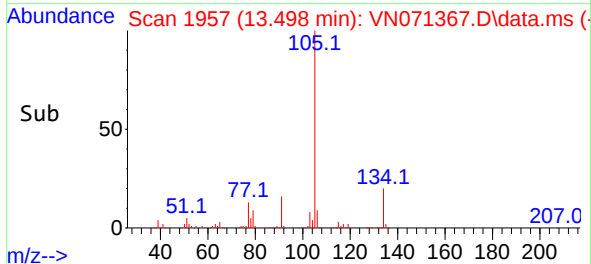
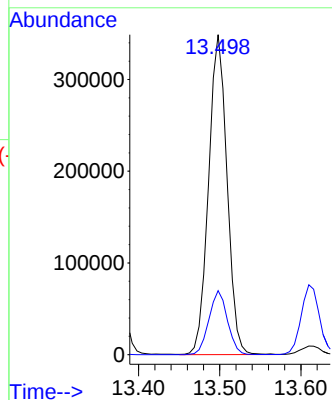
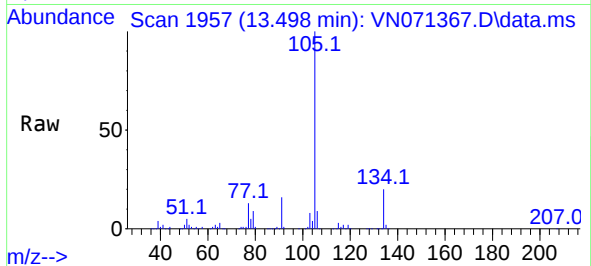
#85
 sec-Butylbenzene
 Concen: 18.123 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071367.D
 Acq: 18 Mar 2022 13:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBSD01

Tgt Ion:105 Resp: 549984
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

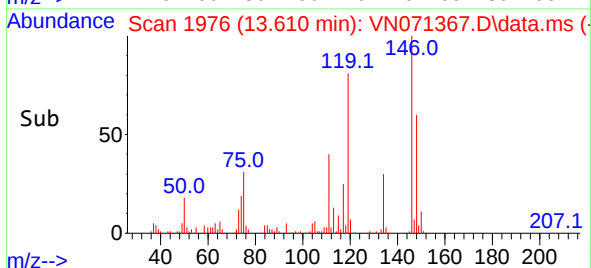
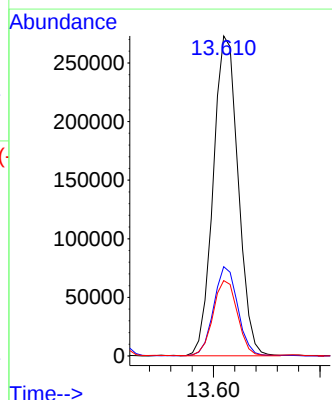
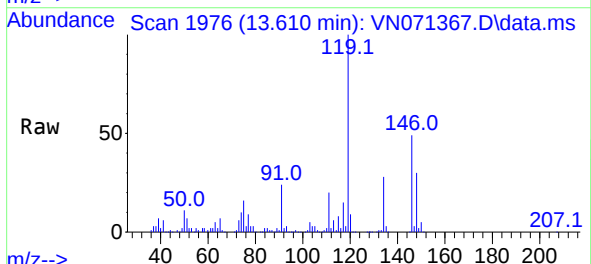
Manual Integrations
 APPROVED

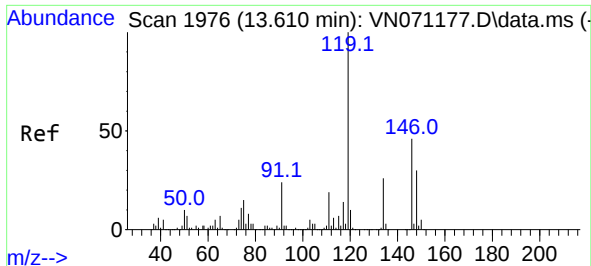
Reviewed By :John Carlone 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#86
 p-Isopropyltoluene
 Concen: 18.564 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071367.D
 Acq: 18 Mar 2022 13:05

Tgt Ion:119 Resp: 443051
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 22.9 11.4 34.1





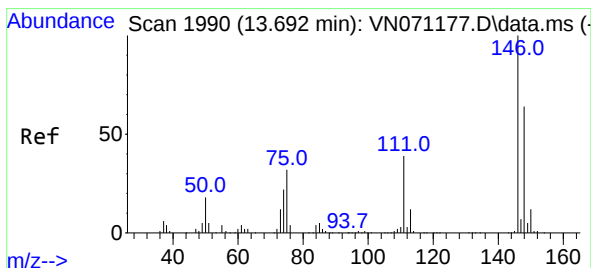
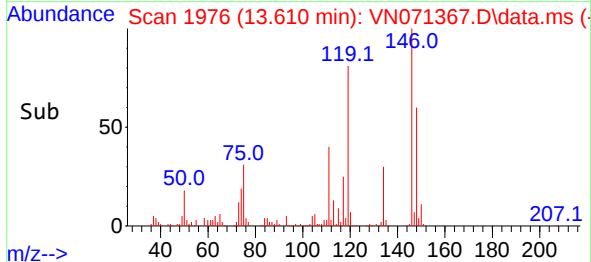
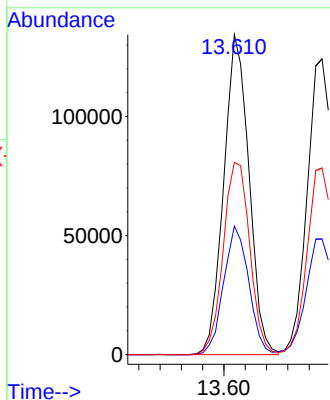
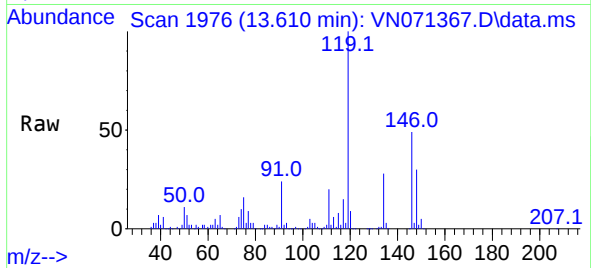
#87
1,3-Dichlorobenzene
Concen: 17.749 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01

Tgt Ion:146 Resp: 221138
Ion Ratio Lower Upper
146 100
111 40.0 18.6 55.6
148 63.5 31.6 95.0

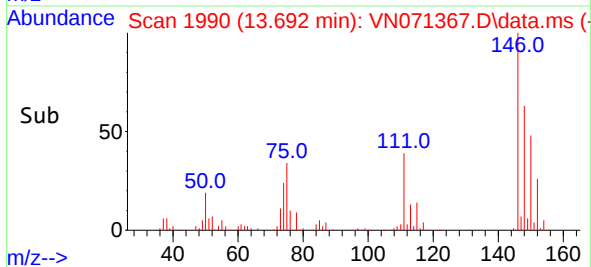
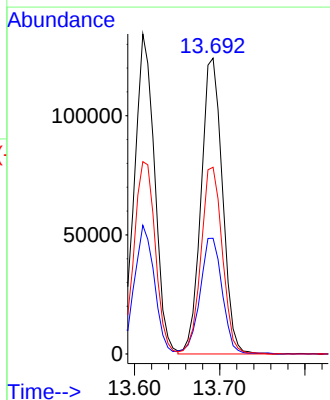
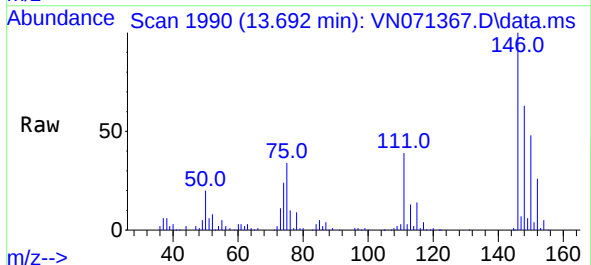
Manual Integrations
APPROVED

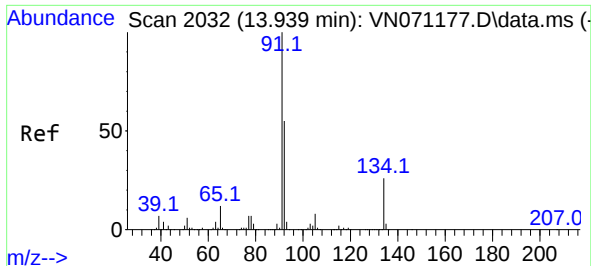
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#88
1,4-Dichlorobenzene
Concen: 17.739 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Tgt Ion:146 Resp: 216049
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 63.2 31.8 95.4





#89
n-Butylbenzene
Concen: 17.385 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

Instrument :

MSVOA_N

ClientSampleId :

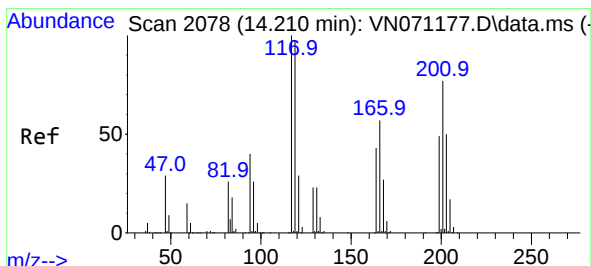
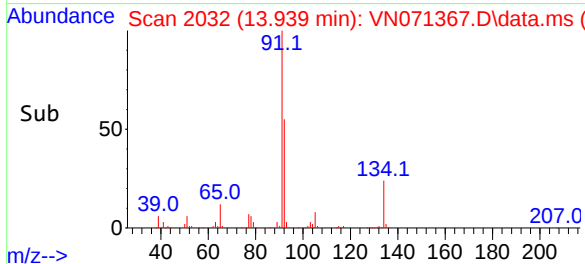
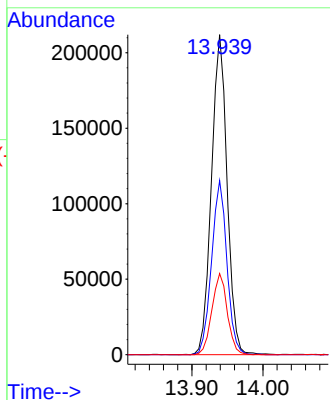
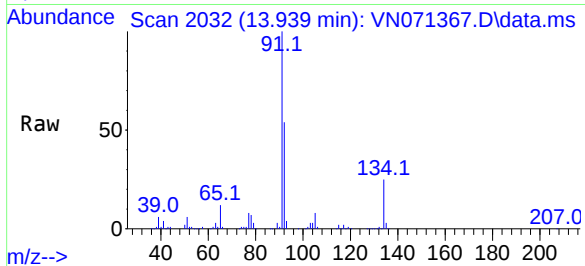
VN0318WBSD01

Tgt Ion: 91 Resp: 324524
Ion Ratio Lower Upper
91 100
92 53.5 25.4 76.0
134 25.0 13.6 40.8

Manual Integrations

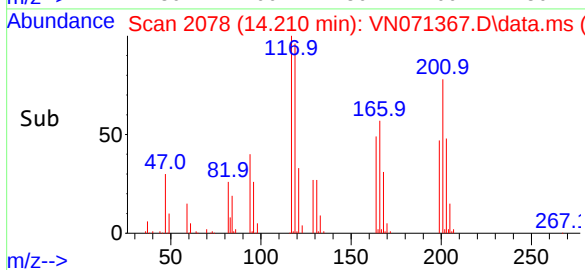
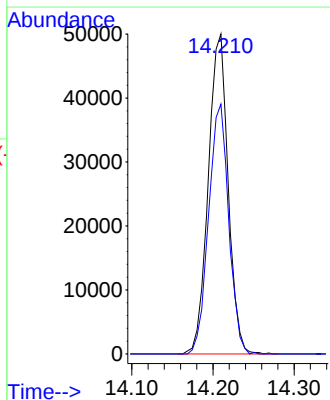
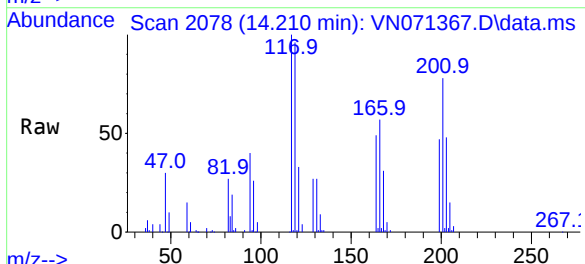
APPROVED

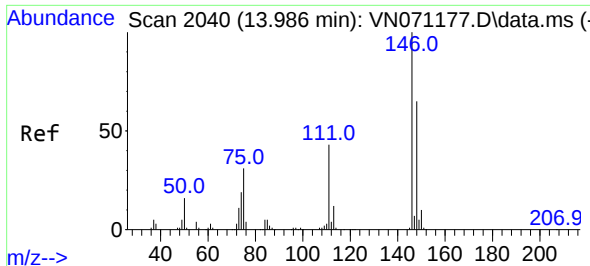
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#90
Hexachloroethane
Concen: 17.877 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

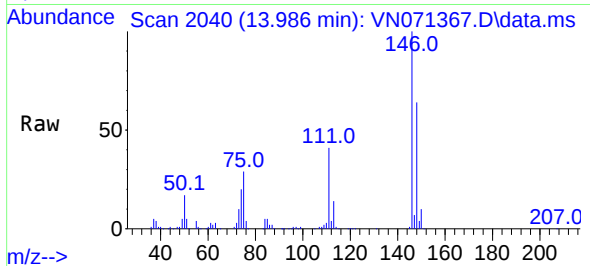
Tgt Ion:117 Resp: 84847
Ion Ratio Lower Upper
117 100
201 79.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.444 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

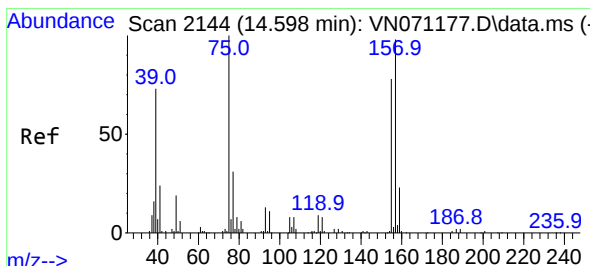
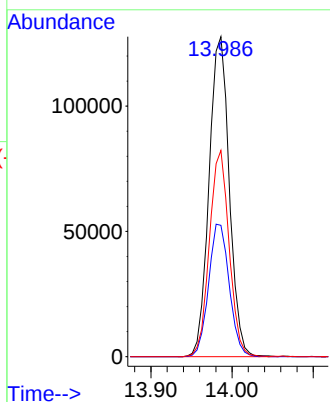
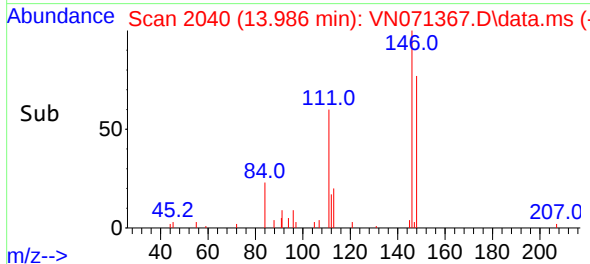
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



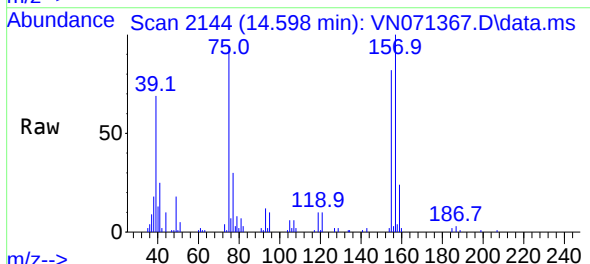
Tgt Ion:146 Resp: 220920
Ion Ratio Lower Upper
146 100
111 42.3 19.1 57.3
148 62.8 32.1 96.3

Manual Integrations
APPROVED

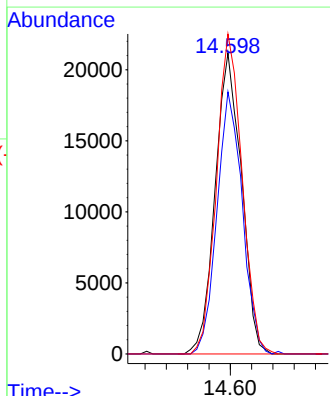
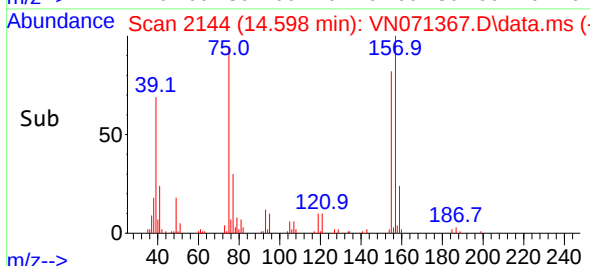
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

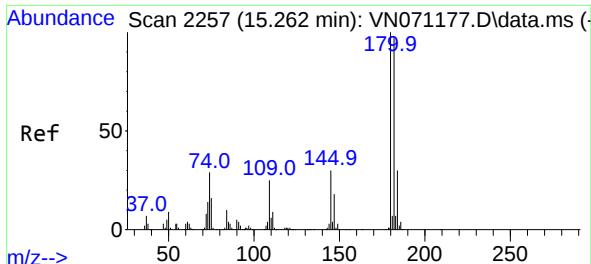


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.933 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



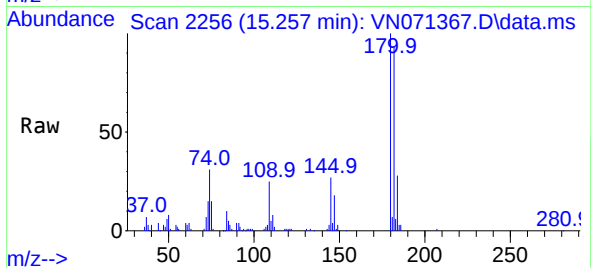
Tgt Ion: 75 Resp: 36224
Ion Ratio Lower Upper
75 100
155 84.1 46.9 140.7
157 103.8 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.160 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

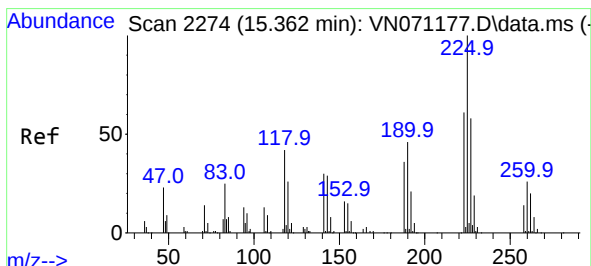
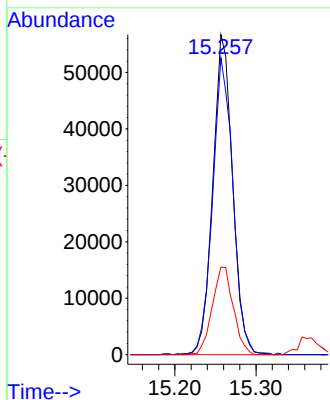
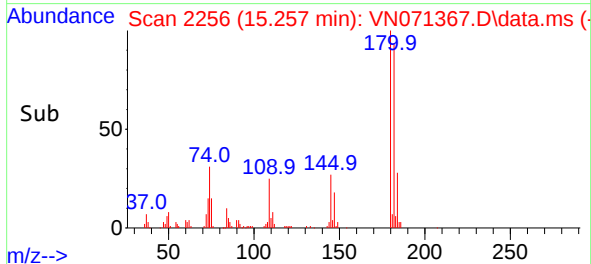
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



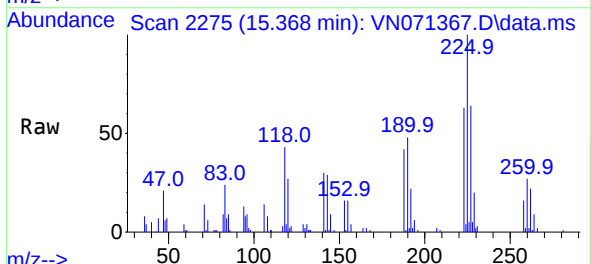
Tgt Ion:180 Resp: 96152
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 29.1 14.5 43.5

Manual Integrations
APPROVED

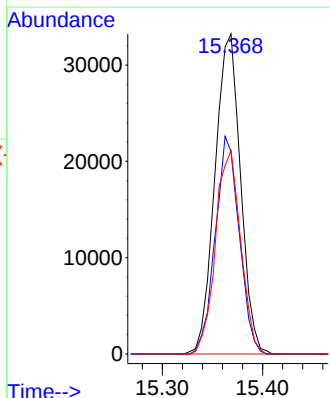
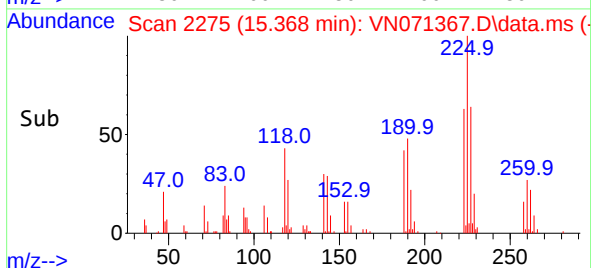
Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

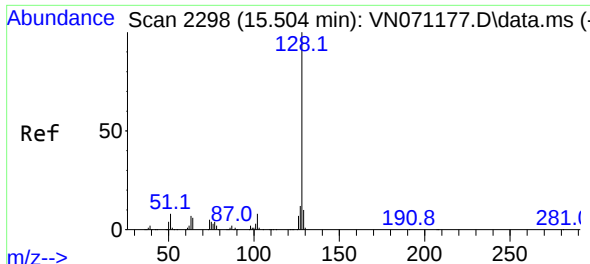


#94
Hexachlorobutadiene
Concen: 17.471 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



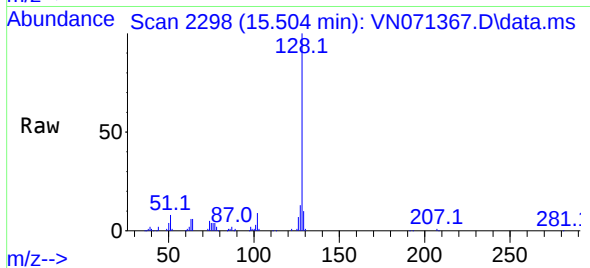
Tgt Ion:225 Resp: 58750
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 62.5 32.1 96.3





#95
Naphthalene
Concen: 19.670 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05

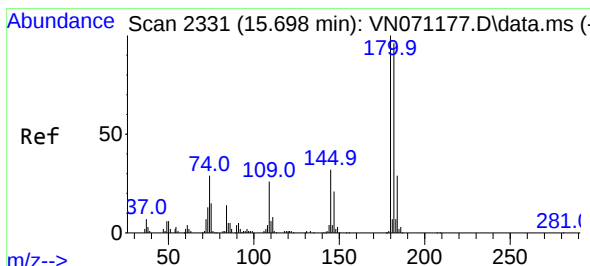
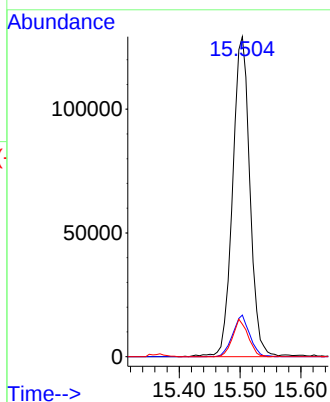
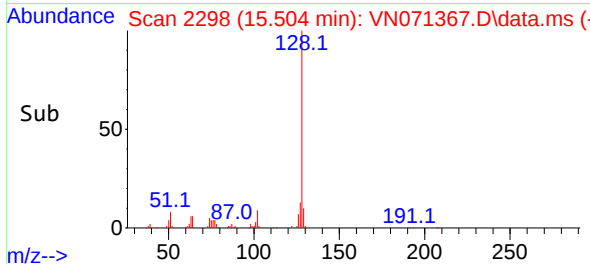
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBSD01



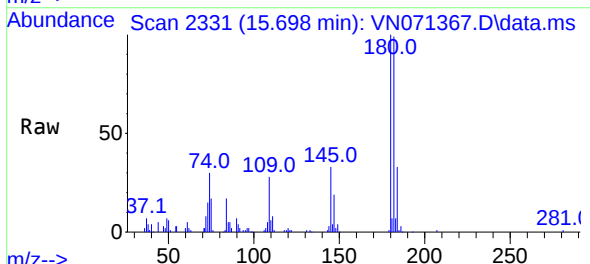
Tgt Ion:128 Resp: 254112
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.151 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071367.D
Acq: 18 Mar 2022 13:05



Tgt Ion:180 Resp: 93014
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.2
145 32.9 15.0 45.1

