

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073616.D
 Acq On : 28 Jul 2022 10:55
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:30:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	332557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	568127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	513668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	213902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	22480	5.547	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.100%#		
35) Dibromofluoromethane	7.951	113	18014	5.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.100%#		
50) Toluene-d8	10.380	98	69144	4.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	9.860%#		
62) 4-Bromofluorobenzene	12.674	95	19460	4.483	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	8.960%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	15052	4.741	ug/l	88
3) Chloromethane	2.269	50	23428	5.046	ug/l	96
4) Vinyl Chloride	2.404	62	29266	5.226	ug/l	97
5) Bromomethane	2.781	94	18748	5.730	ug/l	91
6) Chloroethane	2.951	64	21090	5.372	ug/l	98
7) Trichlorofluoromethane	3.304	101	29389	5.077	ug/l	98
8) Diethyl Ether	3.763	74	11194	5.273	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.128	101	16491	4.999	ug/l	95
10) Methyl Iodide	4.357	142	13959	4.269	ug/l	96
11) Tert butyl alcohol	5.292	59	22179	25.375	ug/l	99
12) 1,1-Dichloroethene	4.116	96	16067	5.192	ug/l #	82
13) Acrolein	3.981	56	23243	26.824	ug/l	95
14) Allyl chloride	4.757	41	26527	5.180	ug/l	95
15) Acrylonitrile	5.481	53	63942	26.727	ug/l	98
16) Acetone	4.222	43	55720	25.669	ug/l	97
17) Carbon Disulfide	4.451	76	42804	5.043	ug/l	99
18) Methyl Acetate	4.781	43	28501	5.280	ug/l	97
19) Methyl tert-butyl Ether	5.534	73	53477	5.047	ug/l	98
20) Methylene Chloride	5.016	84	23338	5.405	ug/l	98
21) trans-1,2-Dichloroethene	5.504	96	17558	5.125	ug/l	85
22) Diisopropyl ether	6.410	45	55889	5.264	ug/l	94
23) Vinyl Acetate	6.351	43	224517	24.928	ug/l	97
24) 1,1-Dichloroethane	6.304	63	34981	5.330	ug/l	97
25) 2-Butanone	7.263	43	89891	26.439	ug/l	96
26) 2,2-Dichloropropane	7.245	77	25327	4.786	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	21641	5.166	ug/l	92
28) Bromochloromethane	7.581	49	14505	5.242	ug/l	99
29) Tetrahydrofuran	7.610	42	55592	25.872	ug/l	96
30) Chloroform	7.745	83	36086	5.194	ug/l	94
31) Cyclohexane	8.022	56	35137	5.823	ug/l #	89
32) 1,1,1-Trichloroethane	7.945	97	28907	5.013	ug/l	97
36) 1,1-Dichloropropene	8.151	75	25144	4.943	ug/l	99
37) Ethyl Acetate	7.339	43	33557	5.229	ug/l	98
38) Carbon Tetrachloride	8.133	117	24961	4.896	ug/l	96
39) Methylcyclohexane	9.392	83	27376	4.571	ug/l	90
40) Benzene	8.392	78	83557	5.103	ug/l	97

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Quant Time: Jul 29 01:30:39 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	15112	5.015	ug/l	94
42) 1,2-Dichloroethane	8.469	62	28765	5.141	ug/l	99
43) Isopropyl Acetate	8.492	43	43183	4.804	ug/l	97
44) Trichloroethene	9.151	130	20206	4.896	ug/l	83
45) 1,2-Dichloropropane	9.428	63	19950	4.869	ug/l	92
46) Dibromomethane	9.516	93	14617	5.119	ug/l	97
47) Bromodichloromethane	9.698	83	26937	4.951	ug/l	94
48) Methyl methacrylate	9.498	41	18987	4.892	ug/l	91
49) 1,4-Dioxane	9.504	88	10412	97.157	ug/l	98
51) 4-Methyl-2-Pentanone	10.275	43	158878	24.916	ug/l	98
52) Toluene	10.445	92	48646	4.889	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	25817	4.775	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	28606	4.718	ug/l	93
55) 1,1,2-Trichloroethane	10.839	97	21597	5.089	ug/l	97
56) Ethyl methacrylate	10.704	69	25894	4.493	ug/l	93
57) 1,3-Dichloropropane	10.986	76	36404	5.148	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.980	63	58111	22.063	ug/l	99
59) 2-Hexanone	11.027	43	121294	24.932	ug/l	95
60) Dibromochloromethane	11.174	129	19887	4.708	ug/l	97
61) 1,2-Dibromoethane	11.286	107	21265	4.945	ug/l	95
64) Tetrachloroethene	10.916	164	19951	4.906	ug/l	95
65) Chlorobenzene	11.710	112	53445	4.889	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.780	131	18450	4.770	ug/l	95
67) Ethyl Benzene	11.786	91	86319	4.744	ug/l	98
68) m/p-Xylenes	11.892	106	66776	9.569	ug/l	96
69) o-Xylene	12.221	106	32212	4.757	ug/l	99
70) Styrene	12.233	104	49203	4.542	ug/l	97
71) Bromoform	12.404	173	14546	4.632	ug/l #	95
73) Isopropylbenzene	12.521	105	78865	5.017	ug/l	100
74) N-amyl acetate	12.327	43	29313	4.971	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.768	83	33561	5.541	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	29643m	5.849	ug/l	
77) Bromobenzene	12.798	156	21576	5.313	ug/l	96
78) n-propylbenzene	12.863	91	85424	4.899	ug/l	97
79) 2-Chlorotoluene	12.945	91	55664	5.109	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	62901	4.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	8221	4.981	ug/l	91
82) 4-Chlorotoluene	13.045	91	53192	5.098	ug/l	99
83) tert-Butylbenzene	13.263	119	54302	4.807	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	61916	4.932	ug/l	98
85) sec-Butylbenzene	13.439	105	77027	4.948	ug/l	99
86) p-Isopropyltoluene	13.557	119	56278	4.574	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	36953	5.058	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	36692	4.923	ug/l	94
89) n-Butylbenzene	13.880	91	44460	4.406	ug/l	94
90) Hexachloroethane	14.151	117	12919	5.118	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	38469	5.109	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	6039	5.059	ug/l	97
93) 1,2,4-Trichlorobenzene	15.192	180	16264	4.370	ug/l	99
94) Hexachlorobutadiene	15.298	225	10182	5.022	ug/l	97
95) Naphthalene	15.439	128	50223	4.149	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	16782	4.309	ug/l	100

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 01:29:16 2022
Response via : Initial Calibration

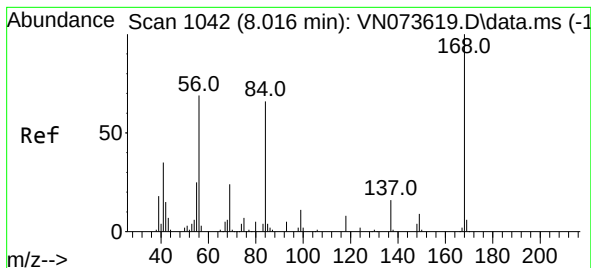
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

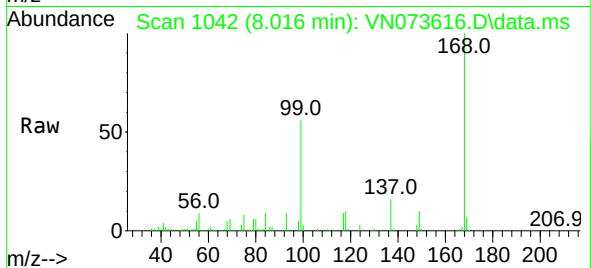
Quant Time: Jul 29 01:30:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

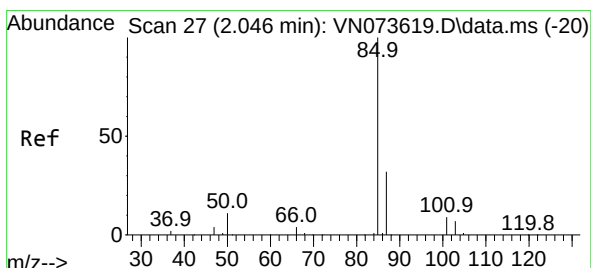
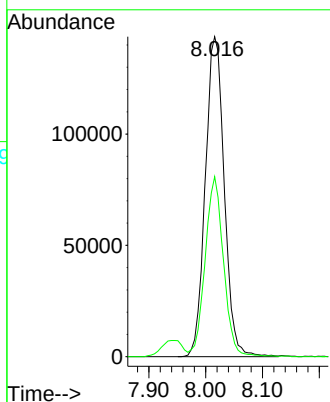
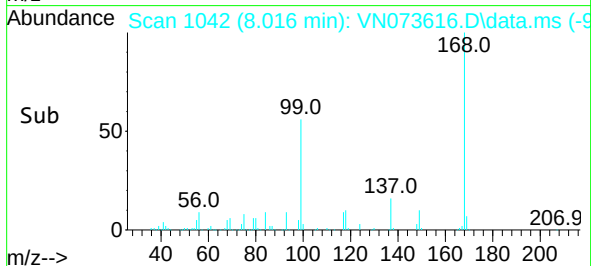
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



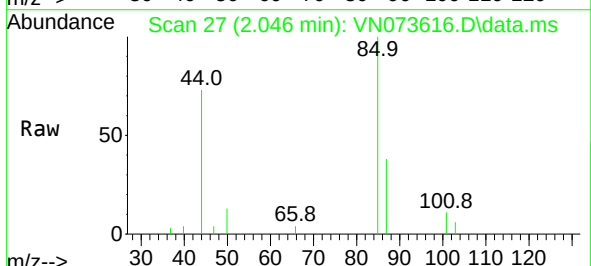
Tgt Ion:168 Resp: 33255
Ion Ratio Lower Upper
168 100
99 56.1 42.3 63.5

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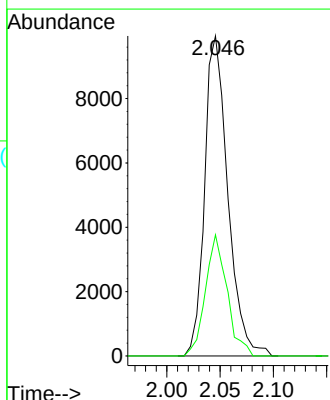
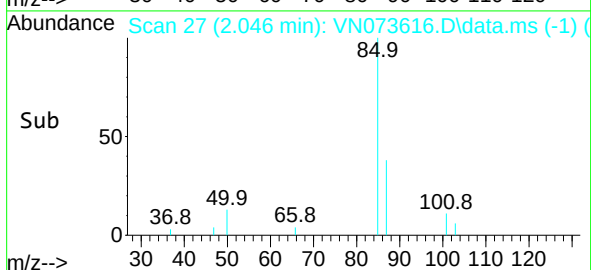
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

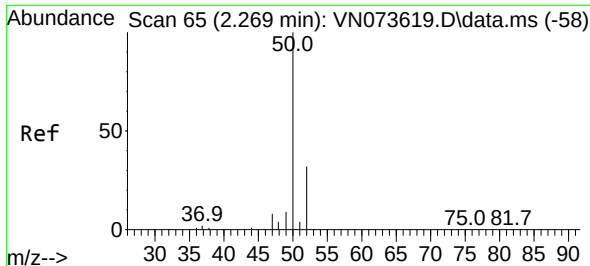


#2
Dichlorodifluoromethane
Concen: 4.741 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



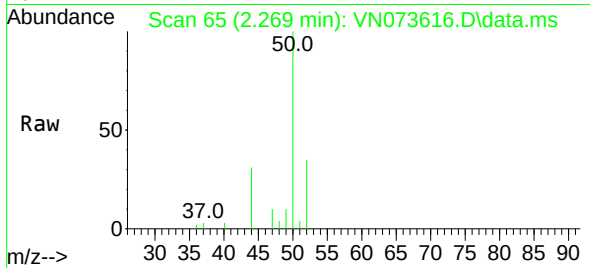
Tgt Ion: 85 Resp: 15052
Ion Ratio Lower Upper
85 100
87 37.9 15.7 47.1





#3
Chloromethane
Concen: 5.046 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

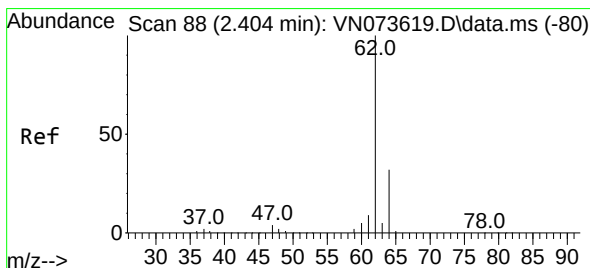
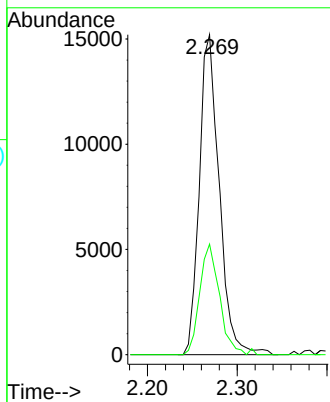
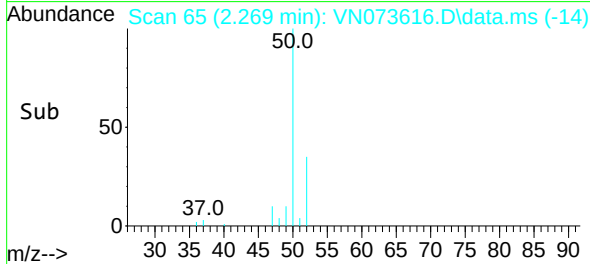
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 23428
Ion Ratio Lower Upper
50 100
52 34.6 25.7 38.5

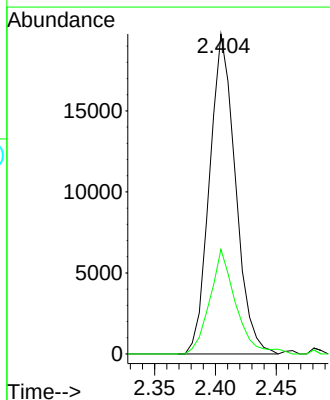
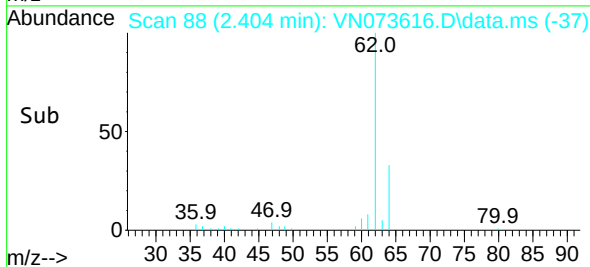
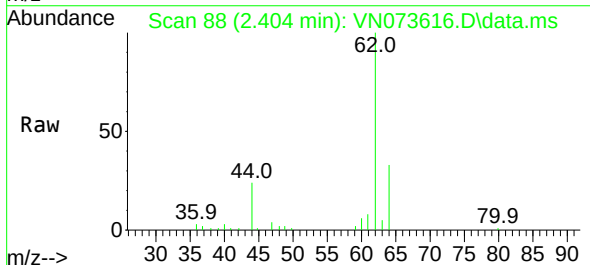
Manual Integrations
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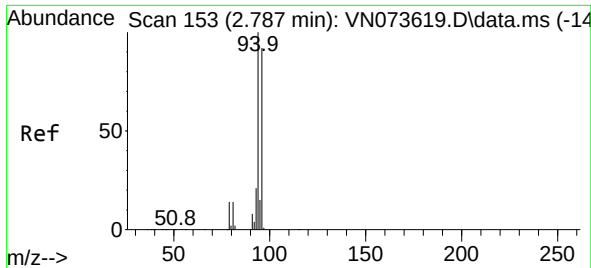
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#4
Vinyl Chloride
Concen: 5.226 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

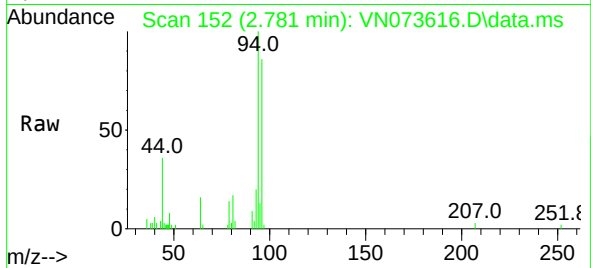
Tgt Ion: 62 Resp: 29266
Ion Ratio Lower Upper
62 100
64 32.7 25.0 37.4





#5
Bromomethane
Concen: 5.730 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

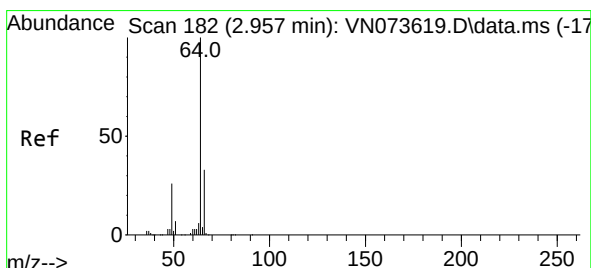
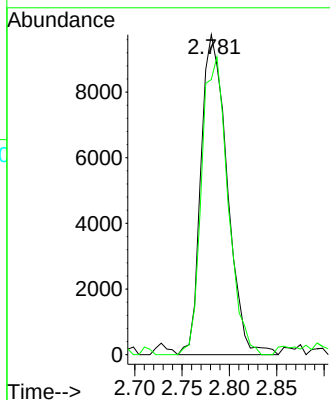
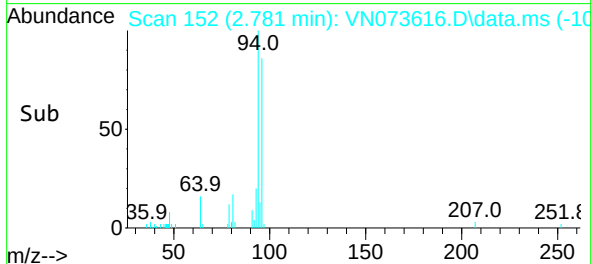
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 94 Resp: 18748
Ion Ratio Lower Upper
94 100
96 86.0 76.0 114.0

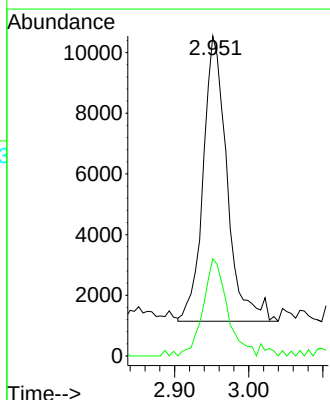
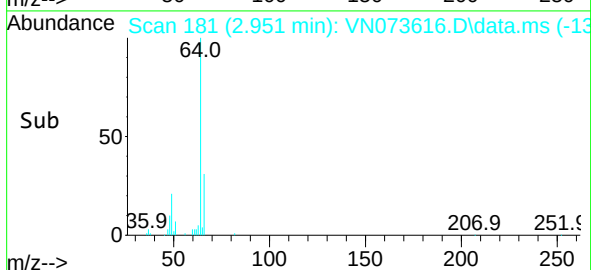
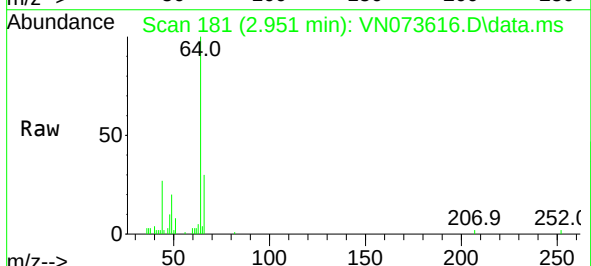
Manual Integrations
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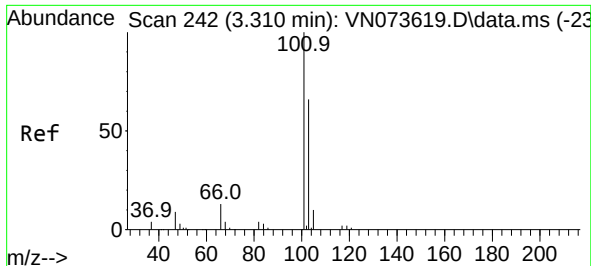
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#6
Chloroethane
Concen: 5.372 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion: 64 Resp: 21090
Ion Ratio Lower Upper
64 100
66 34.1 26.2 39.4





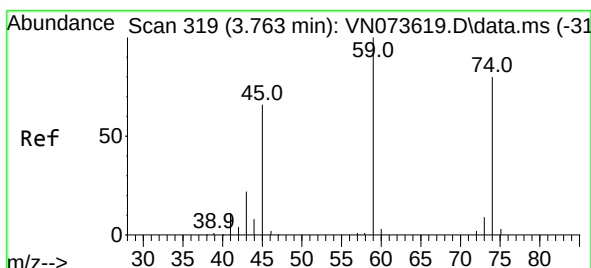
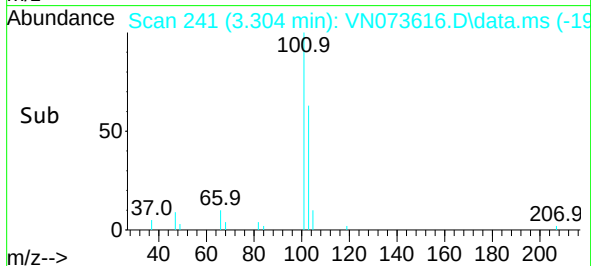
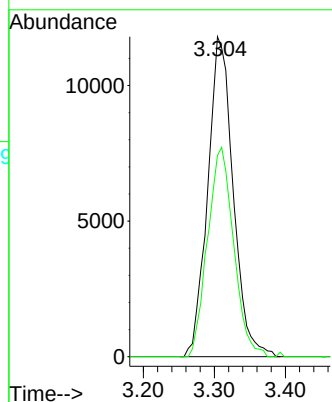
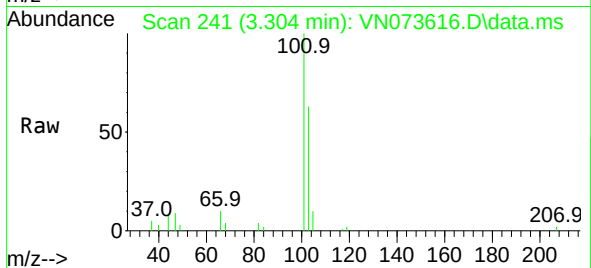
#7
Trichlorofluoromethane
Concen: 5.077 ug/l
RT: 3.304 min Scan# 242
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 29389
Ion Ratio Lower Upper
101 100
103 62.9 51.5 77.3

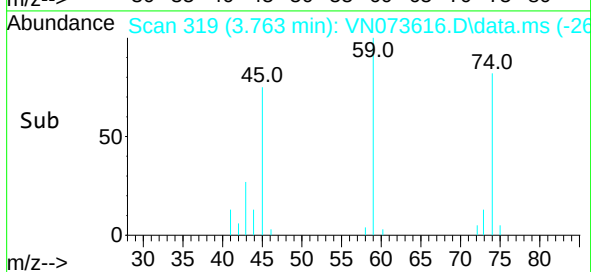
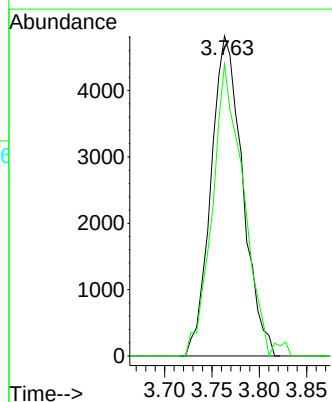
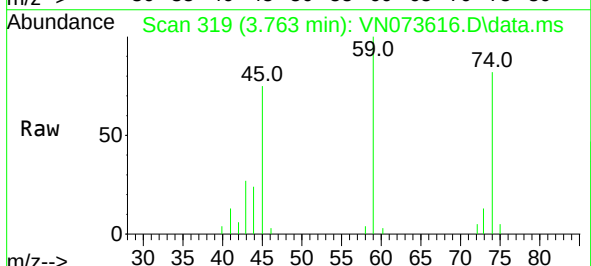
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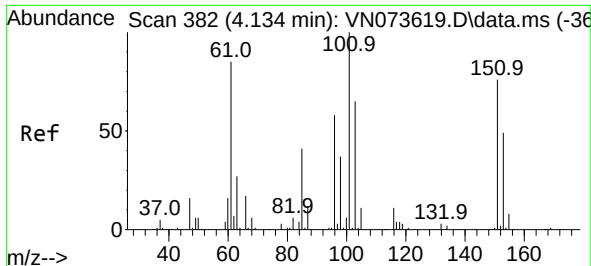
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#8
Diethyl Ether
Concen: 5.273 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion: 74 Resp: 11194
Ion Ratio Lower Upper
74 100
45 90.0 42.9 128.5





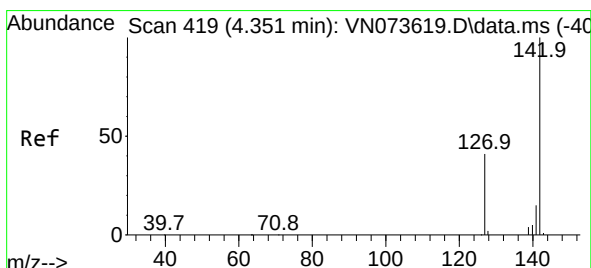
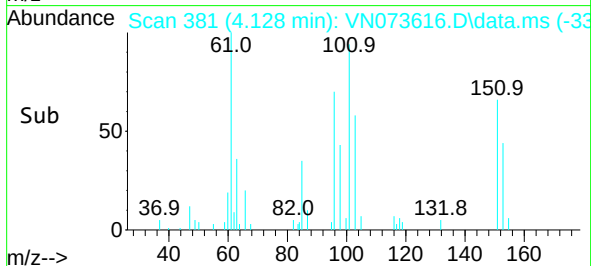
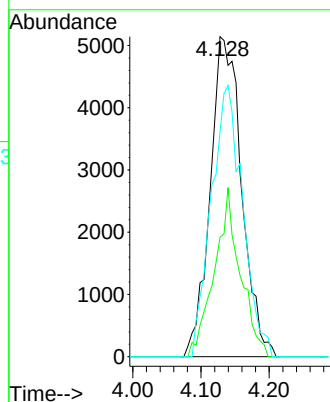
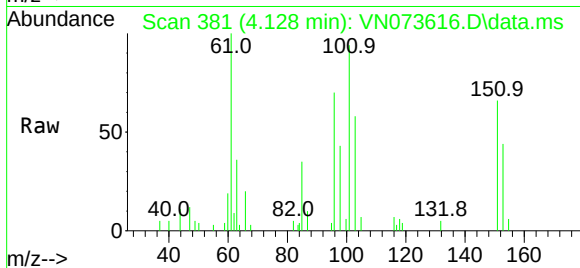
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.999 ug/l
RT: 4.128 min Scan# 381
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 1649
Ion Ratio Lower Upper
101 100
85 43.3 34.7 52.1
151 84.9 63.0 94.4

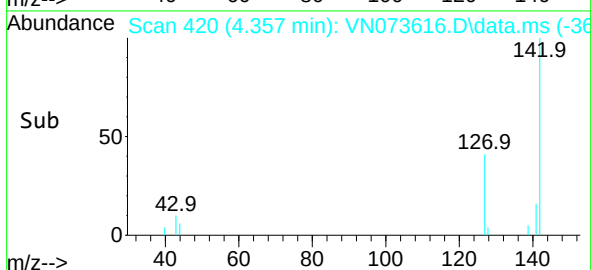
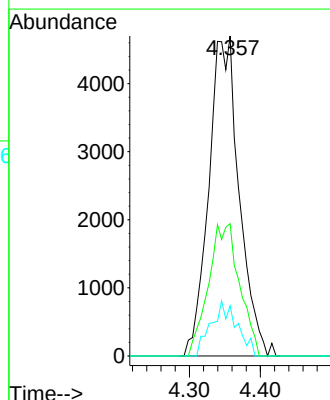
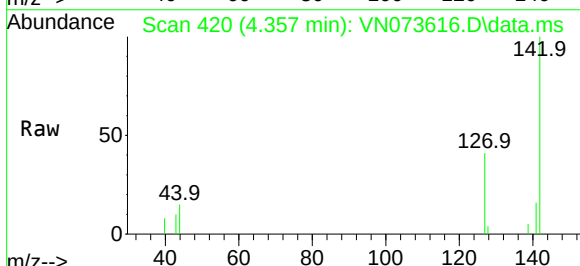
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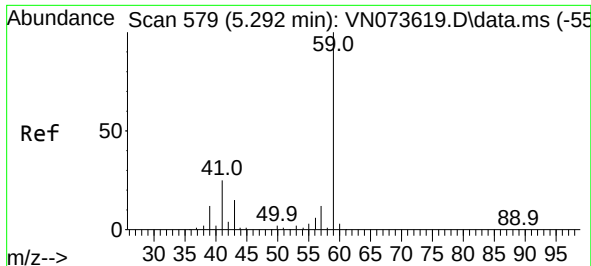
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#10
Methyl Iodide
Concen: 4.269 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion:142 Resp: 13959
Ion Ratio Lower Upper
142 100
127 42.3 31.3 46.9
141 14.6 11.2 16.8





#11

Tert butyl alcohol

Concen: 25.375 ug/l

RT: 5.292 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 22179

Ion Ratio Lower Upper

59 100

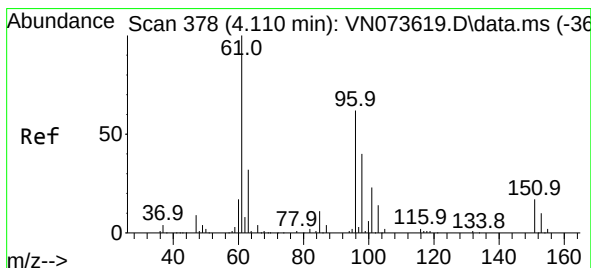
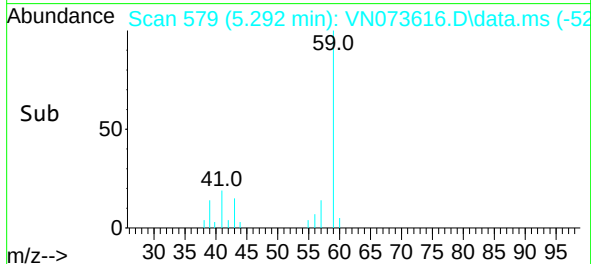
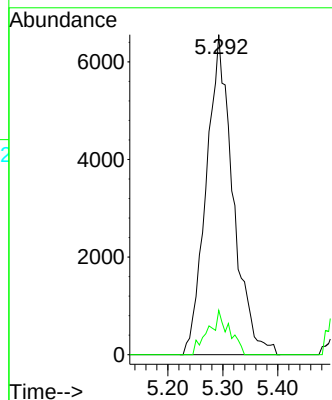
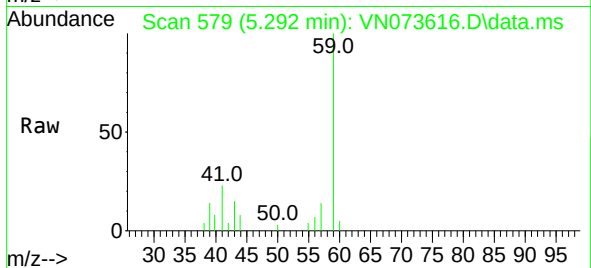
57 10.8 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#12

1,1-Dichloroethene

Concen: 5.192 ug/l

RT: 4.116 min Scan# 379

Delta R.T. 0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

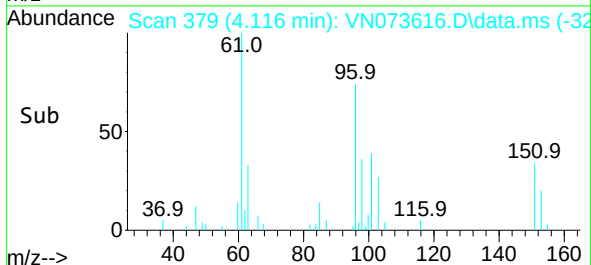
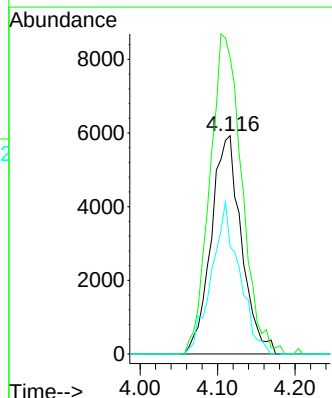
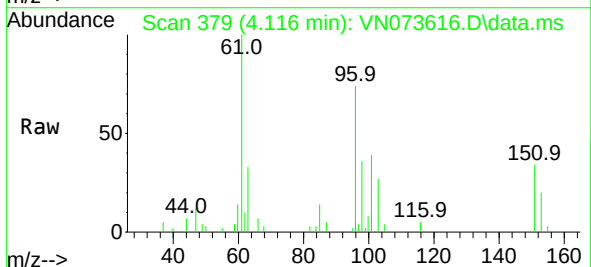
Tgt Ion: 96 Resp: 16067

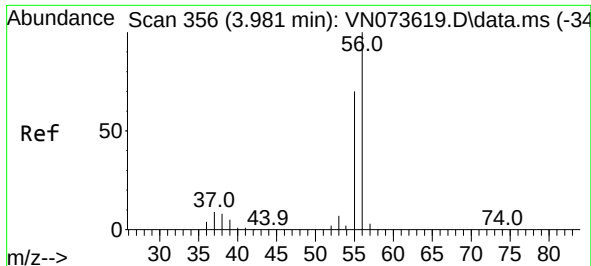
Ion Ratio Lower Upper

96 100

61 135.8 127.6 191.4

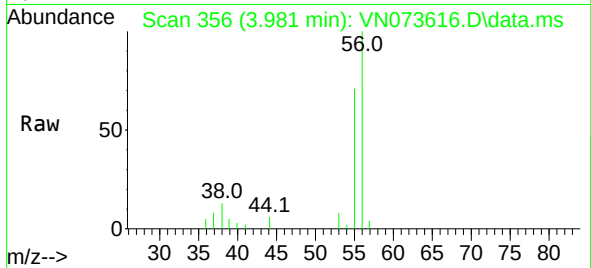
98 49.1 51.2 76.8#





#13
Acrolein
Concen: 26.824 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

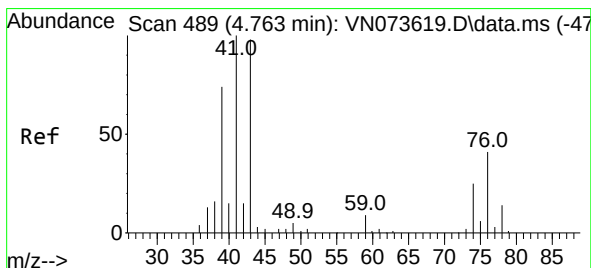
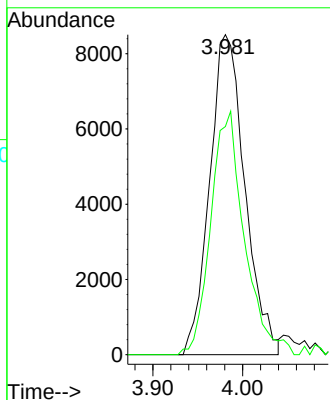
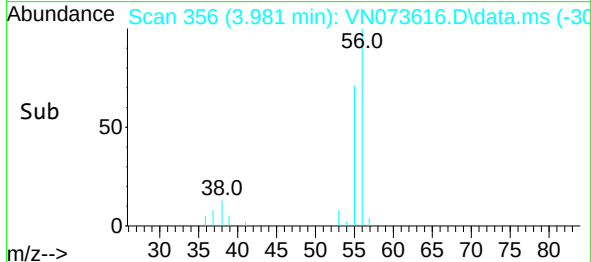
Instrument : MSVOA_N
ClientSampleId : VSTDICC005



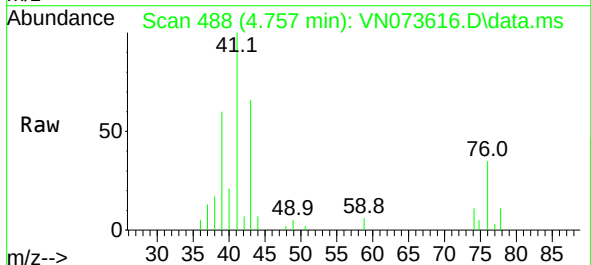
Tgt Ion: 56 Resp: 2324
Ion Ratio Lower Upper
56 100
55 72.2 54.8 82.2

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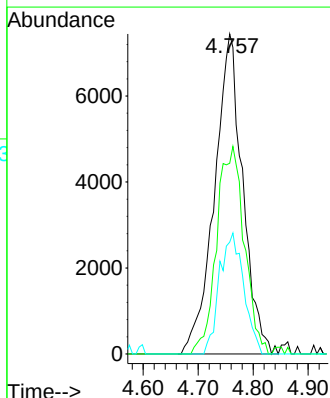
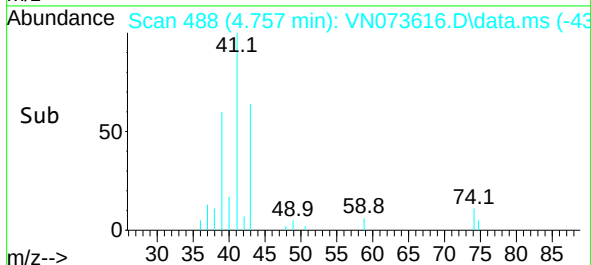
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

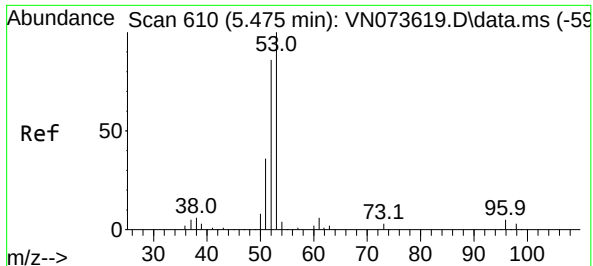


#14
Allyl chloride
Concen: 5.180 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



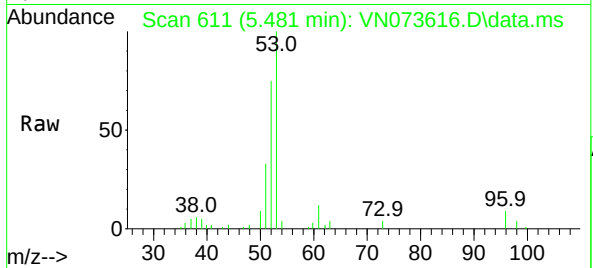
Tgt Ion: 41 Resp: 26527
Ion Ratio Lower Upper
41 100
39 63.6 53.2 79.8
76 32.4 29.9 44.9





#15
Acrylonitrile
Concen: 26.727 ug/l
RT: 5.481 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

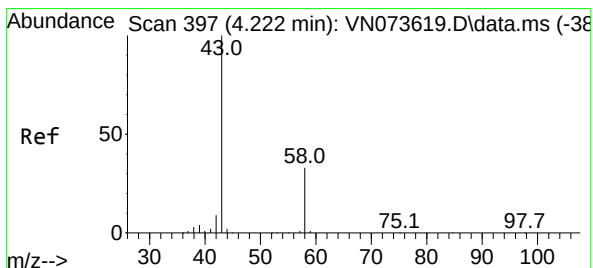
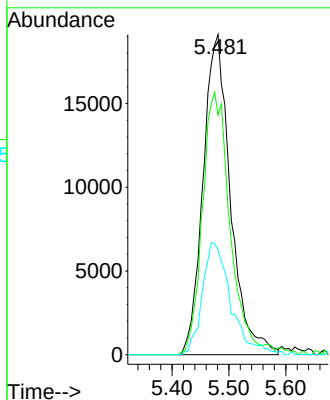
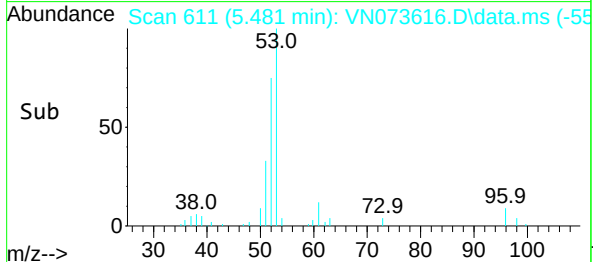
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



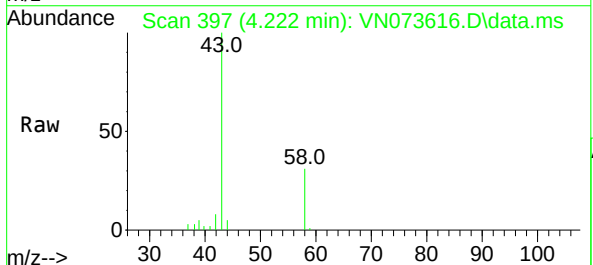
Tgt Ion: 53 Resp: 6394
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 36.5 28.5 42.7

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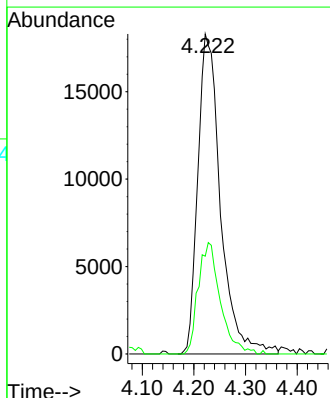
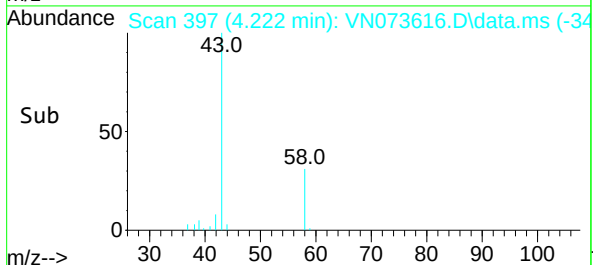
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

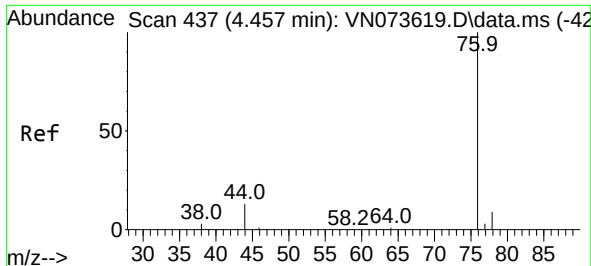


#16
Acetone
Concen: 25.669 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion: 43 Resp: 55720
Ion Ratio Lower Upper
43 100
58 30.6 26.0 39.0





#17

Carbon Disulfide

Concen: 5.043 ug/l

RT: 4.451 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 42804

Ion Ratio Lower Upper

76 100

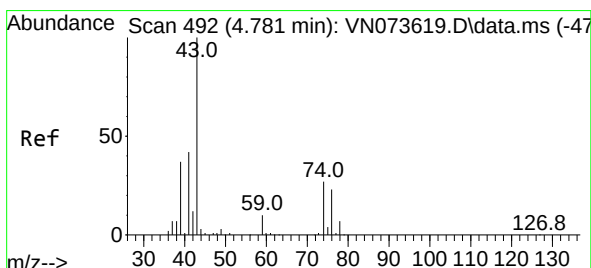
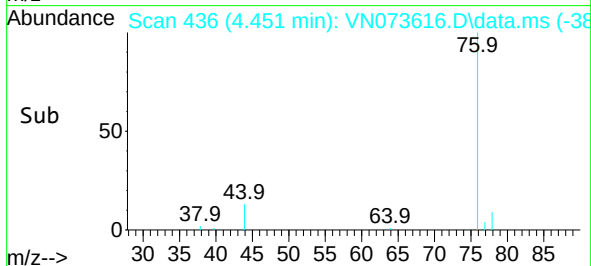
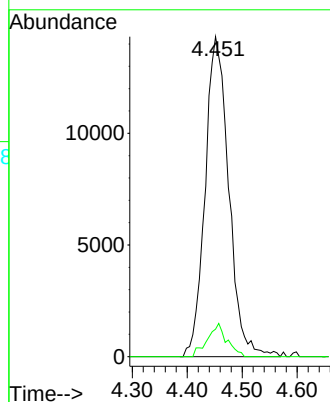
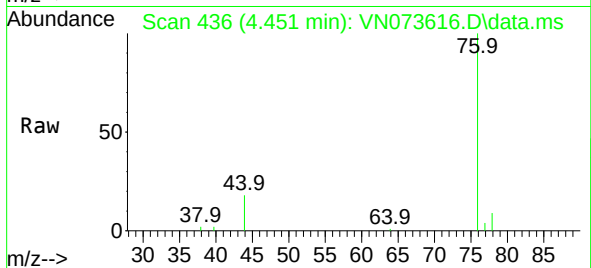
78 8.6 7.2 10.8

Manual Integrations

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Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#18

Methyl Acetate

Concen: 5.280 ug/l

RT: 4.781 min Scan# 492

Delta R.T. -0.000 min

Lab File: VN073616.D

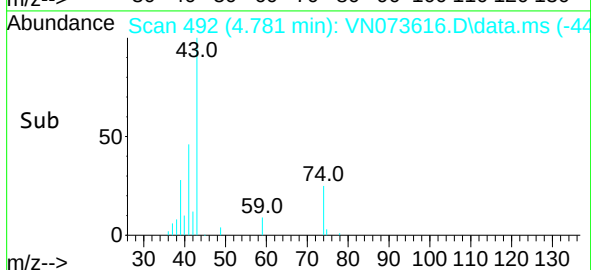
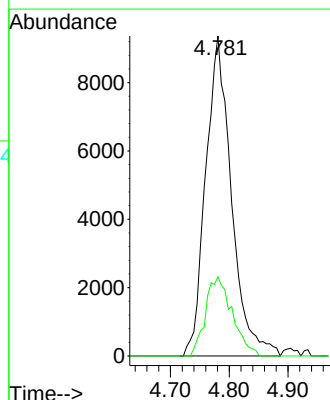
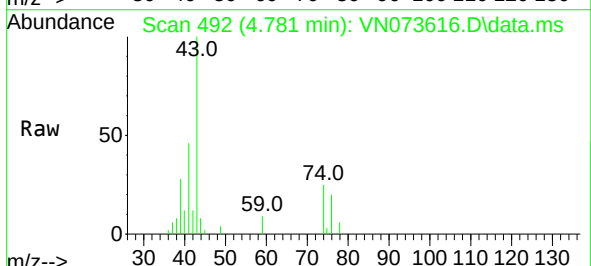
Acq: 28 Jul 2022 10:55

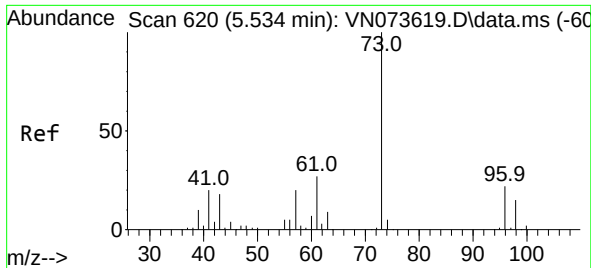
Tgt Ion: 43 Resp: 28501

Ion Ratio Lower Upper

43 100

74 25.6 21.6 32.4





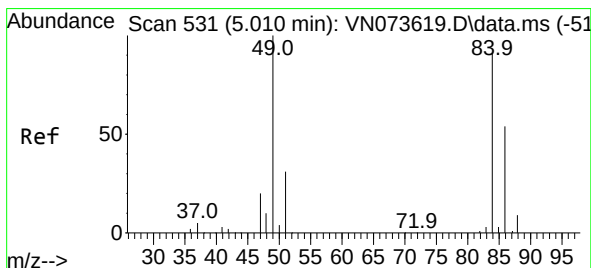
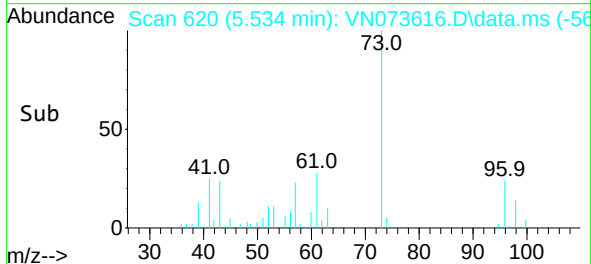
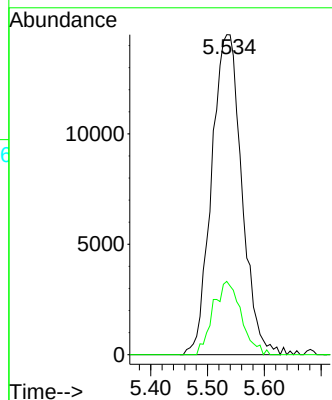
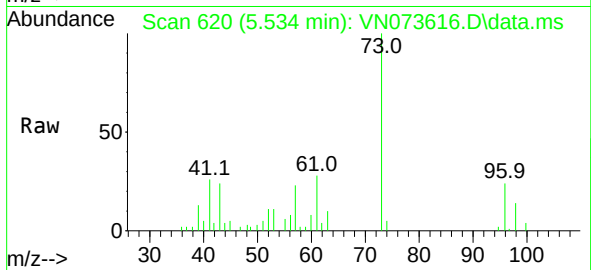
#19
Methyl tert-butyl Ether
Concen: 5.047 ug/l
RT: 5.534 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 5347
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

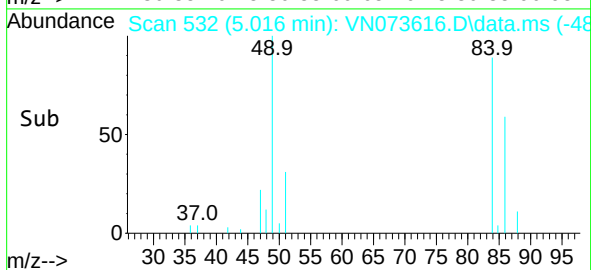
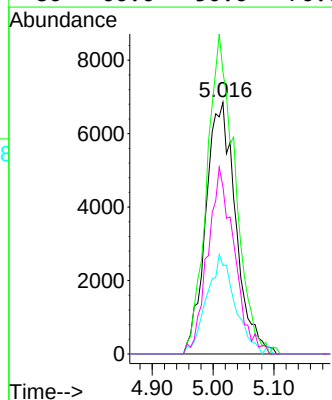
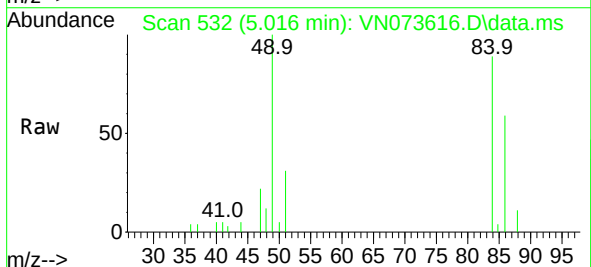
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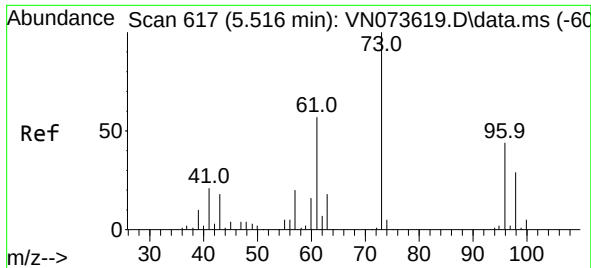
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#20
Methylene Chloride
Concen: 5.405 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion: 84 Resp: 23338
Ion Ratio Lower Upper
84 100
49 112.1 88.3 132.5
51 35.2 28.2 42.2
86 66.6 50.6 76.0





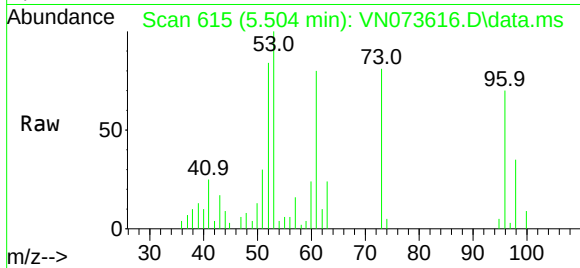
#21
trans-1,2-Dichloroethene
Concen: 5.125 ug/l
RT: 5.504 min Scan# 615
Delta R.T. -0.012 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005



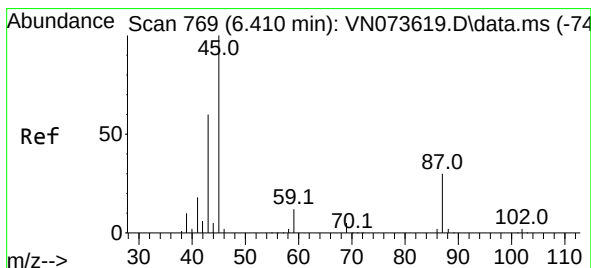
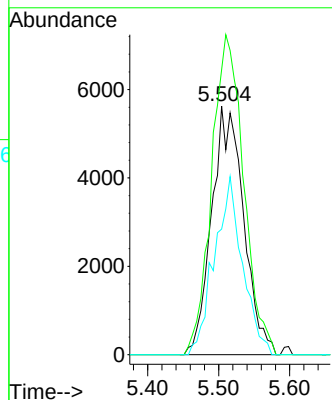
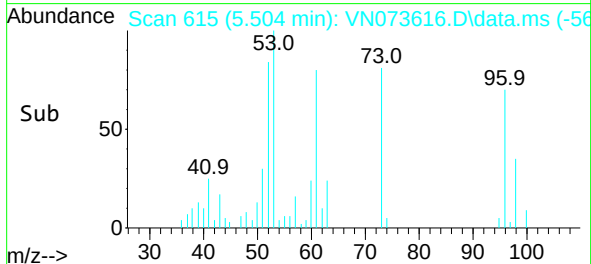
Tgt Ion: 96 Resp: 17558
Ion Ratio Lower Upper
96 100
61 114.7 105.8 158.8
98 50.5 50.3 75.5

Manual Integrations

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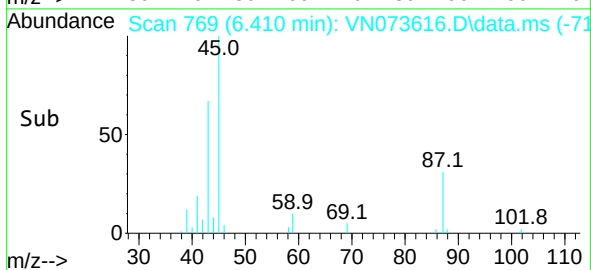
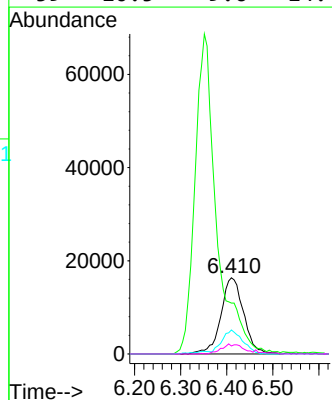
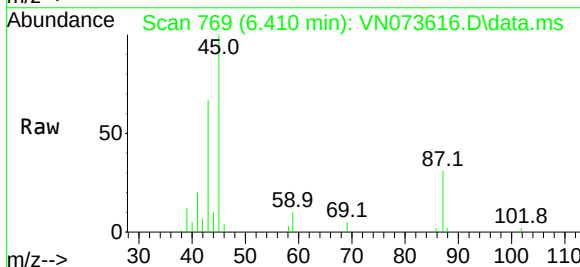
Reviewed By :John Carlone 07/29/2022

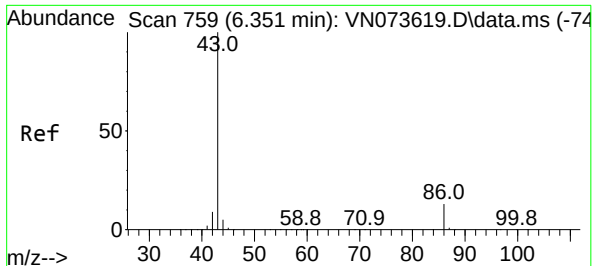
Supervised By :Mahesh Dadoda 07/29/2022



#22
Diisopropyl ether
Concen: 5.264 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion: 45 Resp: 55889
Ion Ratio Lower Upper
45 100
43 65.0 46.6 70.0
87 31.4 24.3 36.5
59 10.5 9.6 14.4





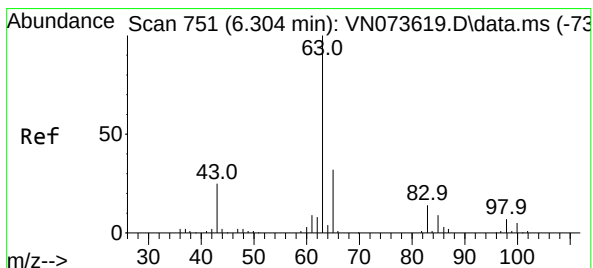
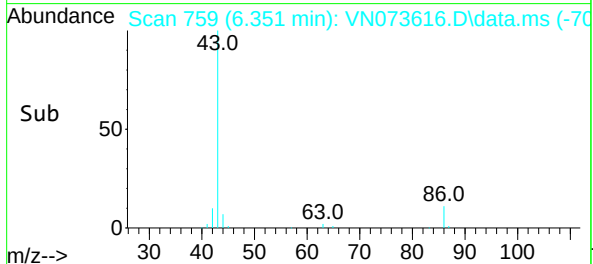
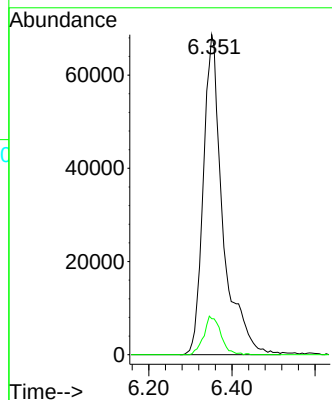
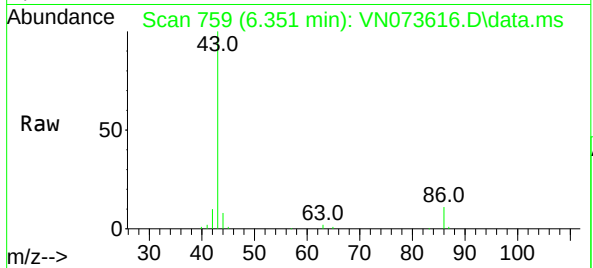
#23
 Vinyl Acetate
 Concen: 24.928 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: VN073616.D
 Acq: 28 Jul 2022 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 43 Resp: 22451
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.0 15.0

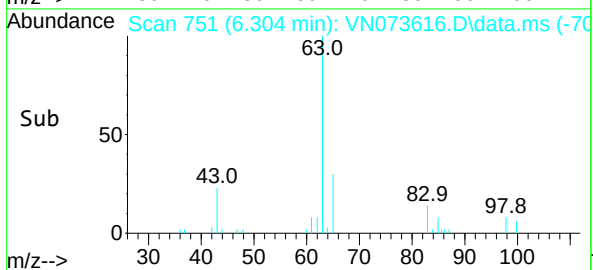
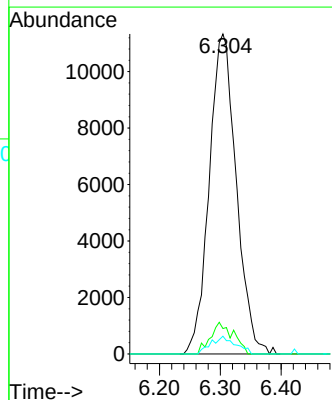
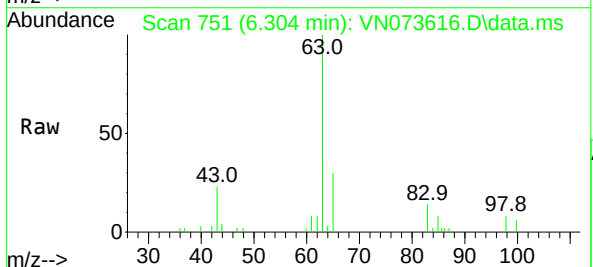
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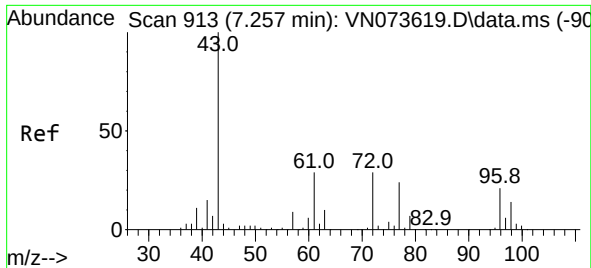
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#24
 1,1-Dichloroethane
 Concen: 5.330 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073616.D
 Acq: 28 Jul 2022 10:55

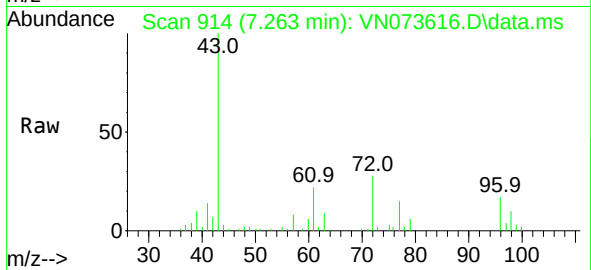
Tgt Ion: 63 Resp: 34981
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.5 2.3 6.8





#25
2-Butanone
Concen: 26.439 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

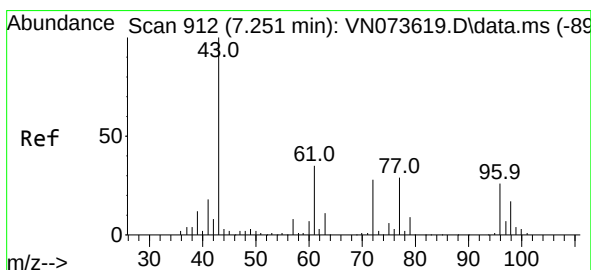
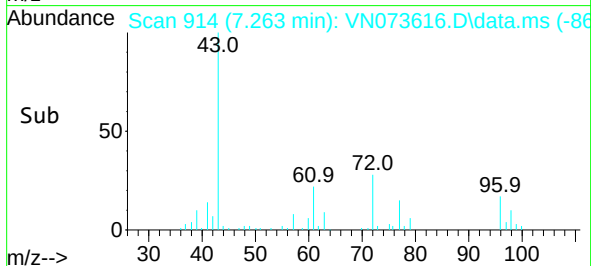
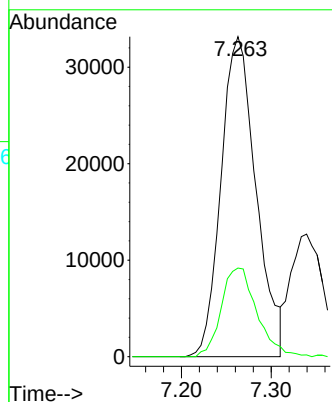
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 8989
Ion Ratio Lower Upper
43 100
72 27.7 23.7 35.5

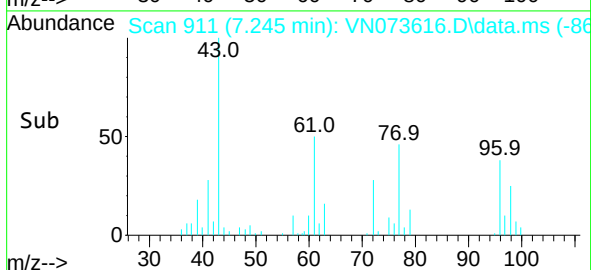
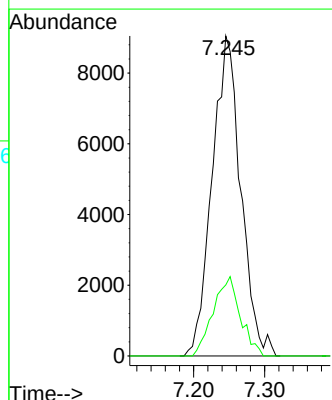
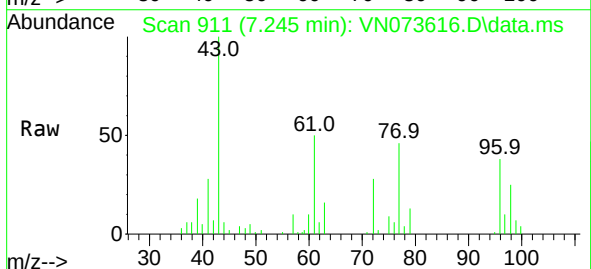
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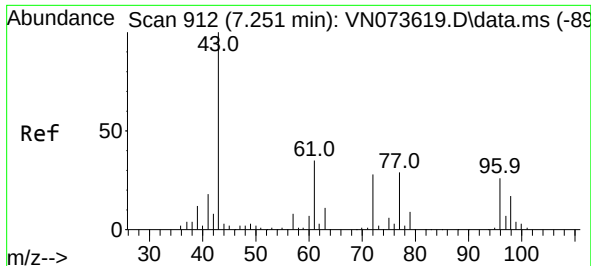
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#26
2,2-Dichloropropane
Concen: 4.786 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

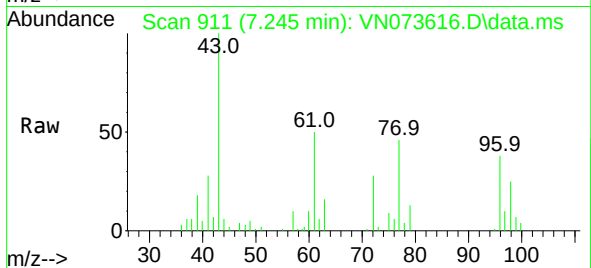
Tgt Ion: 77 Resp: 25327
Ion Ratio Lower Upper
77 100
97 23.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 5.166 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073616.D
 Acq: 28 Jul 2022 10:55

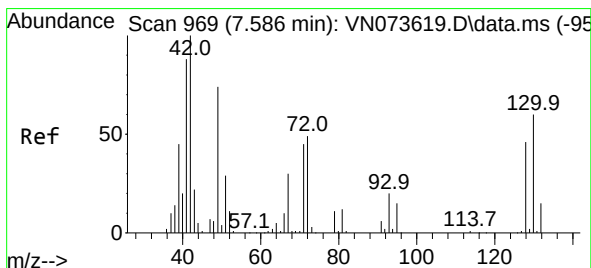
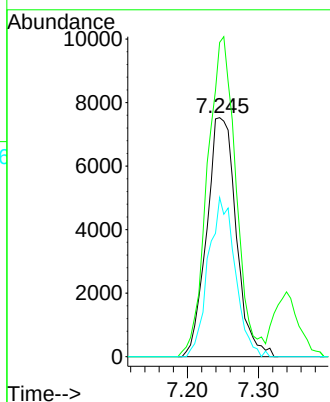
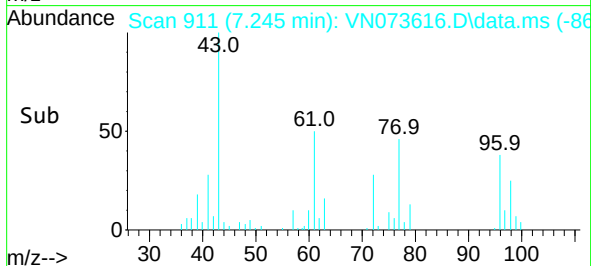
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 2164
 Ion Ratio Lower Upper
 96 100
 61 128.8 0.0 280.6
 98 60.9 0.0 128.4

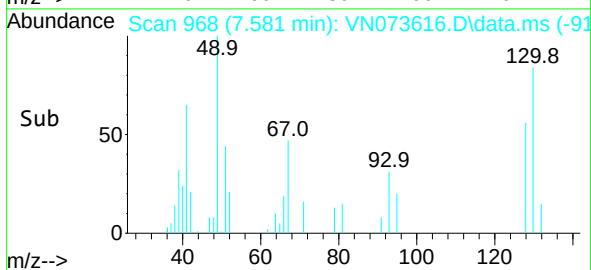
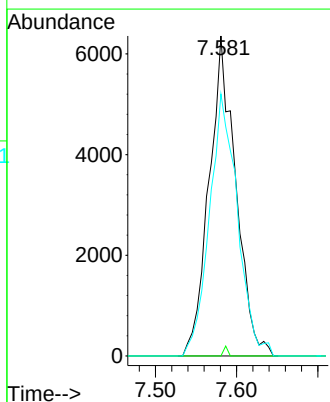
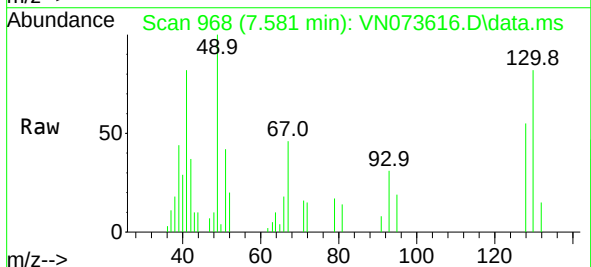
Manual Integrations
 APPROVED

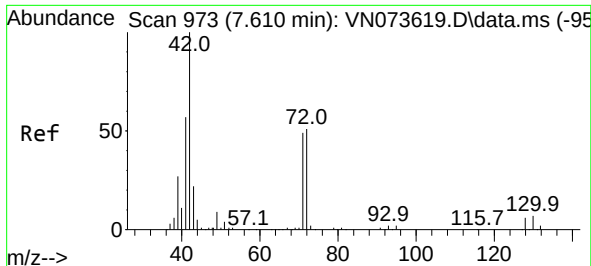
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#28
 Bromochloromethane
 Concen: 5.242 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073616.D
 Acq: 28 Jul 2022 10:55

Tgt Ion: 49 Resp: 14505
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 4.6
 130 86.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 25.872 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

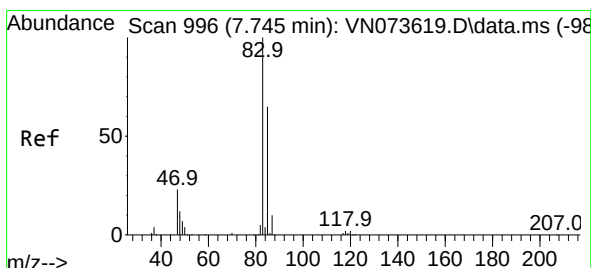
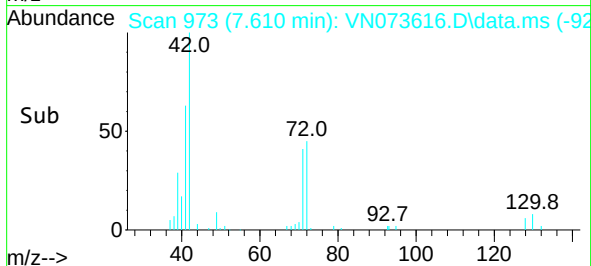
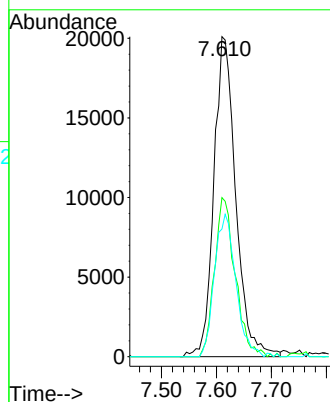
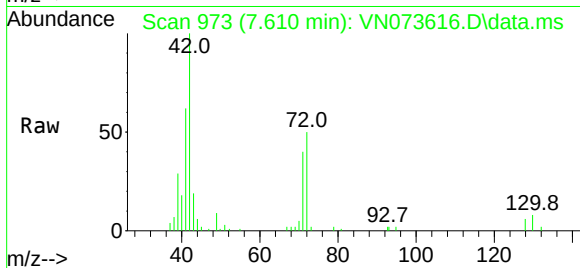
Tgt Ion: 42 Resp: 55592
 Ion Ratio Lower Upper
 42 100
 72 47.0 39.7 59.5
 71 43.4 36.6 55.0

Manual Integrations

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Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 5.194 ug/l

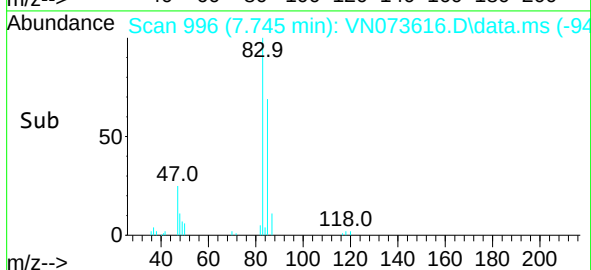
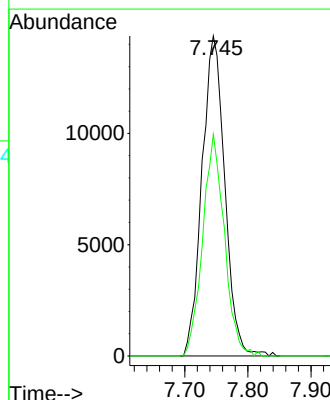
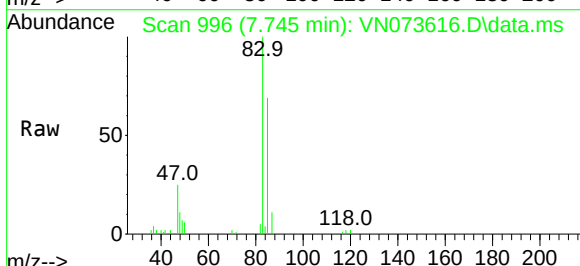
RT: 7.745 min Scan# 996

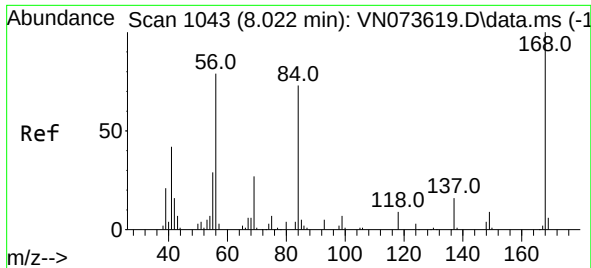
Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

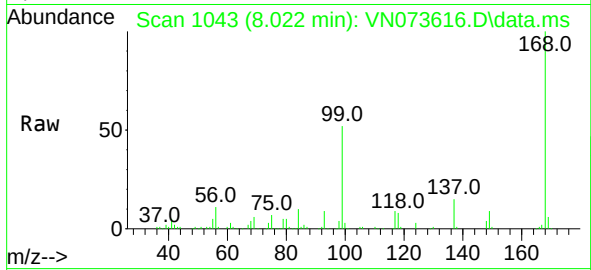
Tgt Ion: 83 Resp: 36086
 Ion Ratio Lower Upper
 83 100
 85 69.2 51.8 77.8





#31
Cyclohexane
Concen: 5.823 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

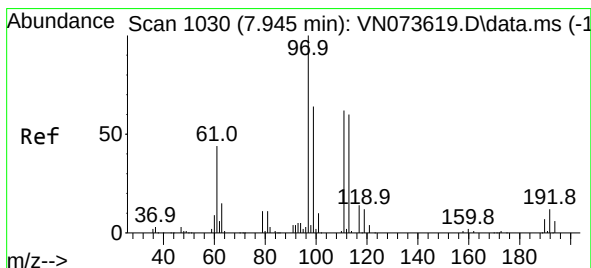
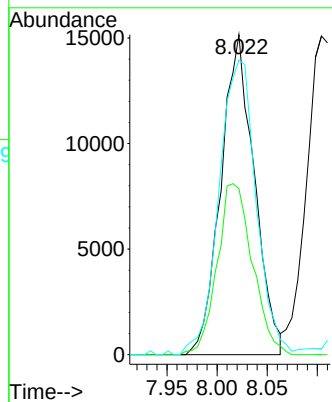
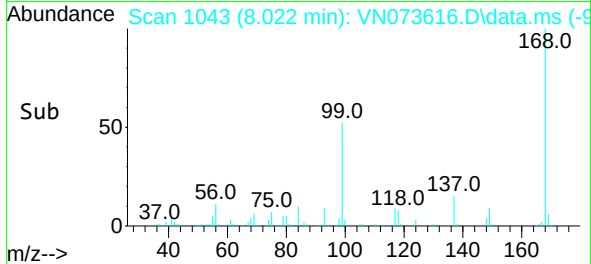
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



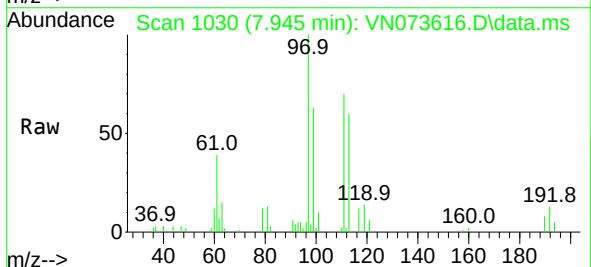
Tgt Ion: 56 Resp: 3513
Ion Ratio Lower Upper
56 100
69 51.8 27.8 41.8
84 92.1 76.9 115.3

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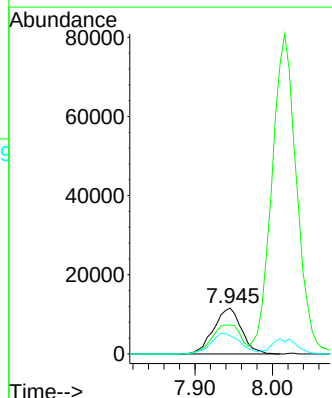
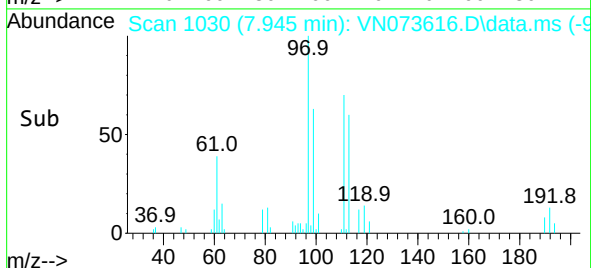
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

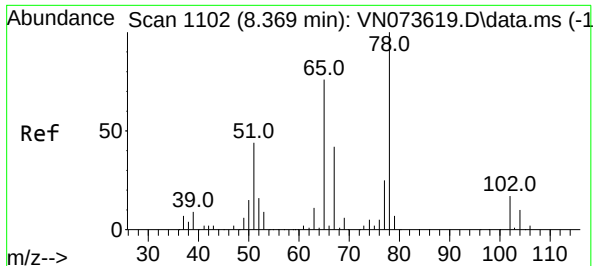


#32
1,1,1-Trichloroethane
Concen: 5.013 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion: 97 Resp: 28907
Ion Ratio Lower Upper
97 100
99 65.8 50.6 76.0
61 47.1 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 5.547 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 22480

Ion Ratio Lower Upper

65 100

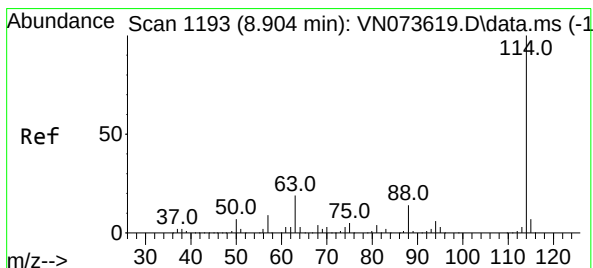
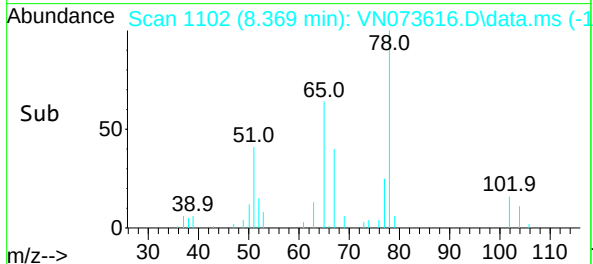
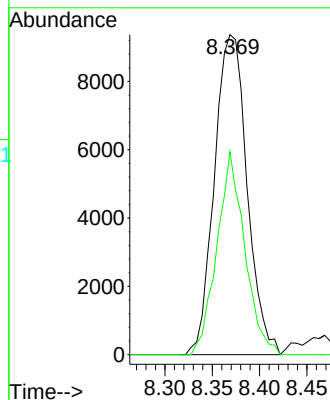
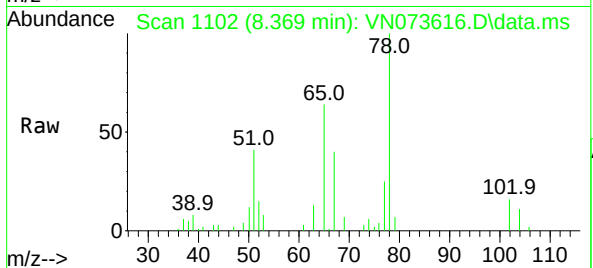
67 54.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

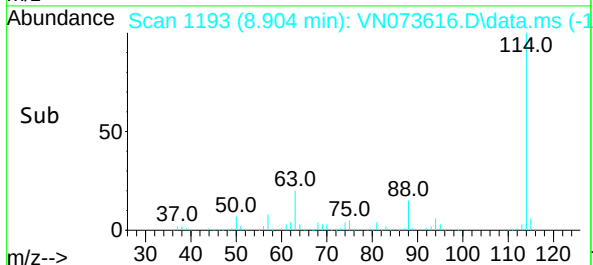
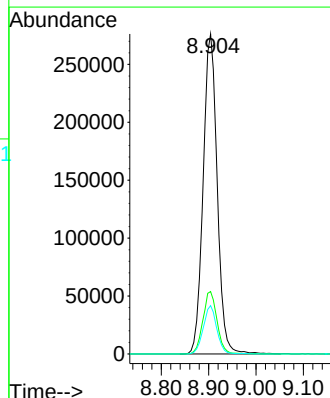
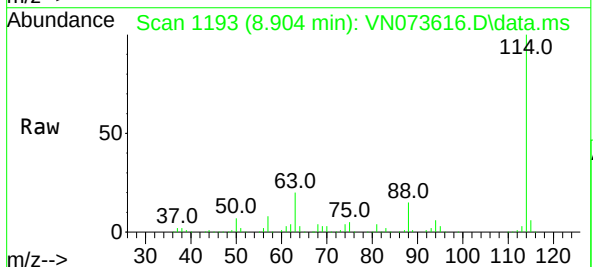
Tgt Ion:114 Resp: 568127

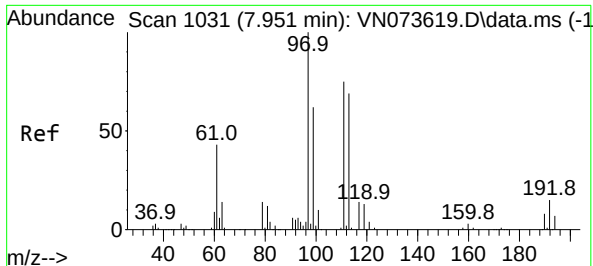
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 5.050 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

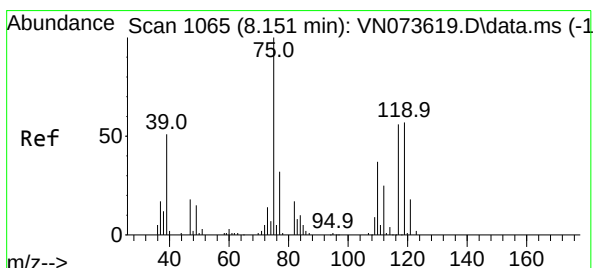
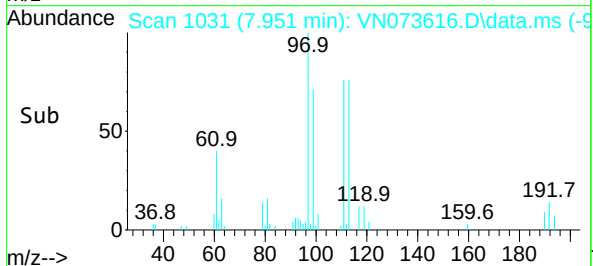
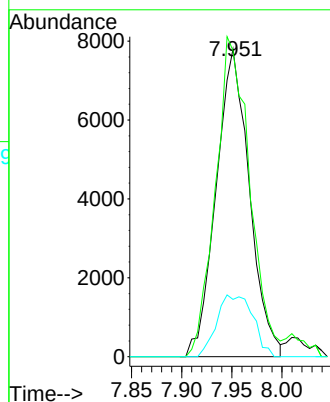
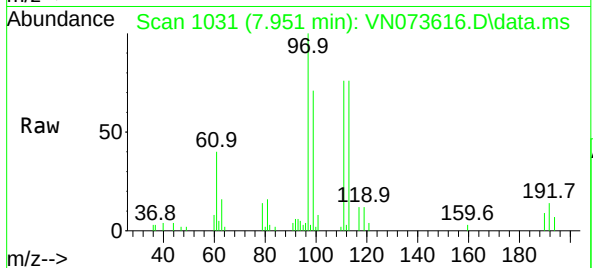
Tgt Ion:	113	Resp:	18014
Ion Ratio	Lower	Upper	
113	100		
111	106.3	81.4	122.0
192	21.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 4.943 ug/l

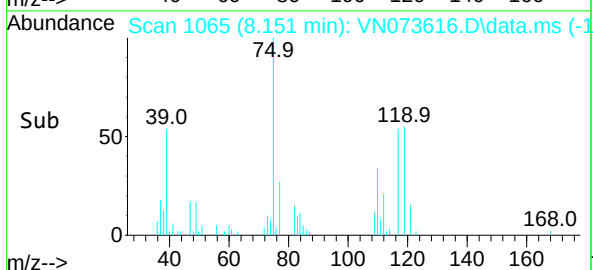
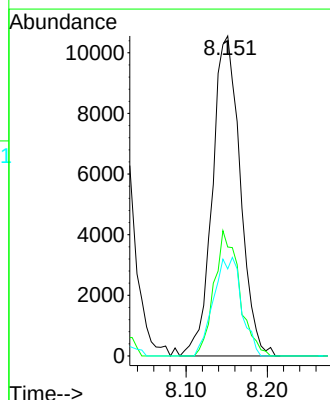
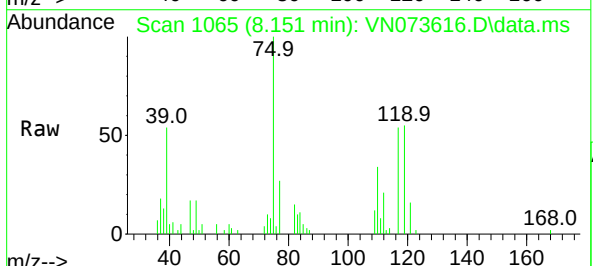
RT: 8.151 min Scan# 1065

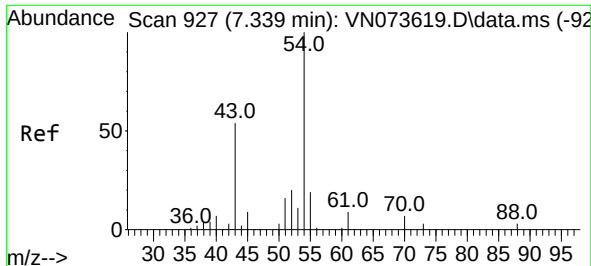
Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

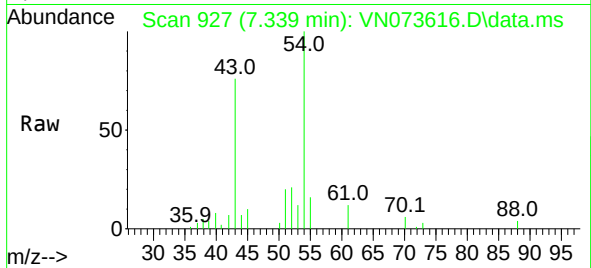
Tgt Ion:	75	Resp:	25144
Ion Ratio	Lower	Upper	
75	100		
110	35.7	18.3	54.8
77	30.9	25.1	37.7





#37
Ethyl Acetate
Concen: 5.229 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

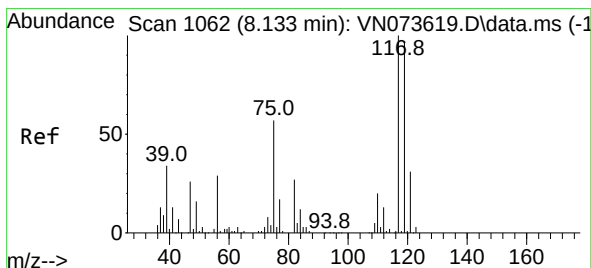
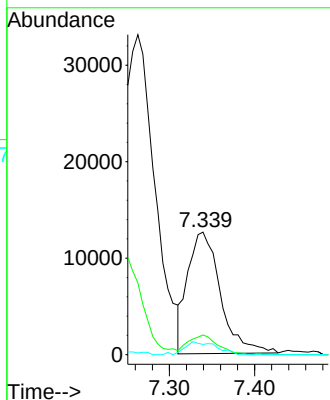
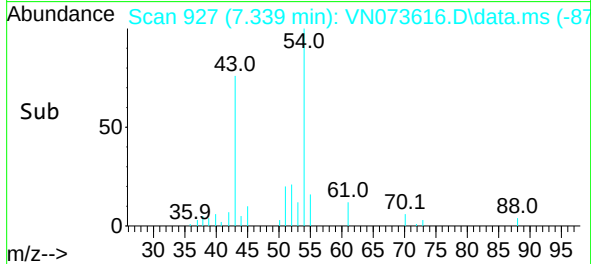
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



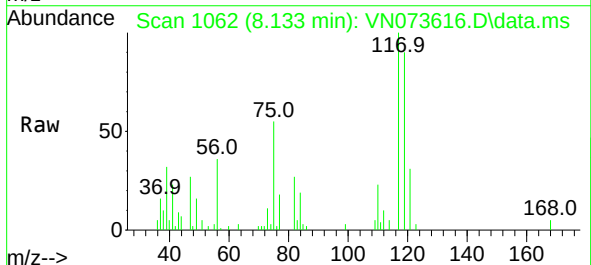
Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
61 14.5 11.8 17.6
70 10.2 9.3 13.9

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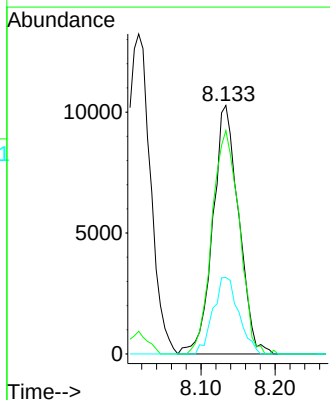
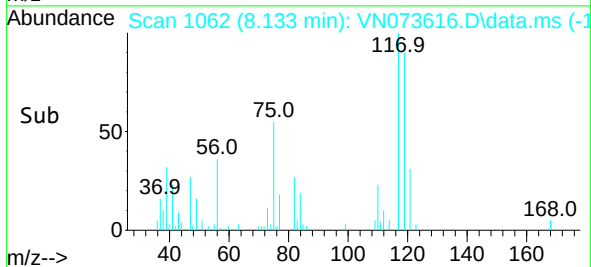
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

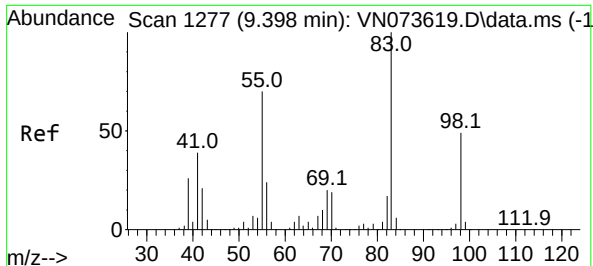


#38
Carbon Tetrachloride
Concen: 4.896 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion:117 Resp: 24961
Ion Ratio Lower Upper
117 100
119 89.9 75.8 113.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 4.571 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 27370

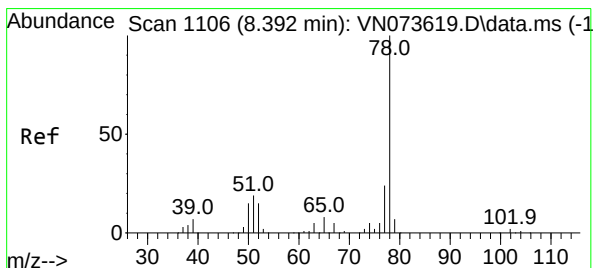
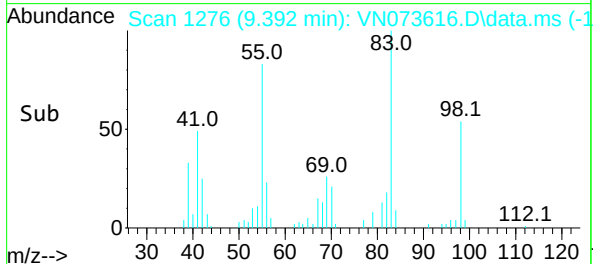
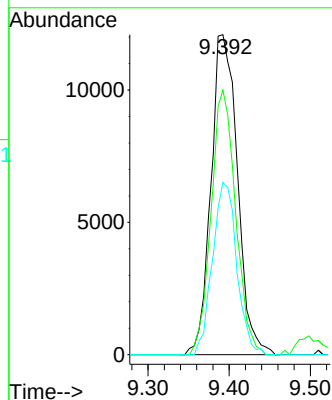
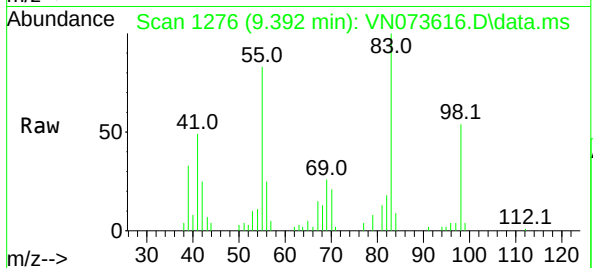
Ion	Ratio	Lower	Upper
83	100		
55	82.7	57.8	86.8
98	53.9	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#40

Benzene

Concen: 5.103 ug/l

RT: 8.392 min Scan# 1106

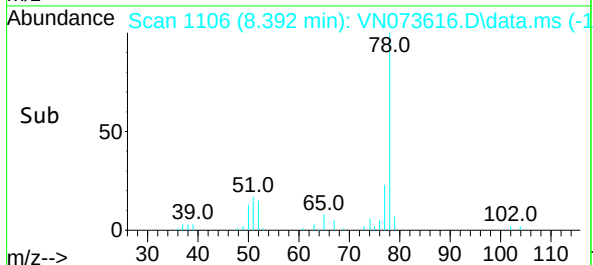
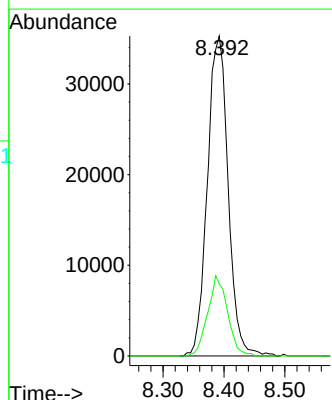
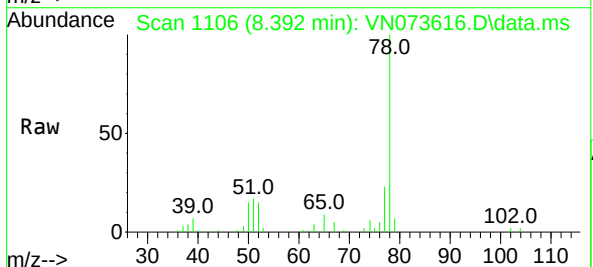
Delta R.T. -0.000 min

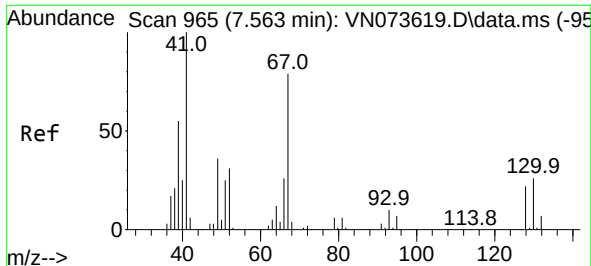
Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Tgt Ion: 78 Resp: 83557

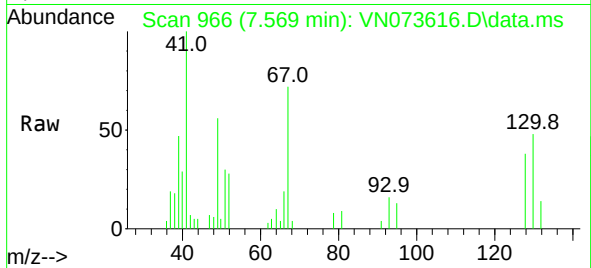
Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.4	29.0





#41
Methacrylonitrile
Concen: 5.015 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

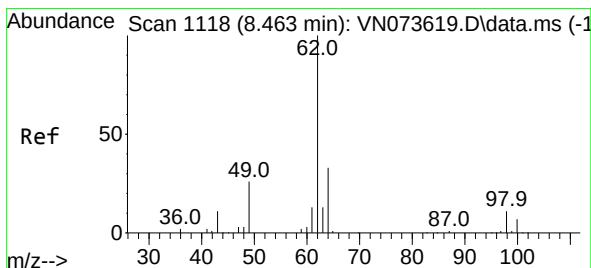
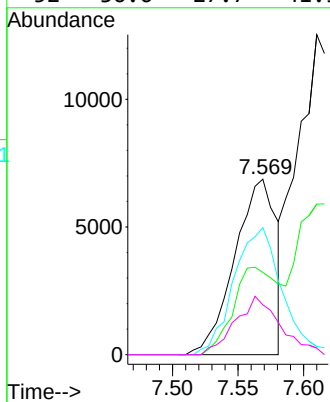
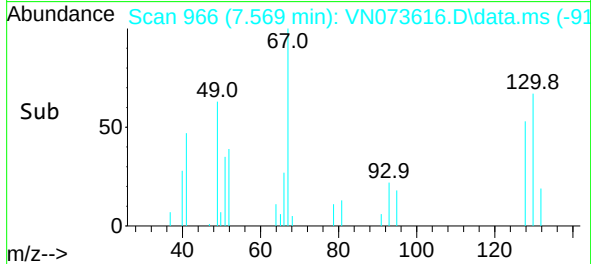


Tgt Ion: 41 Resp: 1511

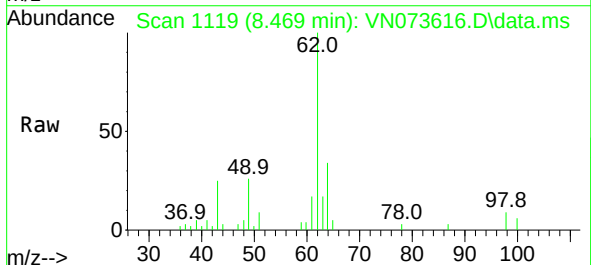
Ion	Ratio	Lower	Upper
41	100		
39	57.4	48.6	73.0
67	85.1	73.4	110.2
52	36.6	27.7	41.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

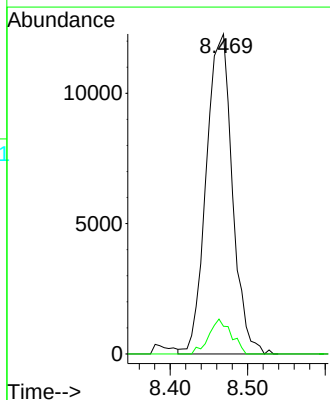
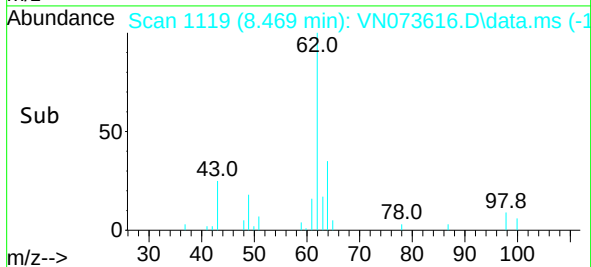


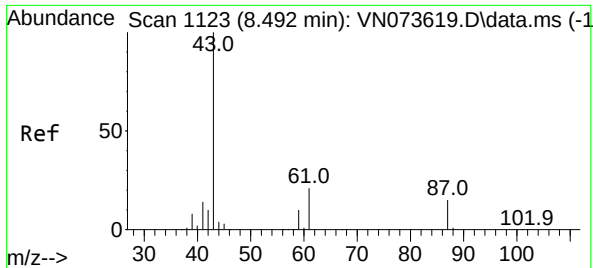
#42
1,2-Dichloroethane
Concen: 5.141 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion: 62 Resp: 28765

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.4





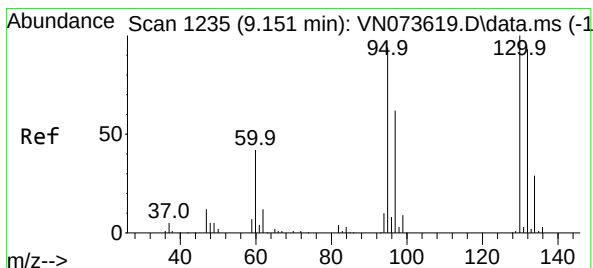
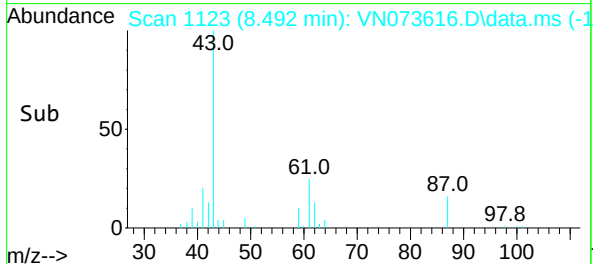
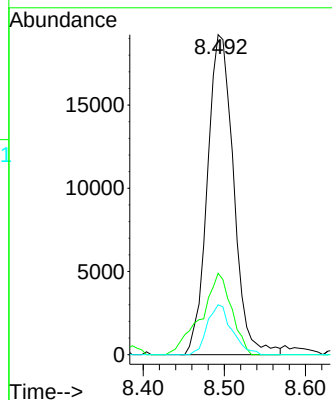
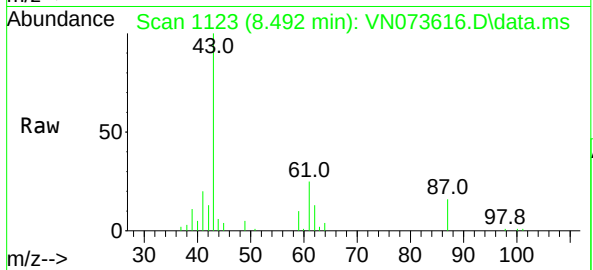
#43
Isopropyl Acetate
Concen: 4.804 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 4318
Ion Ratio Lower Upper
43 100
61 29.4 21.9 32.9
87 14.6 12.0 18.0

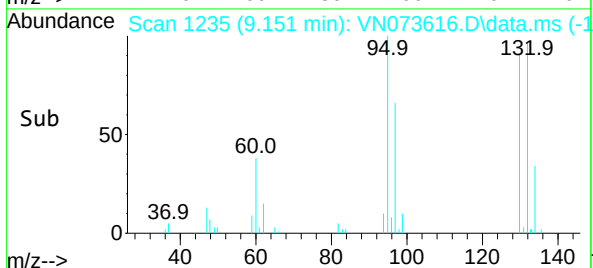
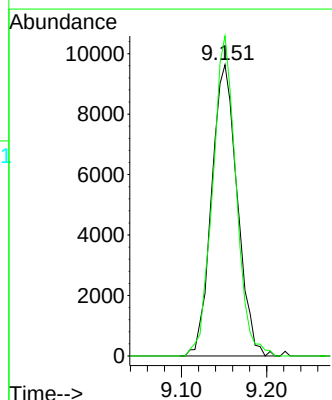
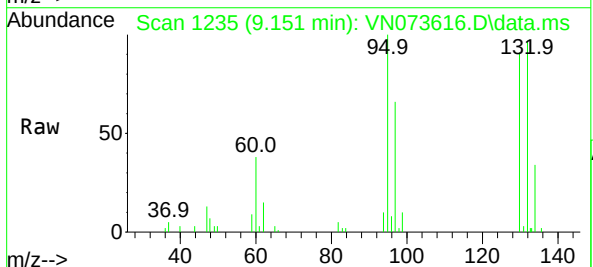
Manual Integrations
APPROVED

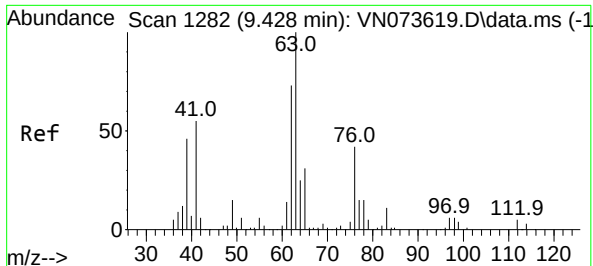
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#44
Trichloroethene
Concen: 4.896 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion:130 Resp: 20206
Ion Ratio Lower Upper
130 100
95 109.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 4.869 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 19950

Ion Ratio Lower Upper

63 100

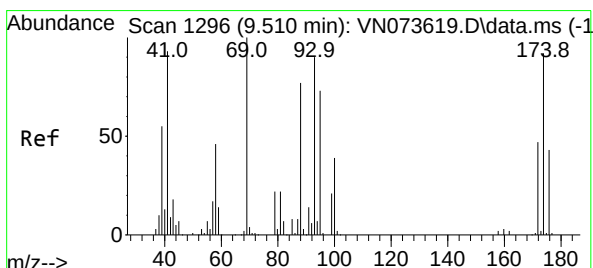
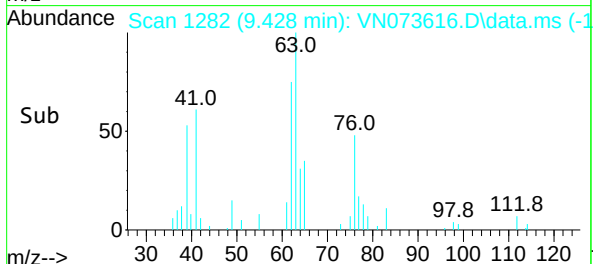
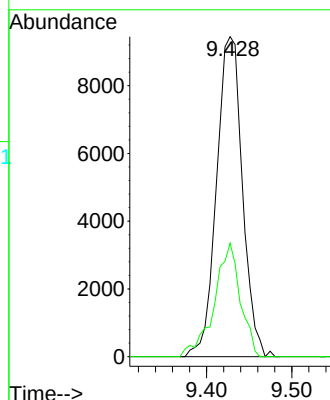
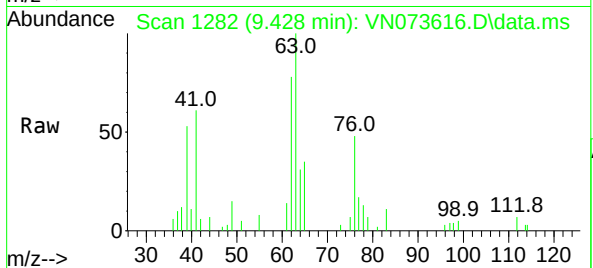
65 35.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#46

Dibromomethane

Concen: 5.119 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

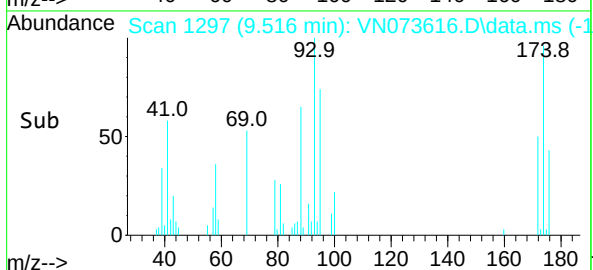
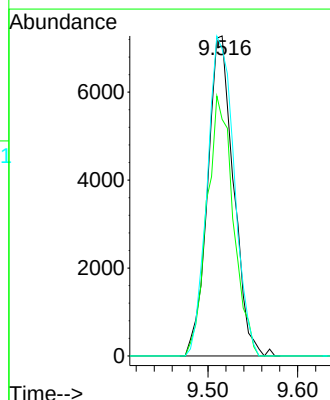
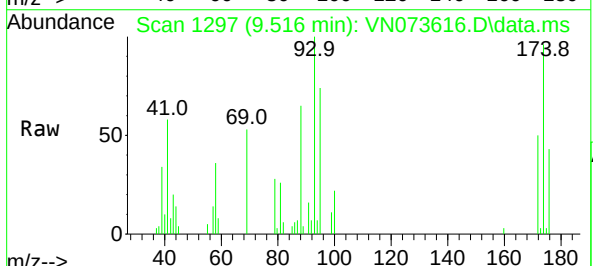
Tgt Ion: 93 Resp: 14617

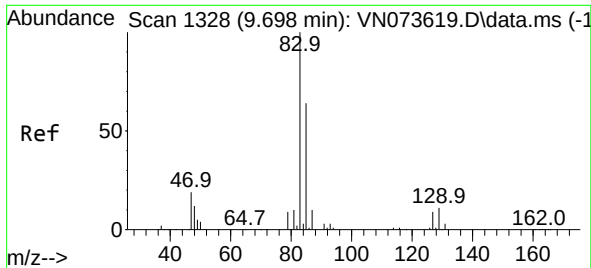
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

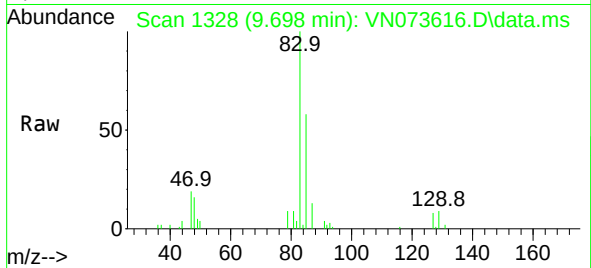
174 103.8 86.6 130.0





#47
Bromodichloromethane
Concen: 4.951 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

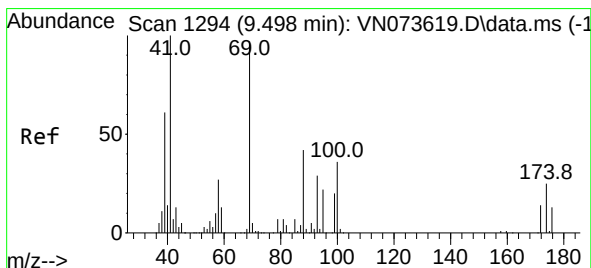
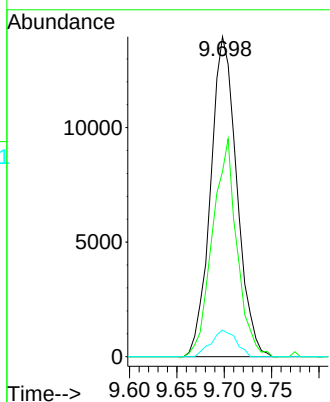
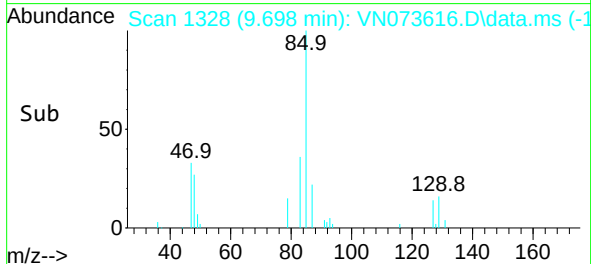
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



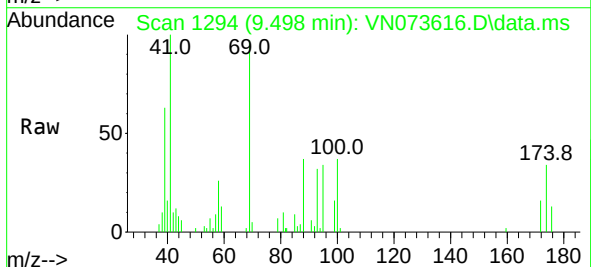
Tgt Ion: 83 Resp: 2693
Ion Ratio Lower Upper
83 100
85 57.8 50.5 75.7
127 8.3 6.8 10.2

Manual Integrations
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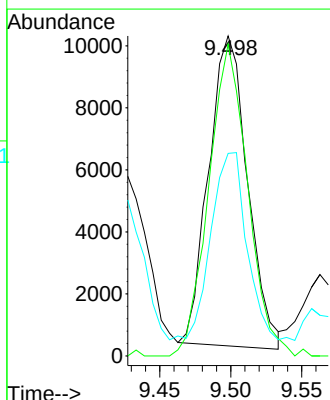
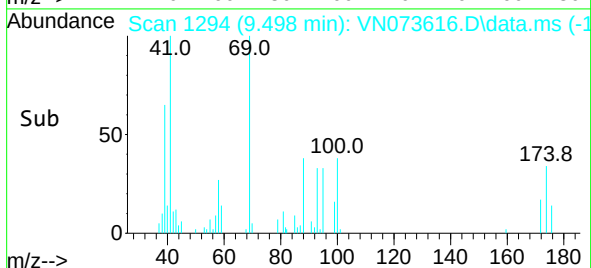
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

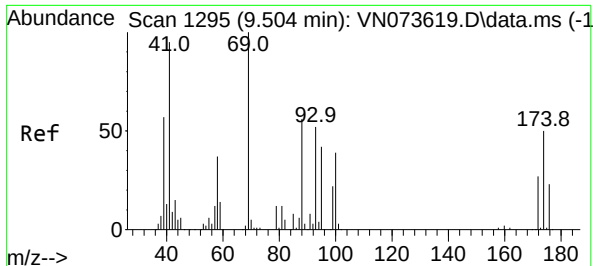


#48
Methyl methacrylate
Concen: 4.892 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



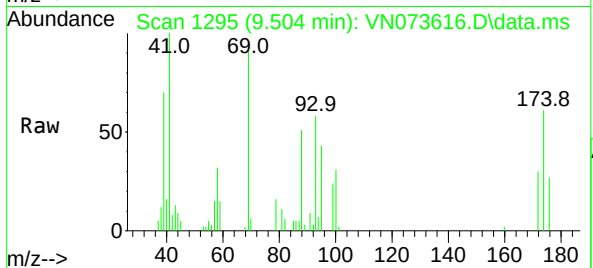
Tgt Ion: 41 Resp: 18987
Ion Ratio Lower Upper
41 100
69 101.3 74.7 112.1
39 65.4 45.6 68.4





#49
1,4-Dioxane
Concen: 97.157 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

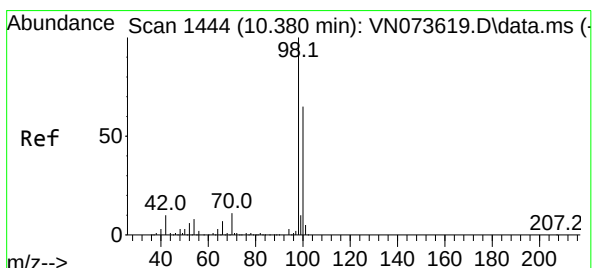
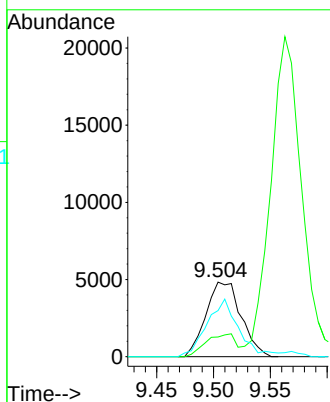
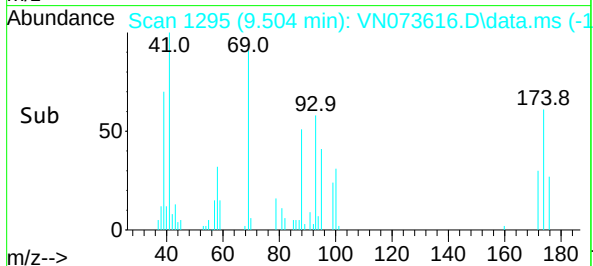
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



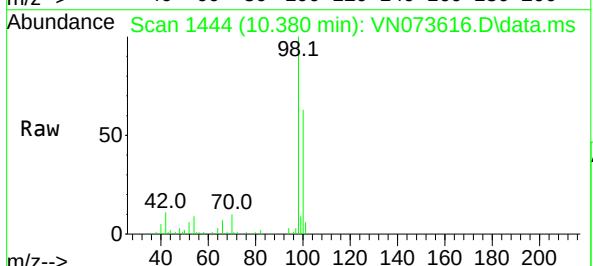
Tgt Ion: 88 Resp: 10412
Ion Ratio Lower Upper
88 100
43 25.6 20.2 30.4
58 69.9 54.2 81.4

Manual Integrations
APPROVED

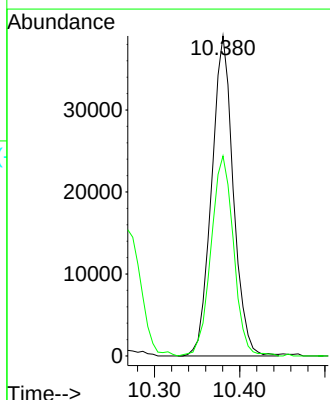
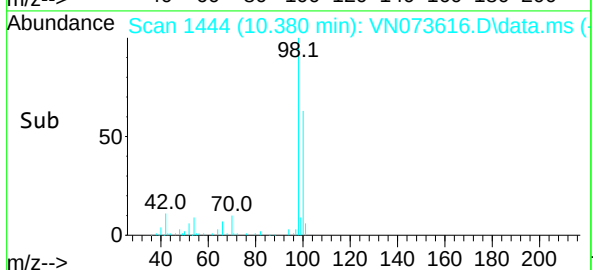
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

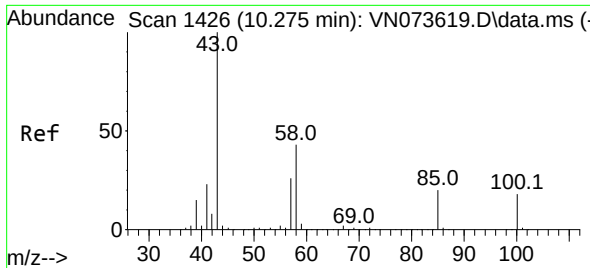


#50
Toluene-d8
Concen: 4.925 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



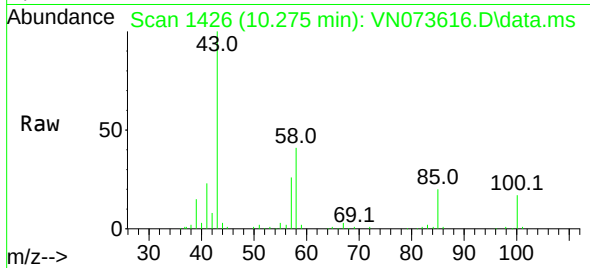
Tgt Ion: 98 Resp: 69144
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 24.916 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

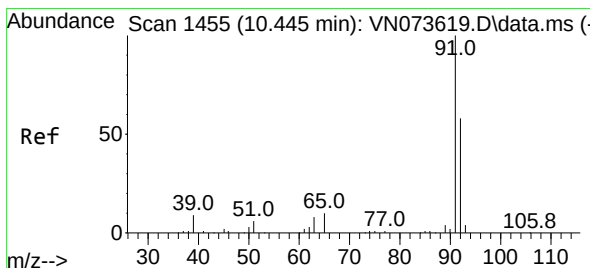
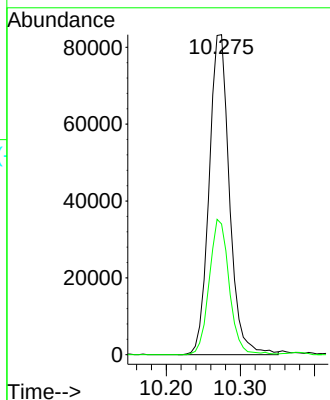
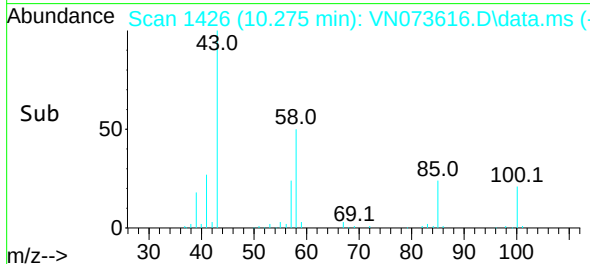
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



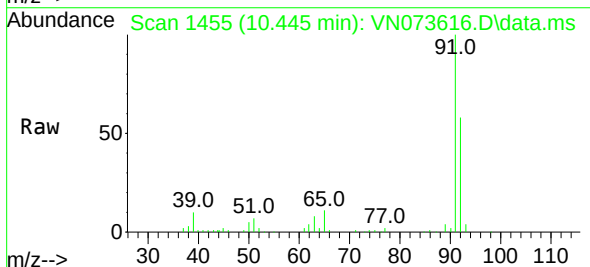
Tgt Ion: 43 Resp: 158878
Ion Ratio Lower Upper
43 100
58 41.5 34.1 51.1

Manual Integrations
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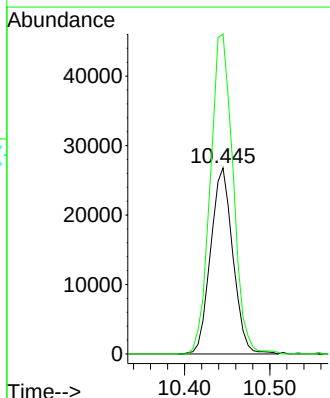
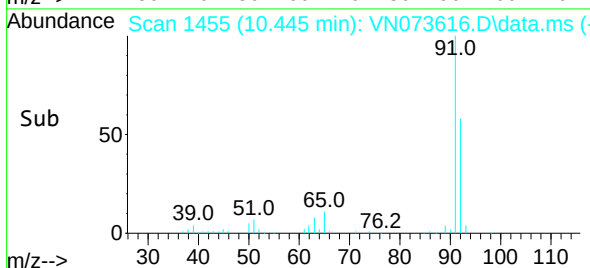
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

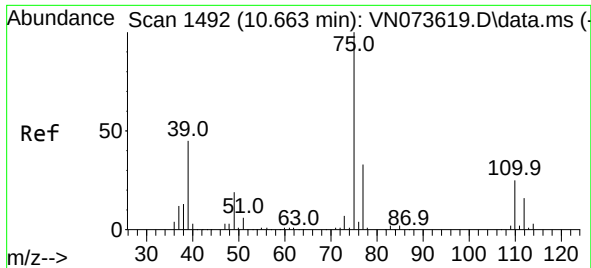


#52
Toluene
Concen: 4.889 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion: 92 Resp: 48646
Ion Ratio Lower Upper
92 100
91 176.4 138.6 207.8





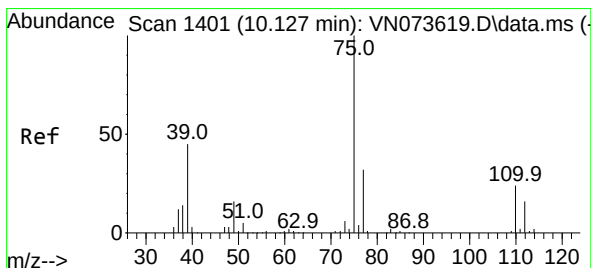
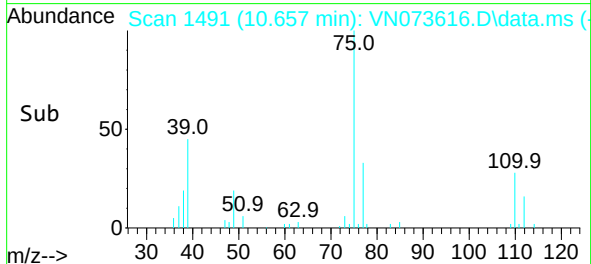
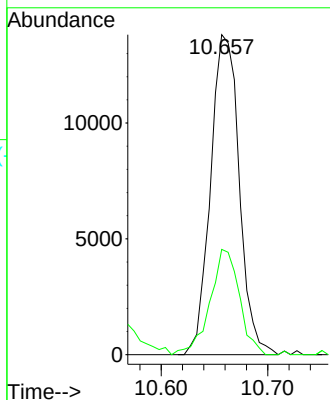
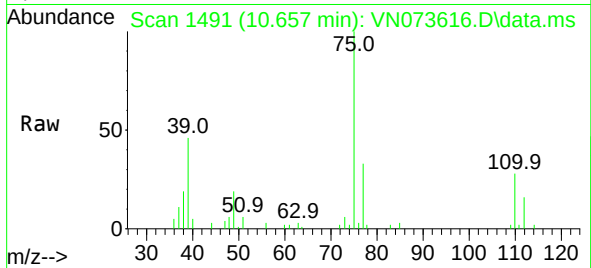
#53
t-1,3-Dichloropropene
Concen: 4.775 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 2581
Ion Ratio Lower Upper
75 100
77 32.9 25.6 38.4

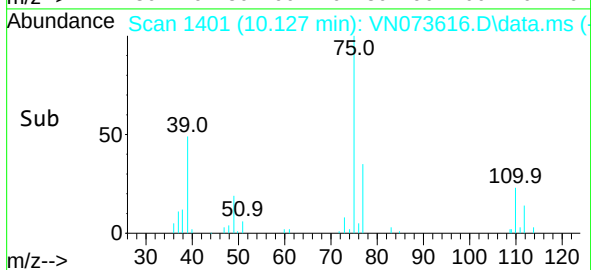
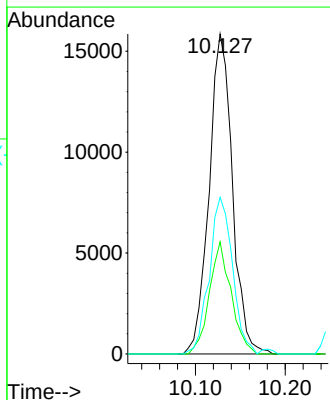
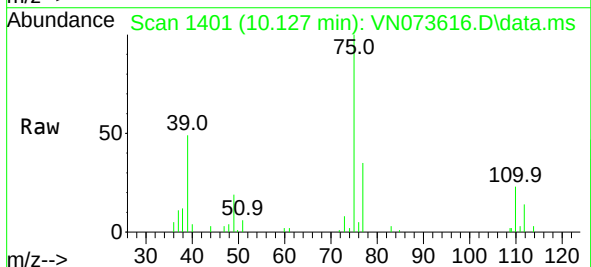
Manual Integrations
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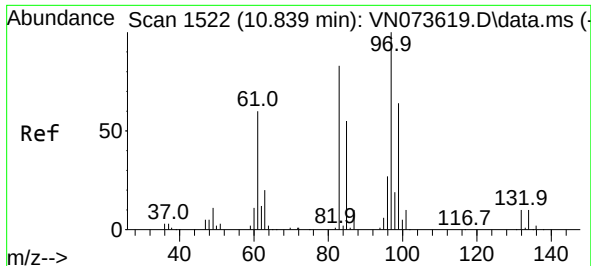
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#54
cis-1,3-Dichloropropene
Concen: 4.718 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

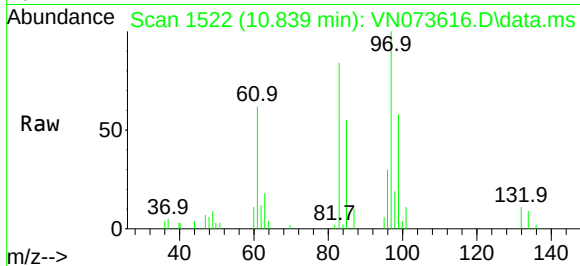
Tgt Ion: 75 Resp: 28606
Ion Ratio Lower Upper
75 100
77 35.1 25.2 37.8
39 49.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 5.089 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

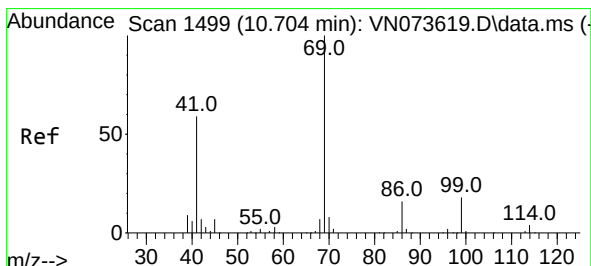
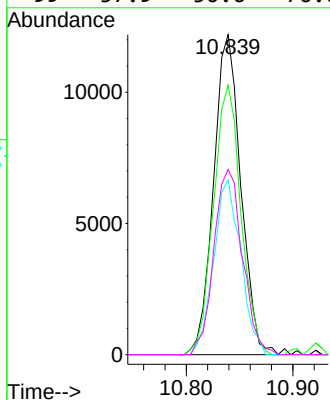
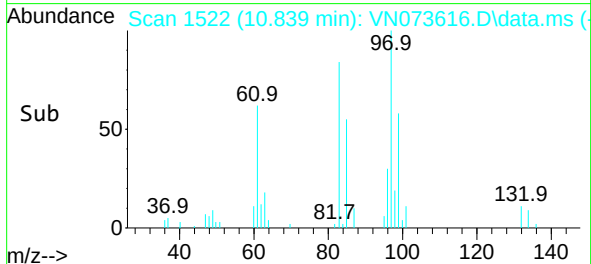
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



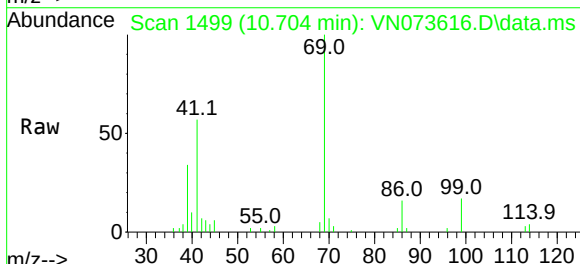
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.2	66.2	99.4
85	54.6	43.9	65.9
99	57.9	50.6	76.0

Manual Integrations
APPROVED

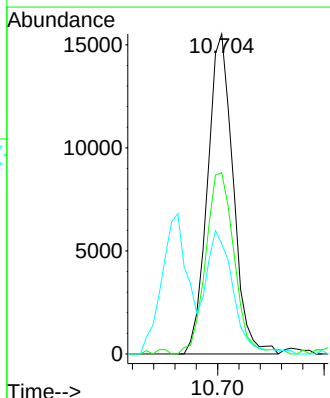
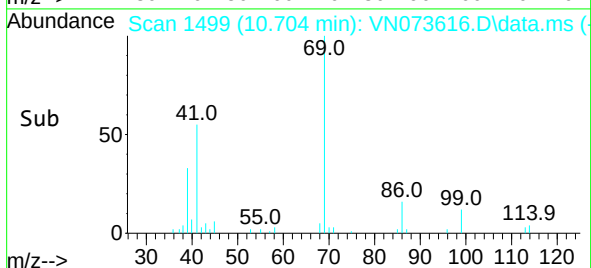
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

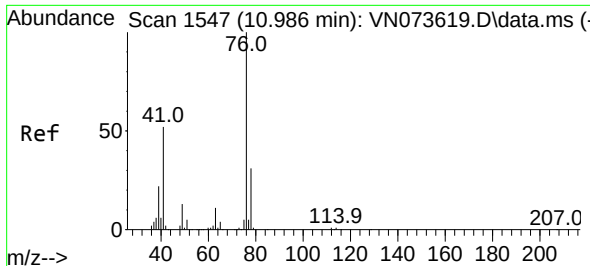


#56
Ethyl methacrylate
Concen: 4.493 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	47.8	71.6
39	40.6	27.3	40.9





#57

1,3-Dichloropropane

Concen: 5.148 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 3640

Ion Ratio Lower Upper

76 100

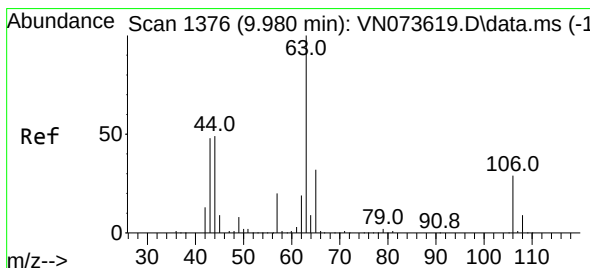
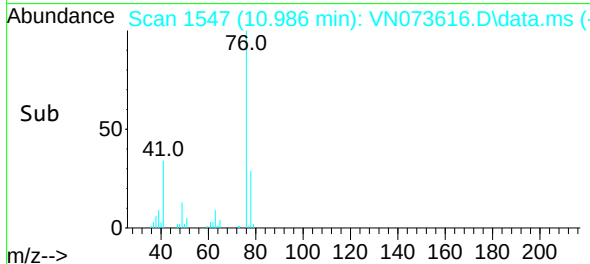
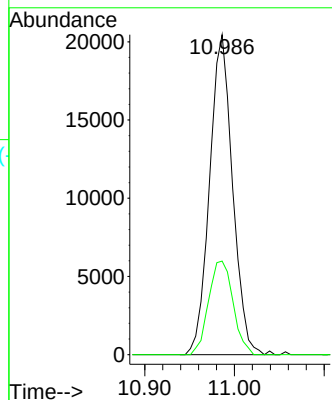
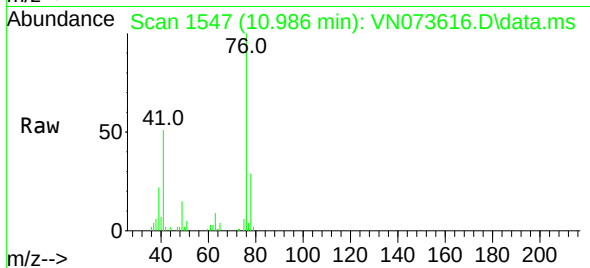
78 31.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 22.063 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN073616.D

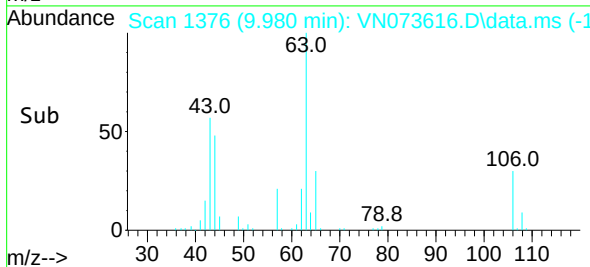
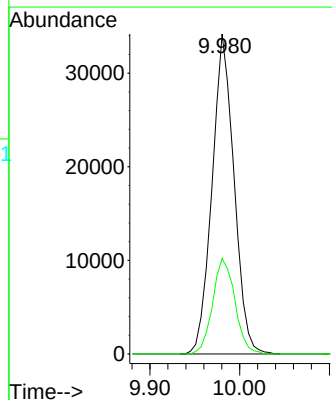
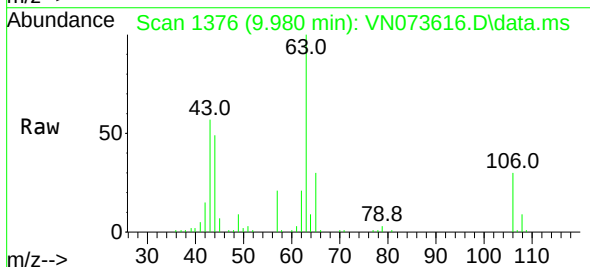
Acq: 28 Jul 2022 10:55

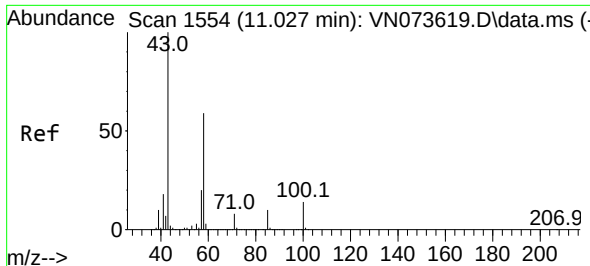
Tgt Ion: 63 Resp: 58111

Ion Ratio Lower Upper

63 100

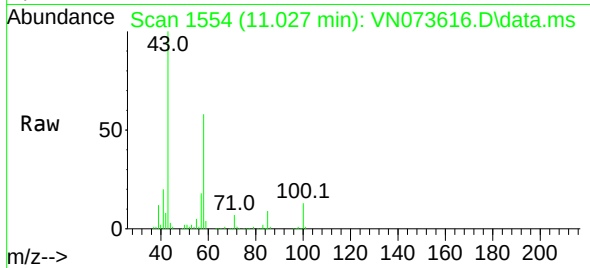
106 30.2 24.6 36.8





#59
2-Hexanone
Concen: 24.932 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

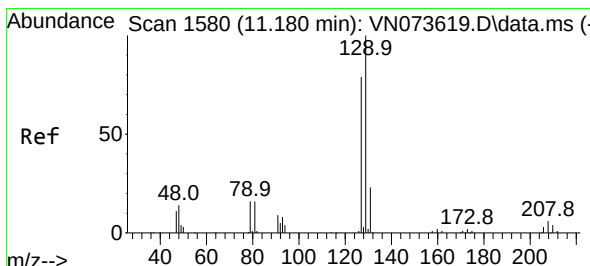
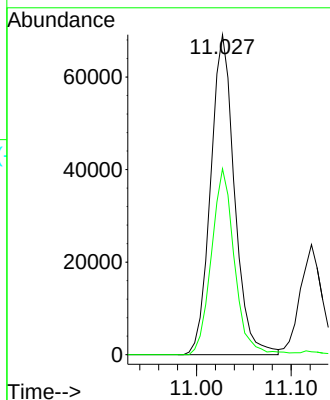
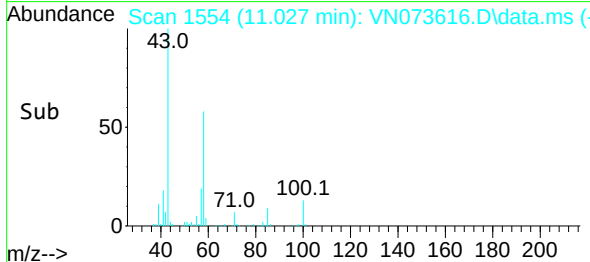
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 121294
Ion Ratio Lower Upper
43 100
58 55.9 29.7 89.1

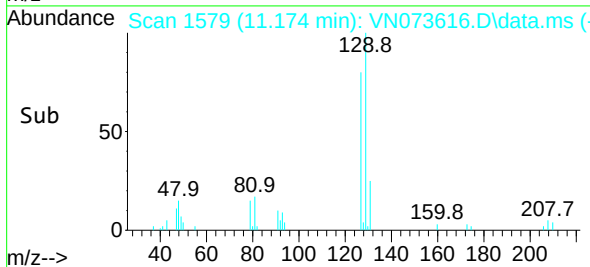
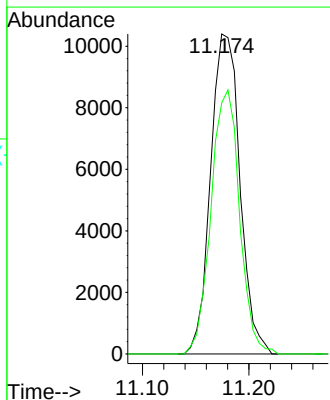
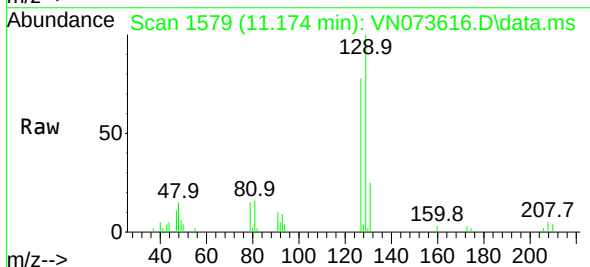
Manual Integrations
APPROVED

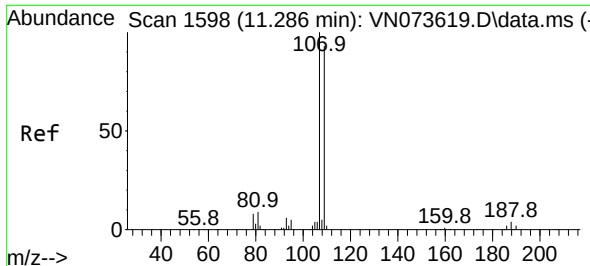
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#60
Dibromochloromethane
Concen: 4.708 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

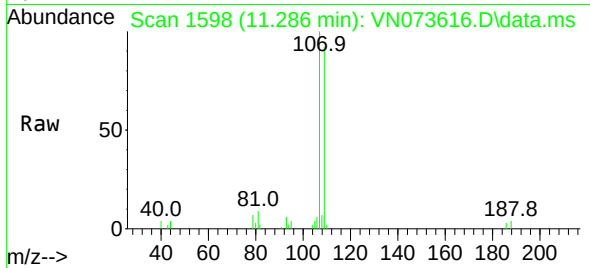
Tgt Ion:129 Resp: 19887
Ion Ratio Lower Upper
129 100
127 80.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 4.945 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

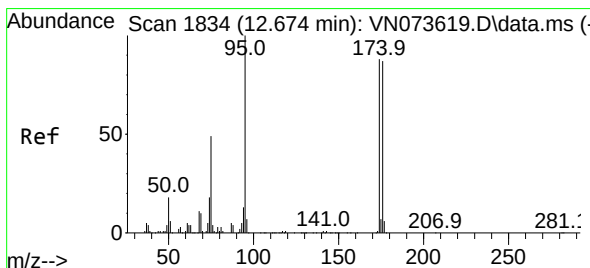
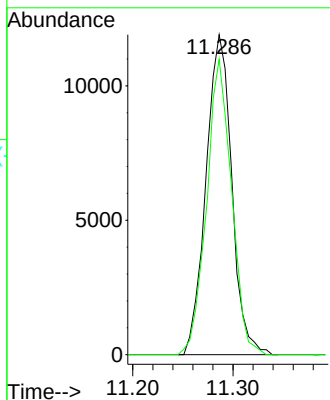
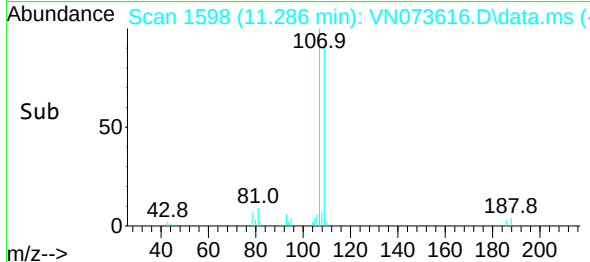
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



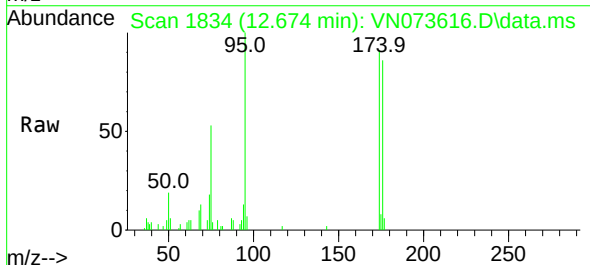
Tgt Ion: 107 Resp: 2126
Ion Ratio Lower Upper
107 100
109 89.5 75.0 112.6

Manual Integrations
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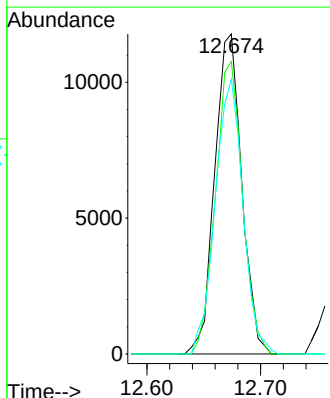
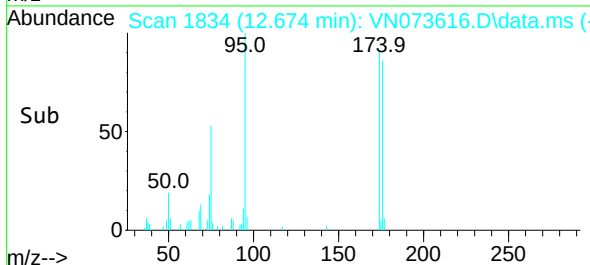
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

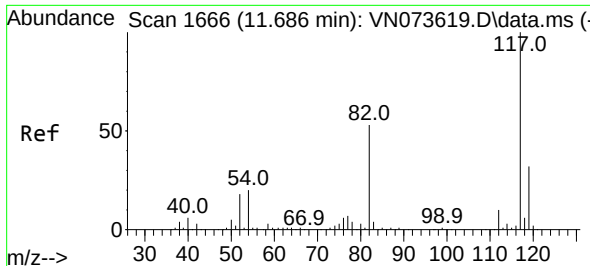


#62
4-Bromofluorobenzene
Concen: 4.483 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



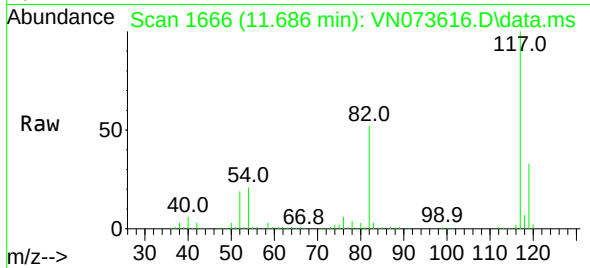
Tgt Ion: 95 Resp: 19460
Ion Ratio Lower Upper
95 100
174 91.5 0.0 167.6
176 88.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

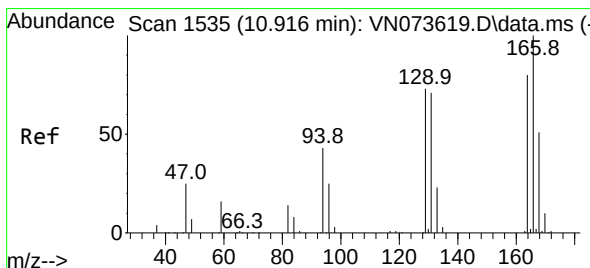
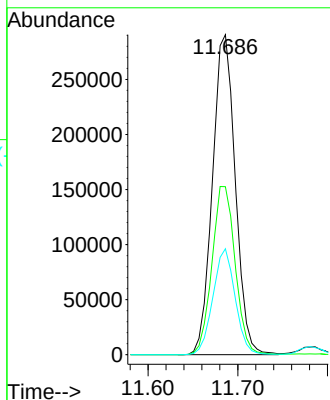
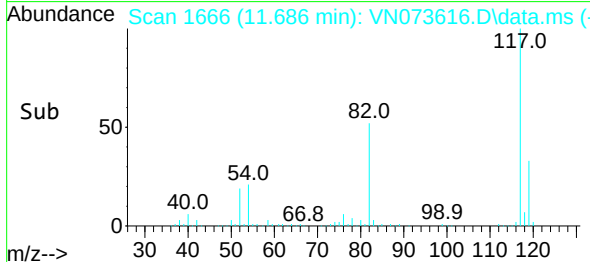
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



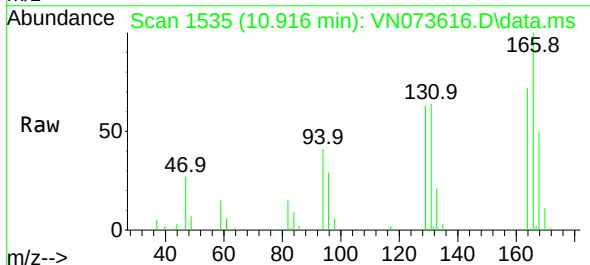
Tgt Ion:117 Resp: 51366
Ion Ratio Lower Upper
117 100
82 52.5 44.2 66.2
119 33.1 25.4 38.0

Manual Integrations
APPROVED

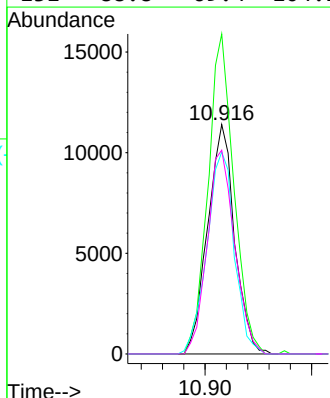
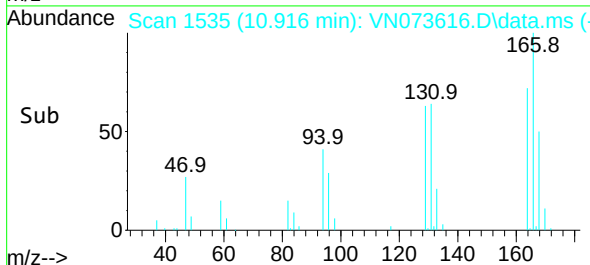
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

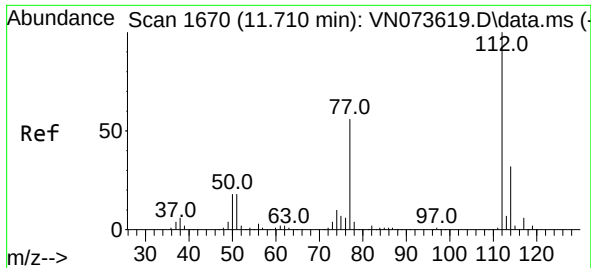


#64
Tetrachloroethene
Concen: 4.906 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion:164 Resp: 19951
Ion Ratio Lower Upper
164 100
166 139.5 104.2 156.2
129 88.0 73.9 110.9
131 88.8 69.4 104.2





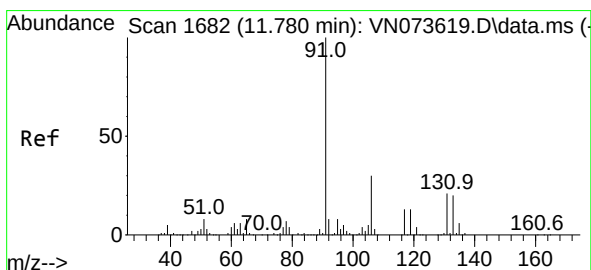
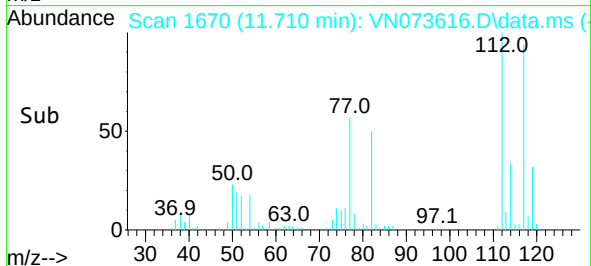
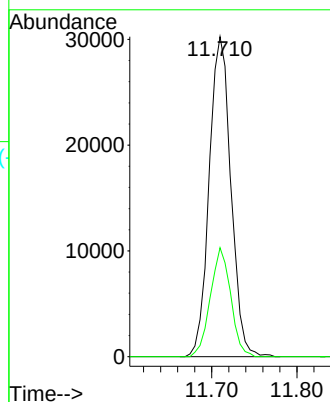
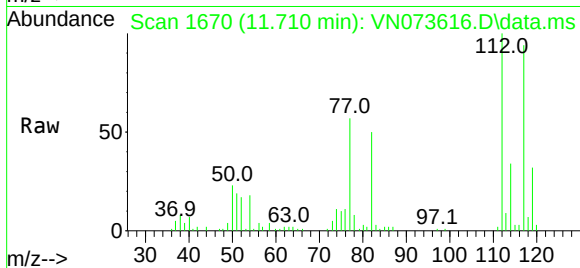
#65
Chlorobenzene
Concen: 4.889 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 5344
Ion Ratio Lower Upper
112 100
114 34.0 25.4 38.2

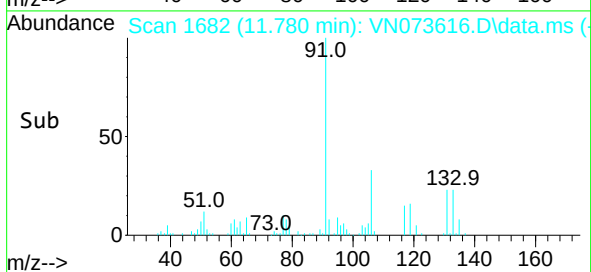
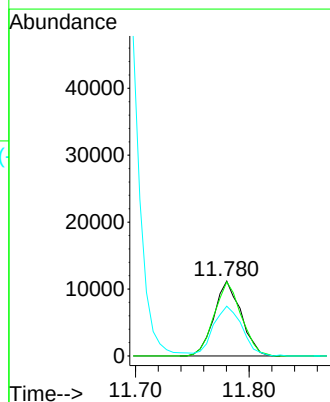
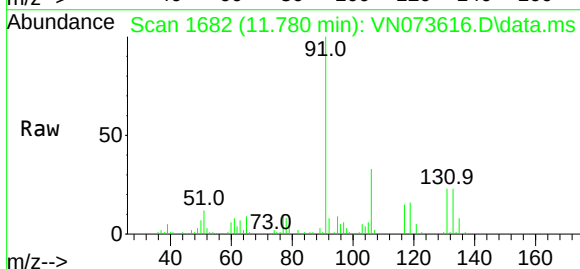
Manual Integrations
APPROVED

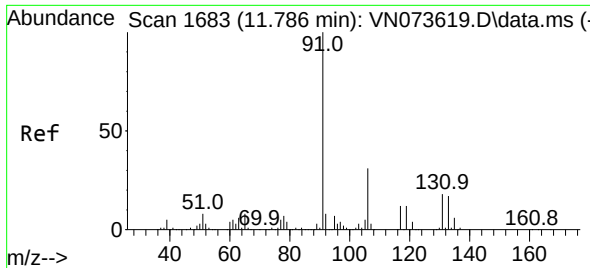
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 4.770 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

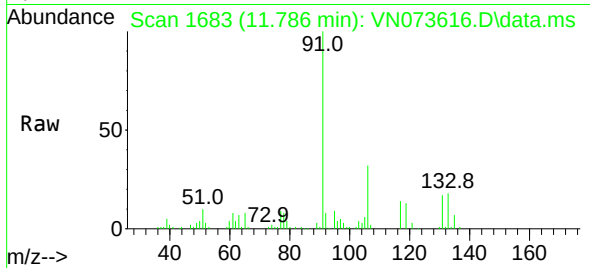
Tgt Ion:131 Resp: 18450
Ion Ratio Lower Upper
131 100
133 99.8 47.8 143.4
119 70.9 33.4 100.2





#67
Ethyl Benzene
Concen: 4.744 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

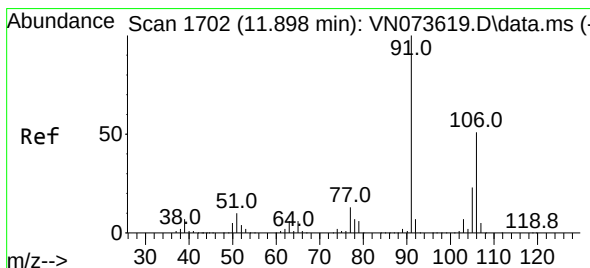
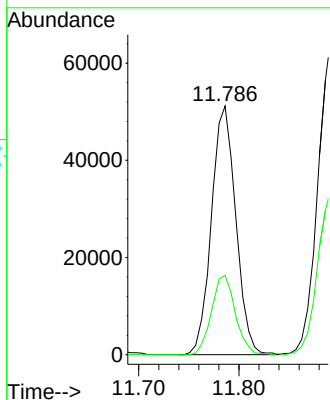
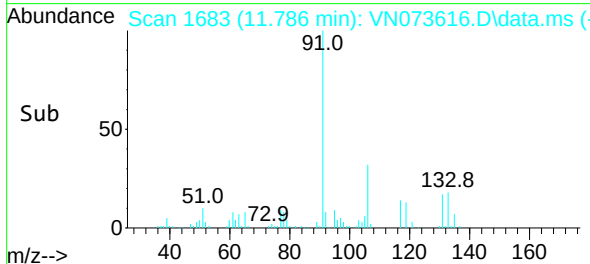
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



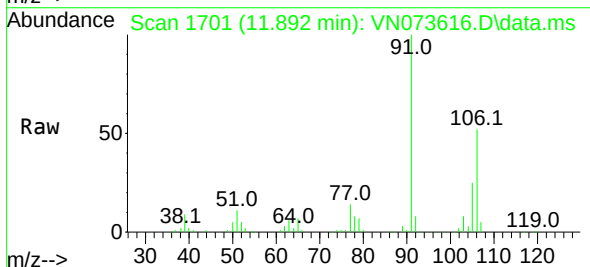
Tgt Ion: 91 Resp: 86319
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

Manual Integrations
APPROVED

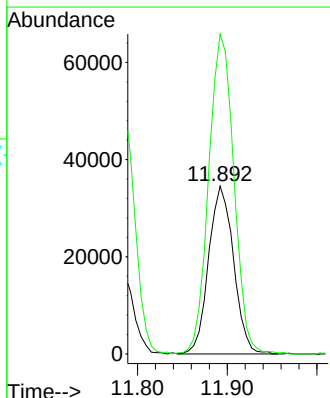
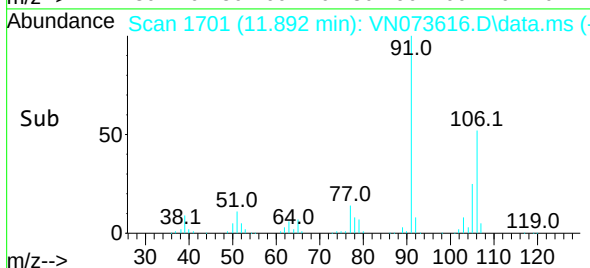
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

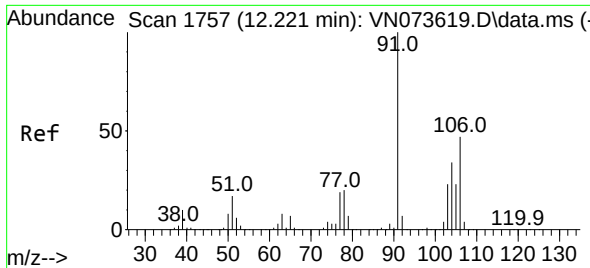


#68
m/p-Xylenes
Concen: 9.569 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion:106 Resp: 66776
Ion Ratio Lower Upper
106 100
91 192.8 158.9 238.3





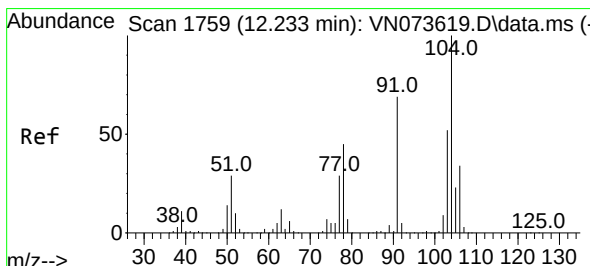
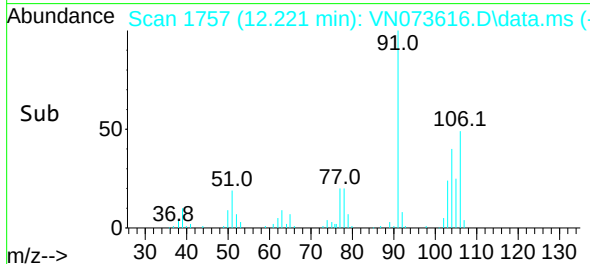
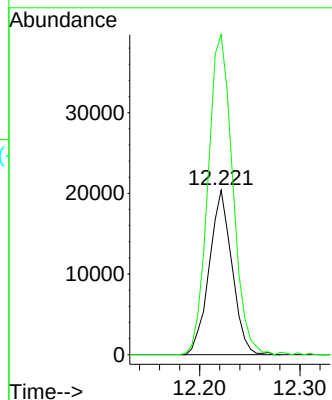
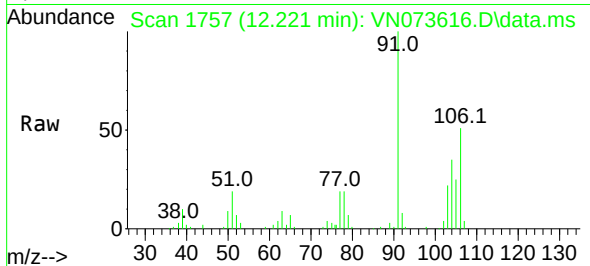
#69
o-Xylene
Concen: 4.757 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 3221
Ion Ratio Lower Upper
106 100
91 210.7 106.0 318.0

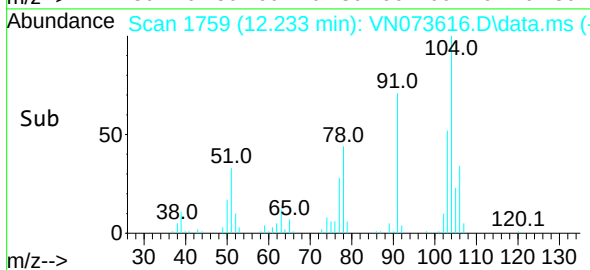
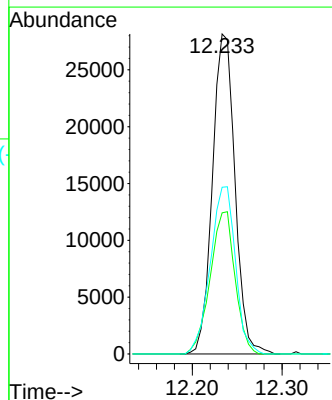
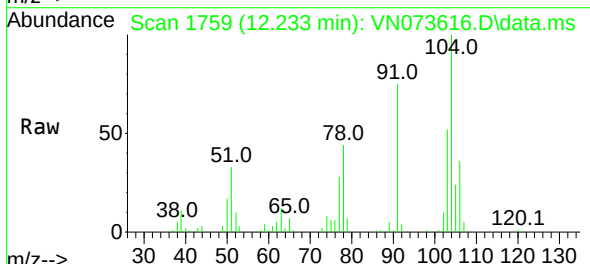
Manual Integrations
APPROVED

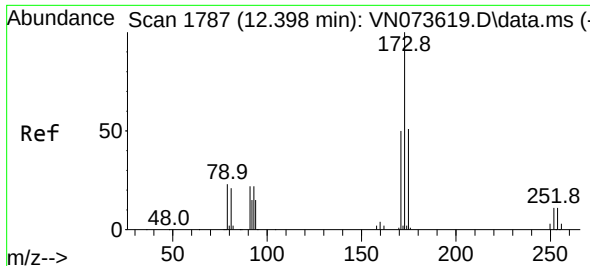
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#70
Styrene
Concen: 4.542 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

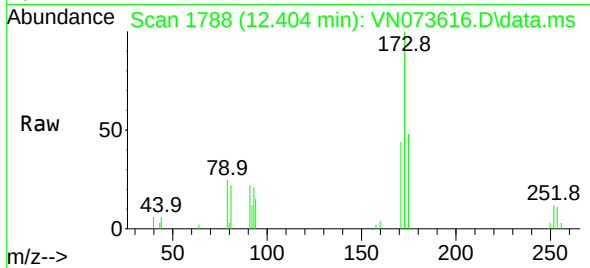
Tgt Ion:104 Resp: 49203
Ion Ratio Lower Upper
104 100
78 48.9 39.5 59.3
103 58.1 44.0 66.0





#71
Bromoform
Concen: 4.632 ug/l
RT: 12.404 min Scan# 1788
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

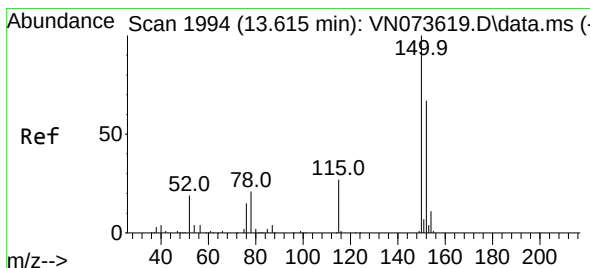
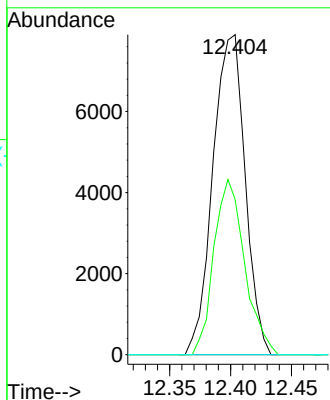
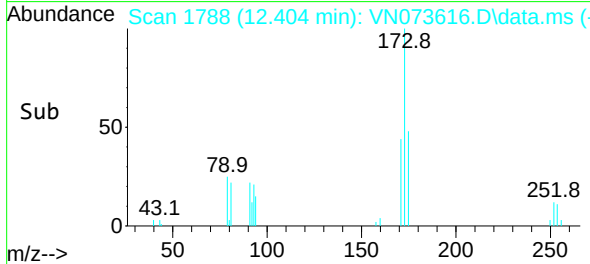
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



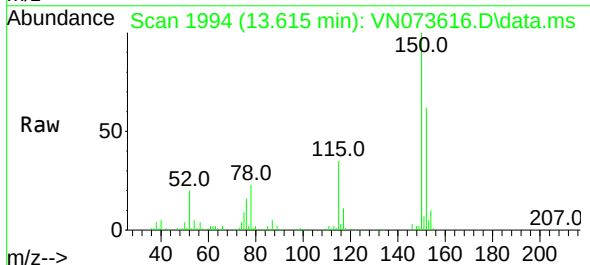
Tgt Ion:173 Resp: 14540
Ion Ratio Lower Upper
173 100
175 52.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

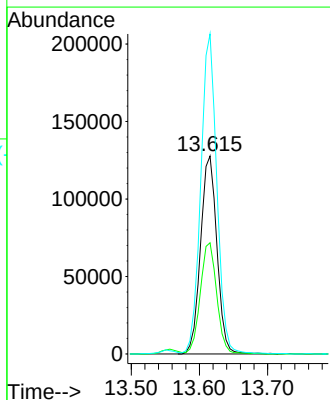
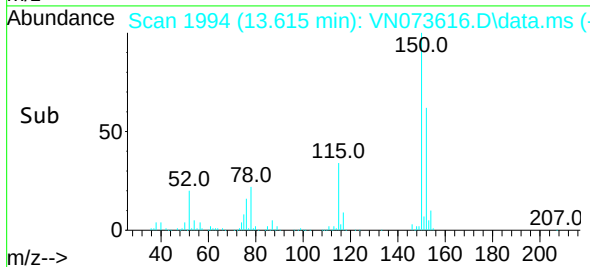
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

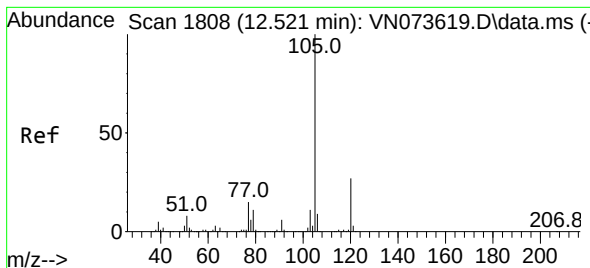


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion:152 Resp: 213902
Ion Ratio Lower Upper
152 100
115 56.2 28.9 86.7
150 157.5 0.0 356.2





#73

Isopropylbenzene

Concen: 5.017 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 7886

Ion Ratio Lower Upper

105 100

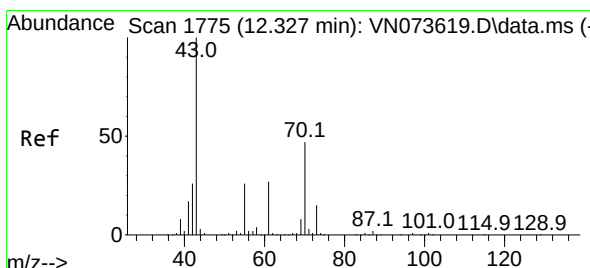
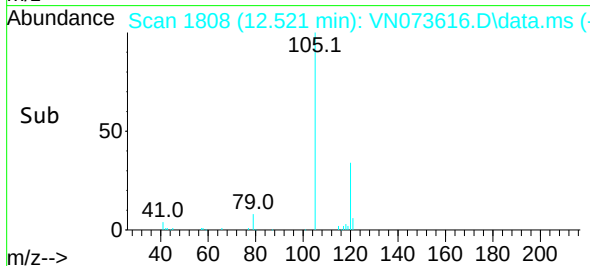
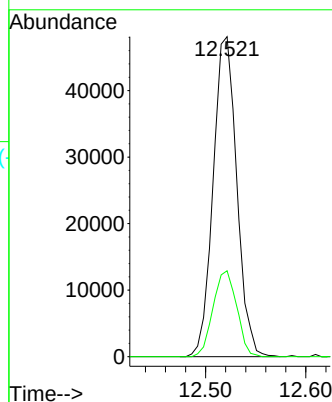
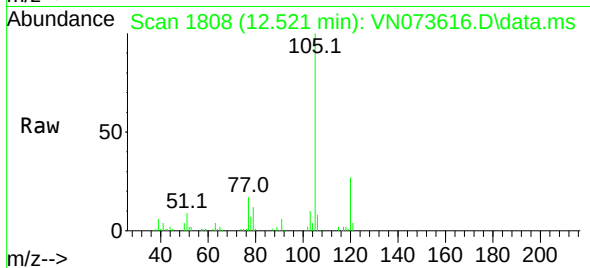
120 26.8 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#74

N-ethyl acetate

Concen: 4.971 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Tgt Ion: 43 Resp: 29313

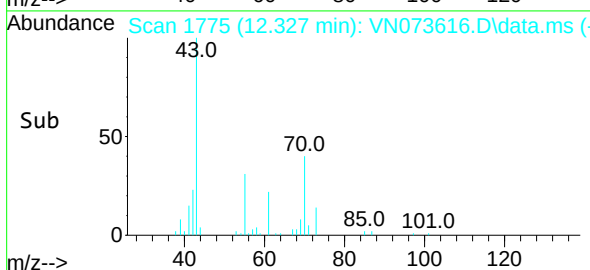
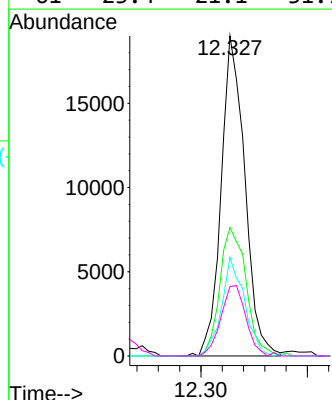
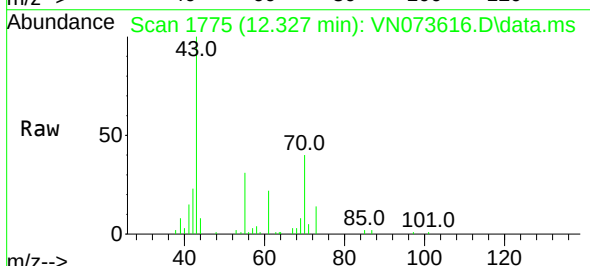
Ion Ratio Lower Upper

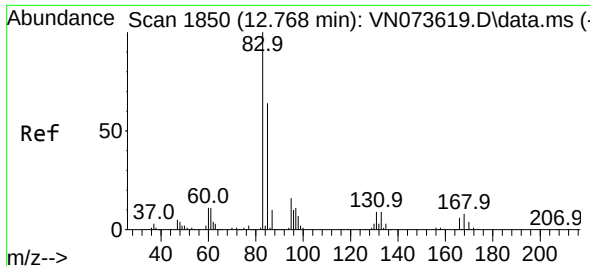
43 100

70 44.4 39.0 58.4

55 29.9 21.1 31.7

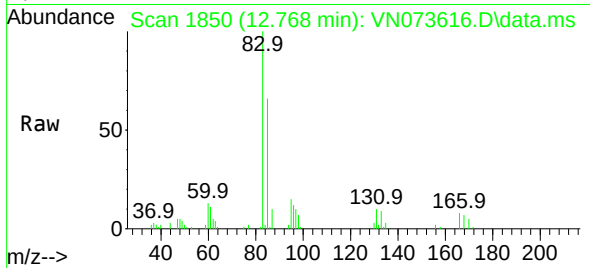
61 23.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 5.541 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

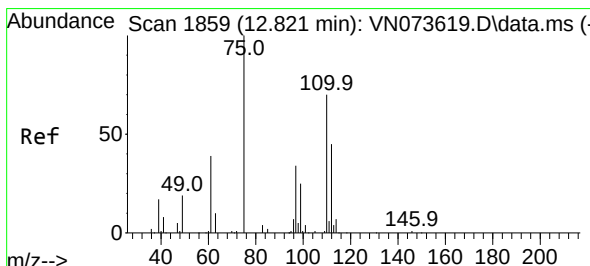
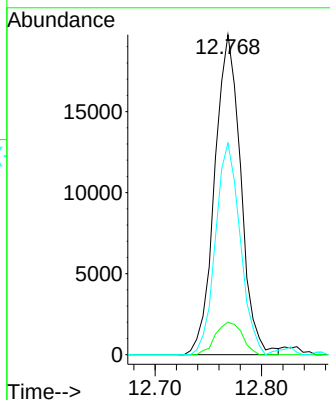
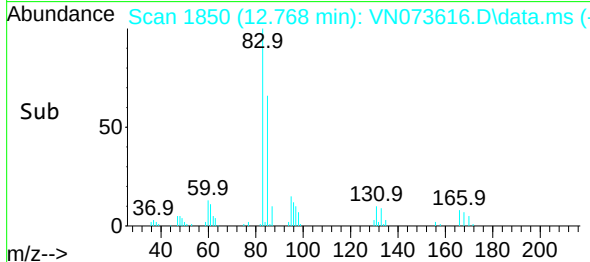
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 3356
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 62.4 32.3 96.9

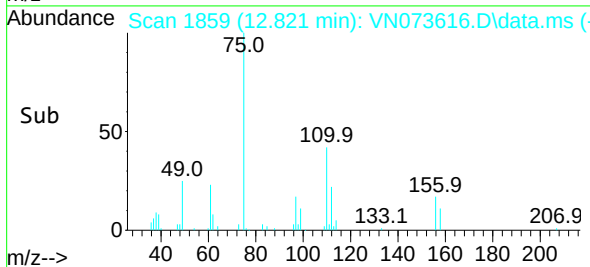
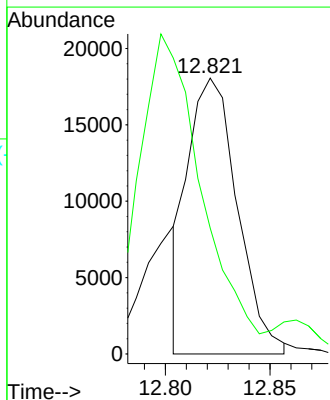
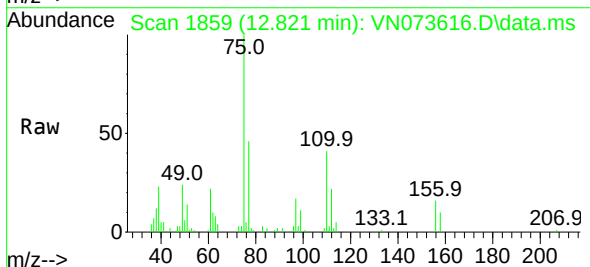
Manual Integrations
APPROVED

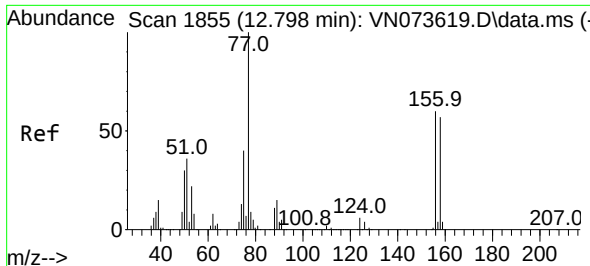
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#76
1,2,3-Trichloropropane
Concen: 5.849 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

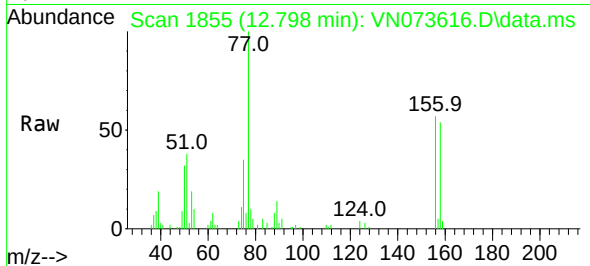
Tgt Ion: 75 Resp: 29643
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 5.313 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

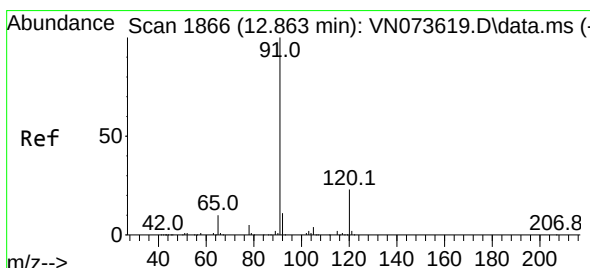
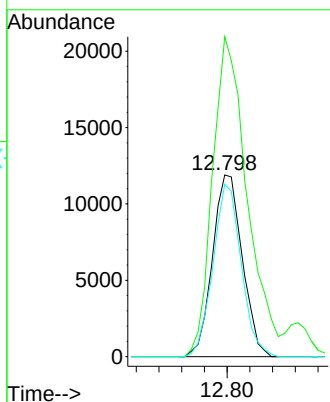
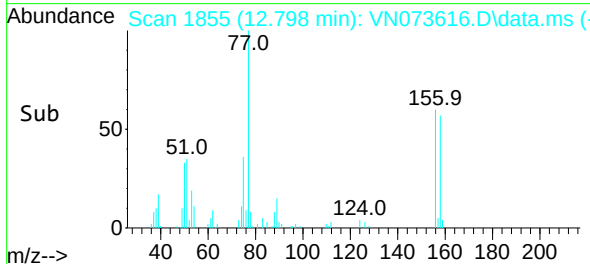
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



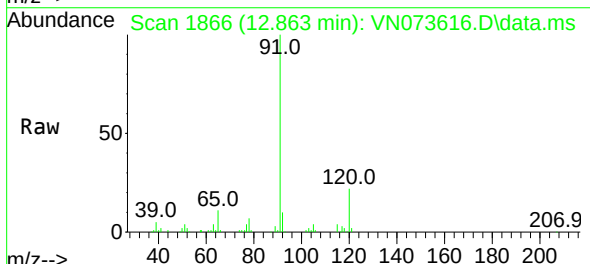
Tgt Ion:156 Resp: 21570
Ion Ratio Lower Upper
156 100
77 204.2 100.5 301.5
158 90.6 48.9 146.6

Manual Integrations
APPROVED

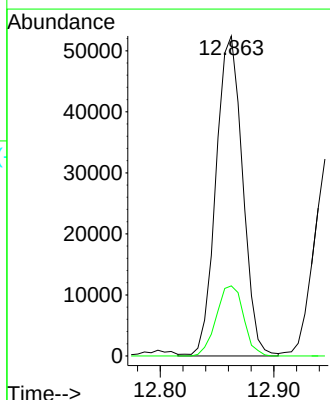
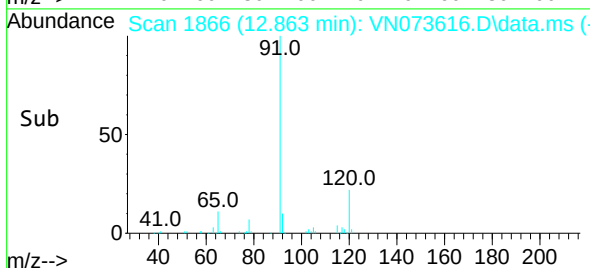
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

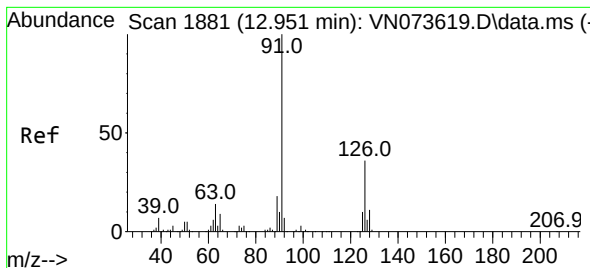


#78
n-propylbenzene
Concen: 4.899 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion: 91 Resp: 85424
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 5.109 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN073616.D

Acq: 28 Jul 2022 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 91 Resp: 5564

Ion Ratio Lower Upper

91 100

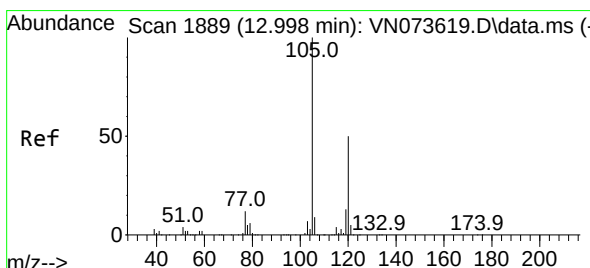
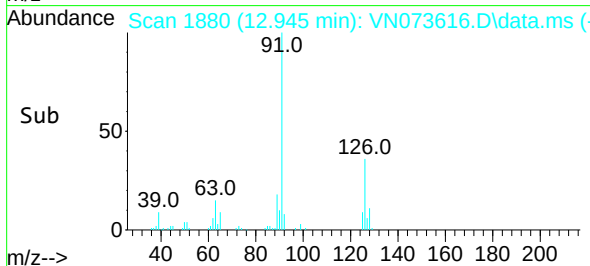
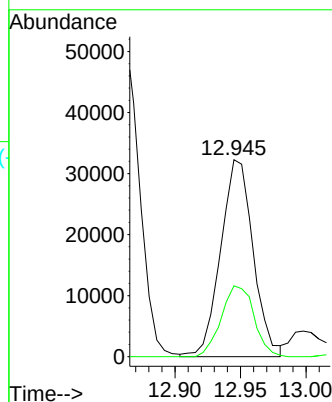
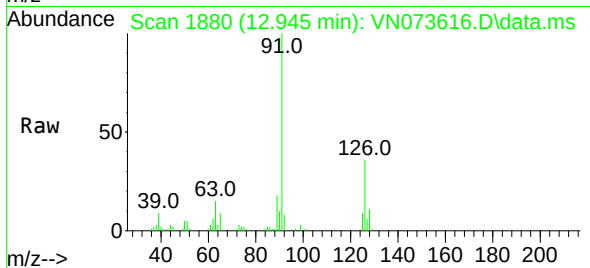
126 36.2 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#80

1,3,5-Trimethylbenzene

Concen: 4.915 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073616.D

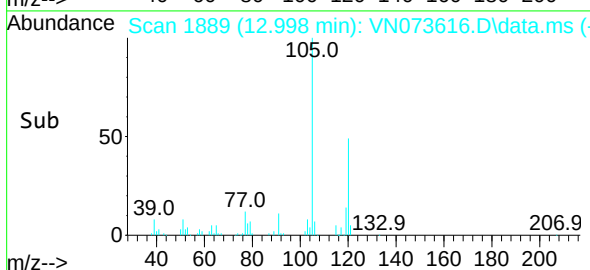
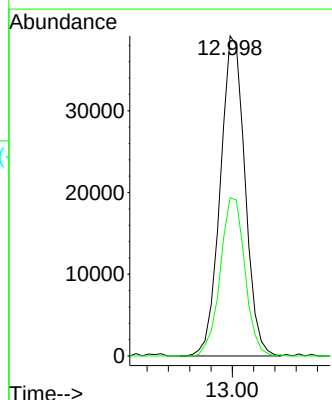
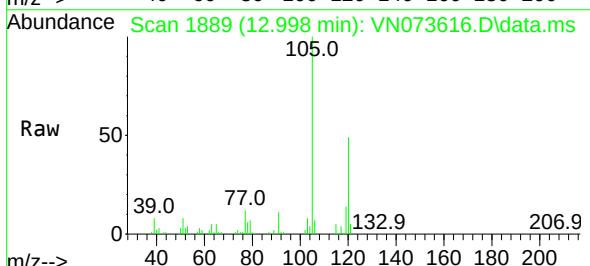
Acq: 28 Jul 2022 10:55

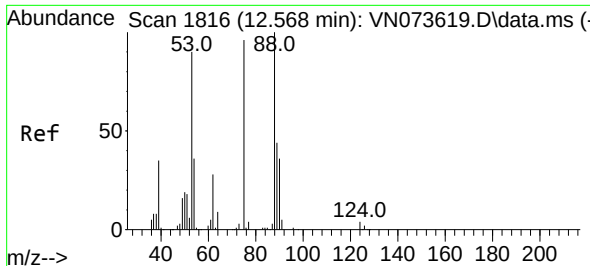
Tgt Ion:105 Resp: 62901

Ion Ratio Lower Upper

105 100

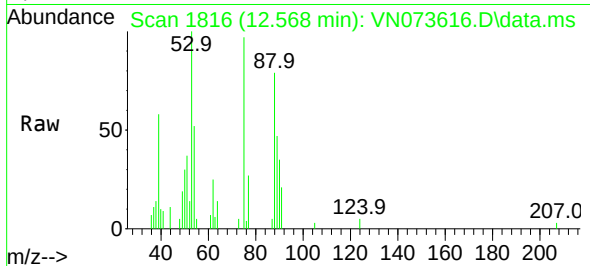
120 49.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 4.981 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

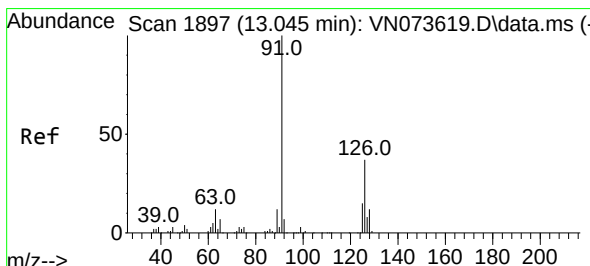
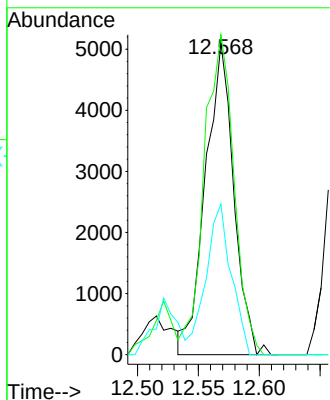
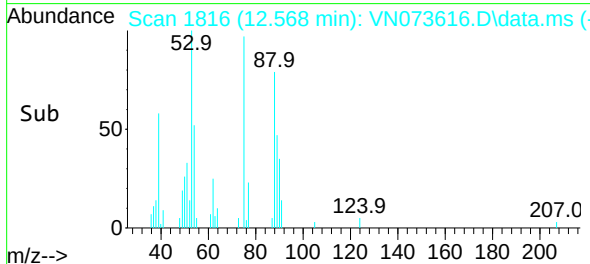
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 75 Resp: 822
Ion Ratio Lower Upper
75 100
53 108.0 78.0 117.0
89 43.3 37.2 55.8

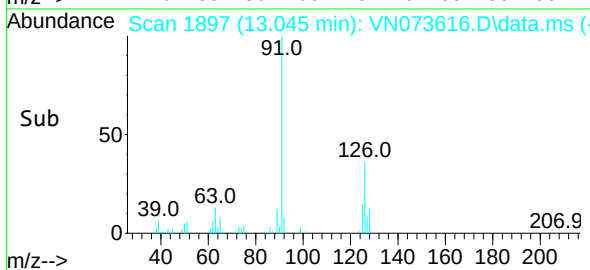
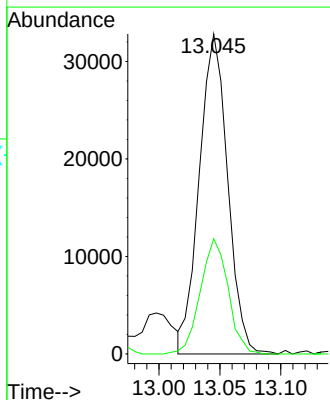
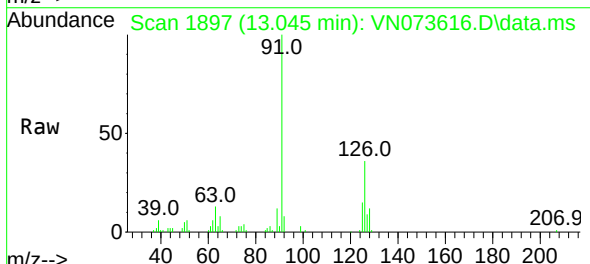
Manual Integrations
APPROVED

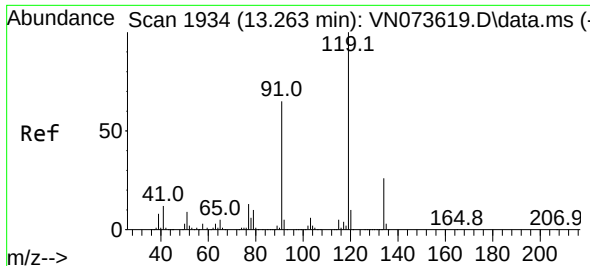
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#82
4-Chlorotoluene
Concen: 5.098 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

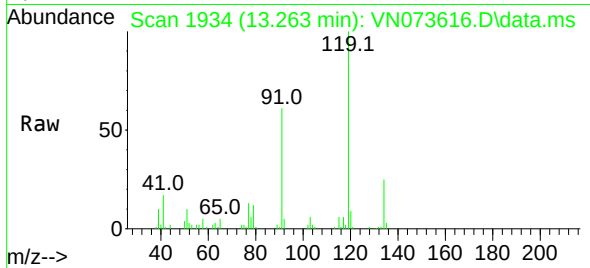
Tgt Ion: 91 Resp: 53192
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 4.807 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

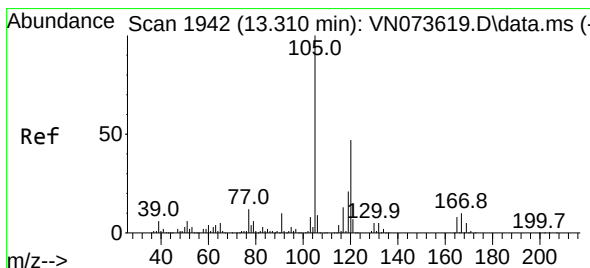
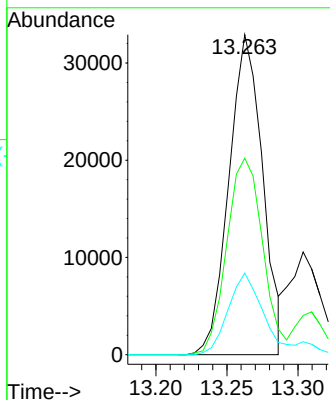
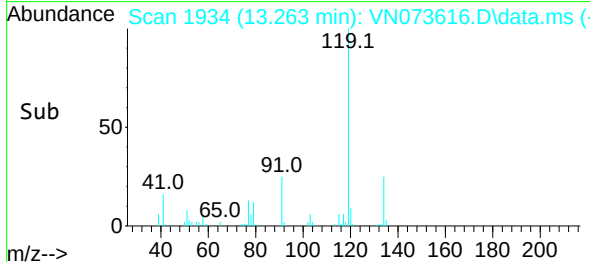
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



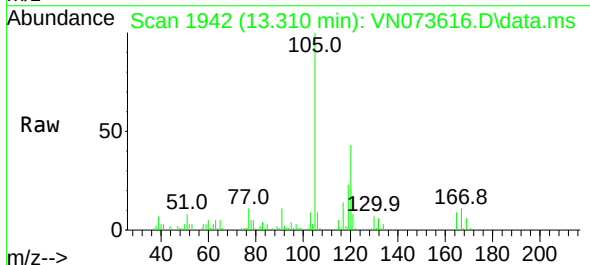
Tgt Ion:119 Resp: 5430
Ion Ratio Lower Upper
119 100
91 65.6 31.6 94.8
134 26.5 13.7 41.1

Manual Integrations
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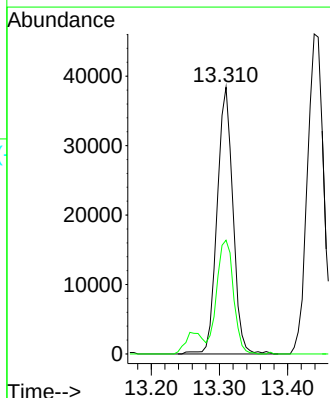
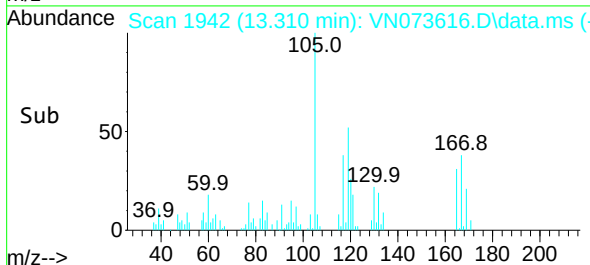
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

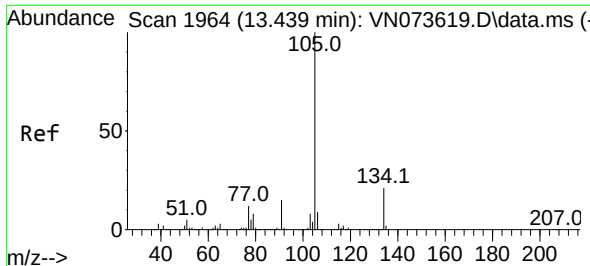


#84
1,2,4-Trimethylbenzene
Concen: 4.932 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



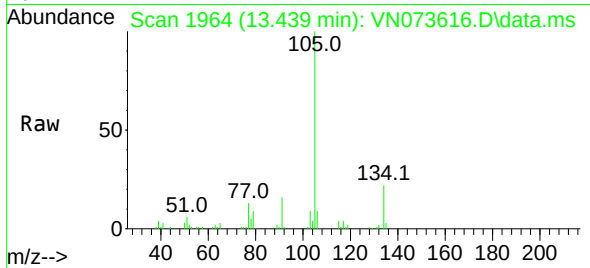
Tgt Ion:105 Resp: 61916
Ion Ratio Lower Upper
105 100
120 45.3 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 4.948 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073616.D
 Acq: 28 Jul 2022 10:55

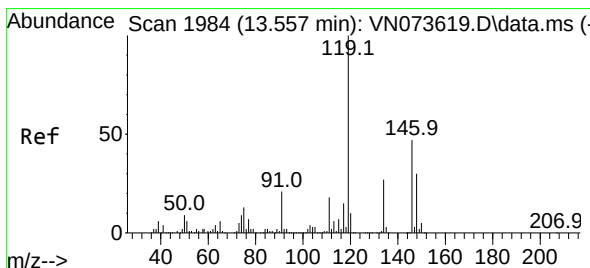
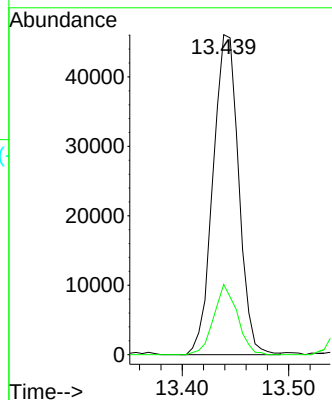
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



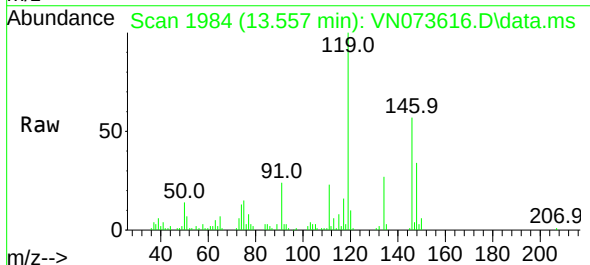
Tgt Ion:105 Resp: 7702
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

Manual Integrations
 APPROVED

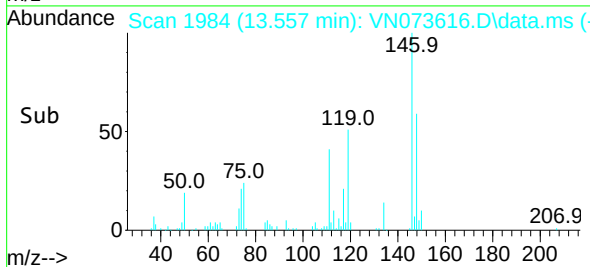
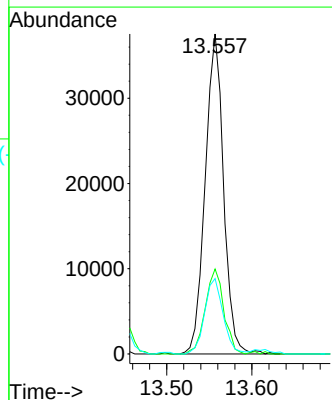
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

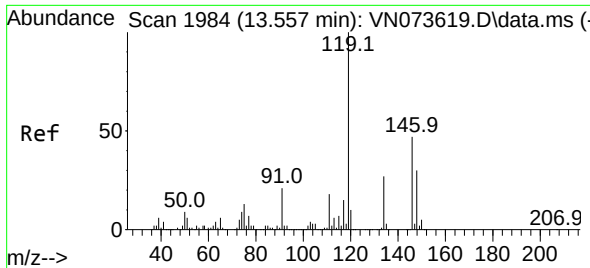


#86
 p-Isopropyltoluene
 Concen: 4.574 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073616.D
 Acq: 28 Jul 2022 10:55



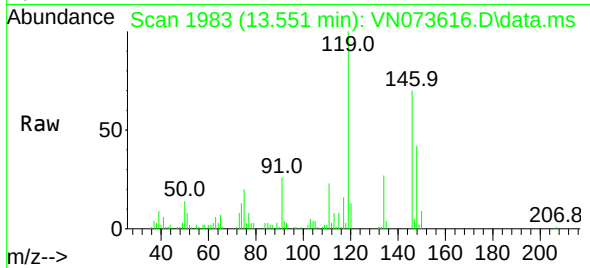
Tgt Ion:119 Resp: 56278
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 5.058 ug/l
RT: 13.551 min Scan# 1984
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

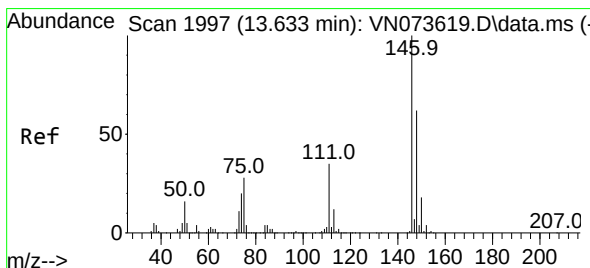
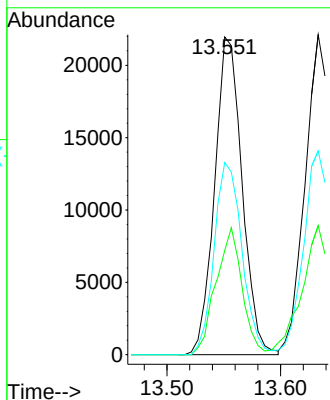
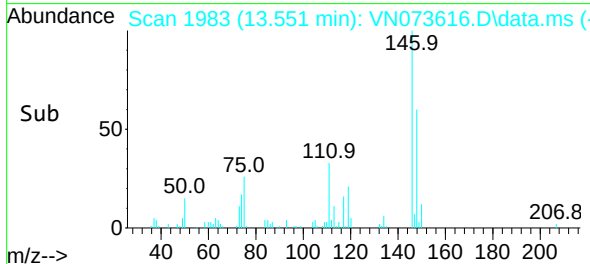
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



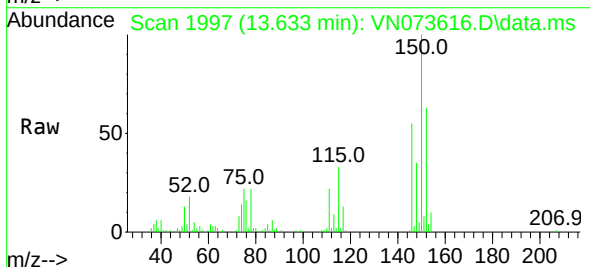
Tgt Ion:146 Resp: 3695
Ion Ratio Lower Upper
146 100
111 37.9 20.0 60.0
148 61.4 32.0 96.0

Manual Integrations
APPROVED

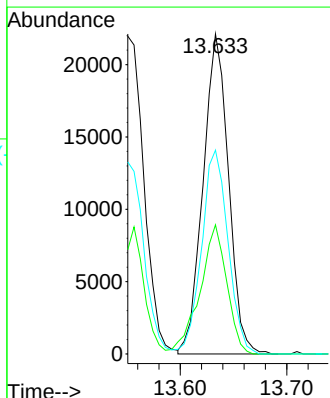
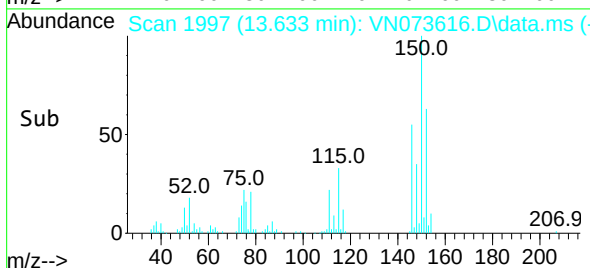
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

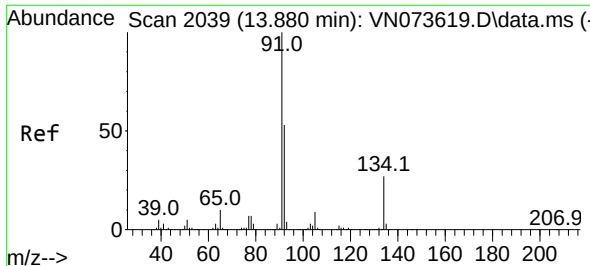


#88
1,4-Dichlorobenzene
Concen: 4.923 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55



Tgt Ion:146 Resp: 36692
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.1
148 66.4 31.4 94.3





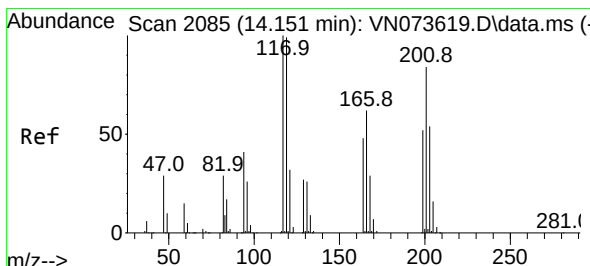
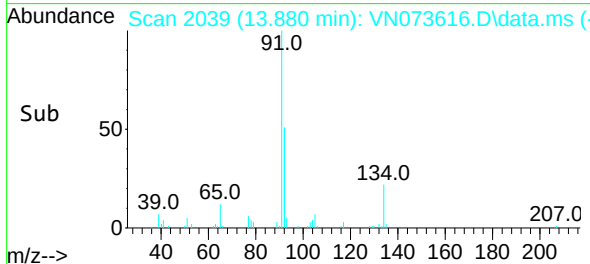
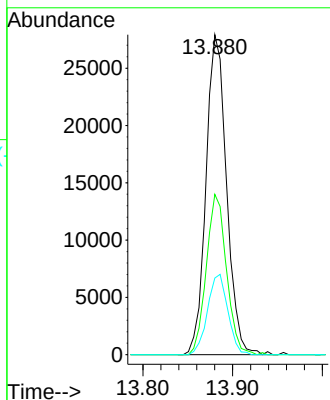
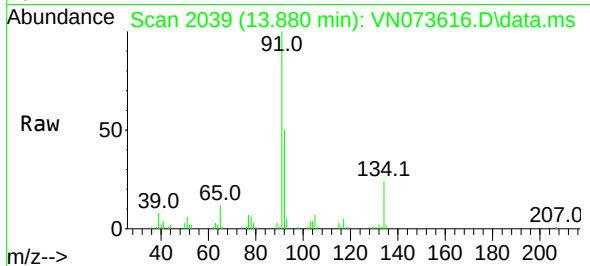
#89
n-Butylbenzene
Concen: 4.406 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 44460
Ion Ratio Lower Upper
91 100
92 49.2 26.9 80.7
134 24.8 13.6 40.8

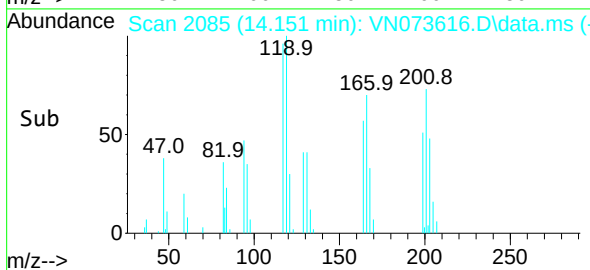
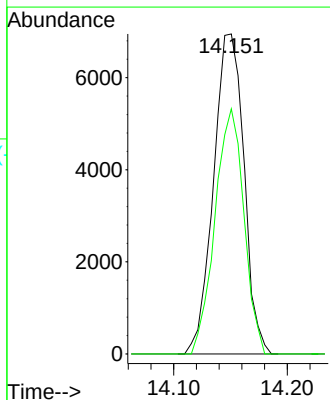
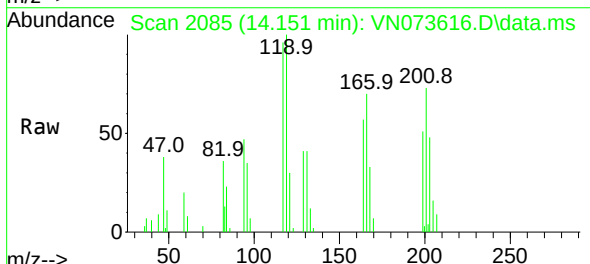
Manual Integrations
APPROVED

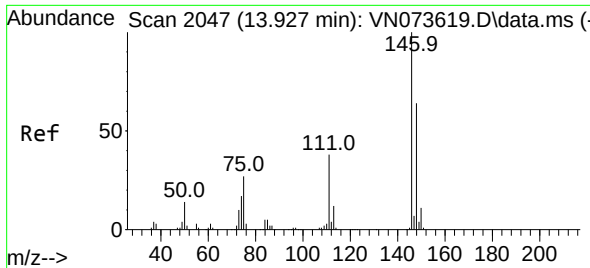
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#90
Hexachloroethane
Concen: 5.118 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion:117 Resp: 12919
Ion Ratio Lower Upper
117 100
201 72.7 40.6 122.0





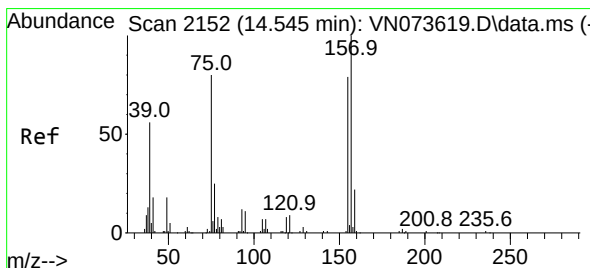
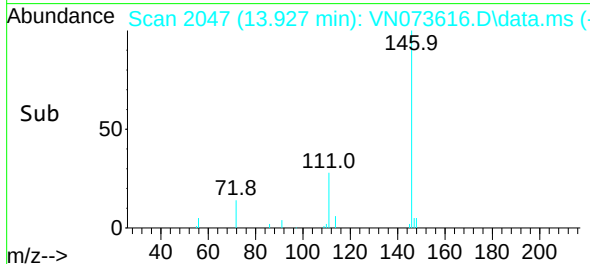
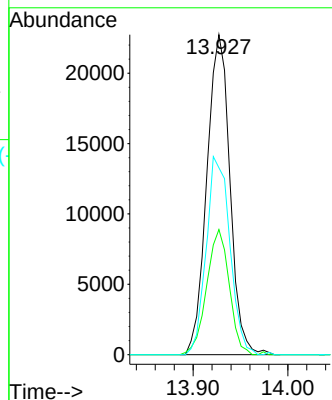
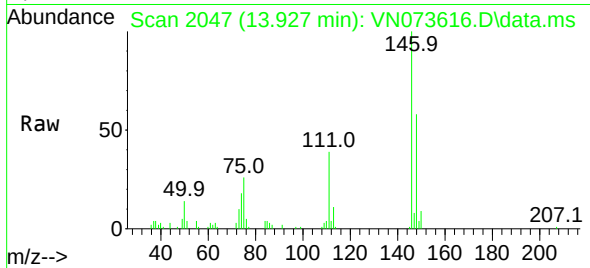
#91
1,2-Dichlorobenzene
Concen: 5.109 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 38469
Ion Ratio Lower Upper
146 100
111 38.2 20.9 62.8
148 63.4 32.1 96.3

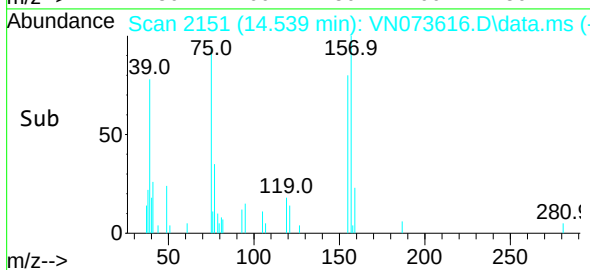
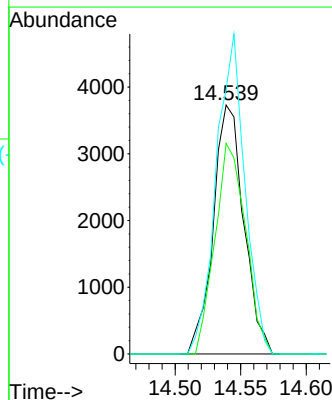
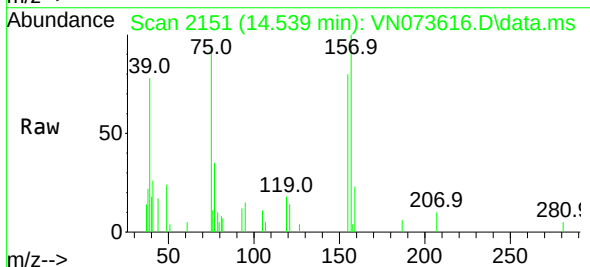
Manual Integrations
APPROVED

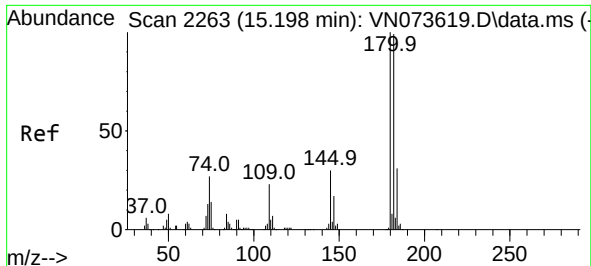
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.059 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion: 75 Resp: 6039
Ion Ratio Lower Upper
75 100
155 85.2 44.9 134.5
157 120.5 59.0 176.8





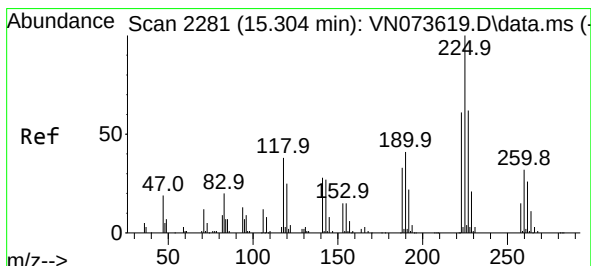
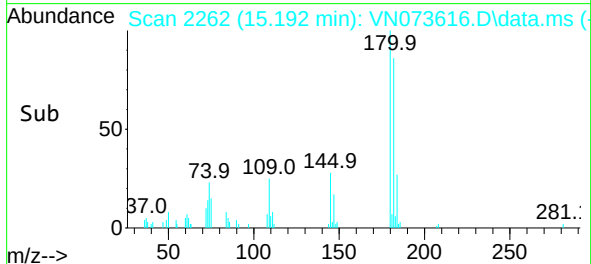
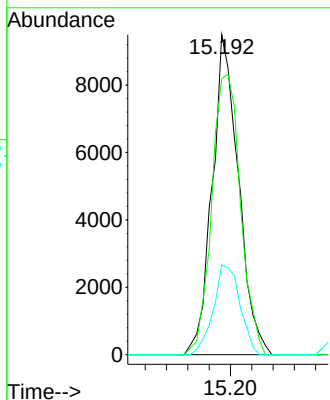
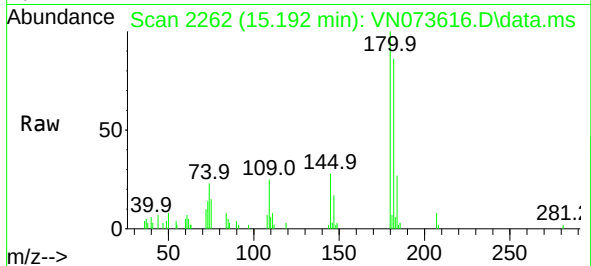
#93
1,2,4-Trichlorobenzene
Concen: 4.370 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:180 Resp: 16264
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 28.3 14.5 43.5

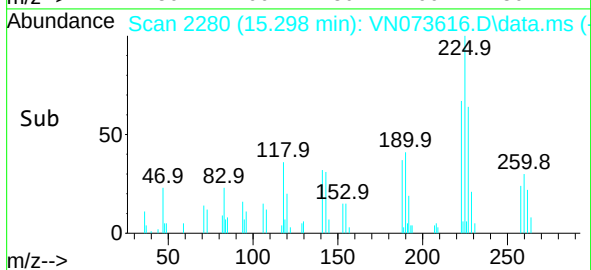
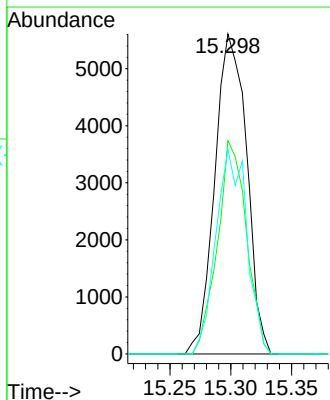
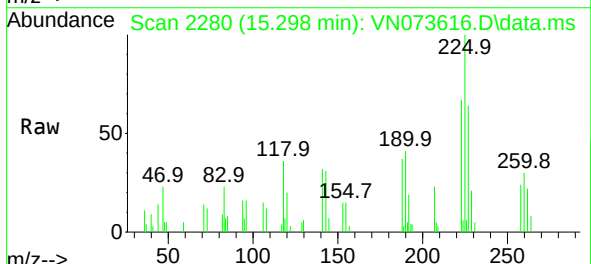
Manual Integrations
APPROVED

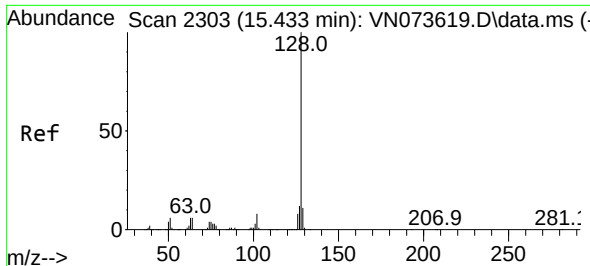
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#94
Hexachlorobutadiene
Concen: 5.022 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

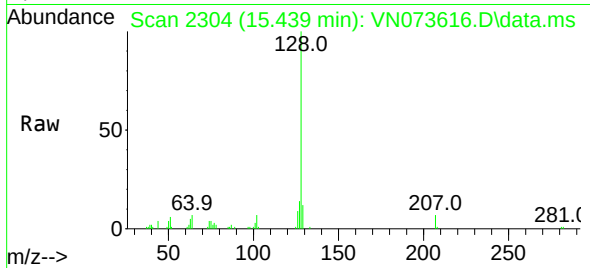
Tgt Ion:225 Resp: 10182
Ion Ratio Lower Upper
225 100
223 61.0 32.4 97.2
227 62.2 31.8 95.4





#95
Naphthalene
Concen: 4.149 ug/l
RT: 15.439 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

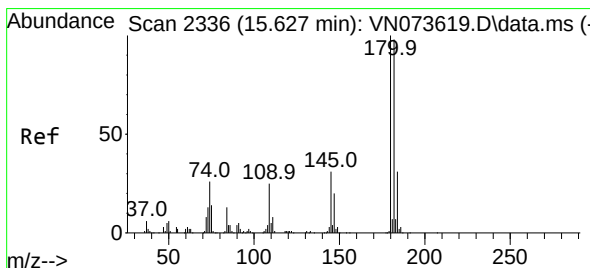
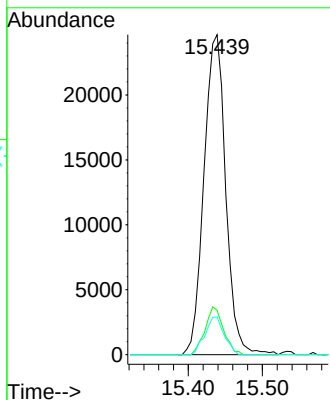
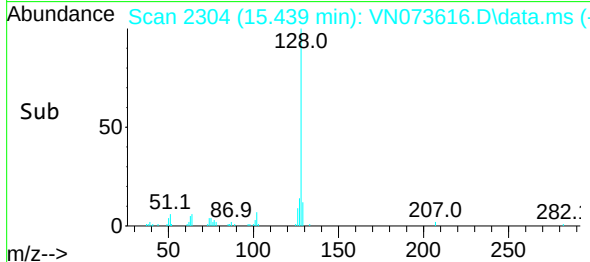
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 5022
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.4 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 4.309 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073616.D
Acq: 28 Jul 2022 10:55

Tgt Ion:180 Resp: 16782
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.3 15.5 46.5

