

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071648.D
 Acq On : 30 Mar 2022 10:28
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 12:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:03:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	559294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	878169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	782116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	282181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	33142	4.983	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.960%#		
35) Dibromofluoromethane	8.016	113	25010	4.678	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.360%#		
50) Toluene-d8	10.433	98	106688	4.837	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.680%#		
62) 4-Bromofluorobenzene	12.727	95	32932	4.565	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	9.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	21891	4.071	ug/l	99
3) Chloromethane	2.299	50	28980	4.553	ug/l	98
4) Vinyl Chloride	2.446	62	32795	4.634	ug/l	95
5) Bromomethane	2.834	94	23478	5.675	ug/l	90
6) Chloroethane	3.005	64	26954	5.266	ug/l	94
7) Trichlorofluoromethane	3.375	101	39996	4.716	ug/l	93
8) Diethyl Ether	3.822	74	17450	4.937	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.216	101	24757	4.802	ug/l	97
10) Methyl Iodide	4.428	142	34548	4.573	ug/l	99
11) Tert butyl alcohol	5.369	59	24049	20.460	ug/l	97
12) 1,1-Dichloroethene	4.181	96	24223	4.872	ug/l	94
13) Acrolein	4.046	56	30033	27.979	ug/l	95
14) Allyl chloride	4.840	41	38248	4.791	ug/l	99
15) Acrylonitrile	5.551	53	75047	22.764	ug/l	98
16) Acetone	4.281	43	67665	24.481	ug/l	96
17) Carbon Disulfide	4.528	76	58638	4.767	ug/l	99
18) Methyl Acetate	4.851	43	51977	6.079	ug/l	100
19) Methyl tert-butyl Ether	5.604	73	88148	4.818	ug/l	97
20) Methylene Chloride	5.093	84	29606	4.873	ug/l	98
21) trans-1,2-Dichloroethene	5.598	96	26932	5.039	ug/l	94
22) Diisopropyl ether	6.493	45	81542	4.768	ug/l	98
23) Vinyl Acetate	6.428	43	295433	20.507	ug/l	99
24) 1,1-Dichloroethane	6.381	63	49469	4.868	ug/l	98
25) 2-Butanone	7.328	43	96585	22.584	ug/l	99
26) 2,2-Dichloropropane	7.322	77	40626	4.650	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	31089	4.723	ug/l	98
28) Bromochloromethane	7.645	49	18971	4.713	ug/l	96
29) Tetrahydrofuran	7.681	42	63007	22.650	ug/l	96
30) Chloroform	7.810	83	51442	4.931	ug/l	98
31) Cyclohexane	8.092	56	52262	5.627	ug/l #	82
32) 1,1,1-Trichloroethane	8.004	97	44027	4.875	ug/l	97
36) 1,1-Dichloropropene	8.216	75	38770	5.024	ug/l	98
37) Ethyl Acetate	7.404	43	37967	4.468	ug/l	99
38) Carbon Tetrachloride	8.198	117	36281	4.756	ug/l	98
39) Methylcyclohexane	9.451	83	45313	4.762	ug/l	95
40) Benzene	8.451	78	119943	5.062	ug/l	100

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 Acq On : 30 Mar 2022 10:28
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 12:06:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:03:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	19440	4.724	ug/l	96
42) 1,2-Dichloroethane	8.522	62	42019	5.132	ug/l	99
43) Isopropyl Acetate	8.551	43	65814	4.402	ug/l	96
44) Trichloroethene	9.210	130	31500	5.044	ug/l	97
45) 1,2-Dichloropropane	9.486	63	28526	4.875	ug/l	100
46) Dibromomethane	9.575	93	19879	4.967	ug/l	97
47) Bromodichloromethane	9.757	83	37204	4.716	ug/l	98
48) Methyl methacrylate	9.551	41	25215	4.184	ug/l	97
49) 1,4-Dioxane	9.563	88	11084	82.502	ug/l #	96
51) 4-Methyl-2-Pentanone	10.322	43	183683	22.157	ug/l	98
52) Toluene	10.498	92	75291	4.929	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	38548	4.492	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	45242	4.849	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	29769	4.826	ug/l	98
56) Ethyl methacrylate	10.757	69	40760	4.437	ug/l	97
57) 1,3-Dichloropropane	11.039	76	50117	4.874	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	41642	17.786	ug/l	98
59) 2-Hexanone	11.080	43	126399	21.340	ug/l	98
60) Dibromochloromethane	11.233	129	28393	4.603	ug/l	98
61) 1,2-Dibromoethane	11.339	107	29515	4.745	ug/l	99
64) Tetrachloroethene	10.969	164	27312	5.073	ug/l	95
65) Chlorobenzene	11.763	112	80753	4.958	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	27919	4.783	ug/l	99
67) Ethyl Benzene	11.839	91	136631	4.865	ug/l	95
68) m/p-Xylenes	11.945	106	104351	9.762	ug/l	99
69) o-Xylene	12.275	106	52014	4.846	ug/l	99
70) Styrene	12.292	104	73591	4.493	ug/l	97
71) Bromoform	12.457	173	20793	4.509	ug/l #	97
73) Isopropylbenzene	12.569	105	127190	5.147	ug/l	100
74) N-amyl acetate	12.386	43	33307	4.437	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	42220	5.107	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	34658m	5.121	ug/l	
77) Bromobenzene	12.857	156	30531	4.908	ug/l	96
78) n-propylbenzene	12.916	91	130399	4.893	ug/l	99
79) 2-Chlorotoluene	13.004	91	85821	5.142	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	102042	5.229	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.616	75	10101	4.309	ug/l	92
82) 4-Chlorotoluene	13.098	91	79730	5.118	ug/l	99
83) tert-Butylbenzene	13.316	119	92005	5.134	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	98776	5.160	ug/l	100
85) sec-Butylbenzene	13.492	105	119142	5.040	ug/l	99
86) p-Isopropyltoluene	13.610	119	93037	4.945	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	48637	4.849	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	48204	4.841	ug/l	95
89) n-Butylbenzene	13.939	91	64844	4.562	ug/l	99
90) Hexachloroethane	14.204	117	16674	4.727	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	46477	4.743	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	5712	4.008	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	15667	3.613	ug/l	98
94) Hexachlorobutadiene	15.363	225	14878	5.430	ug/l	94
95) Naphthalene	15.498	128	30300	2.568	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	13812	3.186	ug/l	98

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Data File : VN071648.D
Acq On : 30 Mar 2022 10:28
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

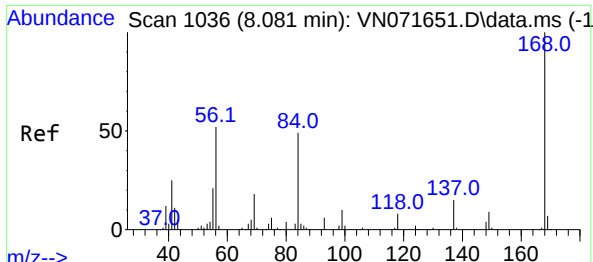
Manual Integrations
APPROVED

Reviewed By : John Carlone 03/31/2022
Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 12:06:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 12:03:14 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



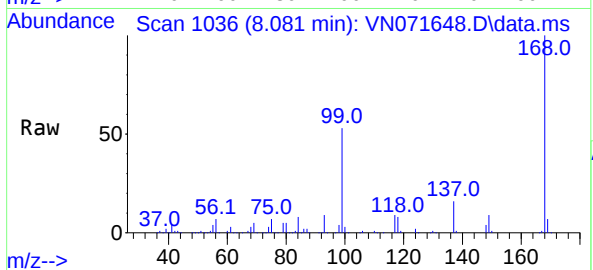
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

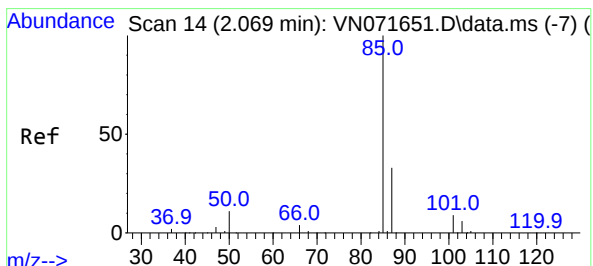
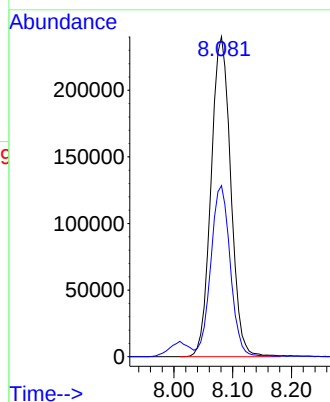
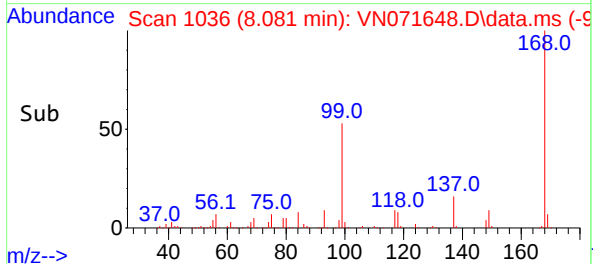


Tgt Ion:168 Resp: 559294
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5

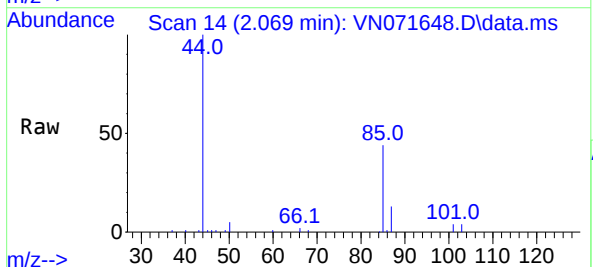
Manual Integrations

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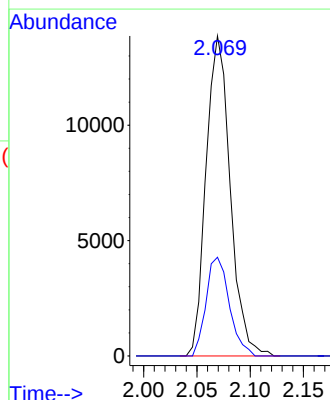
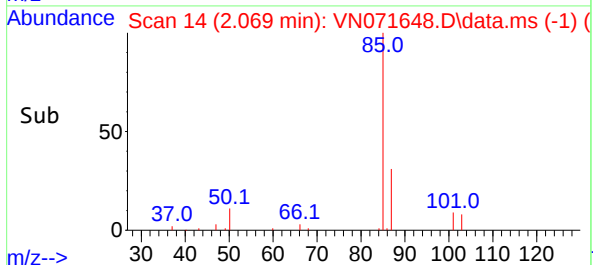
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

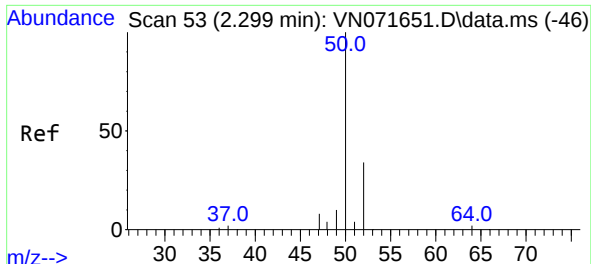


#2
Dichlorodifluoromethane
Concen: 4.071 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion: 85 Resp: 21891
Ion Ratio Lower Upper
85 100
87 30.9 15.7 47.1





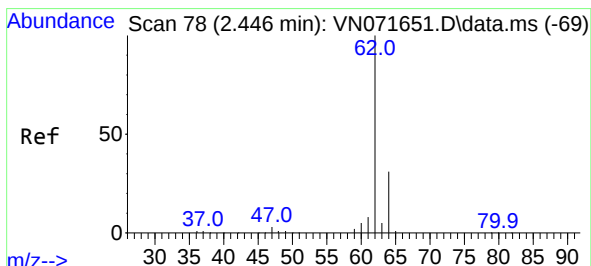
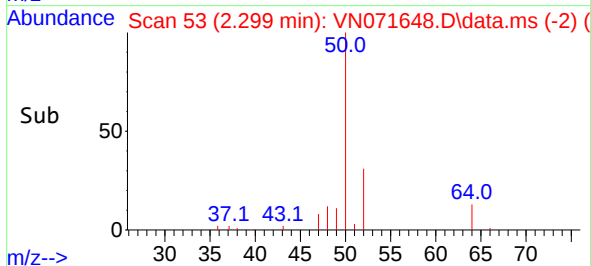
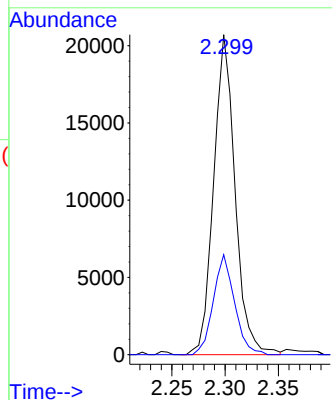
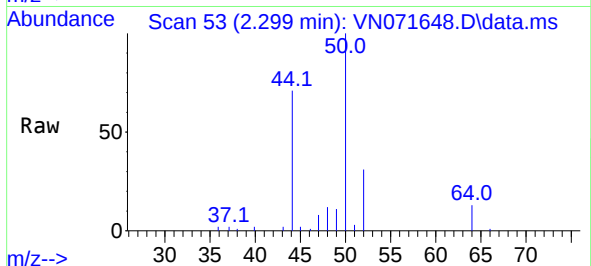
#3
Chloromethane
Concen: 4.553 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 28980
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5

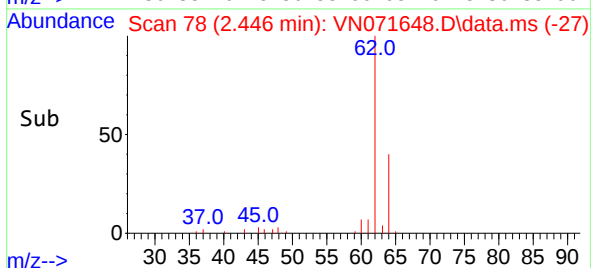
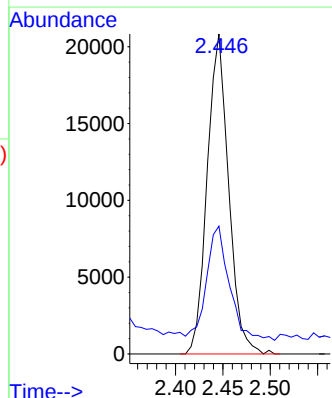
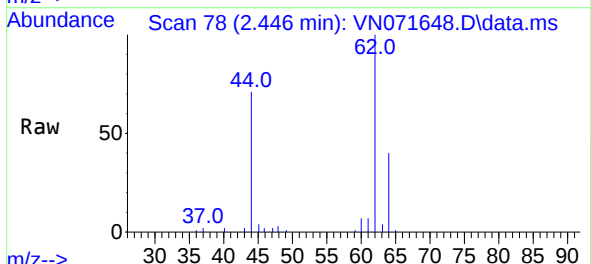
Manual Integrations
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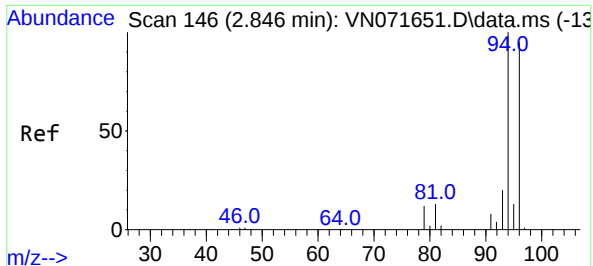
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#4
Vinyl Chloride
Concen: 4.634 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

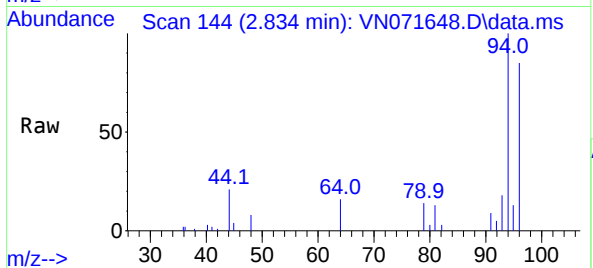
Tgt Ion: 62 Resp: 32795
Ion Ratio Lower Upper
62 100
64 33.8 25.0 37.4





#5
Bromomethane
Concen: 5.675 ug/l
RT: 2.834 min Scan# 146
Delta R.T. -0.012 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

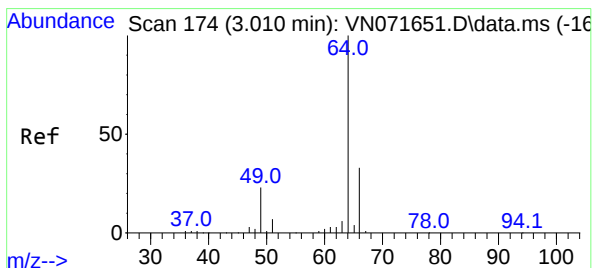
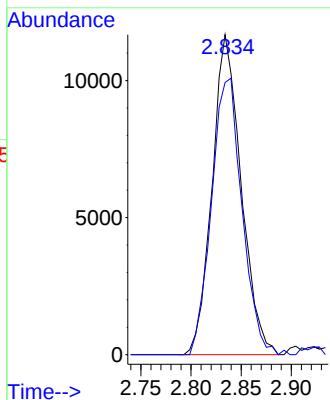
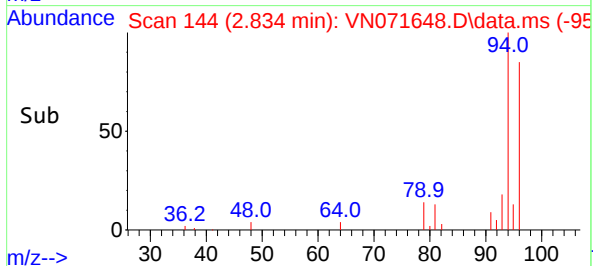
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



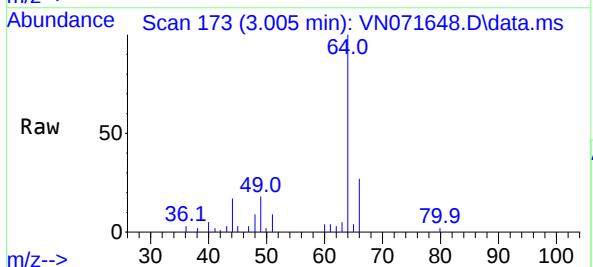
Tgt Ion: 94 Resp: 23478
Ion Ratio Lower Upper
94 100
96 85.1 76.0 114.0

Manual Integrations
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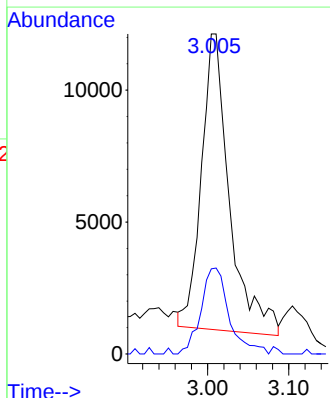
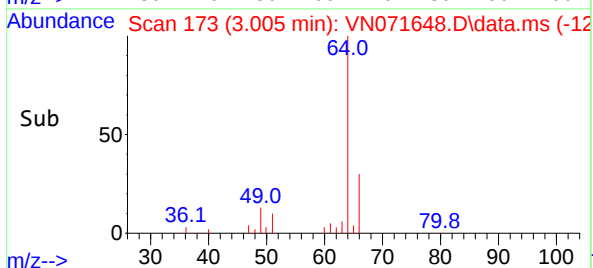
Reviewed By :John Carlone 03/31/2022
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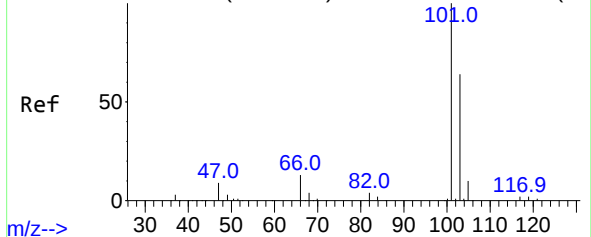
#6
Chloroethane
Concen: 5.266 ug/l
RT: 3.005 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion: 64 Resp: 26954
Ion Ratio Lower Upper
64 100
66 29.2 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 4.716 ug/l

RT: 3.375 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:101 Resp: 39990

Ion Ratio Lower Upper

101 100

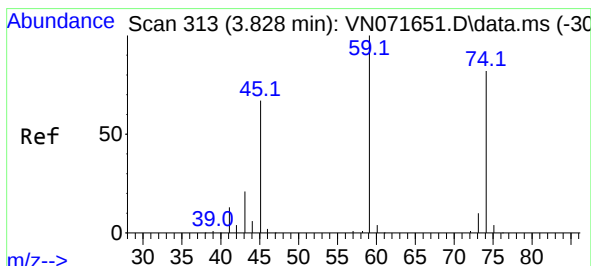
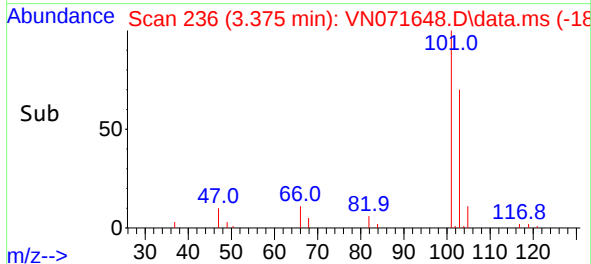
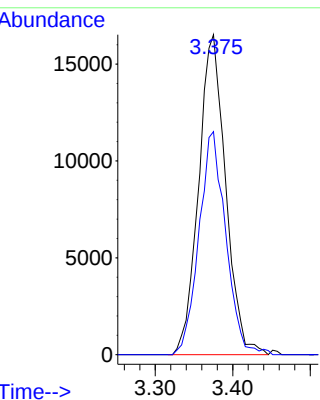
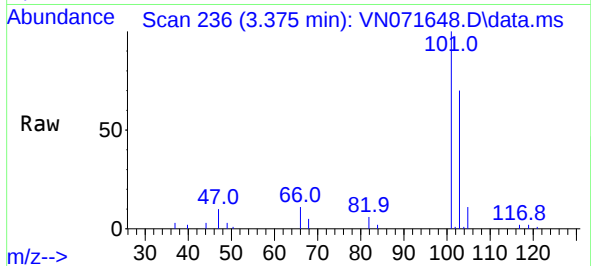
103 69.7 51.5 77.3

Manual Integrations

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Supervised By :Mahesh Dadoda 04/01/2022



#8

Diethyl Ether

Concen: 4.937 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN071648.D

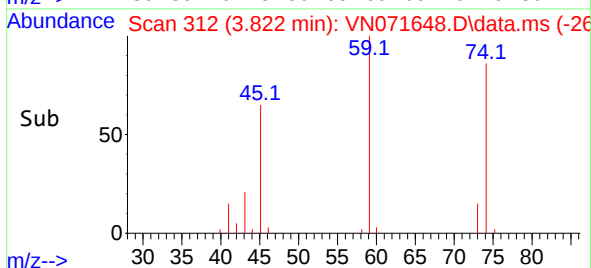
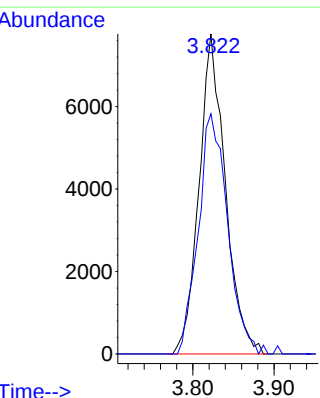
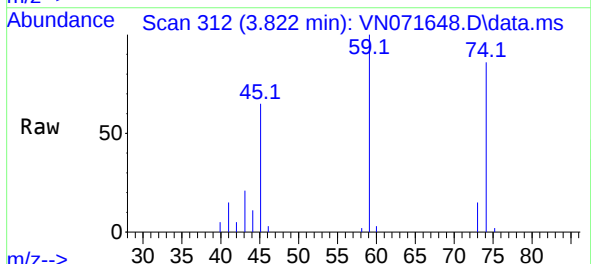
Acq: 30 Mar 2022 10:28

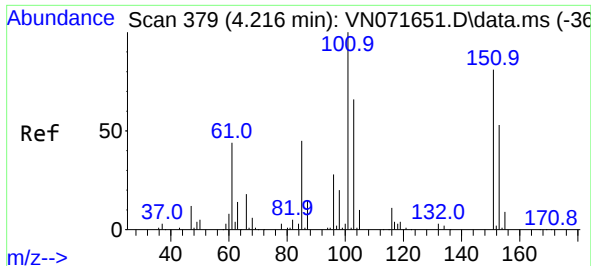
Tgt Ion: 74 Resp: 17450

Ion Ratio Lower Upper

74 100

45 83.8 42.9 128.5





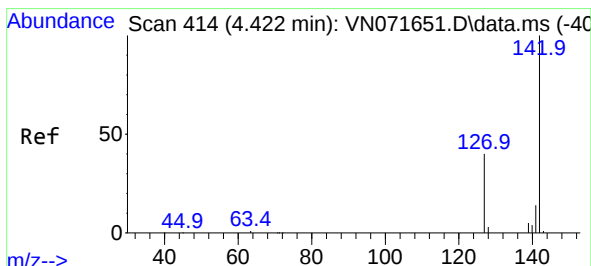
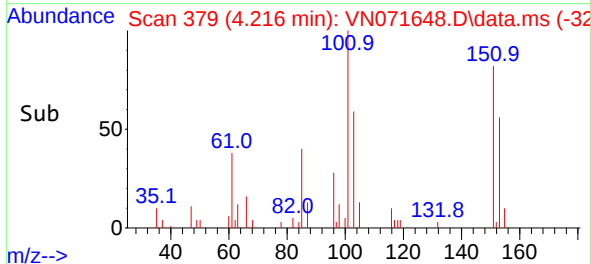
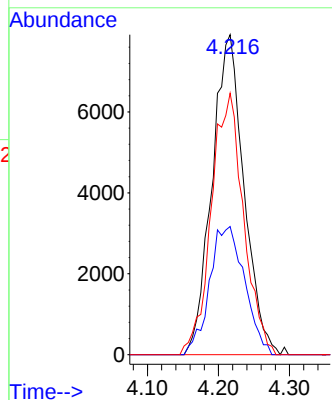
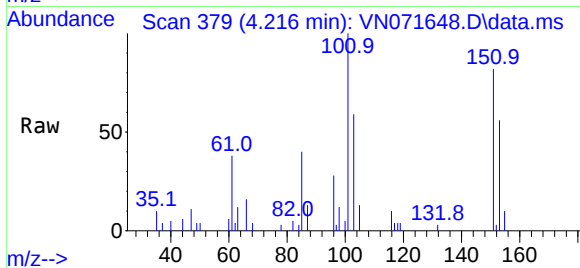
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.802 ug/l
RT: 4.216 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 2475
Ion Ratio Lower Upper
101 100
85 43.9 34.7 52.1
151 82.3 63.0 94.4

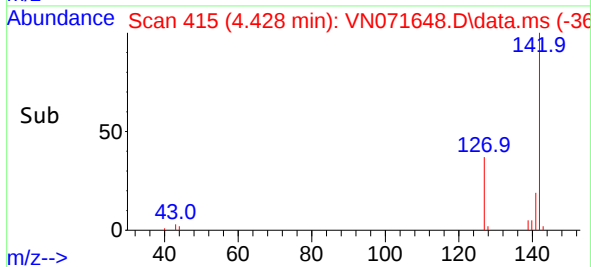
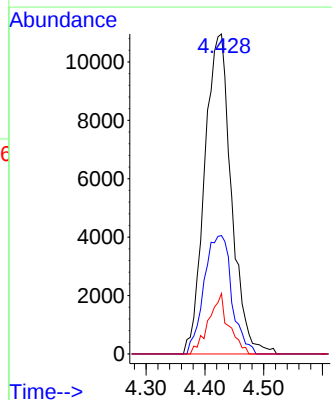
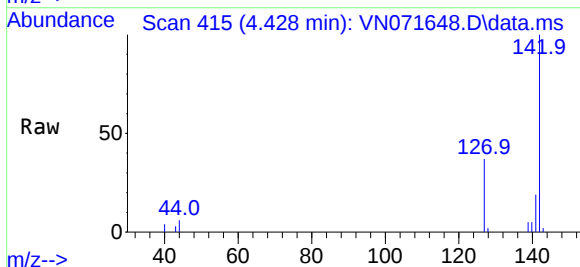
Manual Integrations
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Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#10
Methyl Iodide
Concen: 4.573 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:142 Resp: 34548
Ion Ratio Lower Upper
142 100
127 38.4 31.3 46.9
141 14.2 11.2 16.8





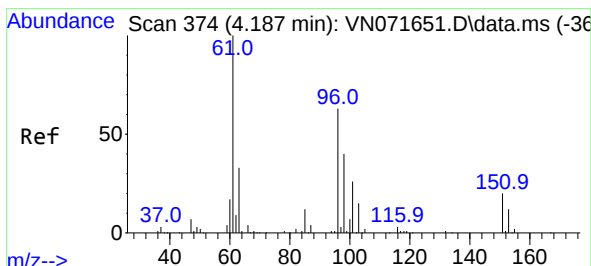
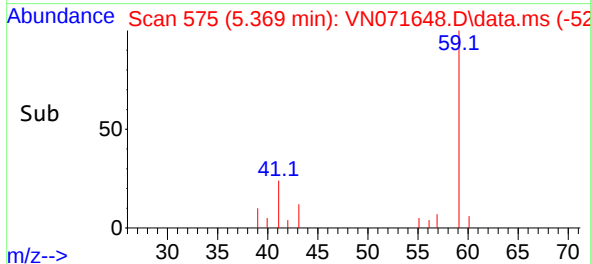
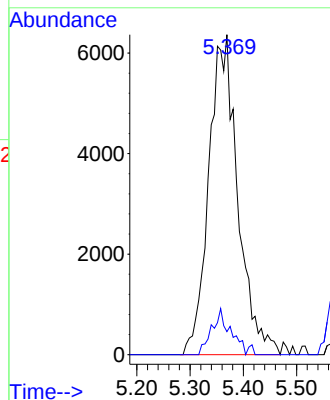
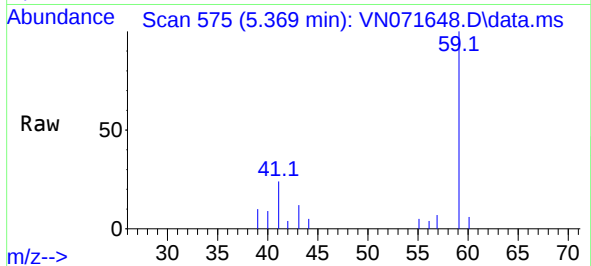
#11
Tert butyl alcohol
Concen: 20.460 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 24049
Ion Ratio Lower Upper
59 100
57 9.2 8.3 12.5

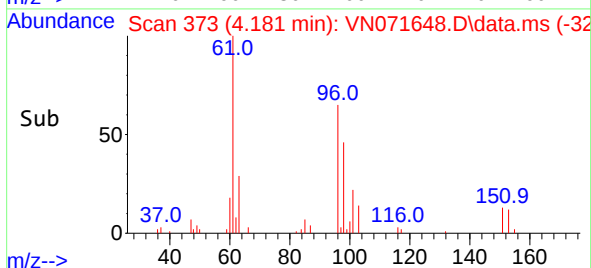
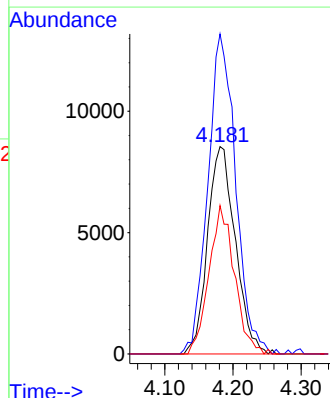
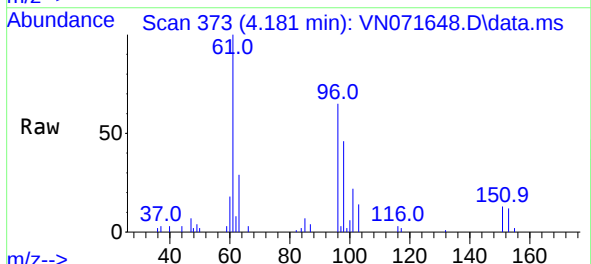
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#12
1,1-Dichloroethene
Concen: 4.872 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

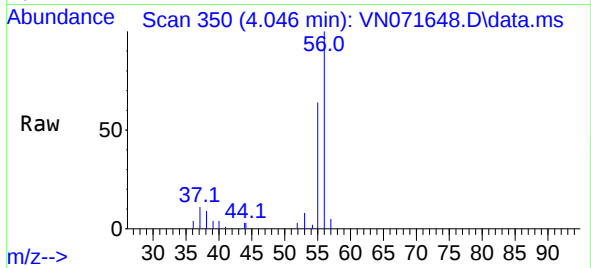
Tgt Ion: 96 Resp: 24223
Ion Ratio Lower Upper
96 100
61 154.3 127.6 191.4
98 71.5 51.2 76.8





#13
Acrolein
Concen: 27.979 ug/l
RT: 4.046 min Scan# 349
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

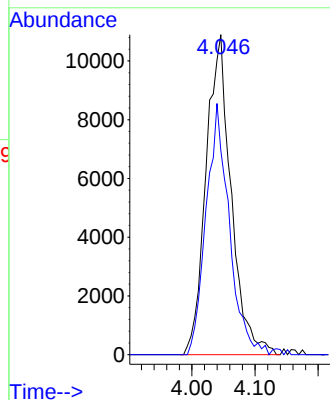
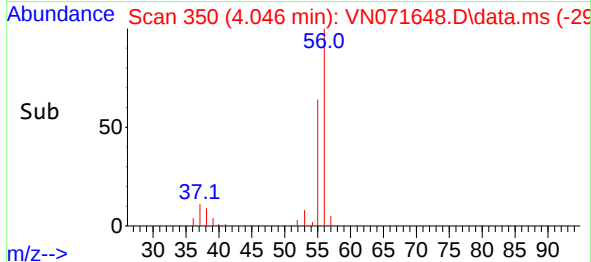
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



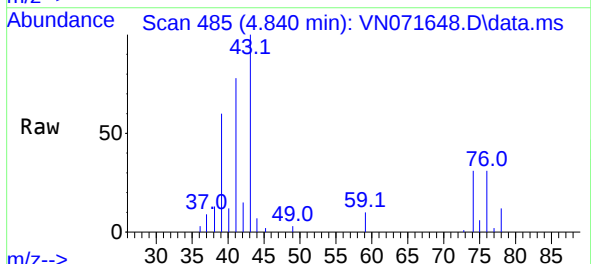
Tgt Ion: 56 Resp: 3003
Ion Ratio Lower Upper
56 100
55 72.4 54.8 82.2

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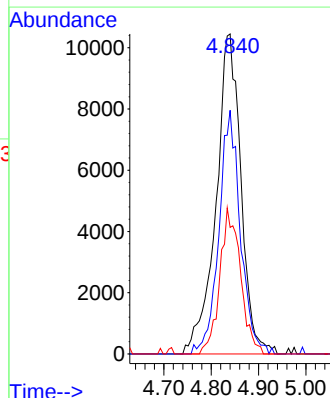
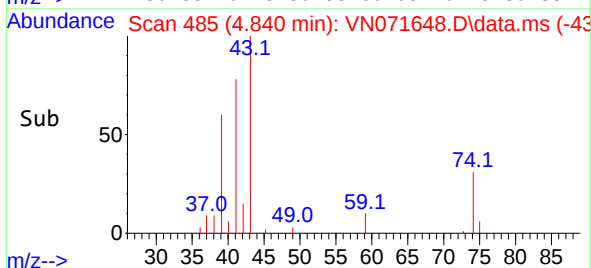
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#14
Allyl chloride
Concen: 4.791 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



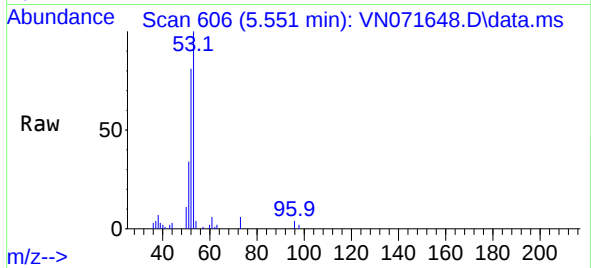
Tgt Ion: 41 Resp: 38248
Ion Ratio Lower Upper
41 100
39 65.6 53.2 79.8
76 37.7 29.9 44.9





#15
Acrylonitrile
Concen: 22.764 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

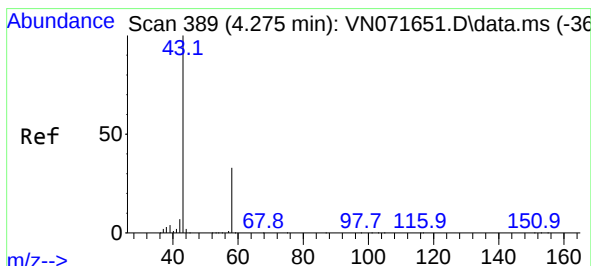
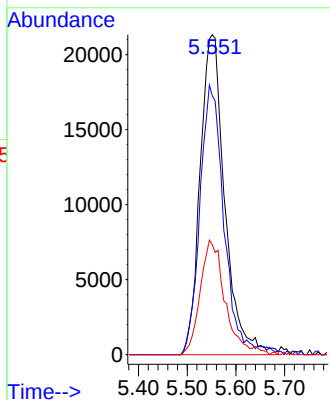
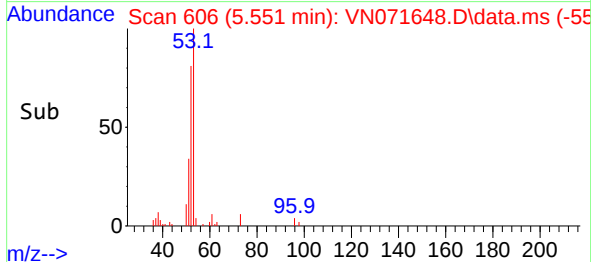
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 53 Resp: 7504
Ion Ratio Lower Upper
53 100
52 80.8 66.4 99.6
51 35.3 28.5 42.7

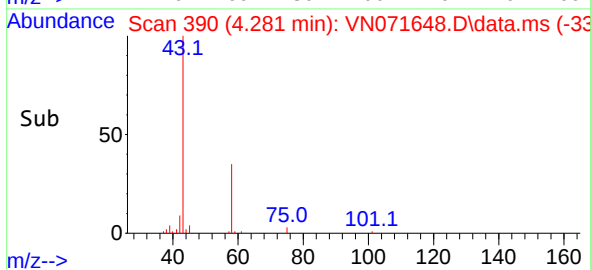
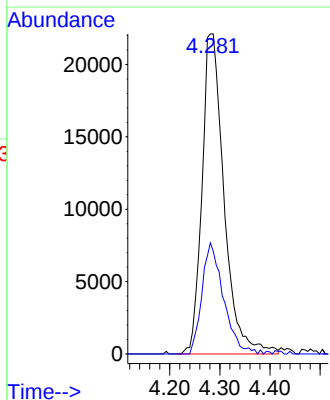
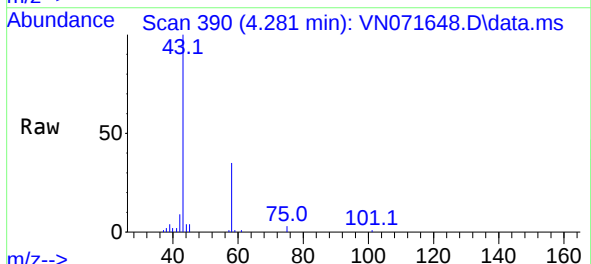
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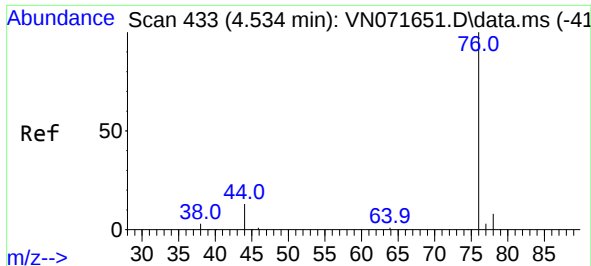
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#16
Acetone
Concen: 24.481 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 43 Resp: 67665
Ion Ratio Lower Upper
43 100
58 34.7 26.0 39.0





#17

Carbon Disulfide

Concen: 4.767 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 58638

Ion Ratio Lower Upper

76 100

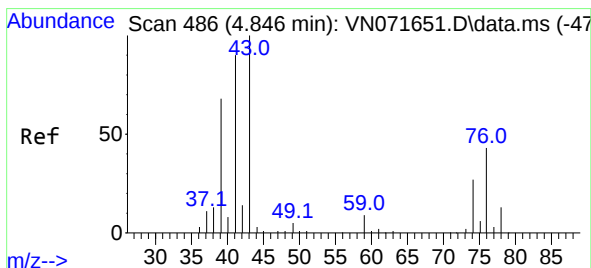
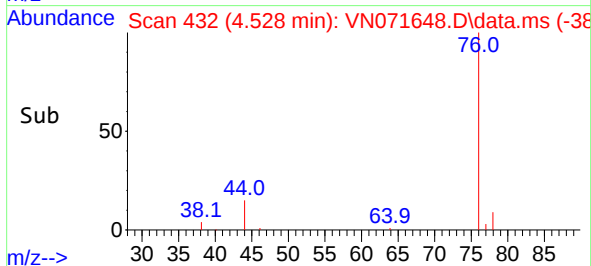
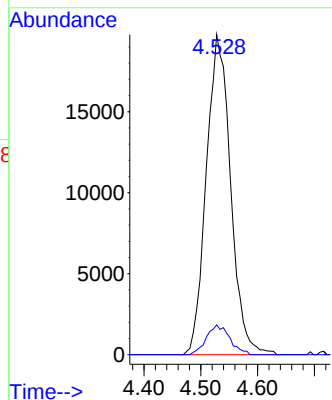
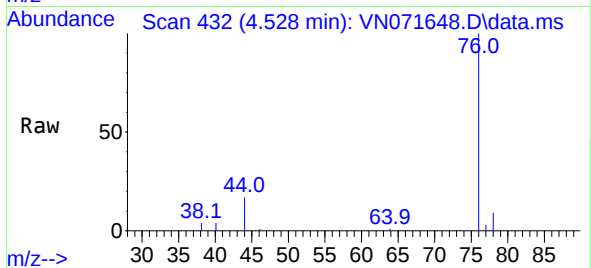
78 9.3 7.2 10.8

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#18

Methyl Acetate

Concen: 6.079 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN071648.D

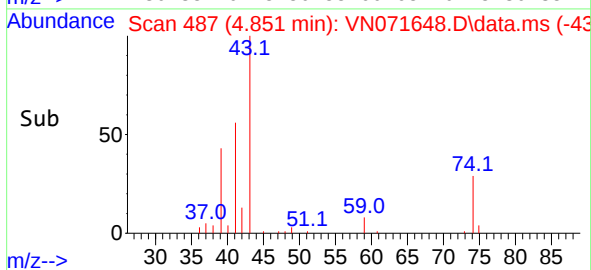
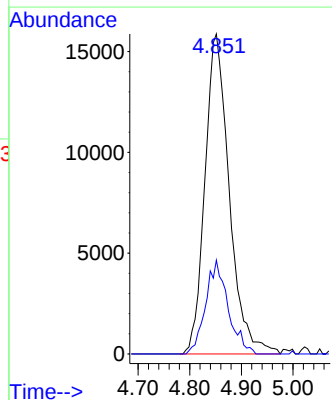
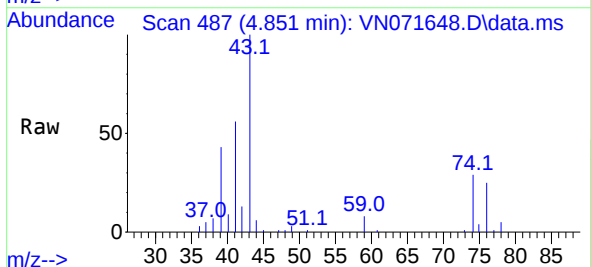
Acq: 30 Mar 2022 10:28

Tgt Ion: 43 Resp: 51977

Ion Ratio Lower Upper

43 100

74 26.9 21.6 32.4





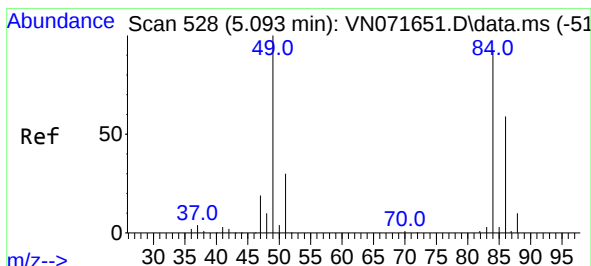
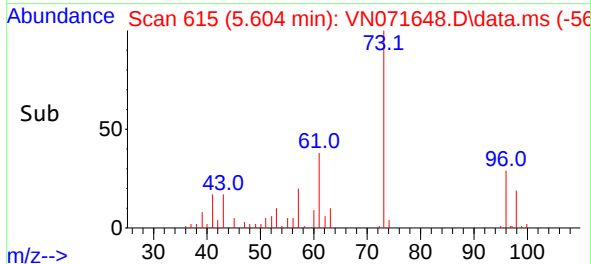
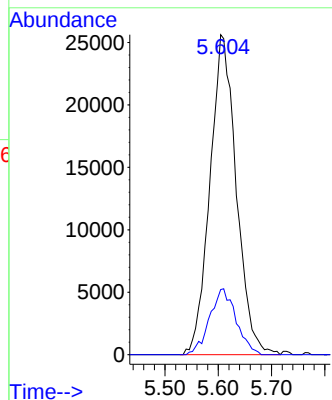
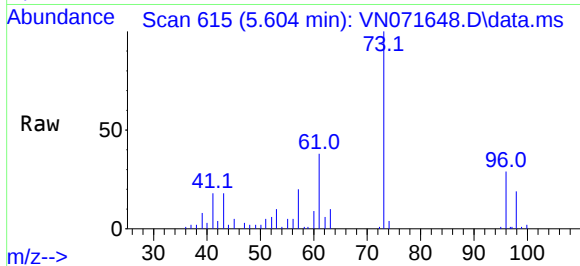
#19
Methyl tert-butyl Ether
Concen: 4.818 ug/l
RT: 5.604 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 8814
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

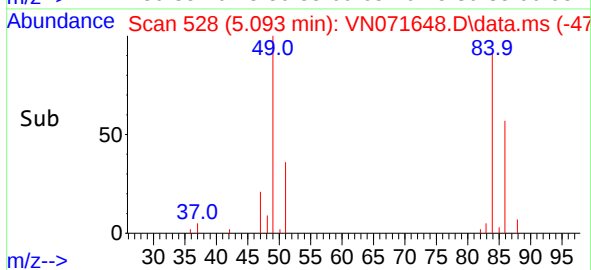
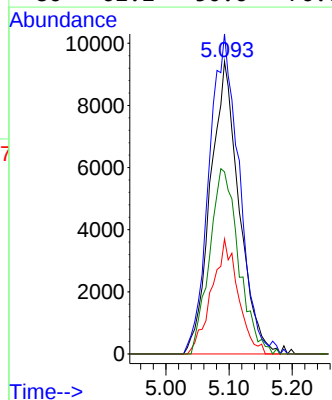
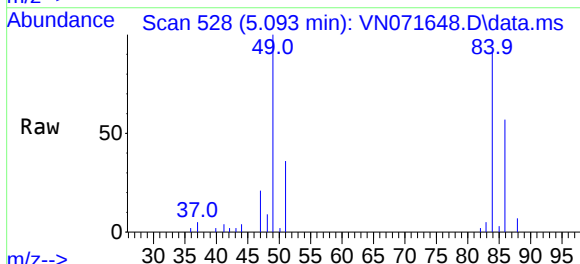
Manual Integrations
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Supervised By :Mahesh Dadoda 04/01/2022



#20
Methylene Chloride
Concen: 4.873 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 84 Resp: 29606
Ion Ratio Lower Upper
84 100
49 109.4 88.3 132.5
51 39.3 28.2 42.2
86 62.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 5.039 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

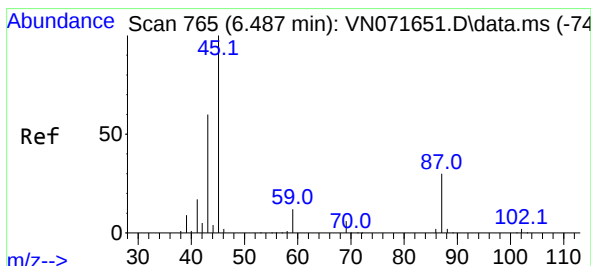
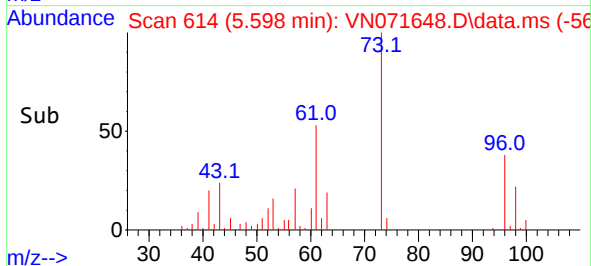
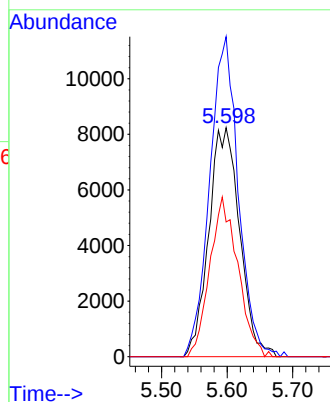
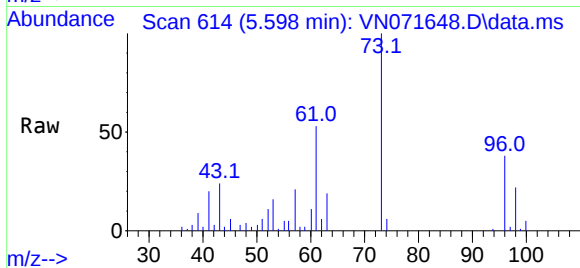
VSTDIC005

Tgt Ion: 96 Resp: 2693
Ion Ratio Lower Upper
96 100
61 139.7 105.8 158.8
98 58.8 50.3 75.5

Manual Integrations

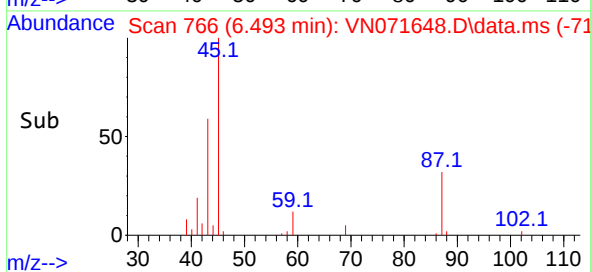
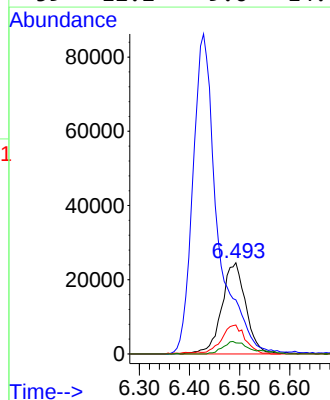
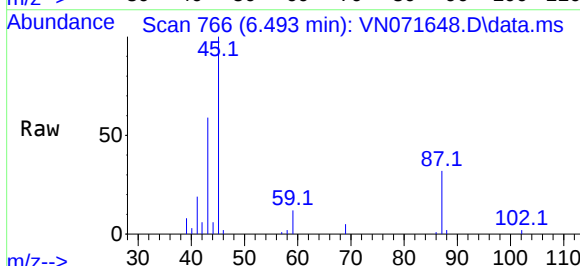
APPROVED

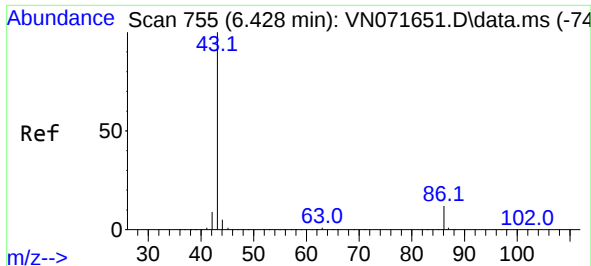
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#22
Diisopropyl ether
Concen: 4.768 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 45 Resp: 81542
Ion Ratio Lower Upper
45 100
43 57.1 46.6 70.0
87 31.8 24.3 36.5
59 12.2 9.6 14.4





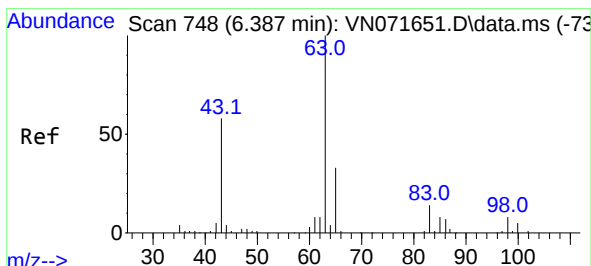
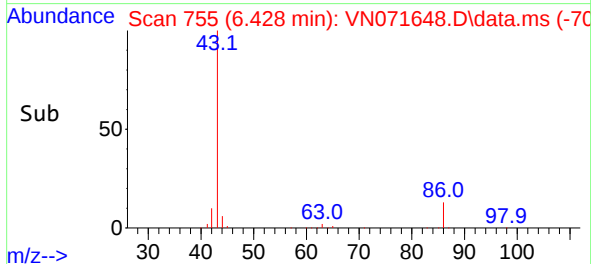
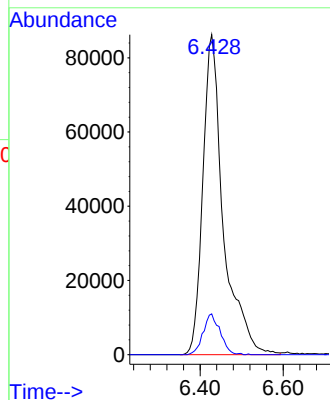
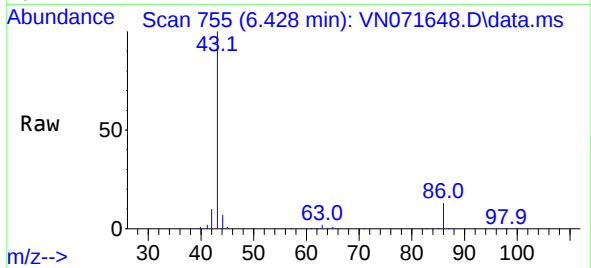
#23
 Vinyl Acetate
 Concen: 20.507 ug/l
 RT: 6.428 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071648.D
 Acq: 30 Mar 2022 10:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion: 43 Resp: 29543
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

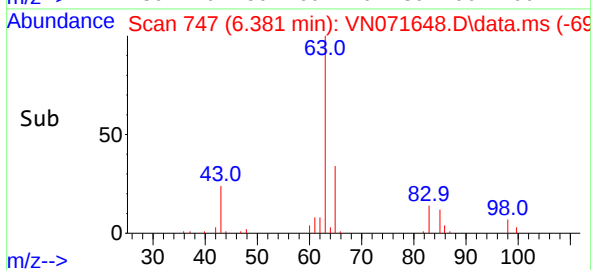
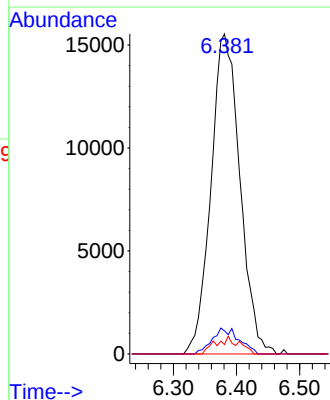
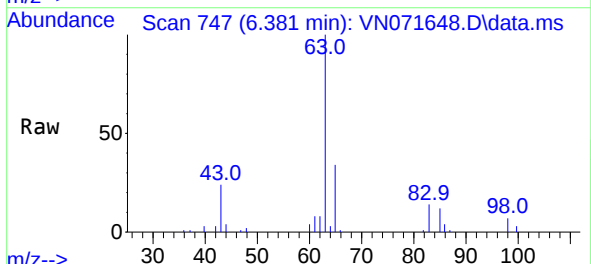
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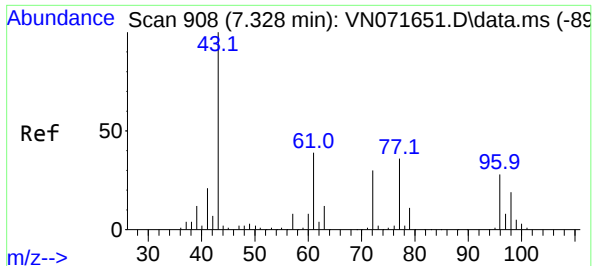
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#24
 1,1-Dichloroethane
 Concen: 4.868 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071648.D
 Acq: 30 Mar 2022 10:28

Tgt Ion: 63 Resp: 49469
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 2.9 2.3 6.8





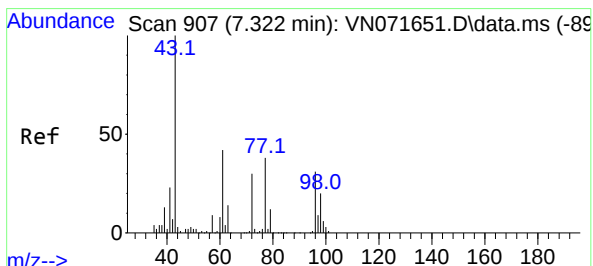
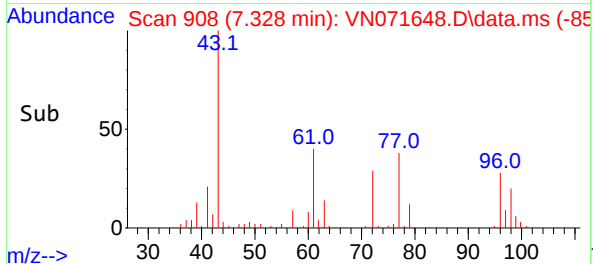
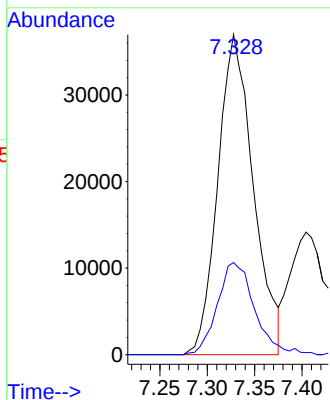
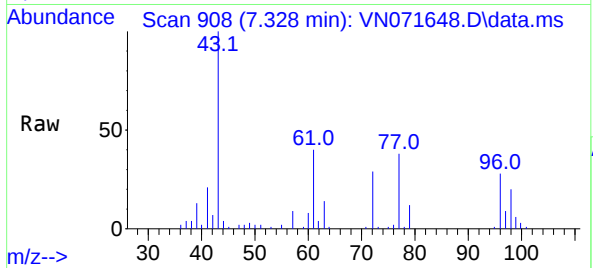
#25
2-Butanone
Concen: 22.584 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 9658
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5

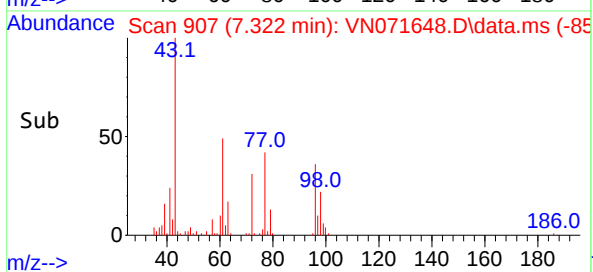
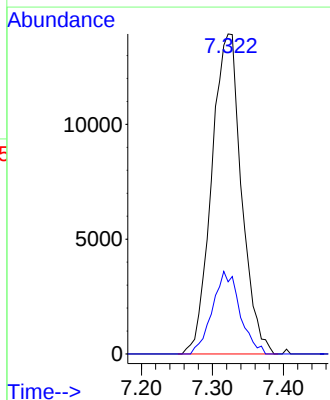
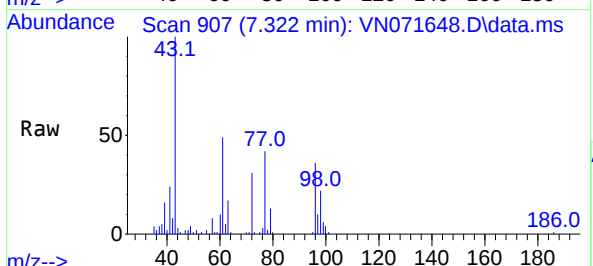
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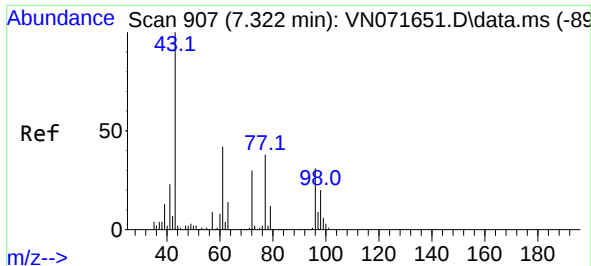
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#26
2,2-Dichloropropane
Concen: 4.650 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

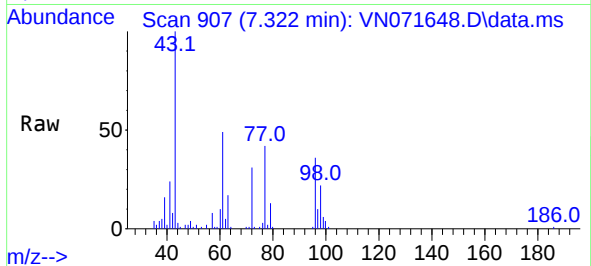
Tgt Ion: 77 Resp: 40626
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 4.723 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

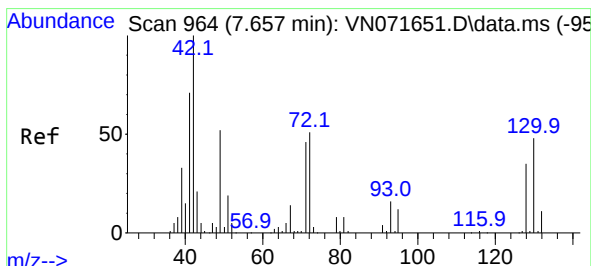
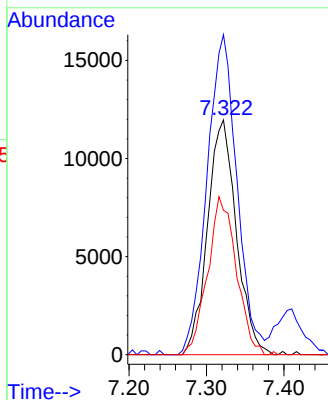
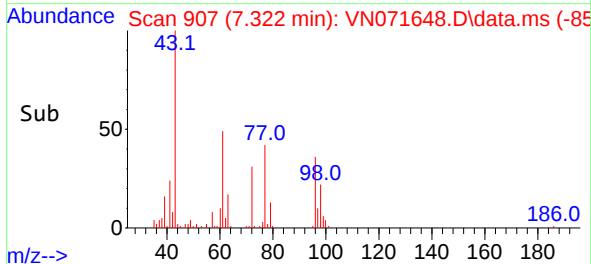
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



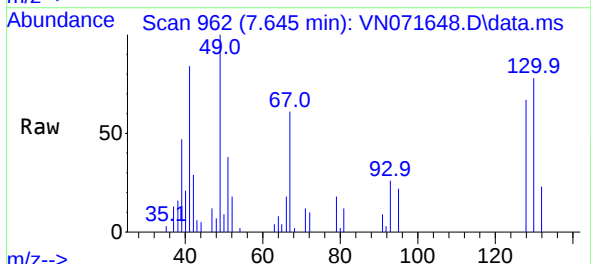
Tgt Ion: 96 Resp: 31089
Ion Ratio Lower Upper
96 100
61 141.5 0.0 280.6
98 66.6 0.0 128.4

Manual Integrations
APPROVED

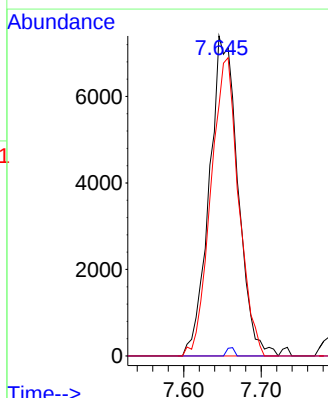
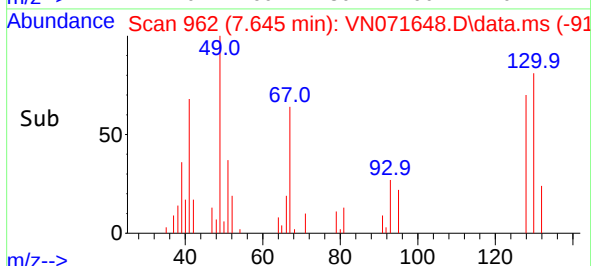
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#28
Bromochloromethane
Concen: 4.713 ug/l
RT: 7.645 min Scan# 962
Delta R.T. -0.012 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion: 49 Resp: 18971
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.6
130 90.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 22.650 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 42 Resp: 6300

Ion Ratio Lower Upper

42 100

72 46.6 39.7 59.5

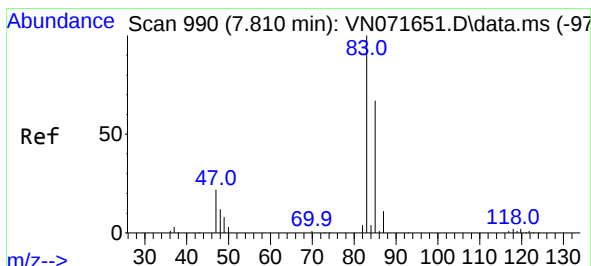
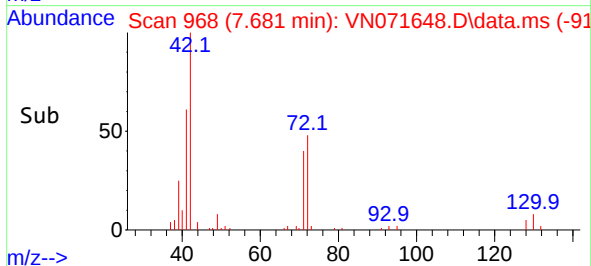
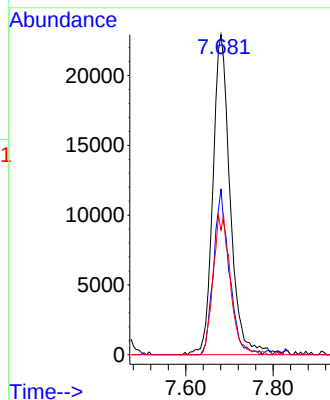
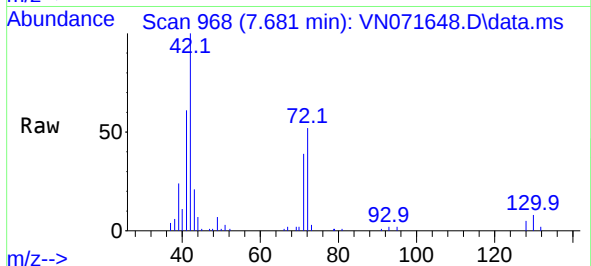
71 43.4 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#30

Chloroform

Concen: 4.931 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN071648.D

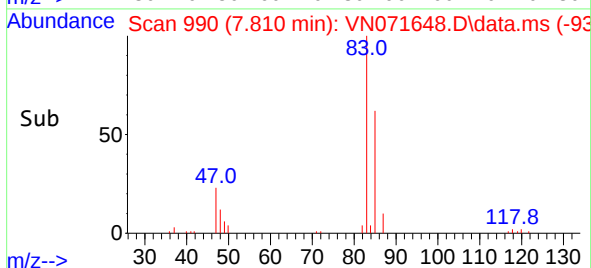
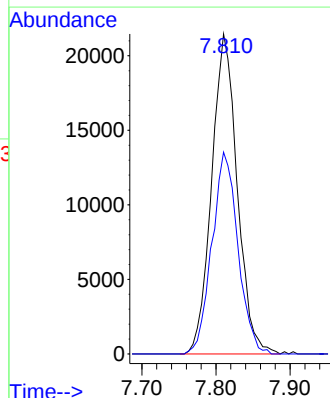
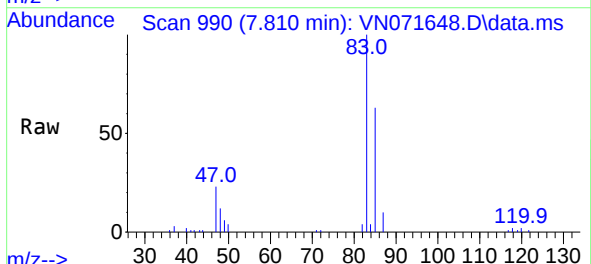
Acq: 30 Mar 2022 10:28

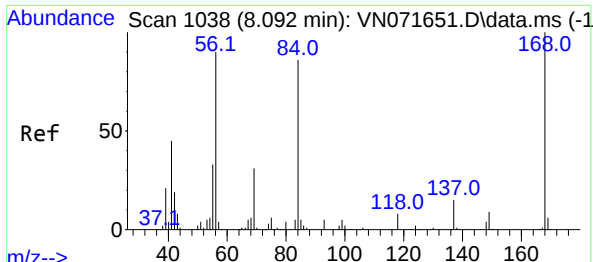
Tgt Ion: 83 Resp: 51442

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.8





#31

Cyclohexane

Concen: 5.627 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 56 Resp: 5226

Ion Ratio Lower Upper

56 100

69 52.0 27.8 41.8

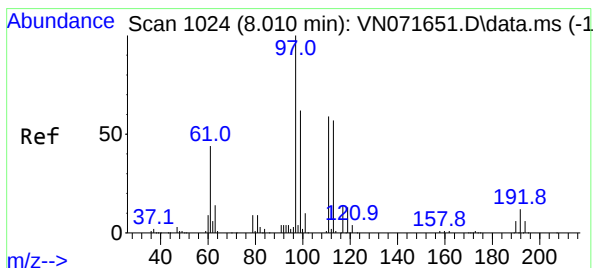
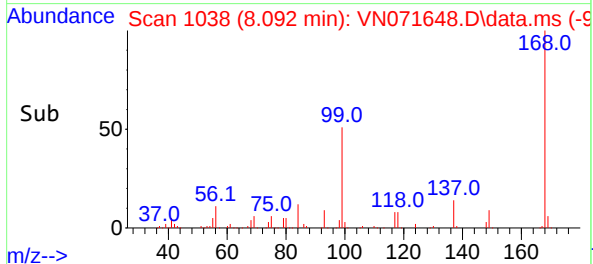
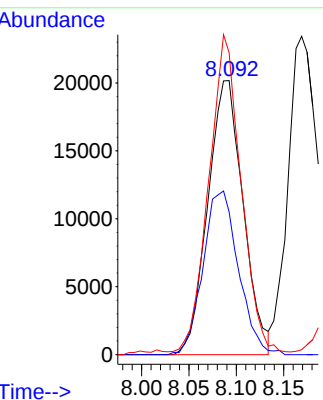
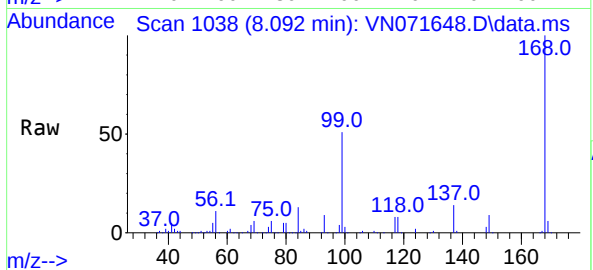
84 109.1 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#32

1,1,1-Trichloroethane

Concen: 4.875 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

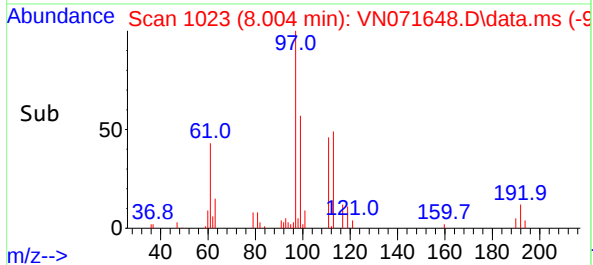
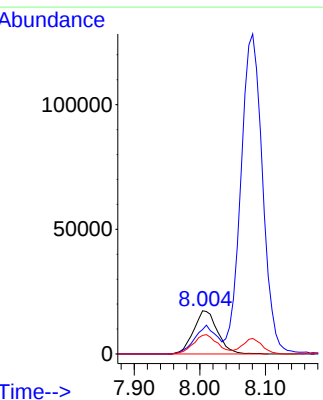
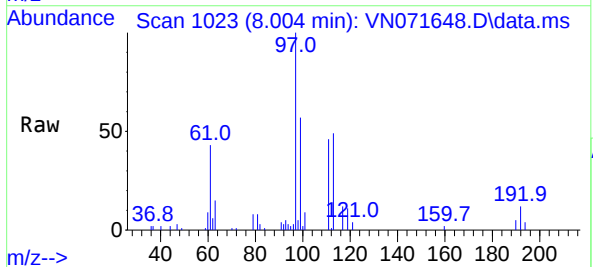
Tgt Ion: 97 Resp: 44027

Ion Ratio Lower Upper

97 100

99 60.0 50.6 76.0

61 44.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 4.983 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

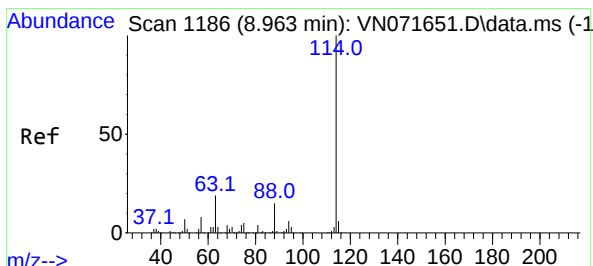
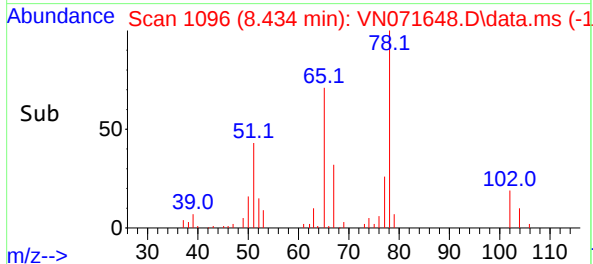
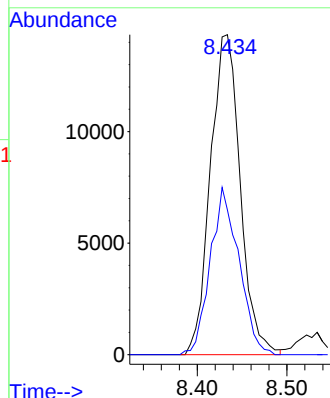
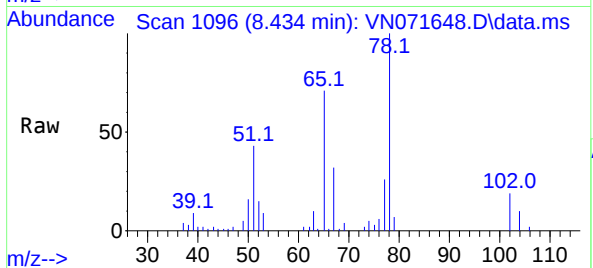
VSTDIC005

Tgt Ion: 65 Resp: 3314
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.8

Manual Integrations

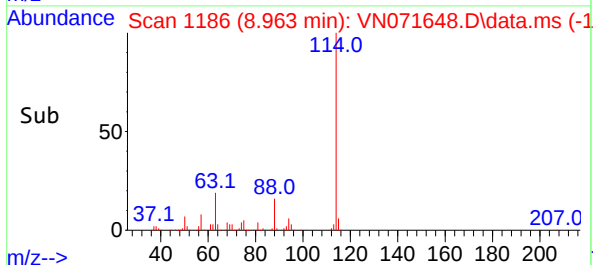
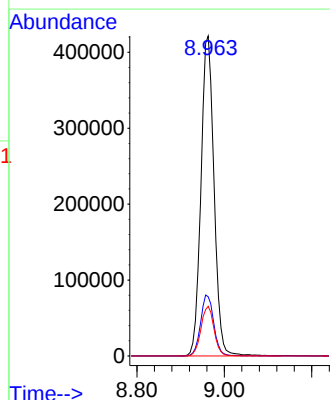
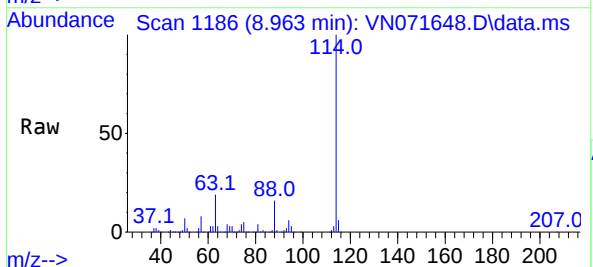
APPROVED

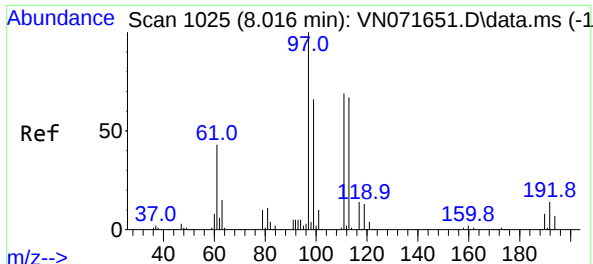
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

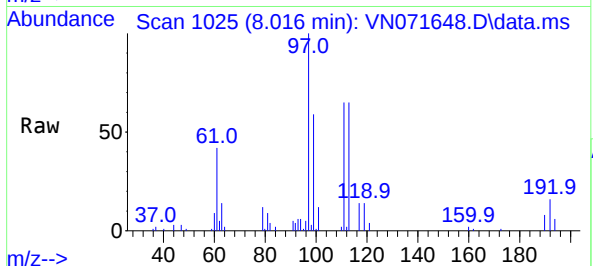
Tgt Ion:114 Resp: 878169
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 4.678 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

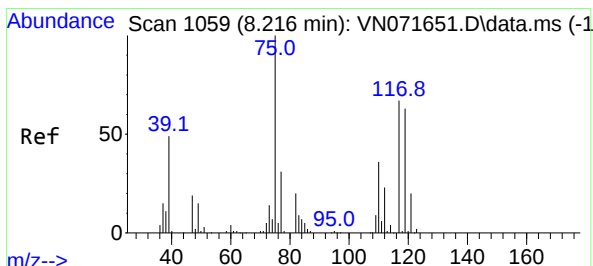
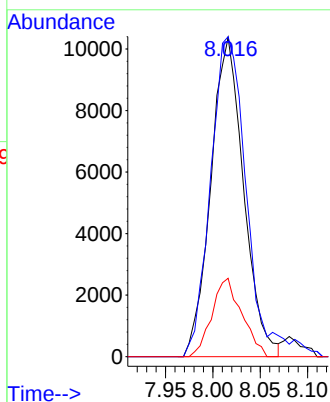
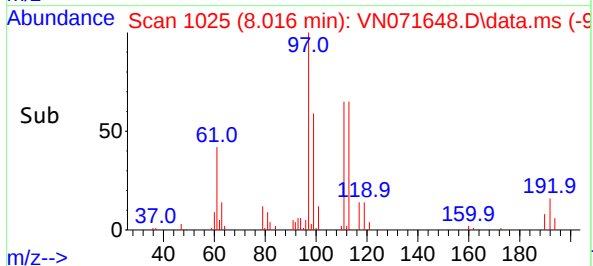
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



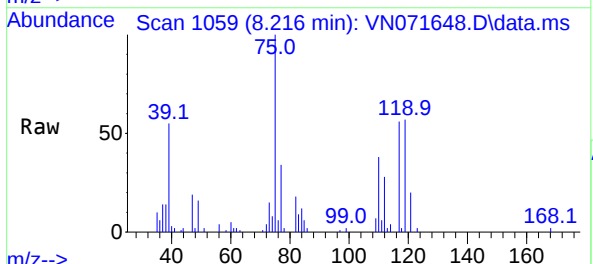
Tgt Ion: 113 Resp: 25010
Ion Ratio Lower Upper
113 100
111 110.1 81.4 122.0
192 22.5 17.0 25.6

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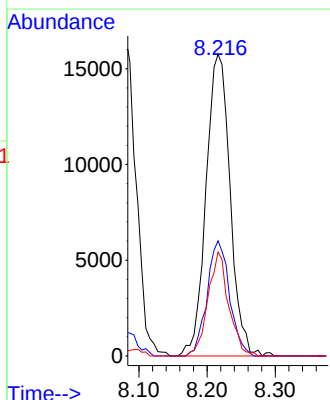
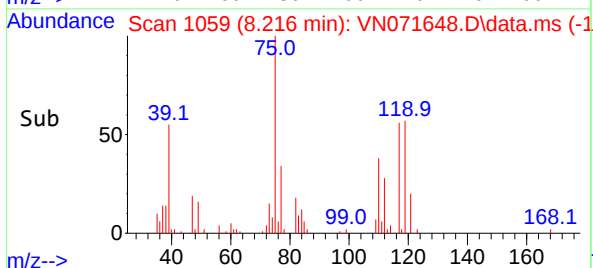
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

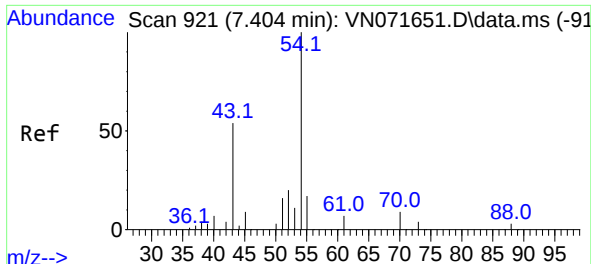


#36
1,1-Dichloropropene
Concen: 5.024 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



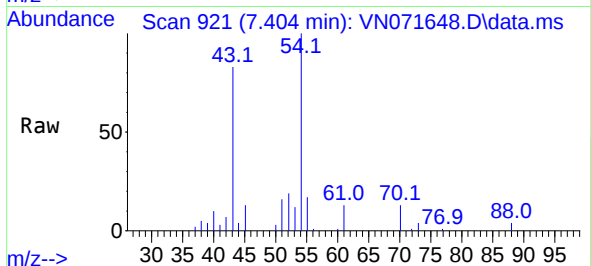
Tgt Ion: 75 Resp: 38770
Ion Ratio Lower Upper
75 100
110 35.7 18.3 54.8
77 29.6 25.1 37.7





#37
Ethyl Acetate
Concen: 4.468 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

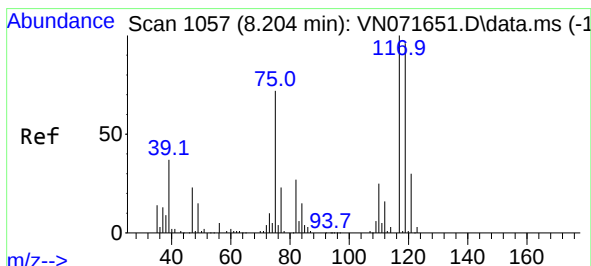
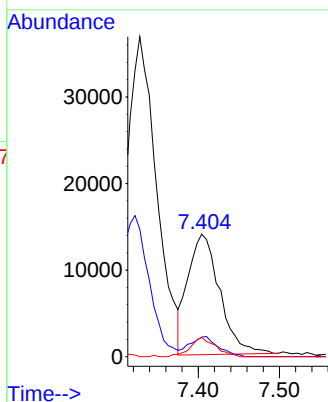
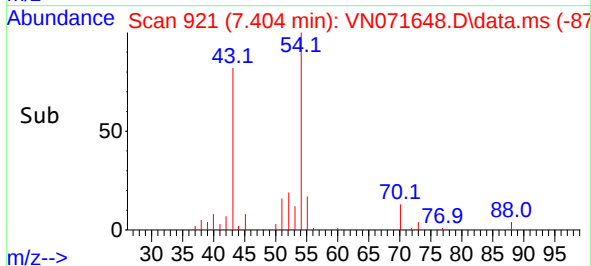
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



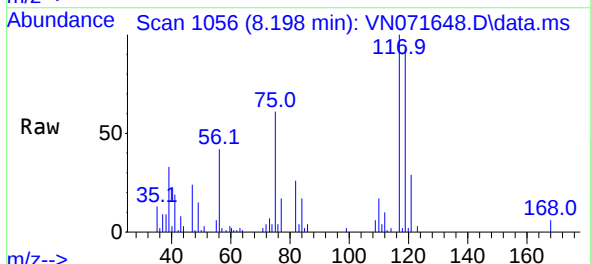
Tgt Ion: 43 Resp: 3796
Ion Ratio Lower Upper
43 100
61 14.9 11.8 17.6
70 12.5 9.3 13.9

Manual Integrations
APPROVED

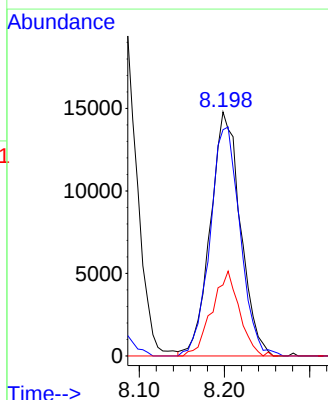
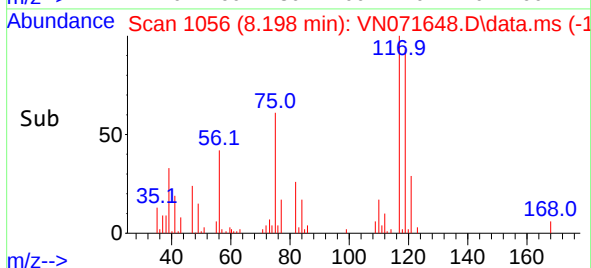
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#38
Carbon Tetrachloride
Concen: 4.756 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion:117 Resp: 36281
Ion Ratio Lower Upper
117 100
119 92.7 75.8 113.8
121 29.1 24.6 37.0





#39

Methylcyclohexane

Concen: 4.762 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 4531

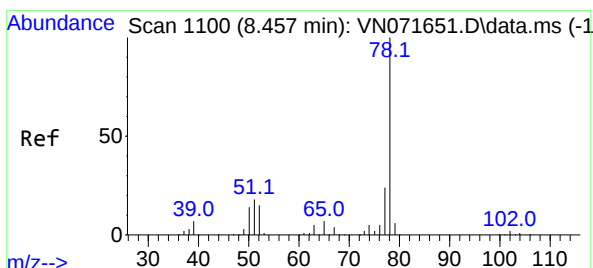
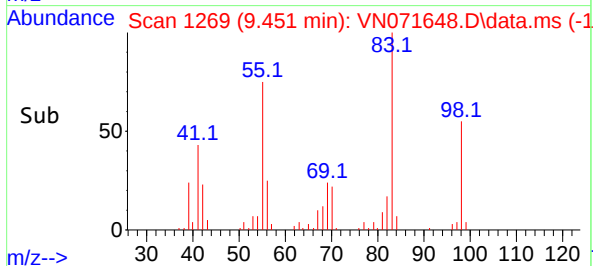
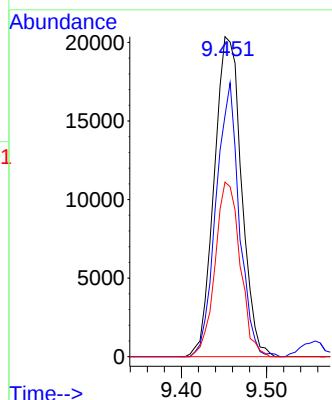
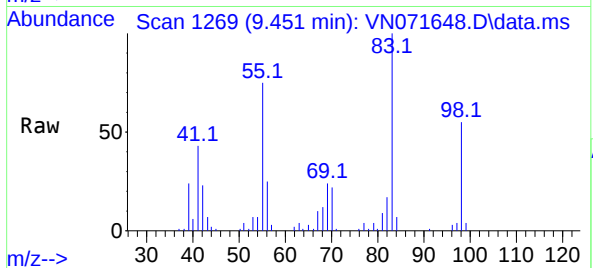
Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.8	86.8
98	54.6	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#40

Benzene

Concen: 5.062 ug/l

RT: 8.451 min Scan# 1099

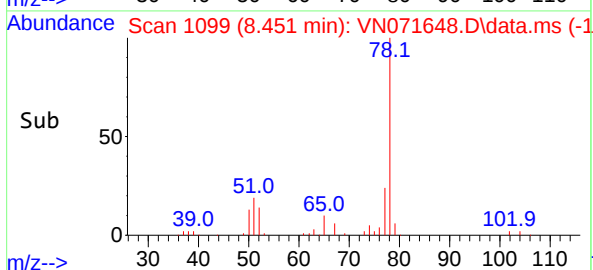
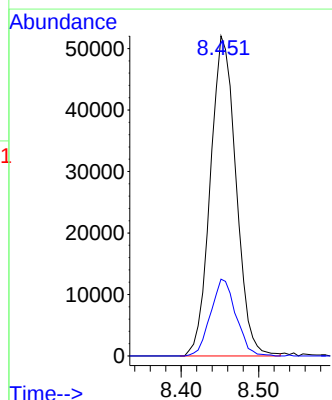
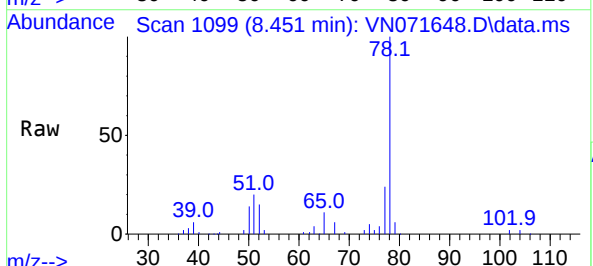
Delta R.T. -0.006 min

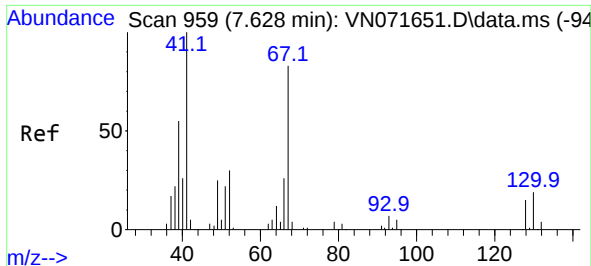
Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Tgt Ion: 78 Resp: 119943

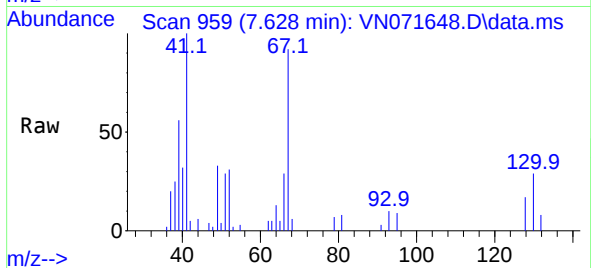
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.4	29.0





#41
Methacrylonitrile
Concen: 4.724 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

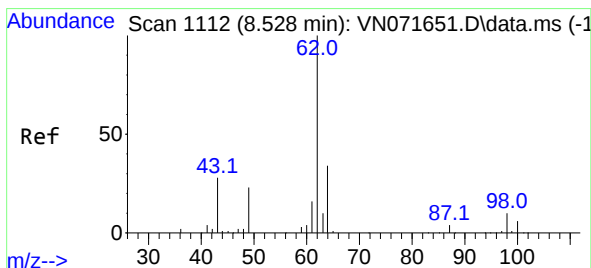
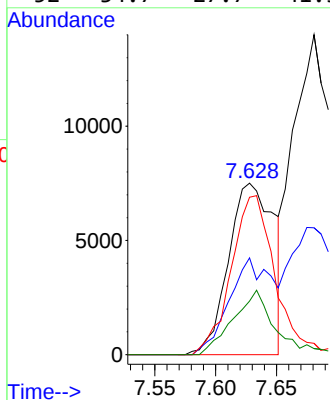
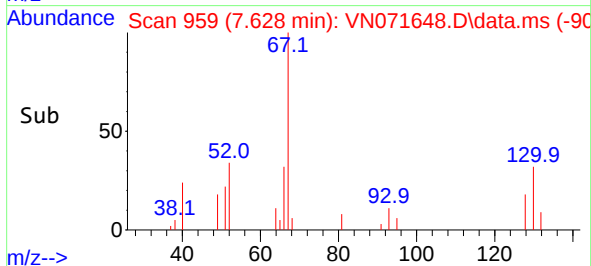
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



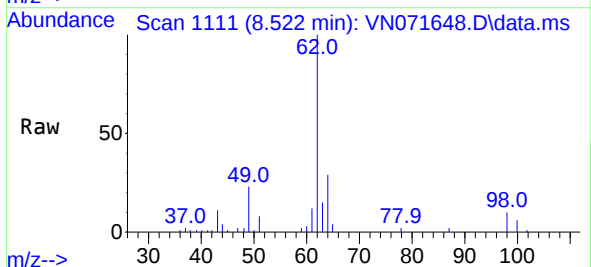
Tgt Ion: 41 Resp: 19440
Ion Ratio Lower Upper
41 100
39 53.9 48.6 73.0
67 89.6 73.4 110.2
52 34.7 27.7 41.5

Manual Integrations
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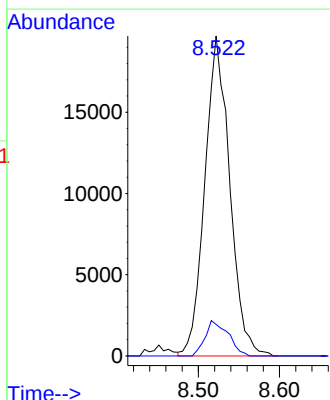
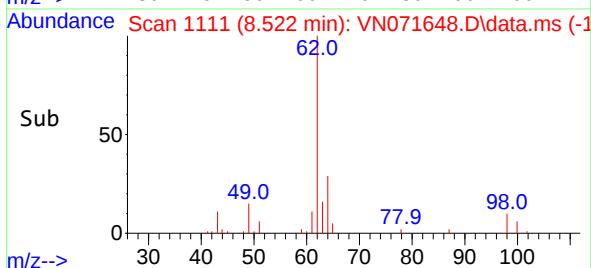
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#42
1,2-Dichloroethane
Concen: 5.132 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion: 62 Resp: 42019
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.4





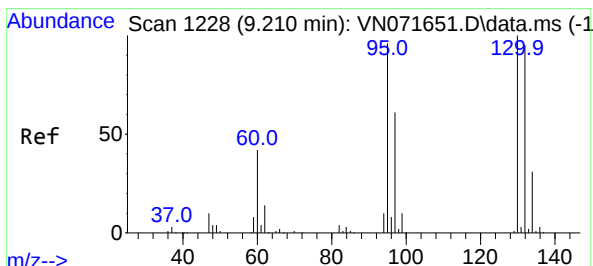
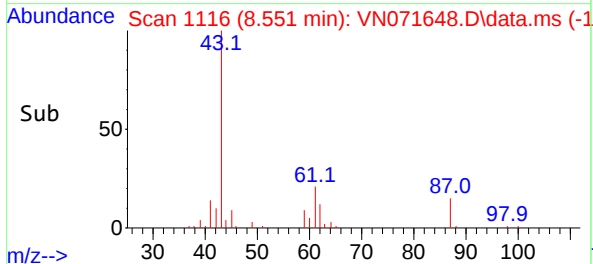
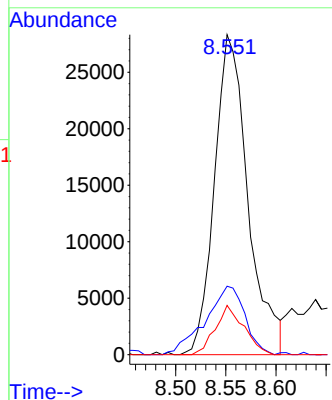
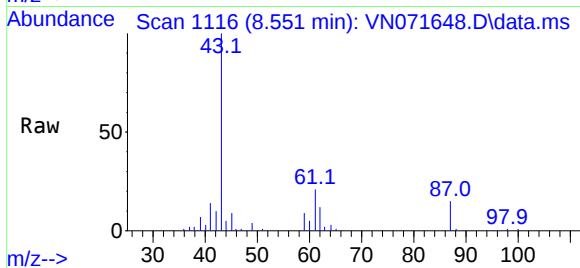
#43
Isopropyl Acetate
Concen: 4.402 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 65814
Ion Ratio Lower Upper
43 100
61 25.3 21.9 32.9
87 13.1 12.0 18.0

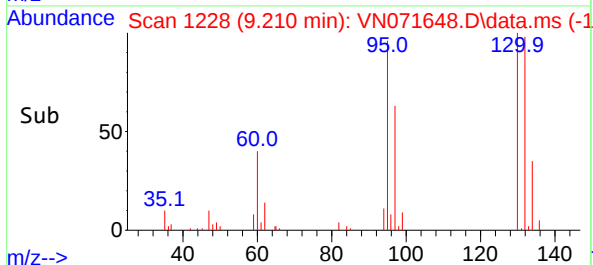
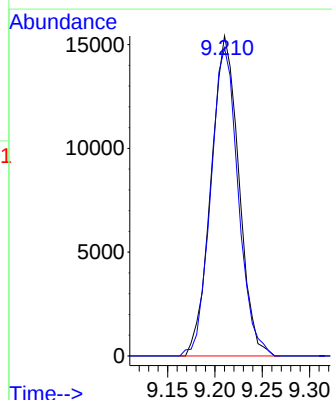
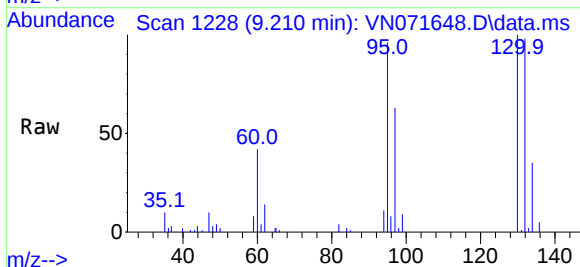
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#44
Trichloroethene
Concen: 5.044 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:130 Resp: 31500
Ion Ratio Lower Upper
130 100
95 96.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 4.875 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 28520

Ion Ratio Lower Upper

63 100

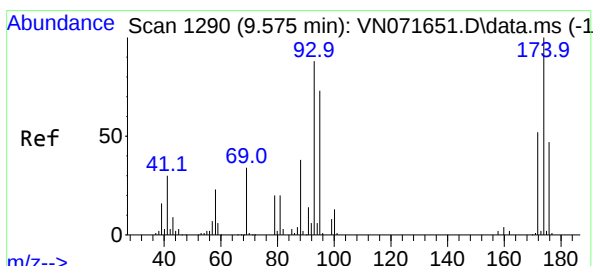
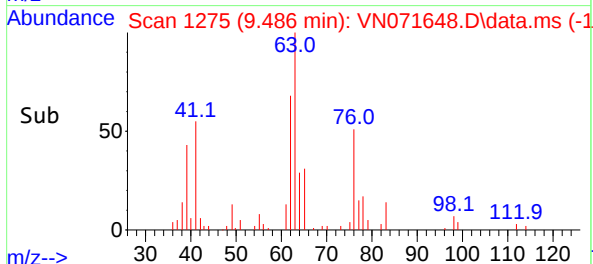
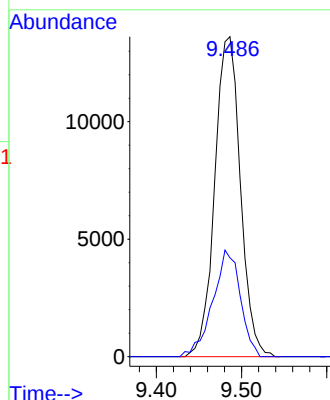
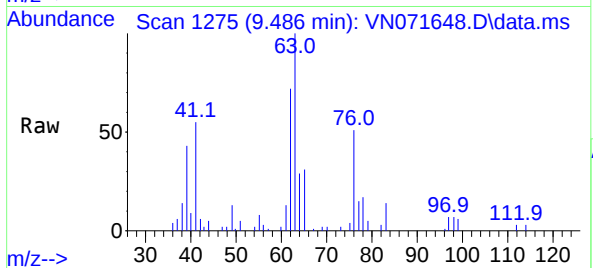
65 30.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#46

Dibromomethane

Concen: 4.967 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

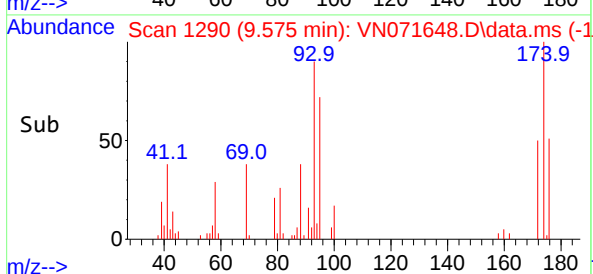
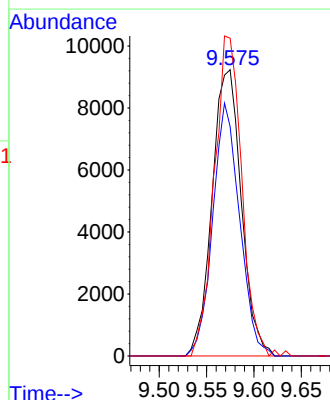
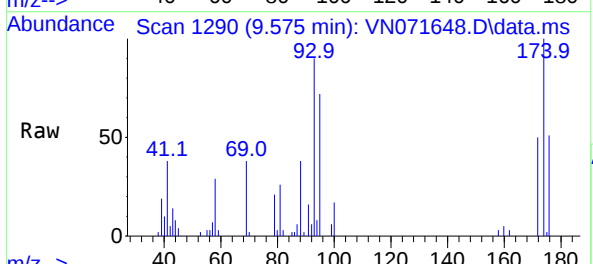
Tgt Ion: 93 Resp: 19879

Ion Ratio Lower Upper

93 100

95 81.0 66.9 100.3

174 104.8 86.6 130.0





#47
Bromodichloromethane
Concen: 4.716 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

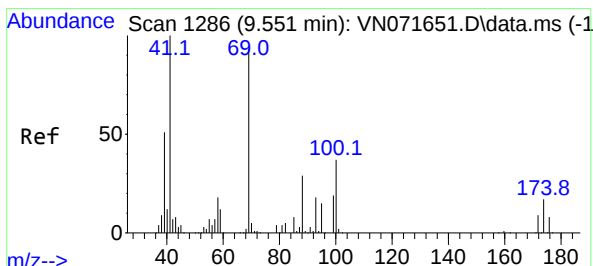
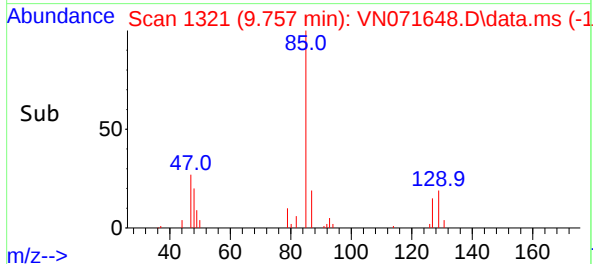
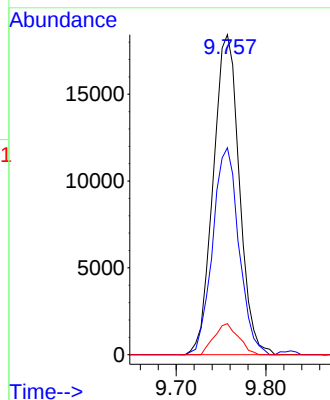
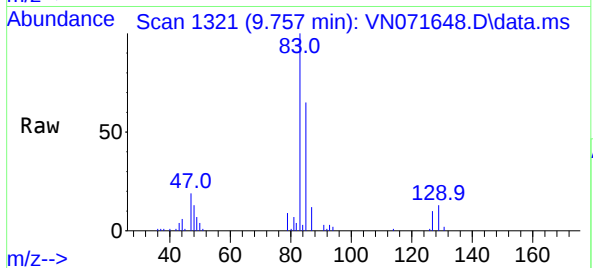
VSTDIC005

Tgt Ion: 83 Resp: 37204
Ion Ratio Lower Upper
83 100
85 64.6 50.5 75.7
127 9.7 6.8 10.2

Manual Integrations

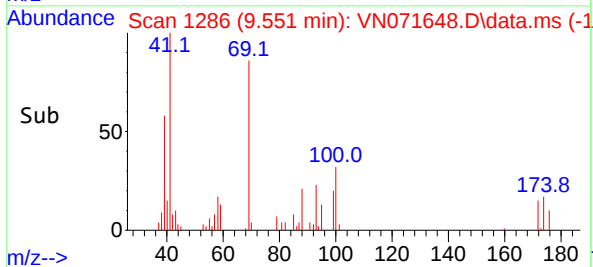
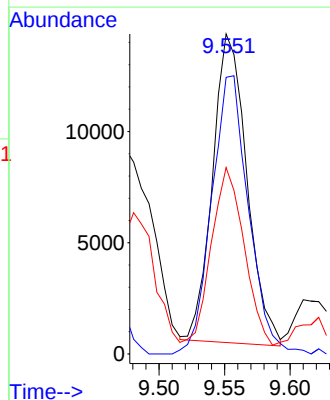
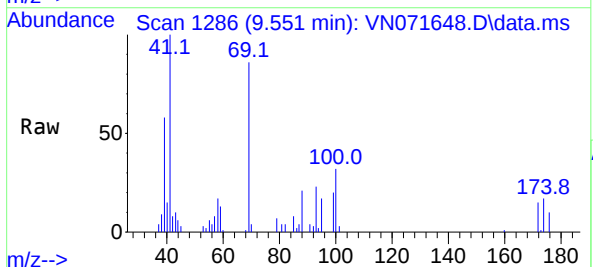
APPROVED

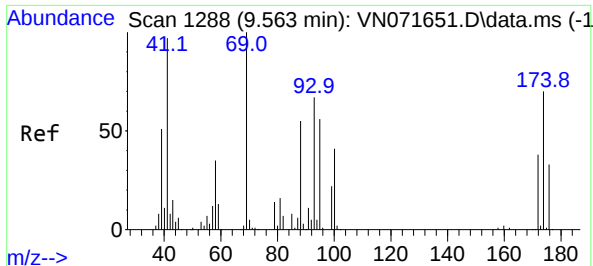
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#48
Methyl methacrylate
Concen: 4.184 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 41 Resp: 25215
Ion Ratio Lower Upper
41 100
69 97.1 74.7 112.1
39 55.9 45.6 68.4





#49

1,4-Dioxane

Concen: 82.502 ug/l

RT: 9.563 min Scan# 11084

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 88 Resp: 11084

Ion Ratio Lower Upper

88 100

43 31.6 20.2 30.4

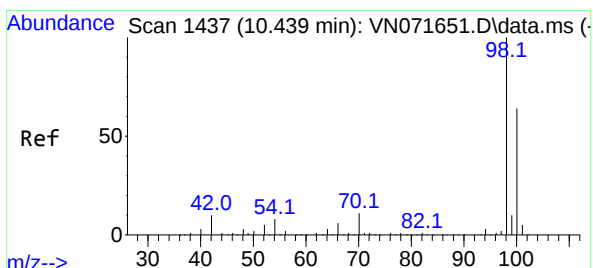
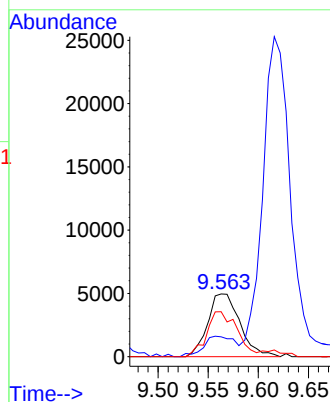
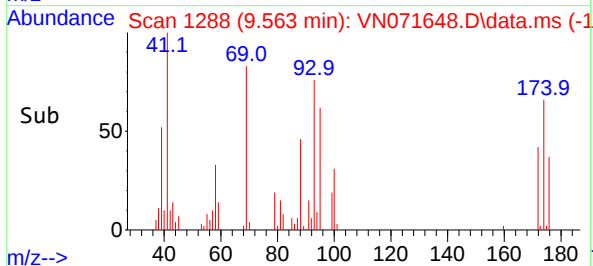
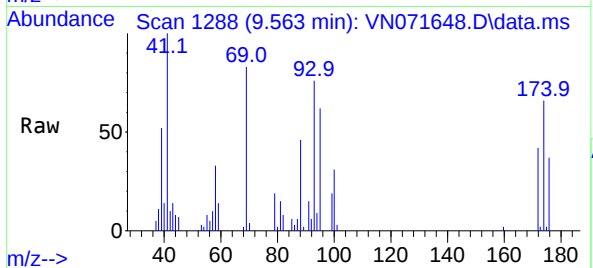
58 67.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#50

Toluene-d8

Concen: 4.837 ug/l

RT: 10.433 min Scan# 1436

Delta R.T. -0.006 min

Lab File: VN071648.D

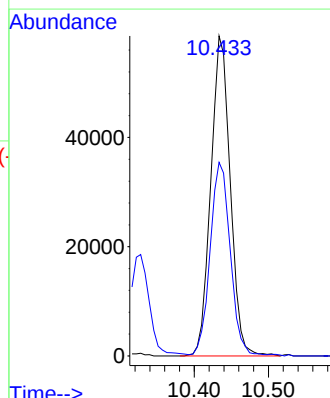
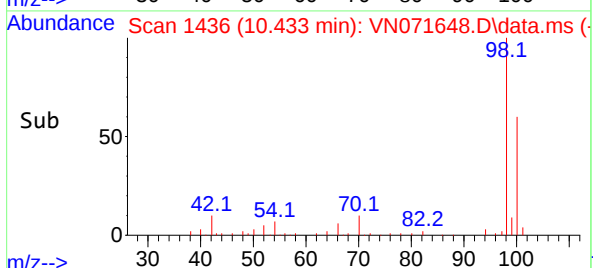
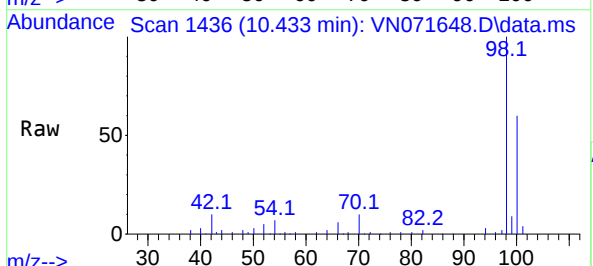
Acq: 30 Mar 2022 10:28

Tgt Ion: 98 Resp: 106688

Ion Ratio Lower Upper

98 100

100 61.7 52.6 78.8





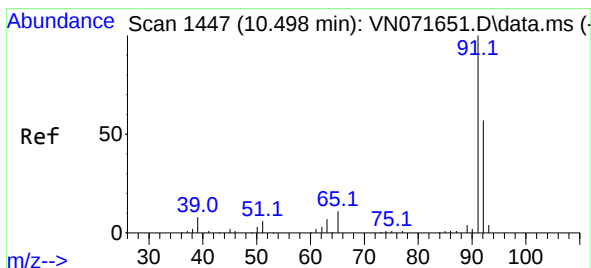
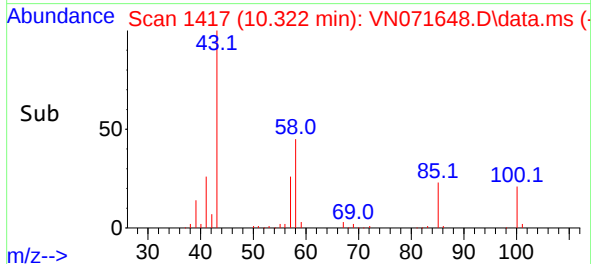
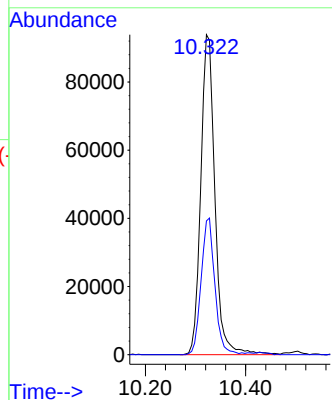
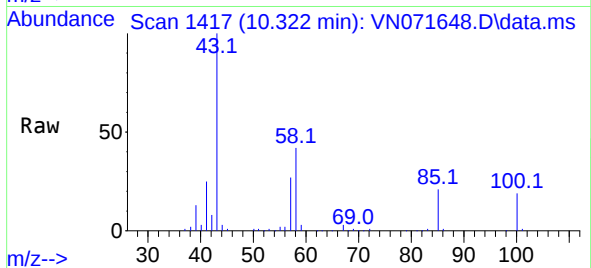
#51
4-Methyl-2-Pentanone
Concen: 22.157 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 18368
Ion Ratio Lower Upper
43 100
58 41.4 34.1 51.1

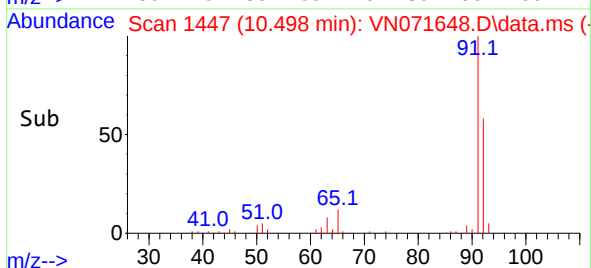
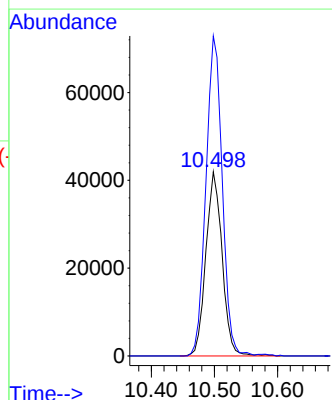
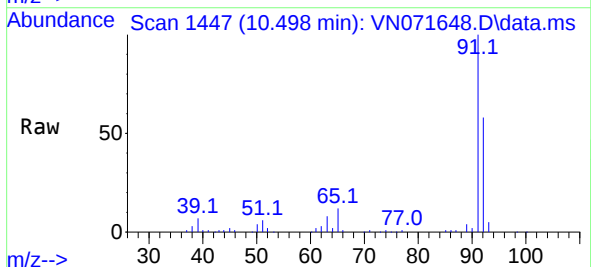
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#52
Toluene
Concen: 4.929 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 92 Resp: 75291
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





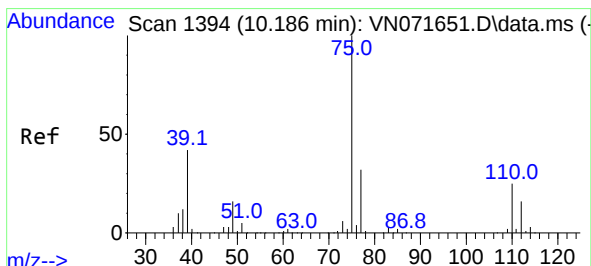
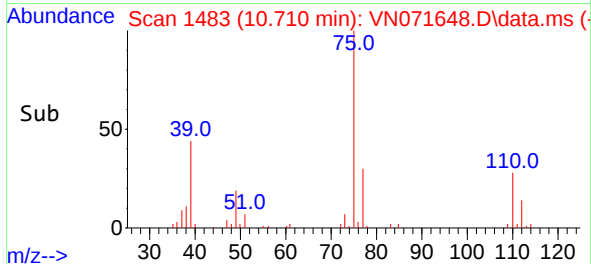
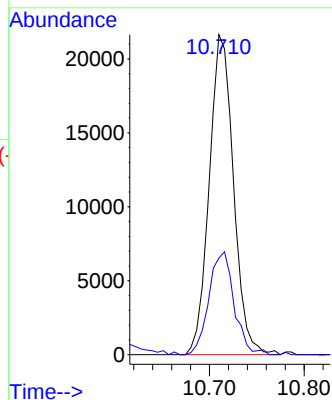
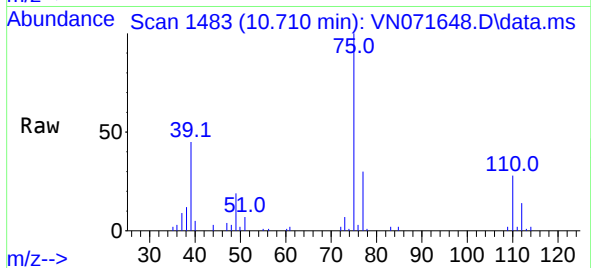
#53
t-1,3-Dichloropropene
Concen: 4.492 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 3854
Ion Ratio Lower Upper
75 100
77 30.2 25.6 38.4

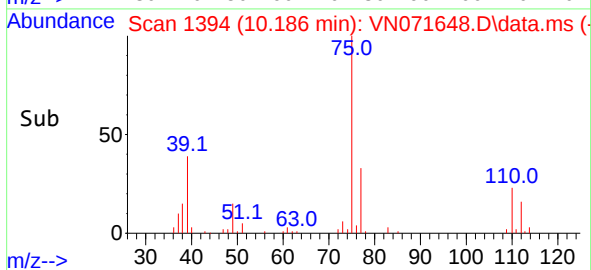
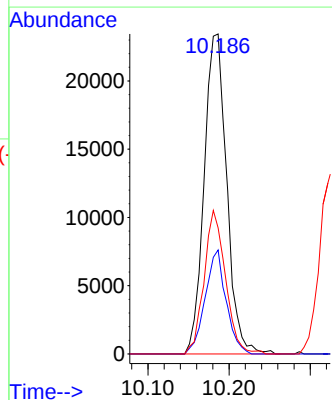
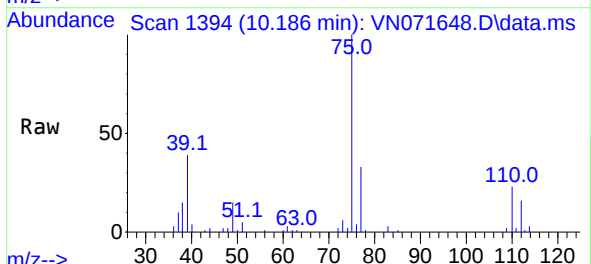
Manual Integrations
APPROVED

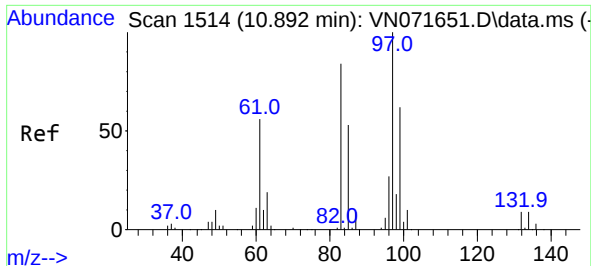
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#54
cis-1,3-Dichloropropene
Concen: 4.849 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

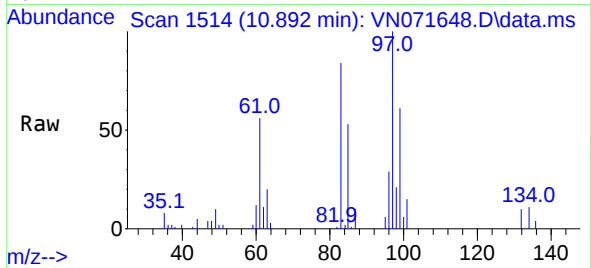
Tgt Ion: 75 Resp: 45242
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 39.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 4.826 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

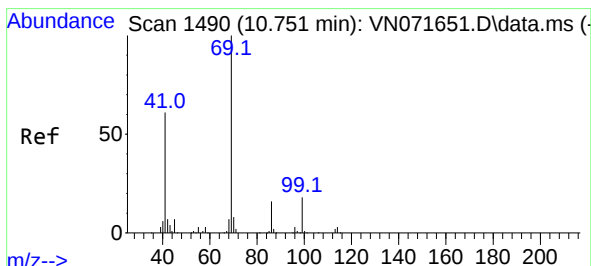
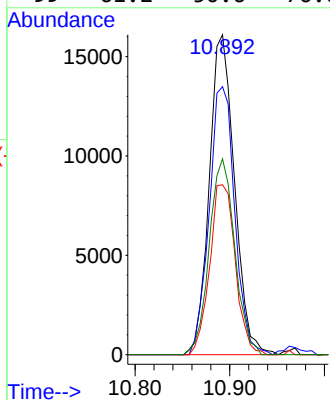
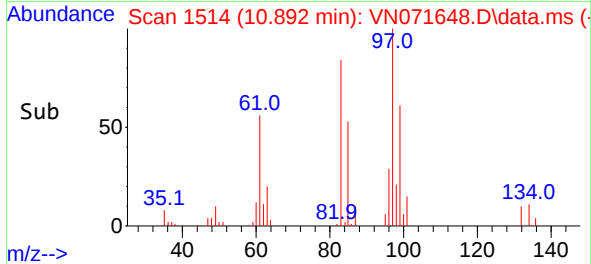


Tgt Ion: 97 Resp: 29769

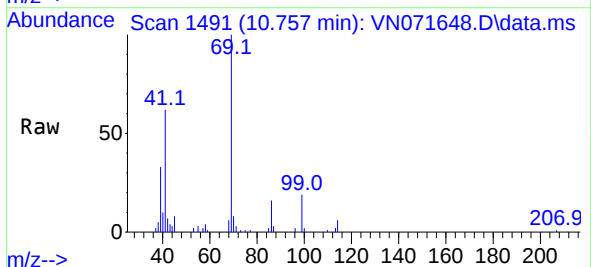
Ion	Ratio	Lower	Upper
97	100		
83	83.8	66.2	99.4
85	53.1	43.9	65.9
99	61.2	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

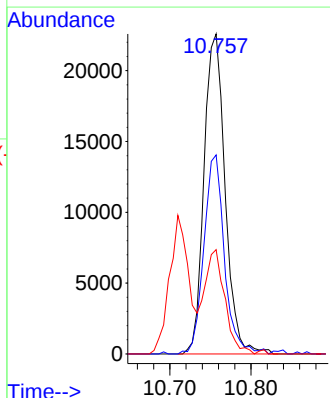
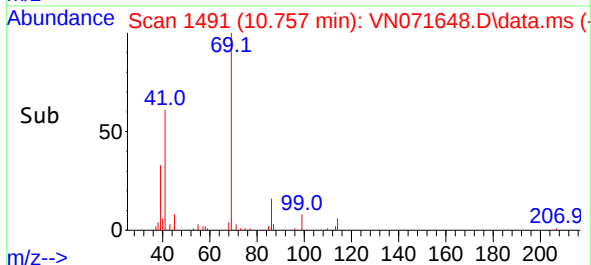


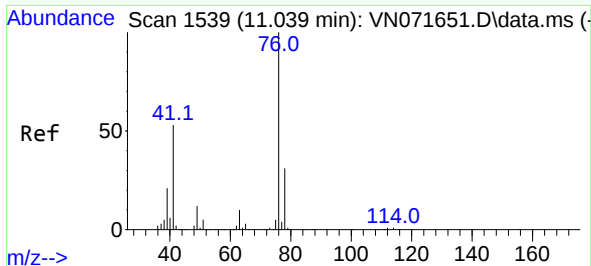
#56
Ethyl methacrylate
Concen: 4.437 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion: 69 Resp: 40760

Ion	Ratio	Lower	Upper
69	100		
41	60.7	47.8	71.6
39	31.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 4.874 ug/l

RT: 11.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071648.D

Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 5011

Ion Ratio Lower Upper

76 100

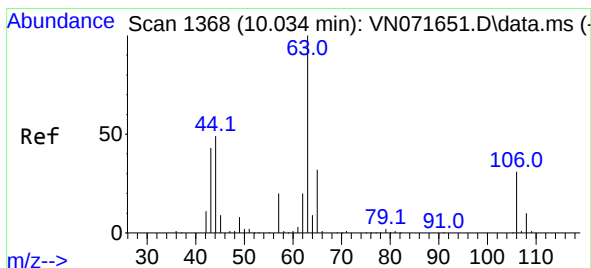
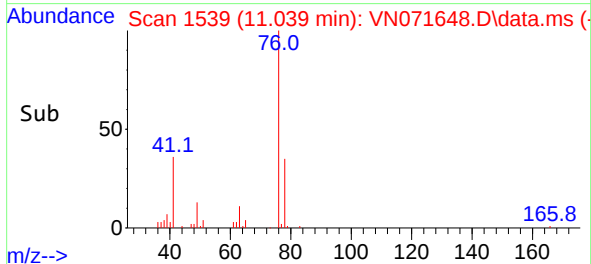
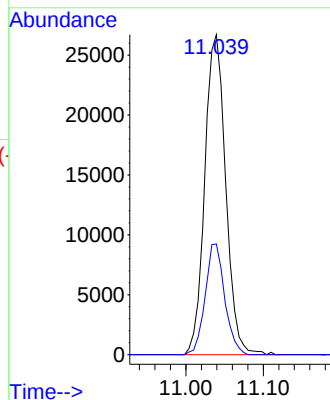
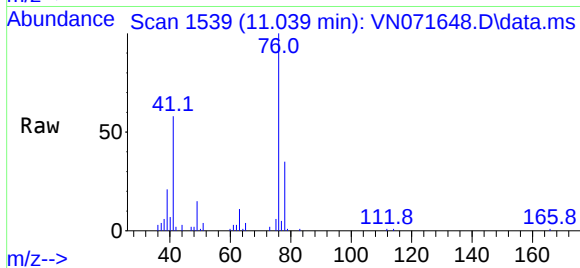
78 32.3 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 03/31/2022

Supervised By :Mahesh Dadoda 04/01/2022



#58

2-Chloroethyl Vinyl ether

Concen: 17.786 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VN071648.D

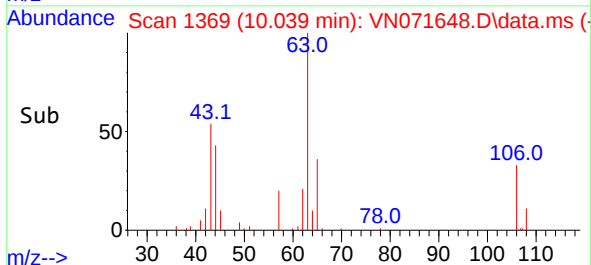
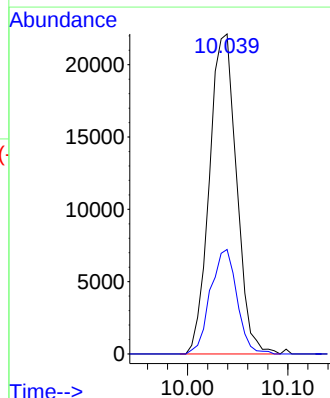
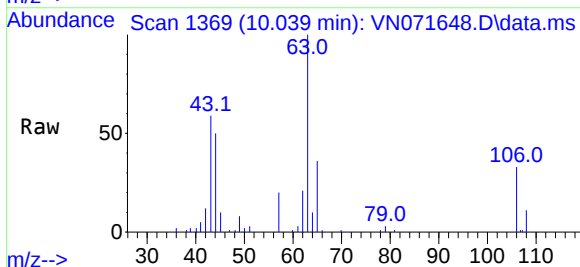
Acq: 30 Mar 2022 10:28

Tgt Ion: 63 Resp: 41642

Ion Ratio Lower Upper

63 100

106 32.0 24.6 36.8





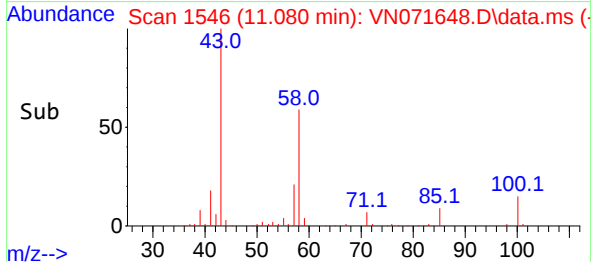
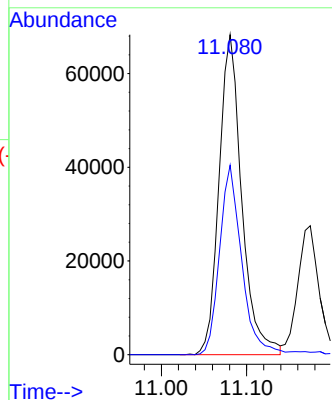
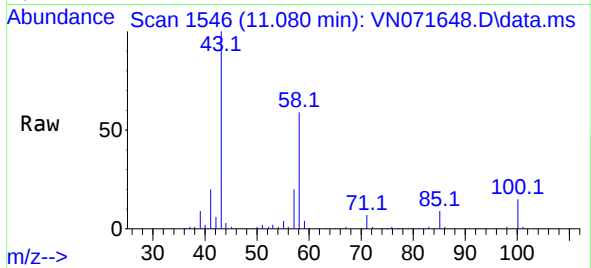
#59
2-Hexanone
Concen: 21.340 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 126399
Ion Ratio Lower Upper
43 100
58 57.7 29.7 89.1

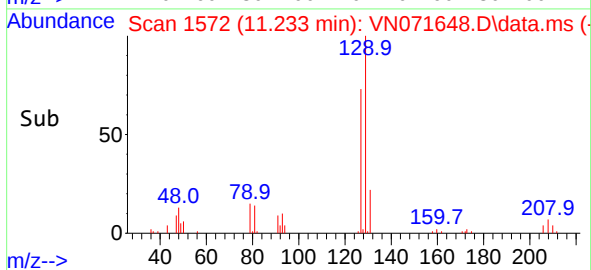
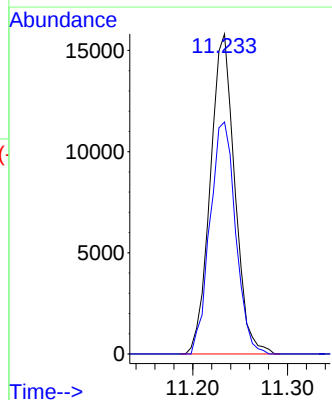
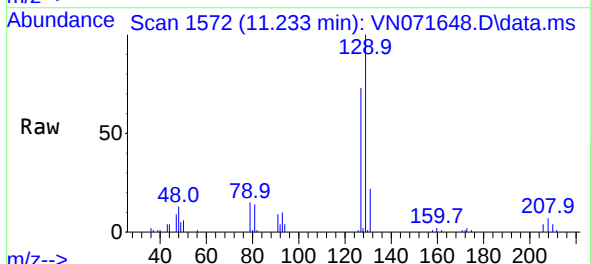
Manual Integrations
APPROVED

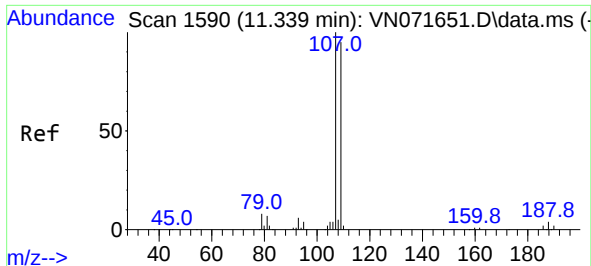
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#60
Dibromochloromethane
Concen: 4.603 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:129 Resp: 28393
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4





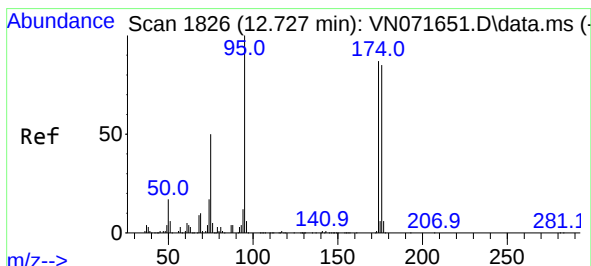
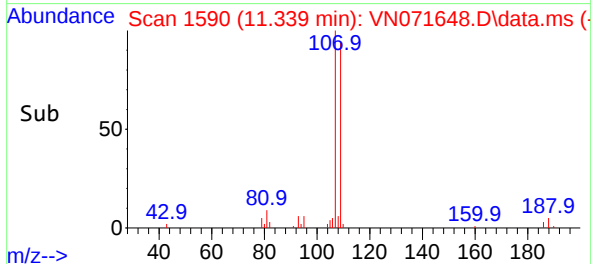
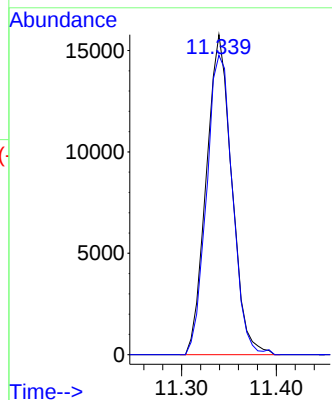
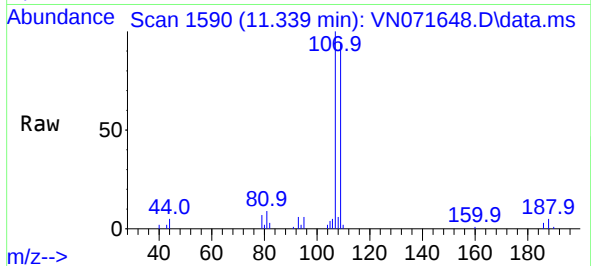
#61
1,2-Dibromoethane
Concen: 4.745 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 2951
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6

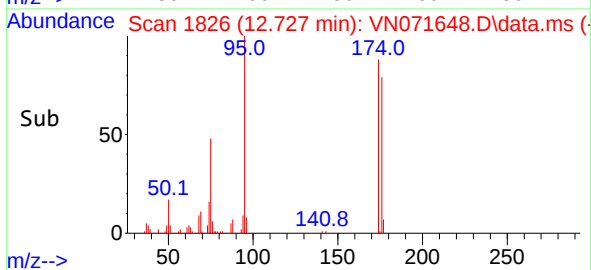
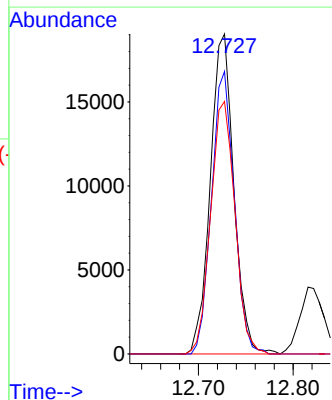
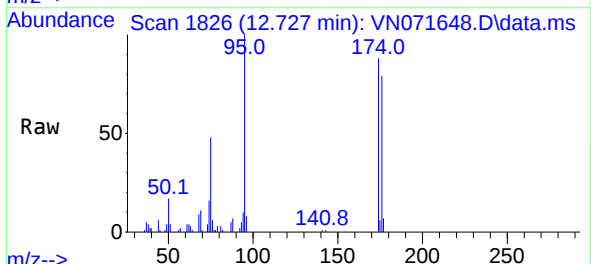
Manual Integrations
APPROVED

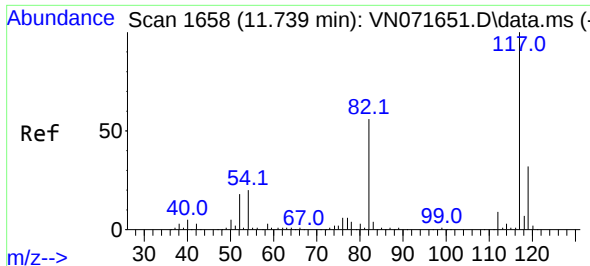
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#62
4-Bromofluorobenzene
Concen: 4.565 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

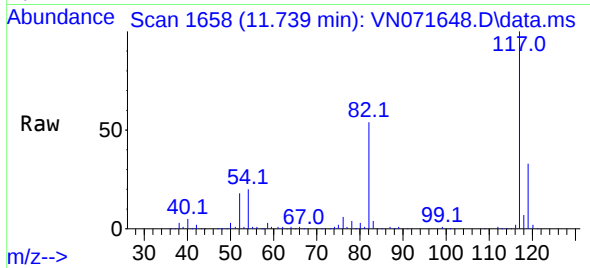
Tgt Ion: 95 Resp: 32932
Ion Ratio Lower Upper
95 100
174 85.2 0.0 167.6
176 81.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

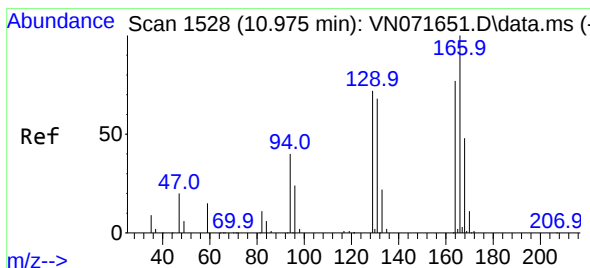
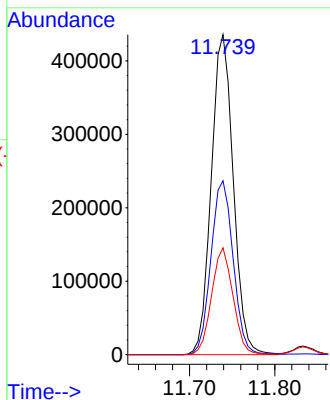
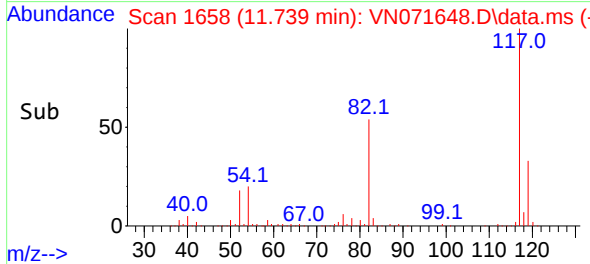
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



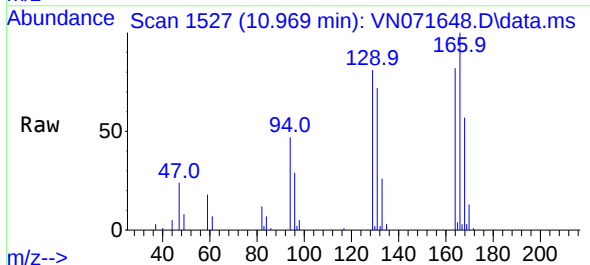
Tgt Ion:117 Resp: 782110
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 33.4 25.4 38.0

Manual Integrations
APPROVED

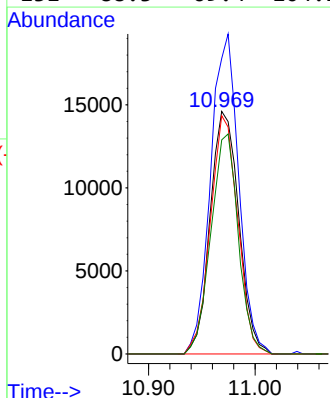
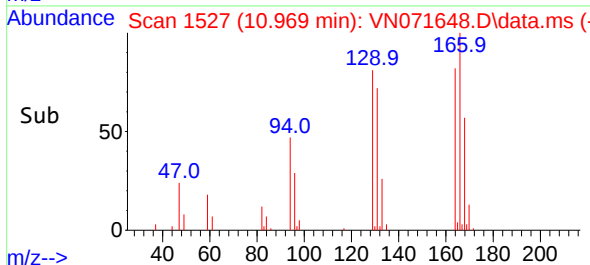
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

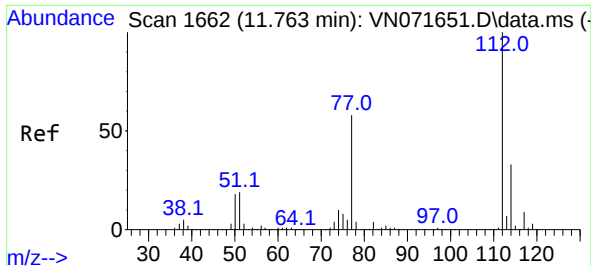


#64
Tetrachloroethene
Concen: 5.073 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



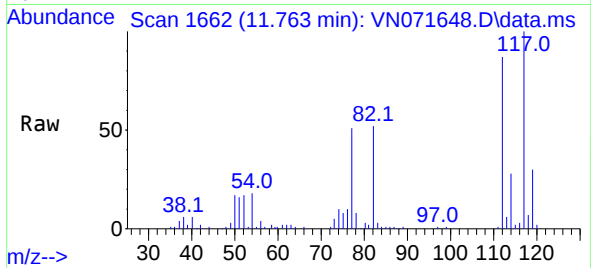
Tgt Ion:164 Resp: 27312
Ion Ratio Lower Upper
164 100
166 121.9 104.2 156.2
129 98.2 73.9 110.9
131 88.3 69.4 104.2





#65
Chlorobenzene
Concen: 4.958 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

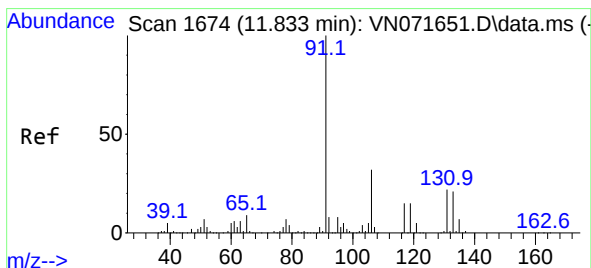
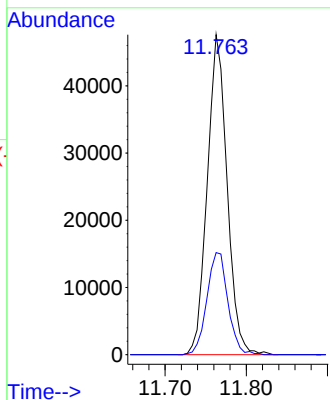
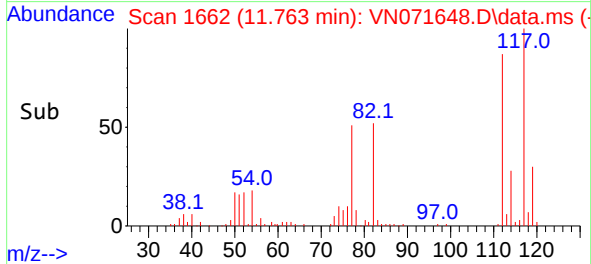
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



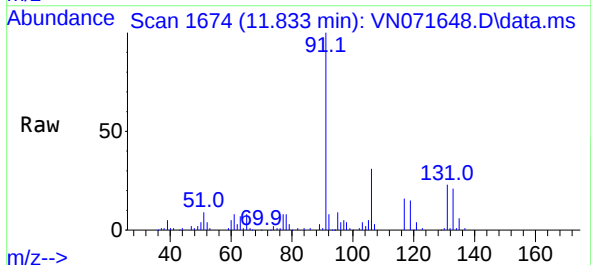
Tgt Ion:112 Resp: 8075
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

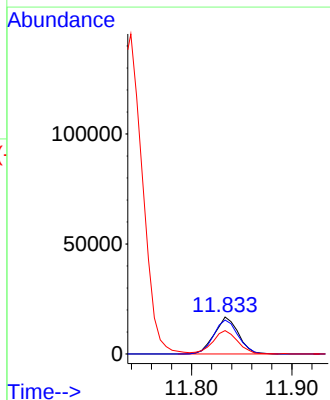
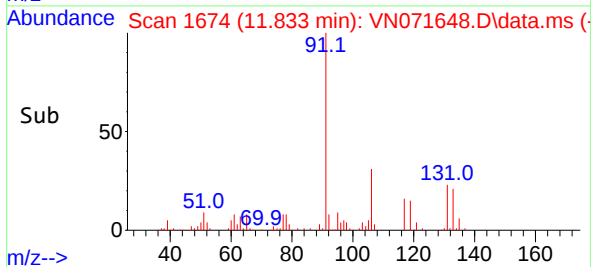
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

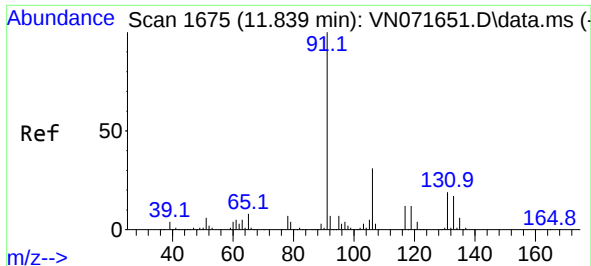


#66
1,1,1,2-Tetrachloroethane
Concen: 4.783 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



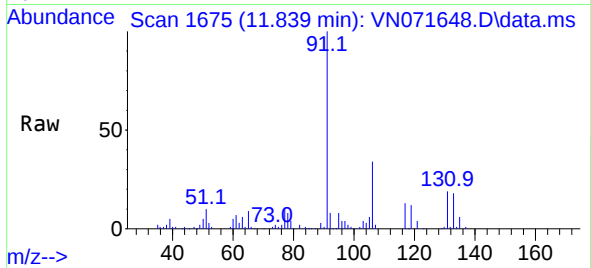
Tgt Ion:131 Resp: 27919
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 65.9 33.4 100.2





#67
Ethyl Benzene
Concen: 4.865 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

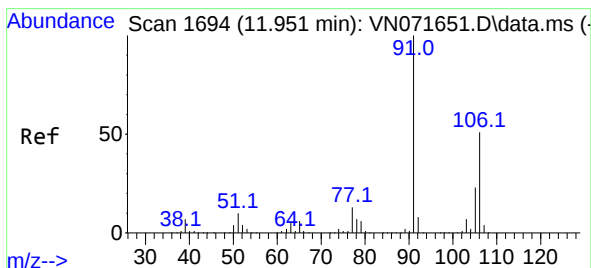
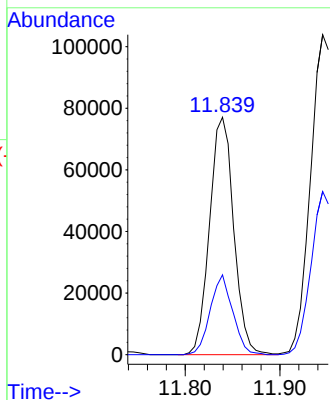
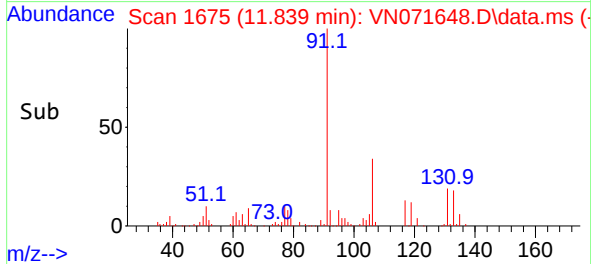
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



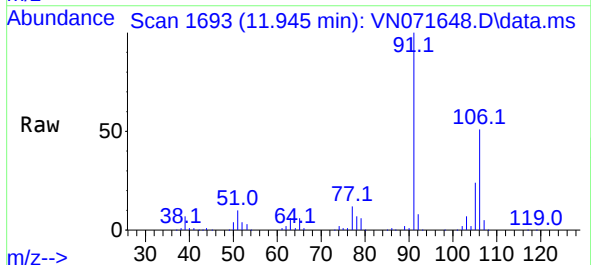
Tgt Ion: 91 Resp: 13663
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3

Manual Integrations
APPROVED

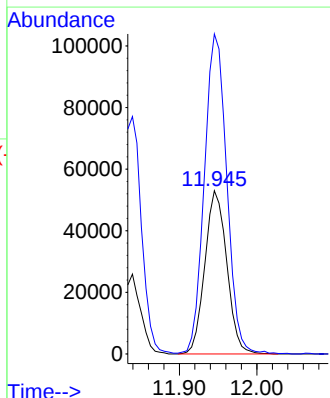
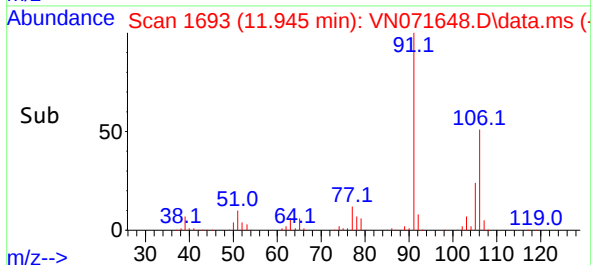
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

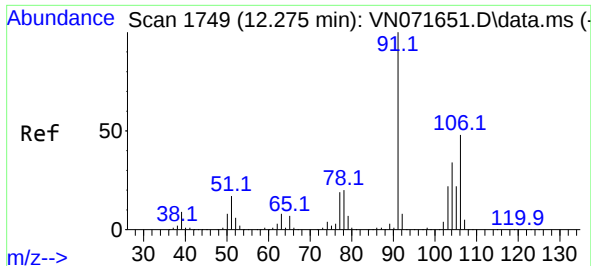


#68
m/p-Xylenes
Concen: 9.762 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



Tgt Ion:106 Resp: 104351
Ion Ratio Lower Upper
106 100
91 200.1 158.9 238.3





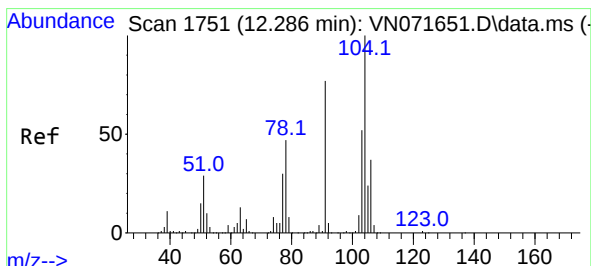
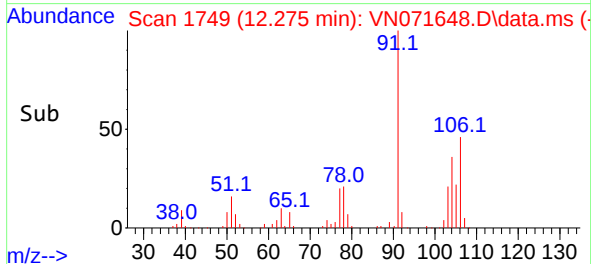
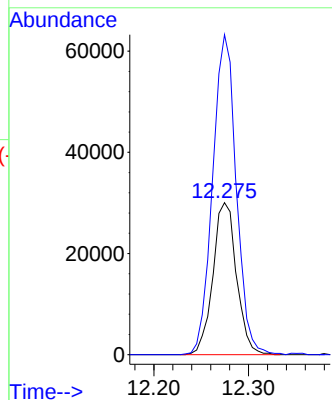
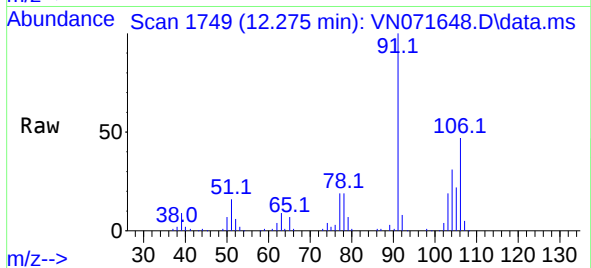
#69
o-Xylene
Concen: 4.846 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 52014
Ion Ratio Lower Upper
106 100
91 211.2 106.0 318.0

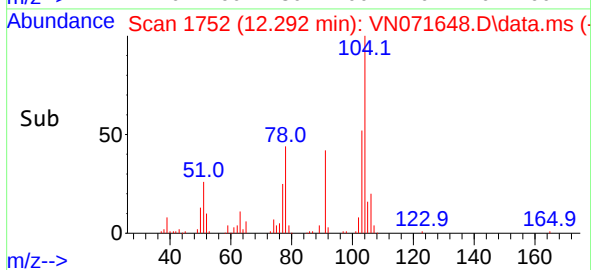
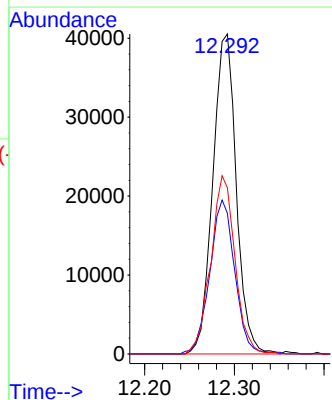
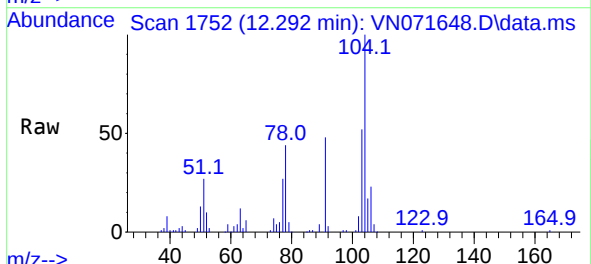
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#70
Styrene
Concen: 4.493 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:104 Resp: 73591
Ion Ratio Lower Upper
104 100
78 51.2 39.5 59.3
103 57.5 44.0 66.0





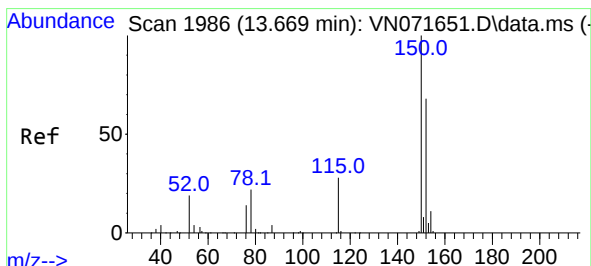
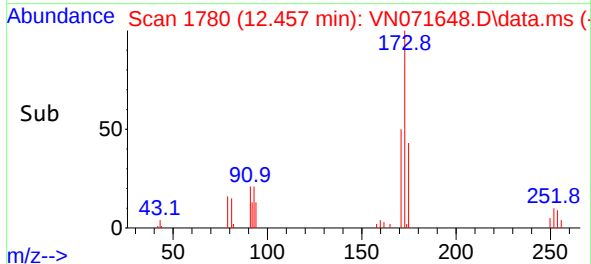
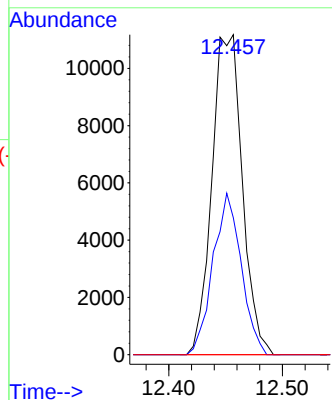
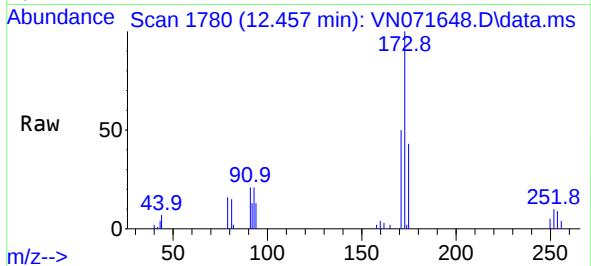
#71
Bromoform
Concen: 4.509 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:173 Resp: 2079
Ion Ratio Lower Upper
173 100
175 46.8 24.6 73.6
254 0.0 0.1 0.1

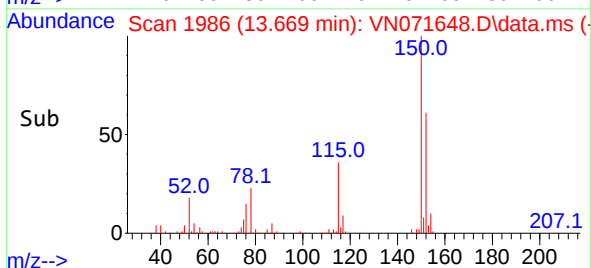
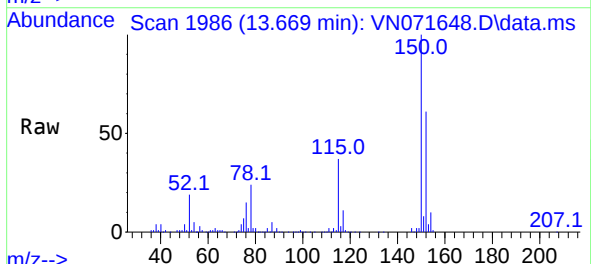
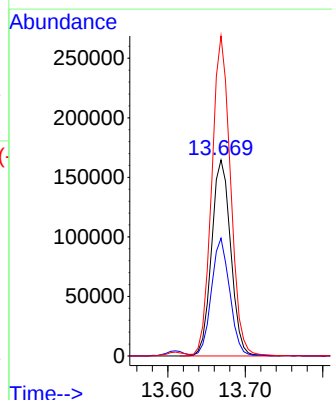
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:152 Resp: 282181
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 160.6 0.0 356.2





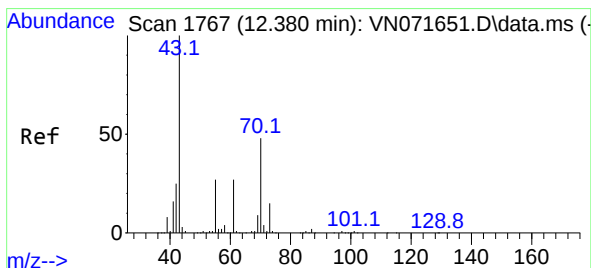
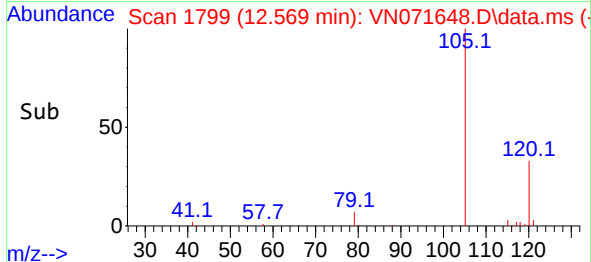
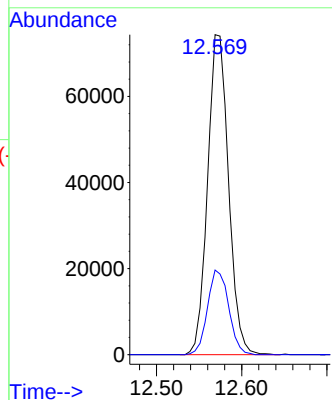
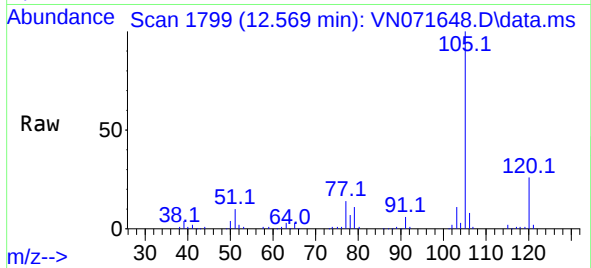
#73
Isopropylbenzene
Concen: 5.147 ug/l
RT: 12.569 min Scan# 1799
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 127190
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

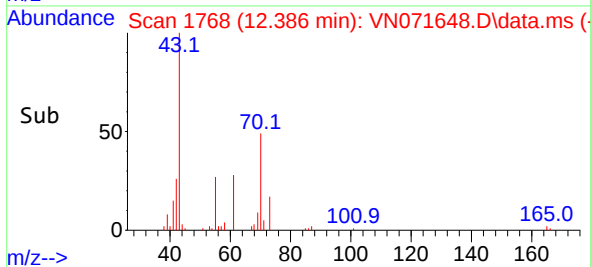
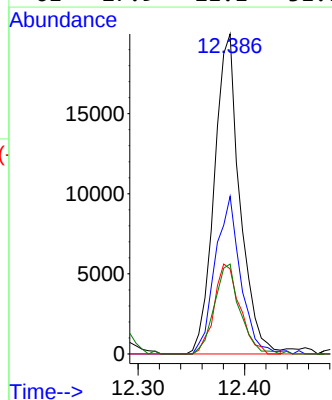
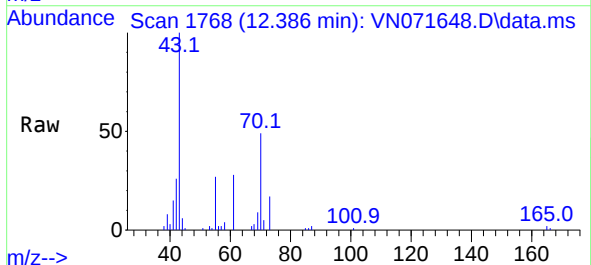
Manual Integrations
APPROVED

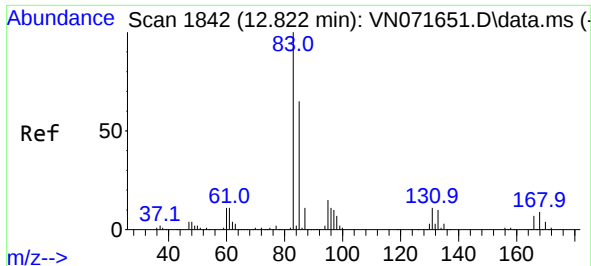
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#74
N-ethyl acetate
Concen: 4.437 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

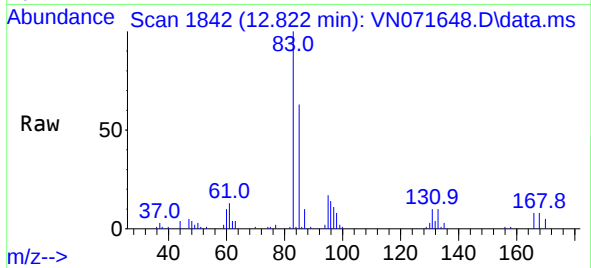
Tgt Ion: 43 Resp: 33307
Ion Ratio Lower Upper
43 100
70 49.4 39.0 58.4
55 28.1 21.1 31.7
61 27.9 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.107 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

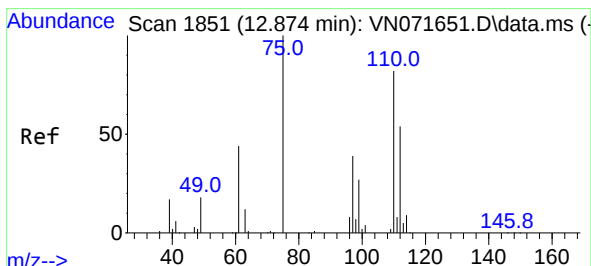
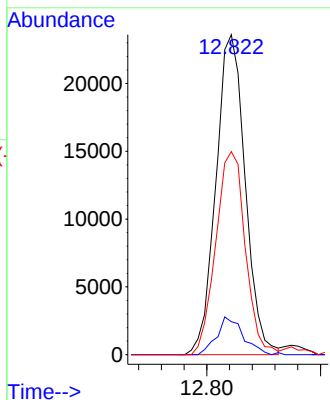
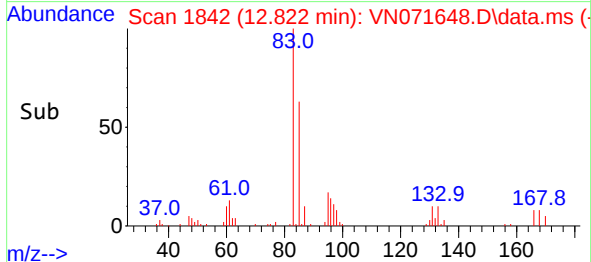
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



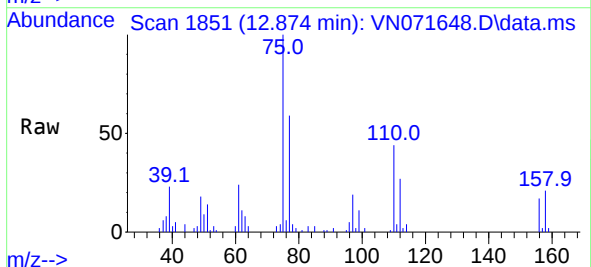
Tgt Ion: 83 Resp: 42220
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

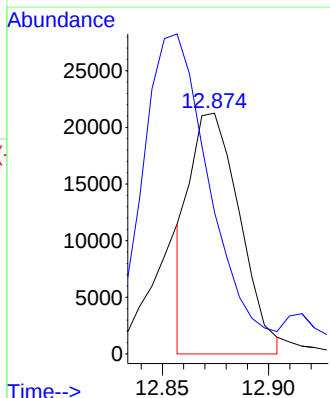
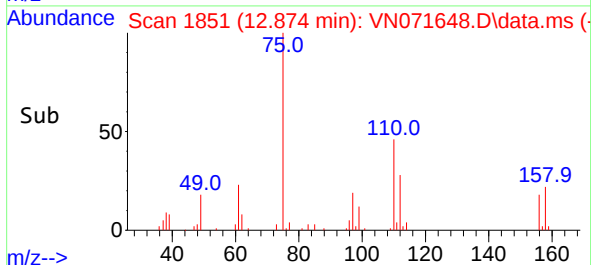
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

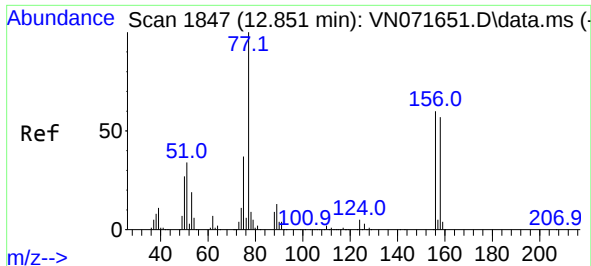


#76
1,2,3-Trichloropropane
Concen: 5.121 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28



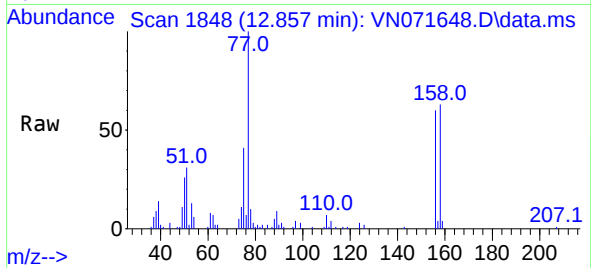
Tgt Ion: 75 Resp: 34658
Ion Ratio Lower Upper
75 100
77 181.9 98.5 295.5





#77
Bromobenzene
Concen: 4.908 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

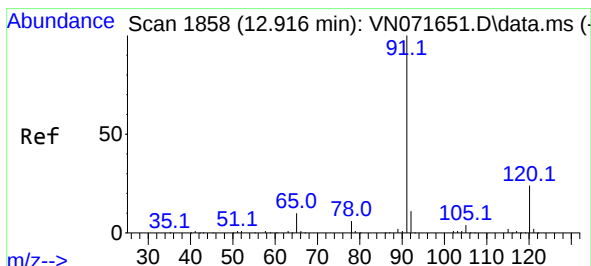
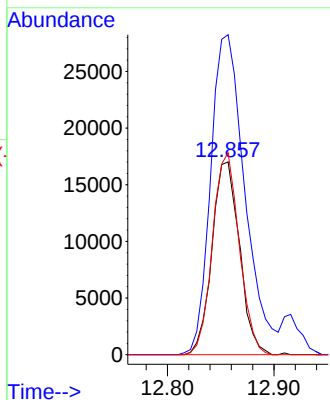
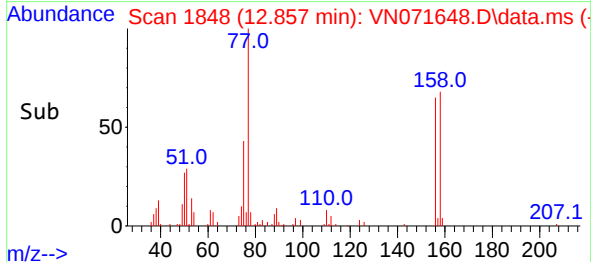
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:156 Resp: 3053
Ion Ratio Lower Upper
156 100
77 206.4 100.5 301.5
158 102.0 48.9 146.6

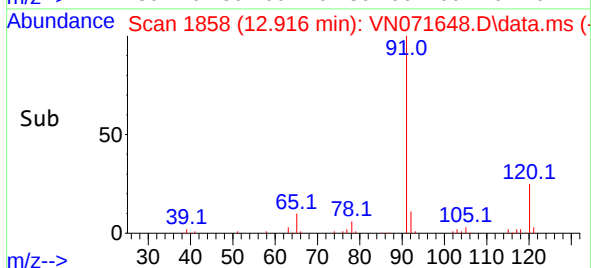
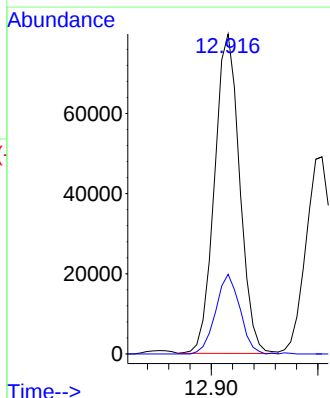
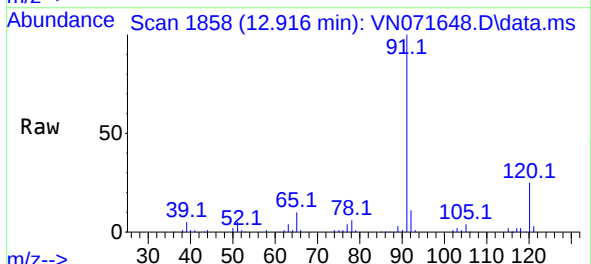
Manual Integrations
APPROVED

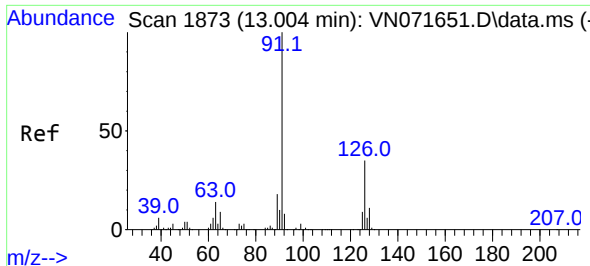
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#78
n-propylbenzene
Concen: 4.893 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 91 Resp: 130399
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





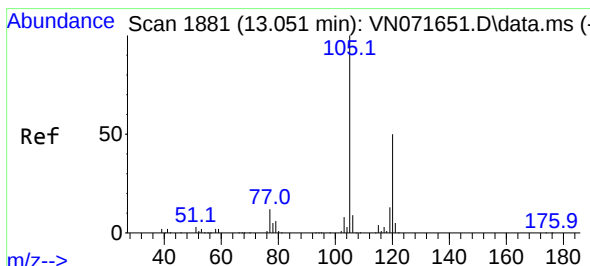
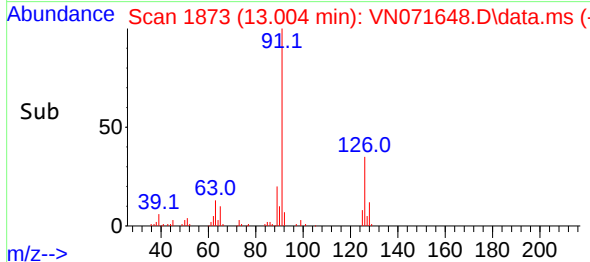
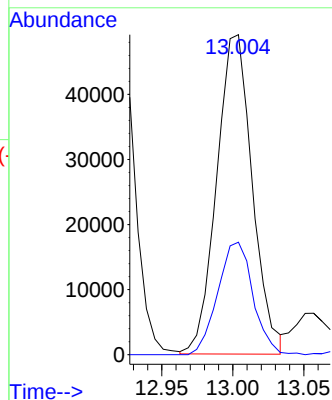
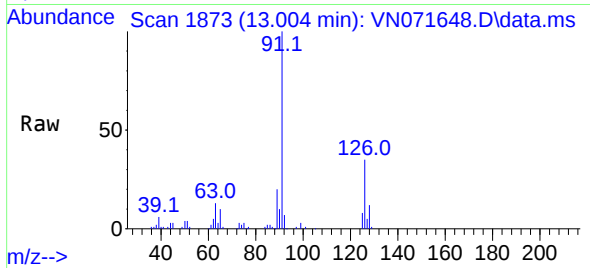
#79
2-Chlorotoluene
Concen: 5.142 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 8582
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

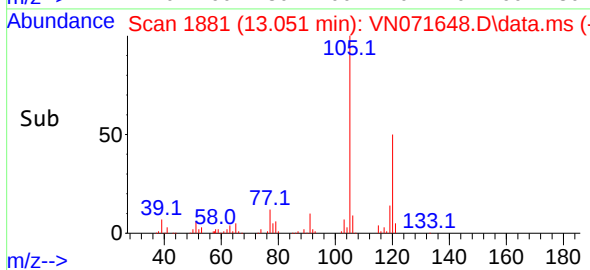
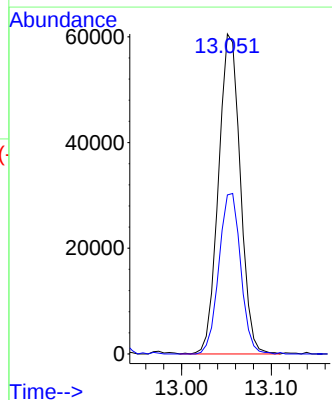
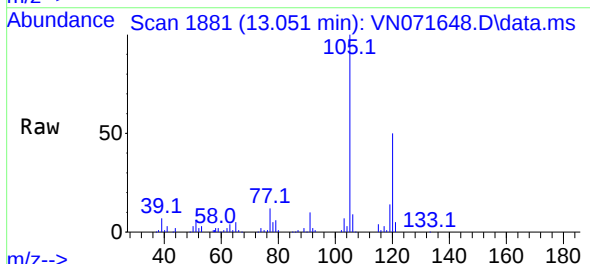
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 5.229 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:105 Resp: 102042
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





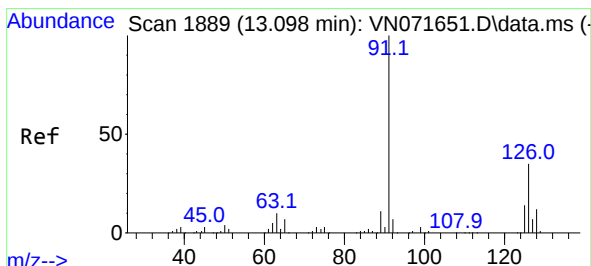
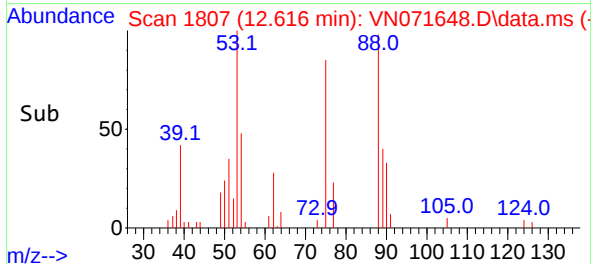
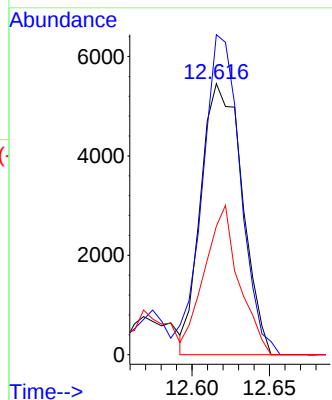
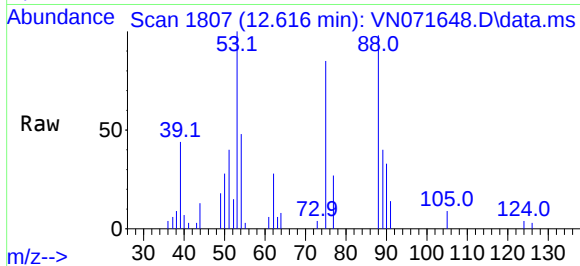
#81
trans-1,4-Dichloro-2-butene
Concen: 4.309 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 1010
Ion Ratio Lower Upper
75 100
53 108.9 78.0 117.0
89 46.2 37.2 55.8

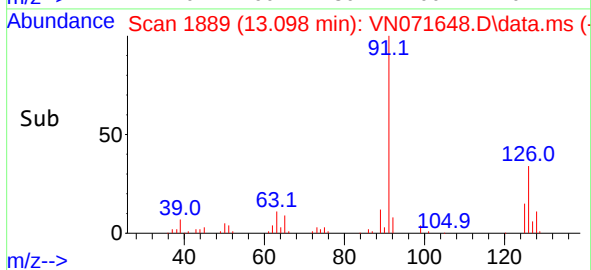
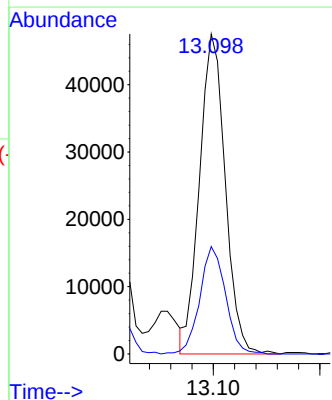
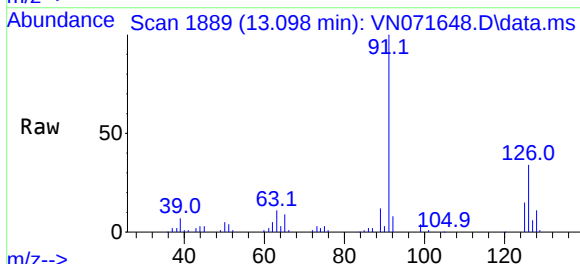
Manual Integrations
APPROVED

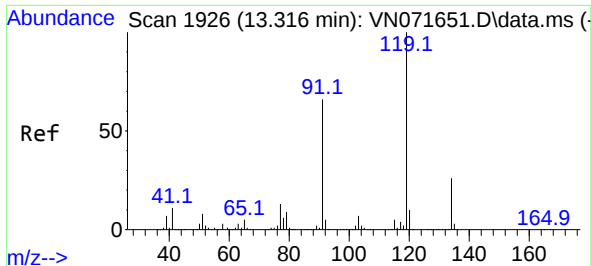
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#82
4-Chlorotoluene
Concen: 5.118 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 91 Resp: 79730
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6





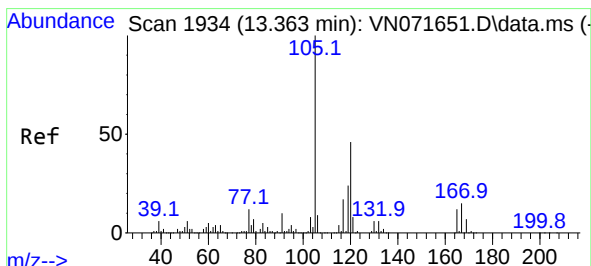
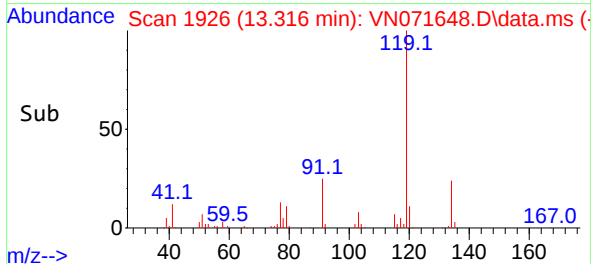
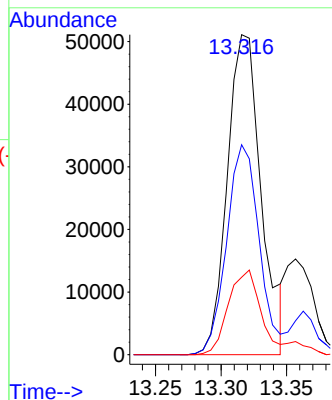
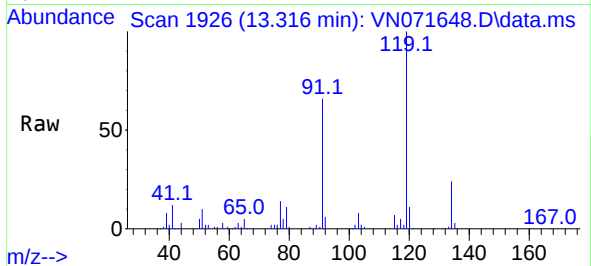
#83
tert-Butylbenzene
Concen: 5.134 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 92000
Ion Ratio Lower Upper
119 100
91 62.9 31.6 94.8
134 27.7 13.7 41.1

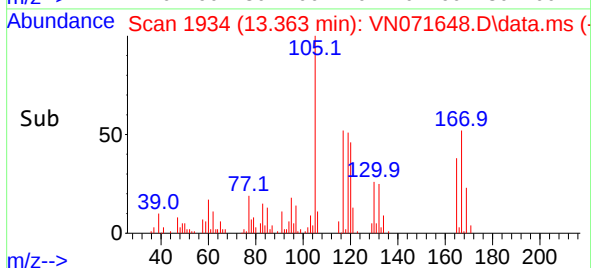
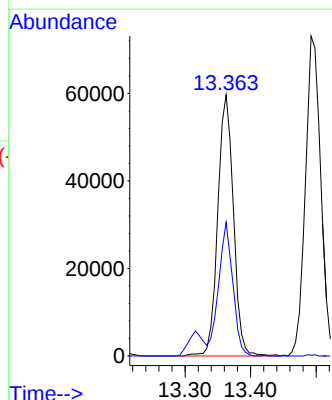
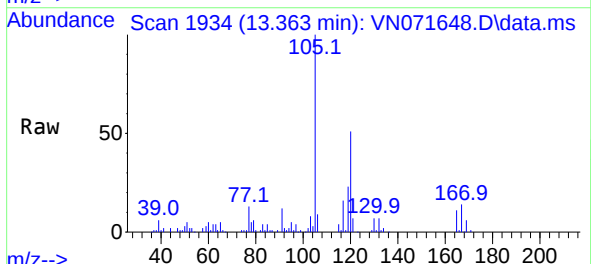
Manual Integrations
APPROVED

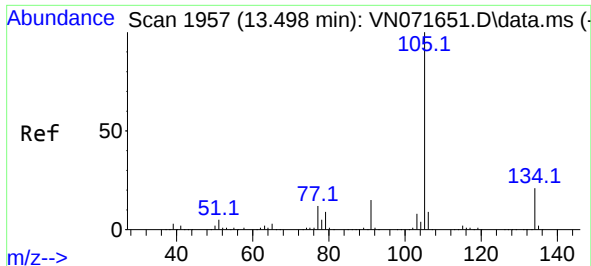
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#84
1,2,4-Trimethylbenzene
Concen: 5.160 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:105 Resp: 98776
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 5.040 ug/l
 RT: 13.492 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN071648.D
 Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

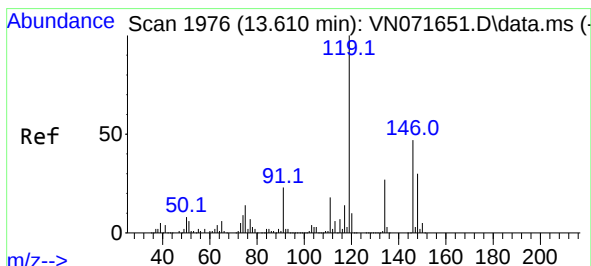
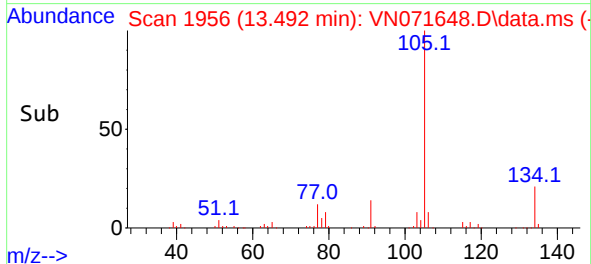
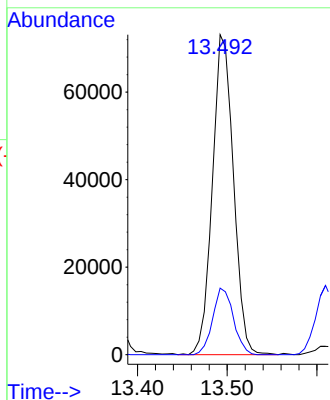
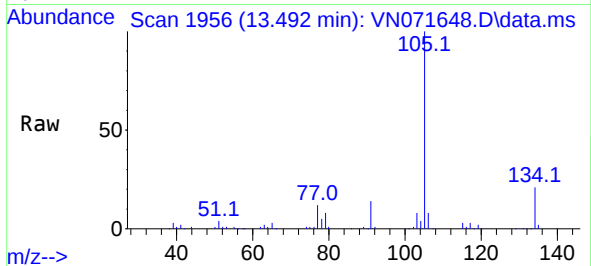
VSTDICC005

Tgt Ion:105 Resp: 11914
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations

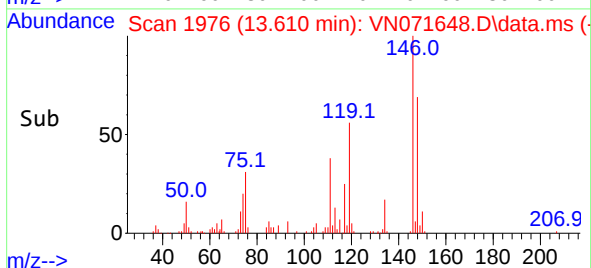
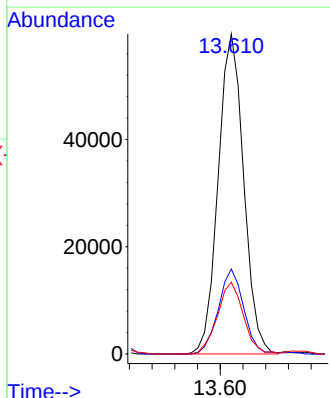
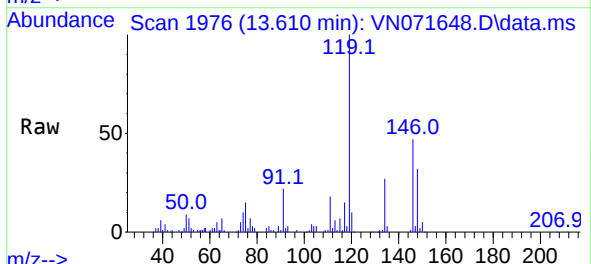
APPROVED

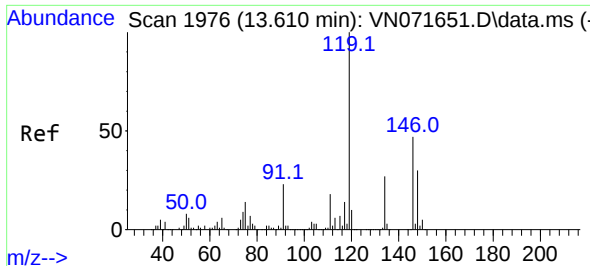
Reviewed By :John Carlone 03/31/2022
 Supervised By :Mahesh Dadoda 04/01/2022



#86
 p-Isopropyltoluene
 Concen: 4.945 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071648.D
 Acq: 30 Mar 2022 10:28

Tgt Ion:119 Resp: 93037
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.9 11.3 33.9





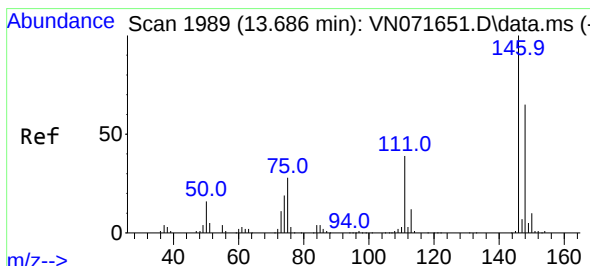
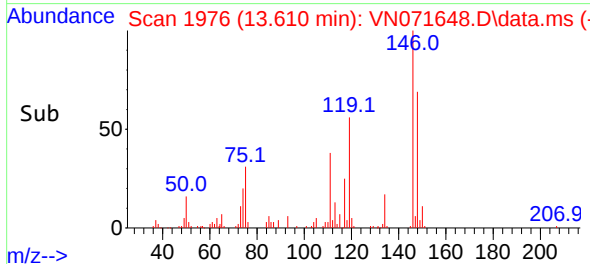
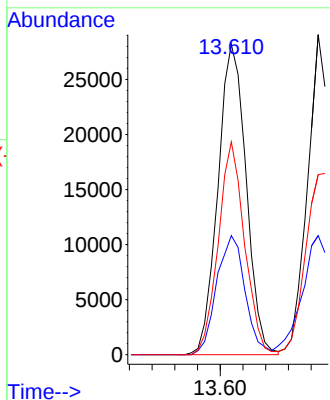
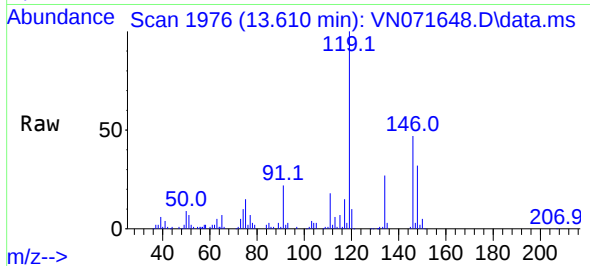
#87
1,3-Dichlorobenzene
Concen: 4.849 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 4863
Ion Ratio Lower Upper
146 100
111 38.7 20.0 60.0
148 63.9 32.0 96.0

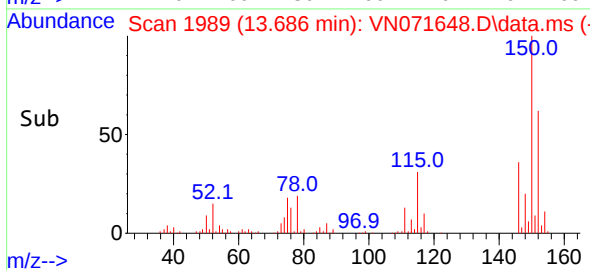
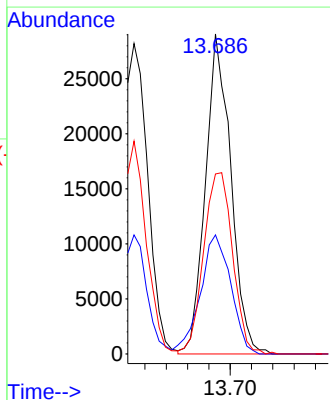
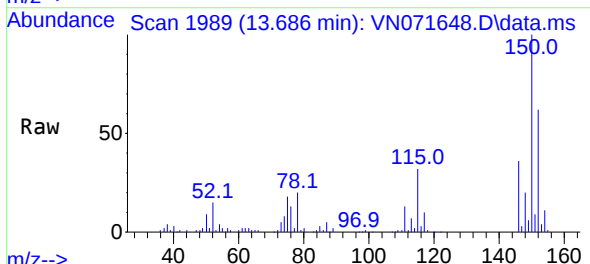
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#88
1,4-Dichlorobenzene
Concen: 4.841 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

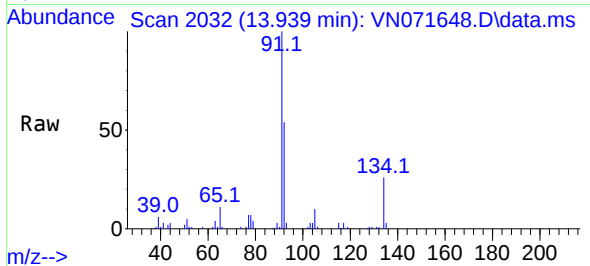
Tgt Ion:146 Resp: 48204
Ion Ratio Lower Upper
146 100
111 44.6 19.1 57.1
148 64.6 31.4 94.3





#89
n-Butylbenzene
Concen: 4.562 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

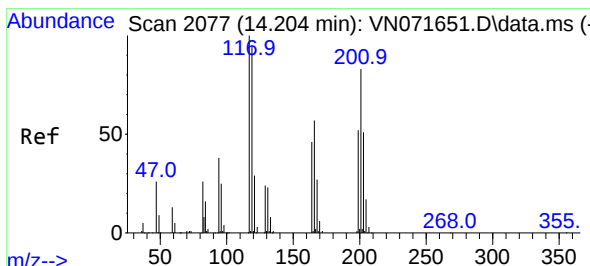
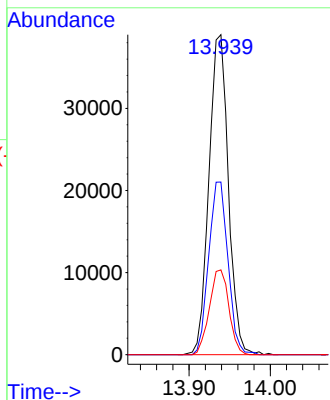
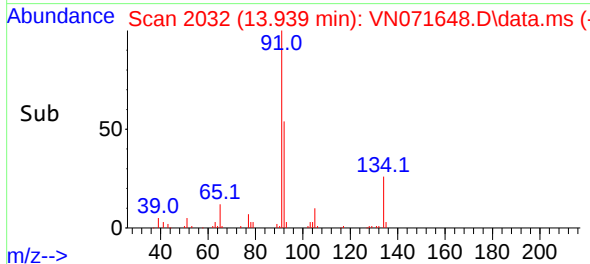
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 91 Resp: 6484
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.7 13.6 40.8

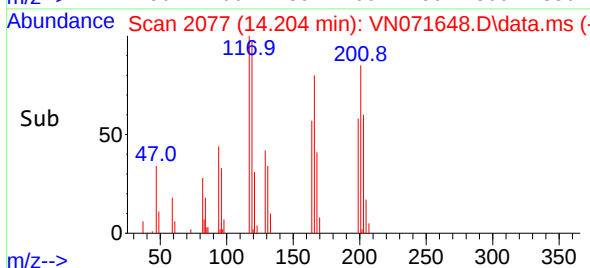
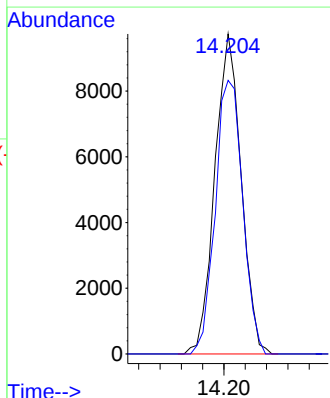
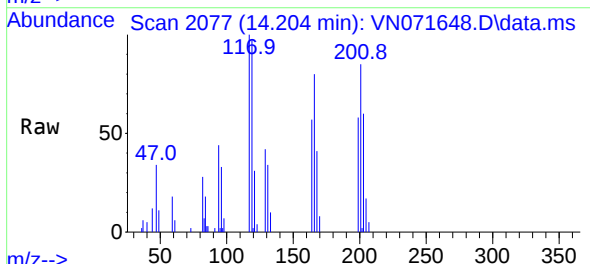
Manual Integrations
APPROVED

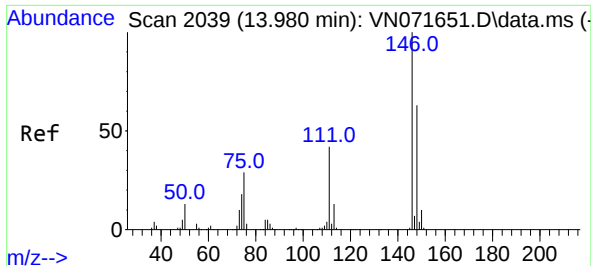
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#90
Hexachloroethane
Concen: 4.727 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:117 Resp: 16674
Ion Ratio Lower Upper
117 100
201 89.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 4.743 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

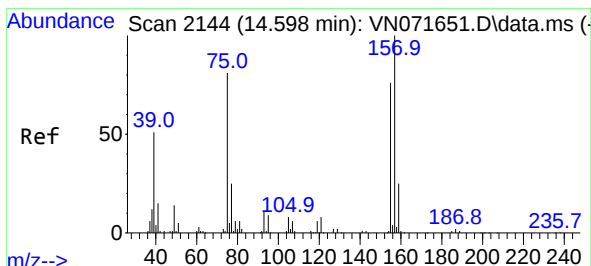
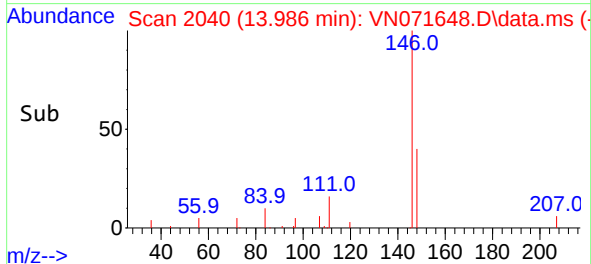
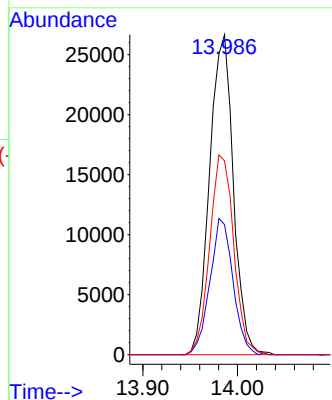
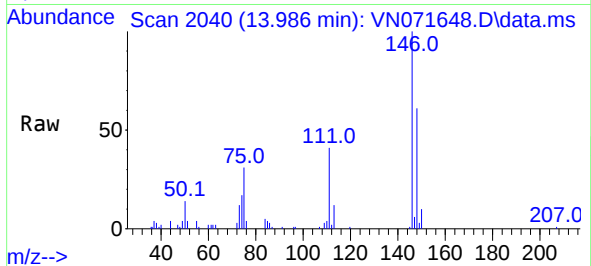
VSTDICC005

Tgt Ion:146 Resp: 4647
Ion Ratio Lower Upper
146 100
111 41.4 20.9 62.8
148 63.3 32.1 96.3

Manual Integrations

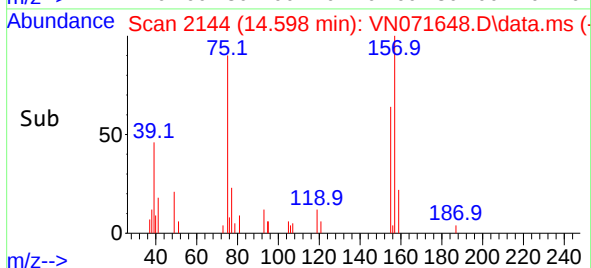
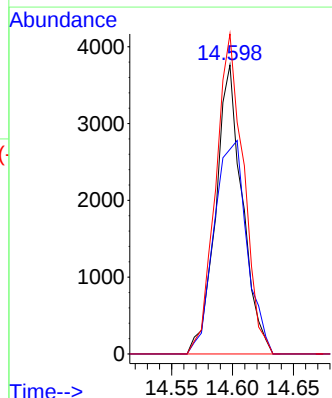
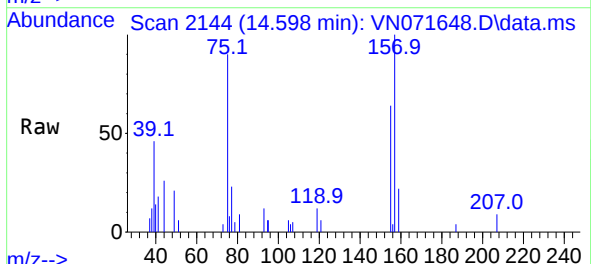
APPROVED

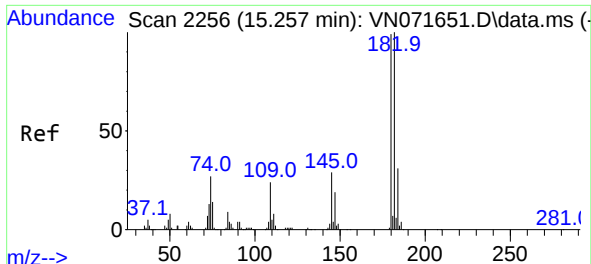
Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.008 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion: 75 Resp: 5712
Ion Ratio Lower Upper
75 100
155 91.0 44.9 134.5
157 116.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 3.613 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Instrument :

MSVOA_N

ClientSampleId :

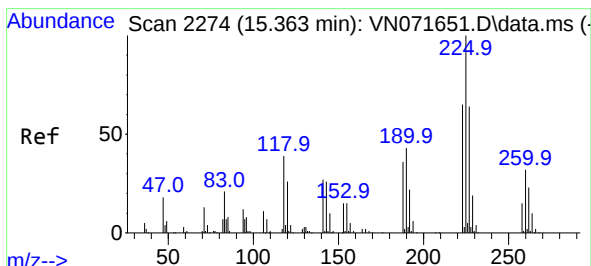
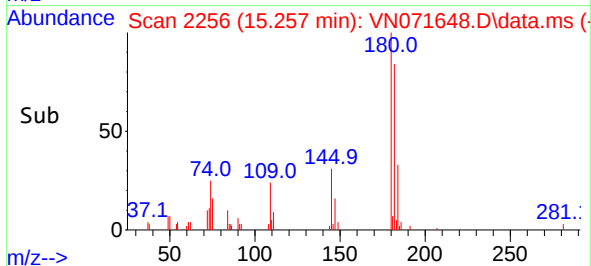
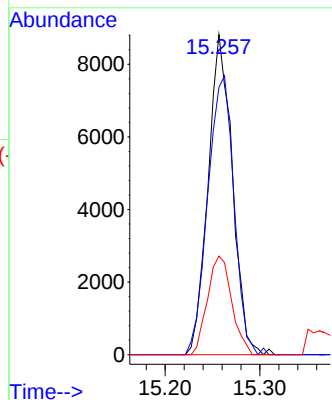
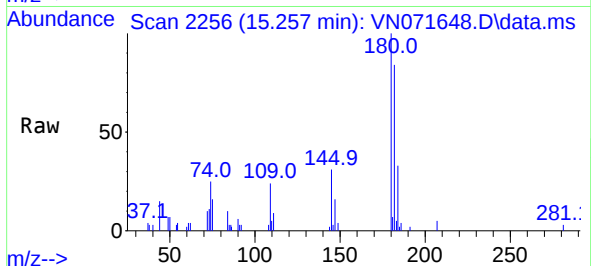
VSTDIC005

Tgt Ion:180 Resp: 1566
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.5
145 30.8 14.5 43.5

Manual Integrations

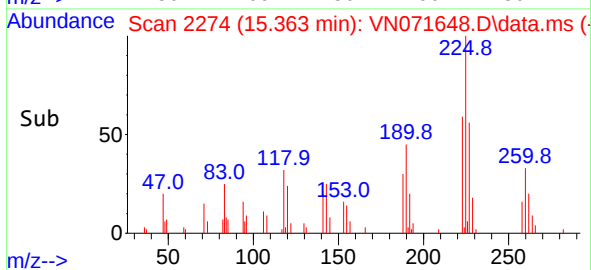
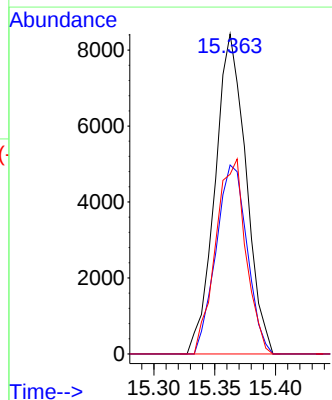
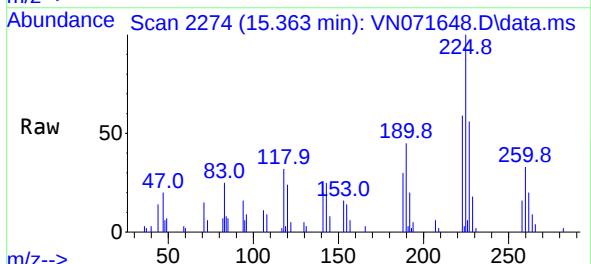
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Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#94
Hexachlorobutadiene
Concen: 5.430 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

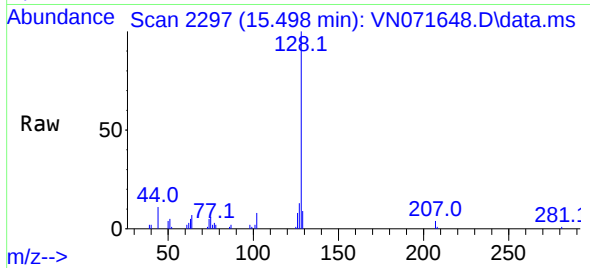
Tgt Ion:225 Resp: 14878
Ion Ratio Lower Upper
225 100
223 59.5 32.4 97.2
227 59.4 31.8 95.4





#95
Naphthalene
Concen: 2.568 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

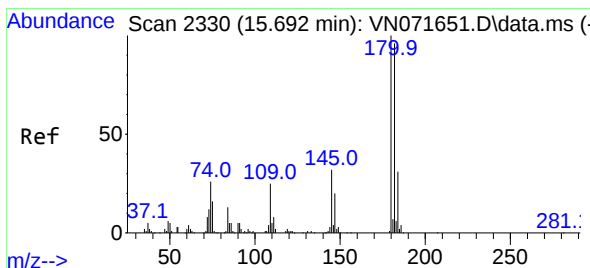
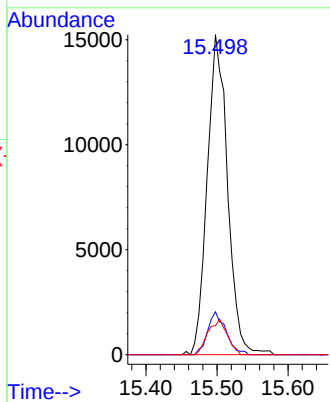
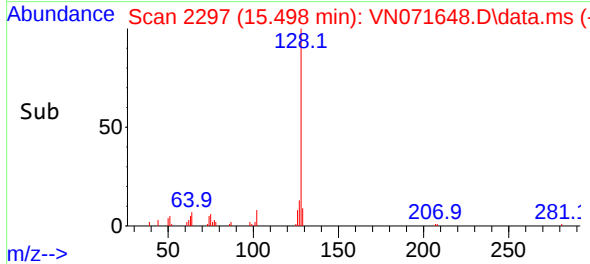
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 30300
Ion Ratio Lower Upper
128 100
127 12.1 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 3.186 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071648.D
Acq: 30 Mar 2022 10:28

Tgt Ion:180 Resp: 13812
Ion Ratio Lower Upper
180 100
182 97.2 47.8 143.3
145 31.7 15.5 46.5

