

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075732.D
 Acq On : 13 Dec 2022 01:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2022
 Supervised By : Mahesh Dadoda 12/13/2022

Quant Time: Dec 13 01:43:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	205971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	339751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	157309	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	122605	56.102	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.200%			
35) Dibromofluoromethane	8.171	113	110696	53.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.800%			
50) Toluene-d8	10.571	98	424837	54.574	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.140%			
62) 4-Bromofluorobenzene	12.853	95	148007	55.608	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	72662	47.965	ug/l	100
3) Chloromethane	2.377	50	87996	48.754	ug/l	92
4) Vinyl Chloride	2.530	62	109384	49.338	ug/l	96
5) Bromomethane	2.948	94	93759	49.654	ug/l	99
6) Chloroethane	3.124	64	82244	49.718	ug/l	98
7) Trichlorofluoromethane	3.506	101	168220	52.296	ug/l	100
8) Diethyl Ether	3.971	74	65664	55.837	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.383	101	95701	50.695	ug/l	99
10) Methyl Iodide	4.600	142	163447	52.982	ug/l	99
11) Tert butyl alcohol	5.530	59	82232	254.347	ug/l	100
12) 1,1-Dichloroethene	4.353	96	94298	53.442	ug/l	94
13) Acrolein	4.189	56	118505	318.259	ug/l	100
14) Allyl chloride	5.036	41	108854	49.539	ug/l	99
15) Acrylonitrile	5.730	53	229143	274.389	ug/l	99
16) Acetone	4.436	43	173238	234.074	ug/l	98
17) Carbon Disulfide	4.724	76	234959	50.323	ug/l	100
18) Methyl Acetate	5.042	43	117529	49.420	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	330994	55.765	ug/l	97
20) Methylene Chloride	5.289	84	110553	50.107	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	106208	53.862	ug/l	93
22) Diisopropyl ether	6.677	45	286982	57.401	ug/l	98
23) Vinyl Acetate	6.612	43	1103731m	289.516	ug/l	
24) 1,1-Dichloroethane	6.577	63	184377	56.025	ug/l	98
25) 2-Butanone	7.488	43	283319	261.867	ug/l	98
26) 2,2-Dichloropropane	7.500	77	139062	49.545	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	131433	54.904	ug/l	100
28) Bromochloromethane	7.818	49	75010	57.006	ug/l	97
29) Tetrahydrofuran	7.841	42	185815	278.641	ug/l	99
30) Chloroform	7.971	83	209073	57.356	ug/l	99
31) Cyclohexane	8.259	56	156413	48.340	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	185153	55.056	ug/l	99
36) 1,1-Dichloropropene	8.377	75	144931	52.655	ug/l	99
37) Ethyl Acetate	7.565	43	116907	52.901	ug/l	99
38) Carbon Tetrachloride	8.371	117	165386	52.070	ug/l	98
39) Methylcyclohexane	9.606	83	185307	53.093	ug/l	99
40) Benzene	8.612	78	458360	54.262	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	59162	52.210	ug/l	97
42) 1,2-Dichloroethane	8.677	62	151392	53.576	ug/l	98
43) Isopropyl Acetate	8.694	43	203941	55.278	ug/l	99
44) Trichloroethene	9.359	130	123010	51.619	ug/l	95
45) 1,2-Dichloropropane	9.624	63	111068	55.285	ug/l	99
46) Dibromomethane	9.712	93	81709	54.172	ug/l	100
47) Bromodichloromethane	9.888	83	164161	55.509	ug/l	94
48) Methyl methacrylate	9.682	41	91775	54.011	ug/l	98
49) 1,4-Dioxane	9.700	88	42823	1036.765	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	618988	272.093	ug/l	99
52) Toluene	10.629	92	305718	54.756	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	168068	57.542	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	182298	56.099	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	118909	54.166	ug/l	97
56) Ethyl methacrylate	10.876	69	170991	57.484	ug/l	99
57) 1,3-Dichloropropane	11.165	76	196204	55.296	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	245437	279.457	ug/l	99
59) 2-Hexanone	11.200	43	451117	272.946	ug/l	100
60) Dibromochloromethane	11.359	129	135789	56.212	ug/l	100
61) 1,2-Dibromoethane	11.471	107	123009	53.483	ug/l	99
64) Tetrachloroethene	11.106	164	108374	47.413	ug/l	98
65) Chlorobenzene	11.894	112	331522	51.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	125355	53.364	ug/l	99
67) Ethyl Benzene	11.965	91	589641	53.984	ug/l	97
68) m/p-Xylenes	12.076	106	476183	107.895	ug/l	100
69) o-Xylene	12.400	106	233343	54.485	ug/l	98
70) Styrene	12.412	104	384565	55.987	ug/l	99
71) Bromoform	12.582	173	98296	55.204	ug/l #	98
73) Isopropylbenzene	12.700	105	606339	53.682	ug/l	100
74) N-amyl acetate	12.494	43	184749	56.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	169853	50.060	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	141928m	44.926	ug/l	
77) Bromobenzene	12.982	156	147269	51.846	ug/l	98
78) n-propylbenzene	13.035	91	683493	54.533	ug/l	100
79) 2-Chlorotoluene	13.129	91	408486	52.790	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	514055	54.436	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45710	47.295	ug/l	96
82) 4-Chlorotoluene	13.129	91	408486	52.790	ug/l	99
83) tert-Butylbenzene	13.441	119	455696	53.213	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	517190	54.492	ug/l	100
85) sec-Butylbenzene	13.617	105	644824	54.772	ug/l	100
86) p-Isopropyltoluene	13.729	119	549596	55.793	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	280882	52.875	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	273651	50.645	ug/l	100
89) n-Butylbenzene	14.059	91	439152	55.623	ug/l	100
90) Hexachloroethane	14.335	117	96122	56.969	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	273483	51.738	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29592	53.076	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	139172	54.839	ug/l	100
94) Hexachlorobutadiene	15.506	225	72326	50.230	ug/l	99
95) Naphthalene	15.641	128	400985	53.460	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	132452	53.116	ug/l	98

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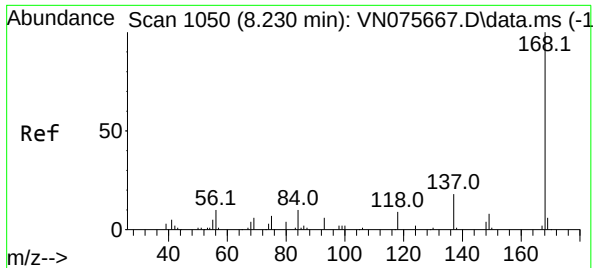
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

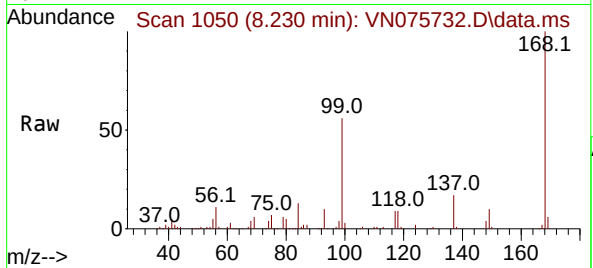
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

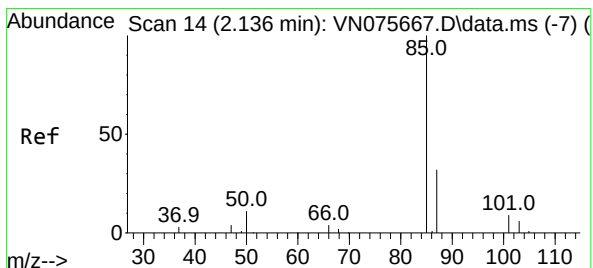
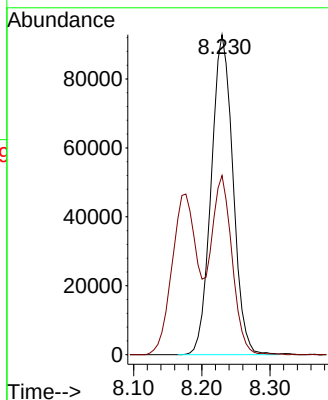
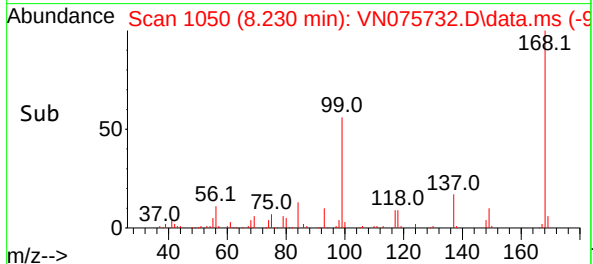
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Tgt Ion:168 Resp: 20597
Ion Ratio Lower Upper
168 100
99 55.8 41.2 61.8

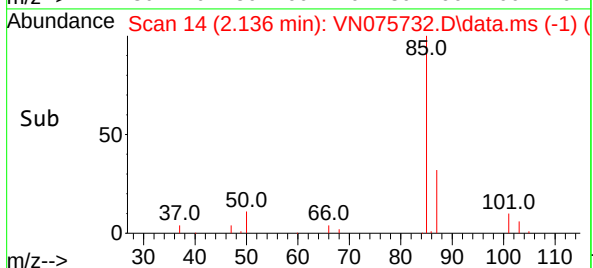
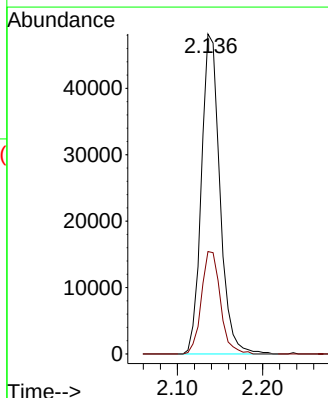
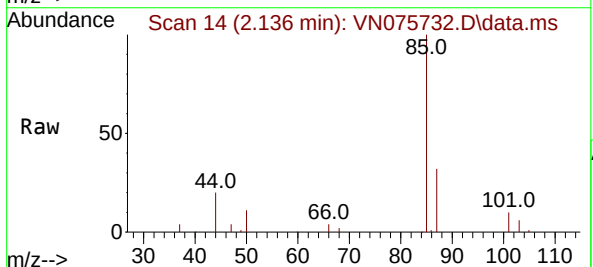
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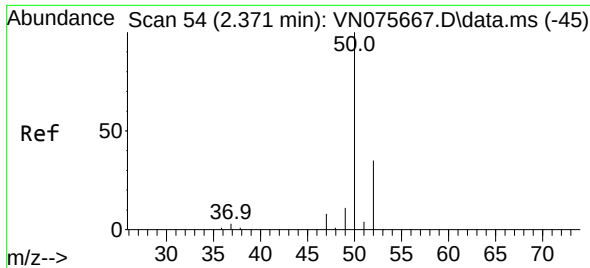
Reviewed By :John Carlone 12/13/2022
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#2
Dichlorodifluoromethane
Concen: 47.965 ug/l
RT: 2.136 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion: 85 Resp: 72662
Ion Ratio Lower Upper
85 100
87 32.0 16.1 48.2





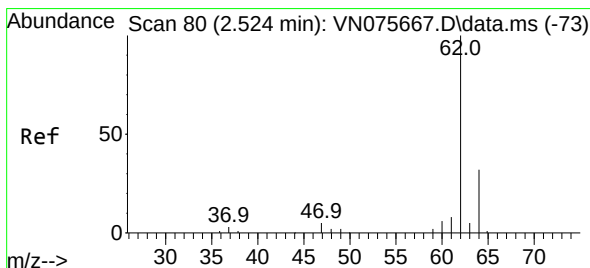
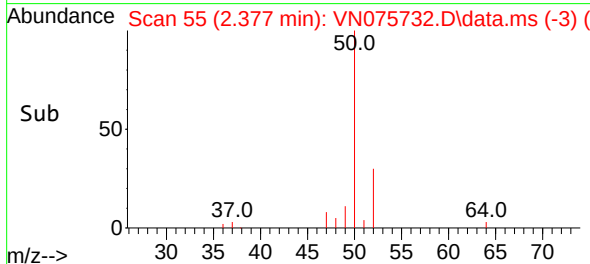
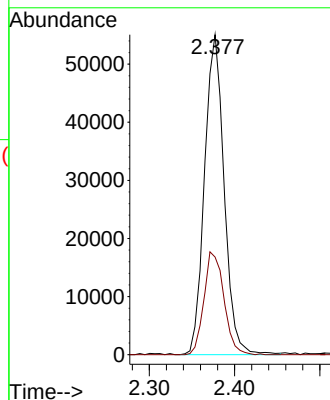
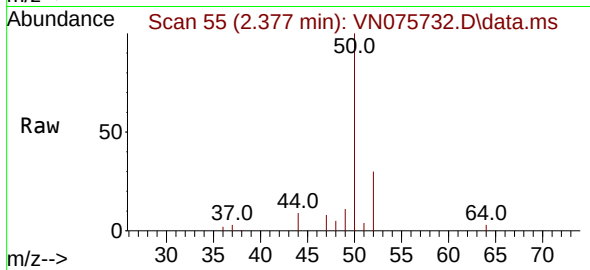
#3
Chloromethane
Concen: 48.754 ug/l
RT: 2.377 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

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Tgt Ion: 50 Resp: 87990
Ion Ratio Lower Upper
50 100
52 30.5 27.9 41.9

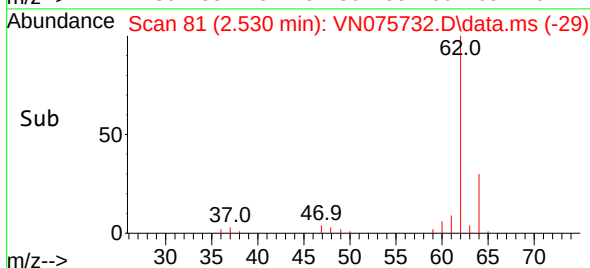
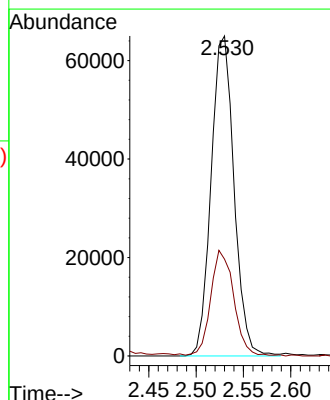
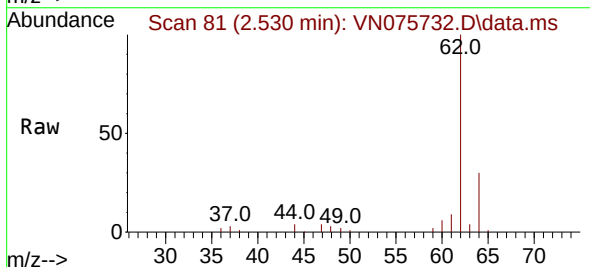
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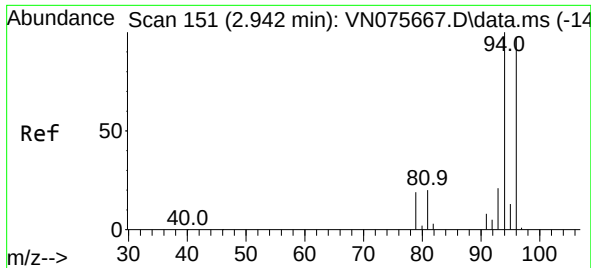
Reviewed By :John Carlone 12/13/2022
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#4
Vinyl Chloride
Concen: 49.338 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion: 62 Resp: 109384
Ion Ratio Lower Upper
62 100
64 29.9 25.9 38.9





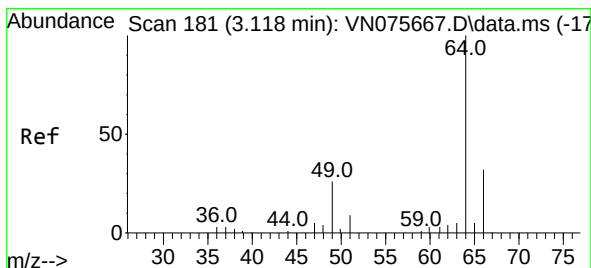
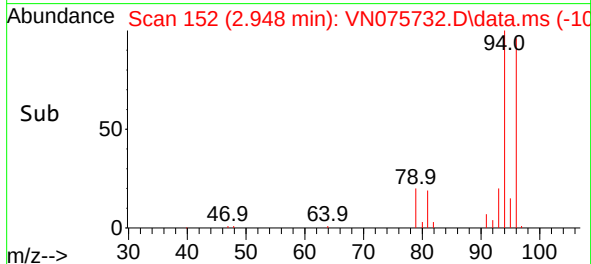
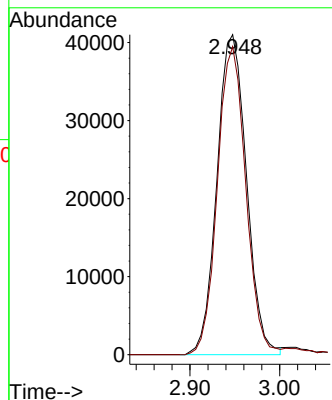
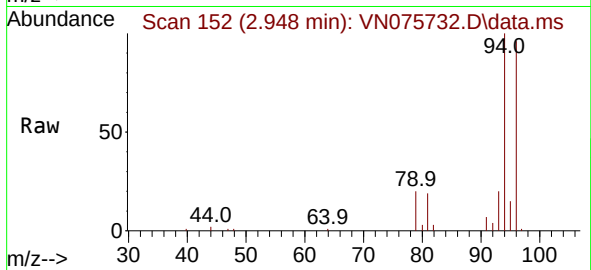
#5
Bromomethane
Concen: 49.654 ug/l
RT: 2.948 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 93759
Ion Ratio Lower Upper
94 100
96 96.3 77.6 116.4

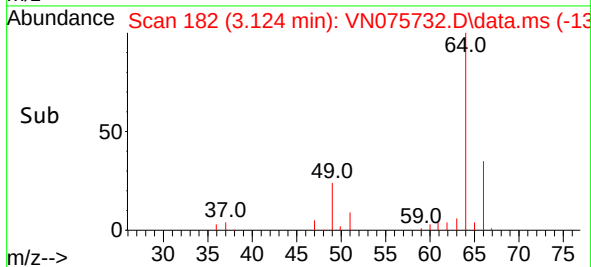
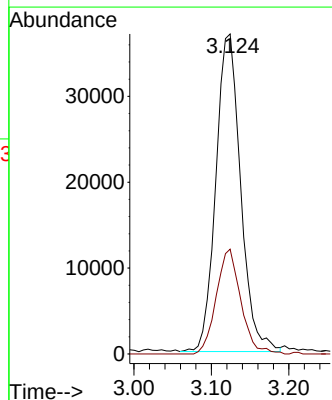
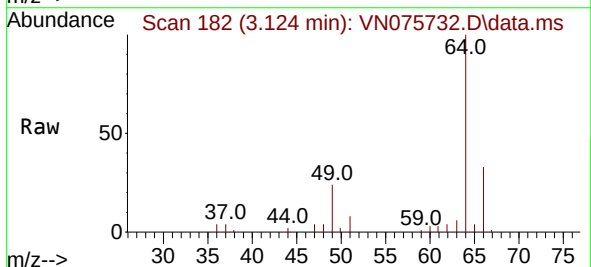
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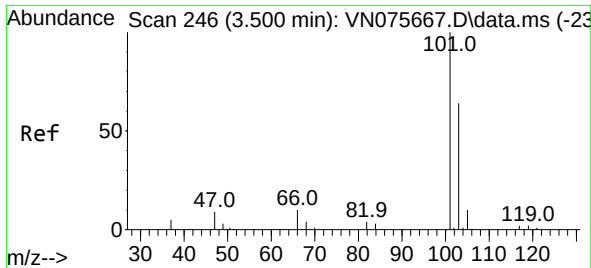
Reviewed By :John Carlone 12/13/2022
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#6
Chloroethane
Concen: 49.718 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN075732.D
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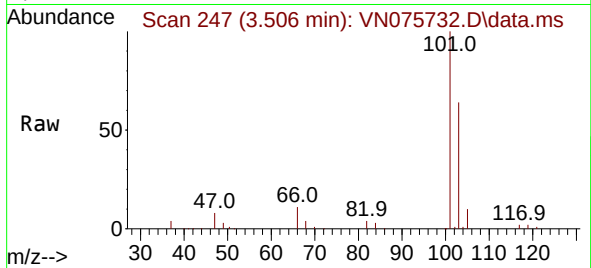
Tgt Ion: 64 Resp: 82244
Ion Ratio Lower Upper
64 100
66 33.0 25.7 38.5





#7
Trichlorofluoromethane
Concen: 52.296 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

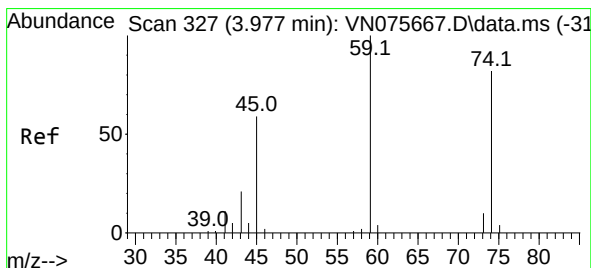
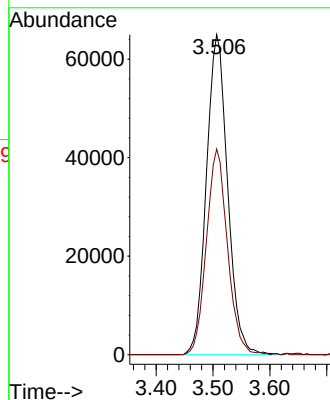
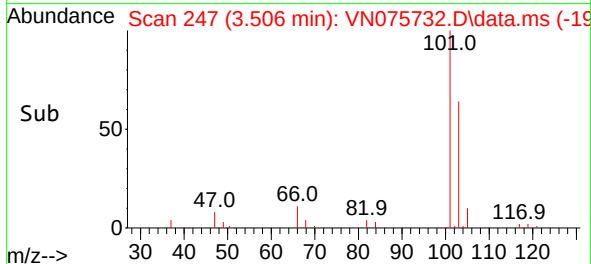
Instrument :
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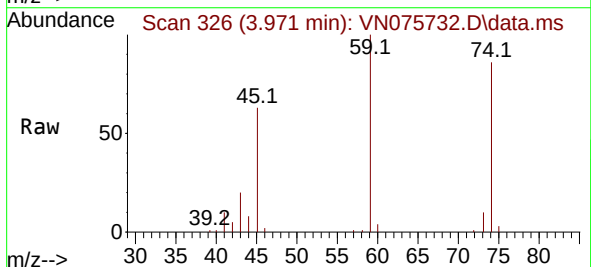
Tgt Ion:101 Resp: 168220
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.2

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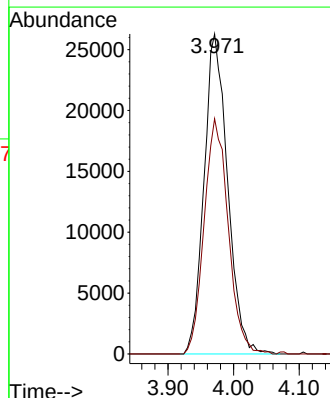
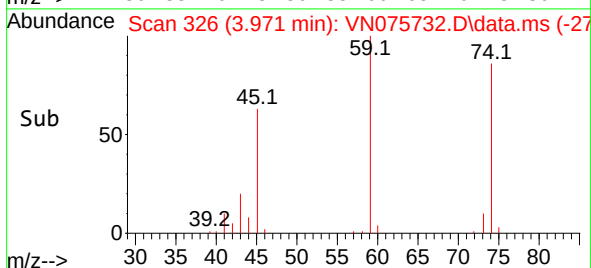
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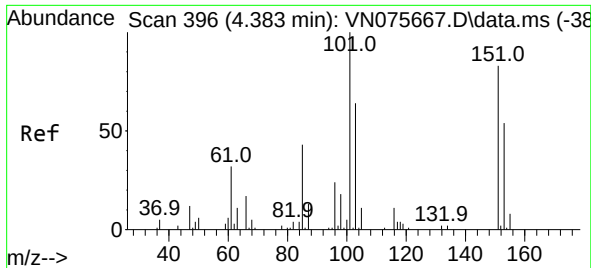


#8
Diethyl Ether
Concen: 55.837 ug/l
RT: 3.971 min Scan# 326
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion: 74 Resp: 65664
Ion Ratio Lower Upper
74 100
45 75.1 36.8 110.4





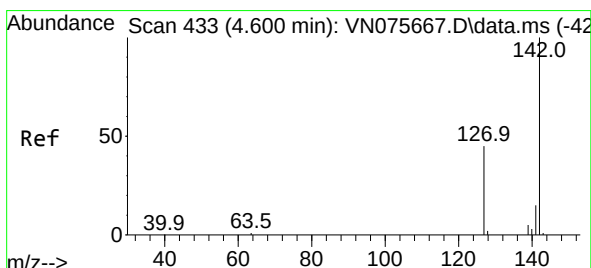
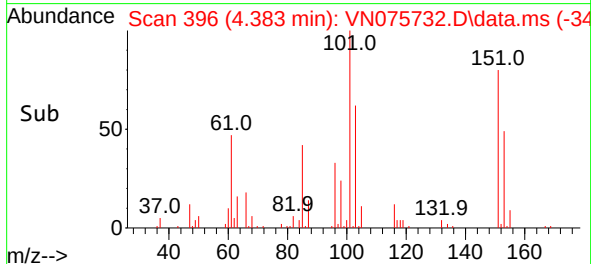
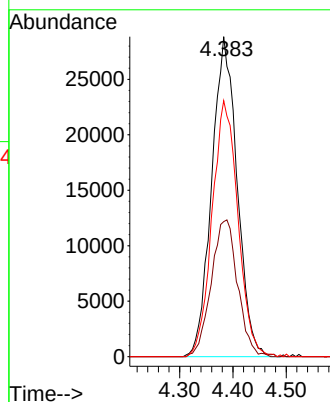
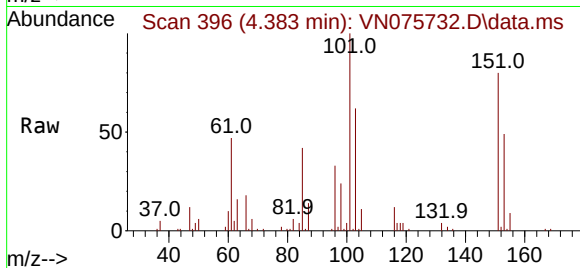
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.695 ug/l
RT: 4.383 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 9570
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 81.1 65.6 98.4

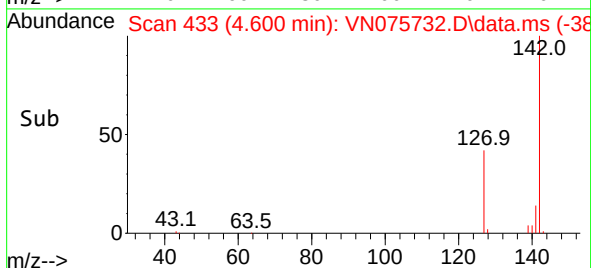
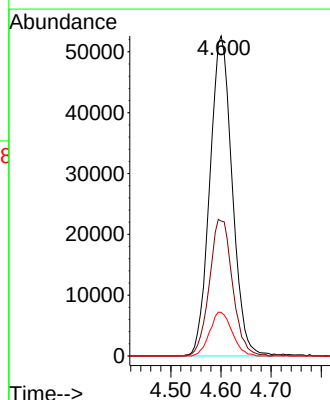
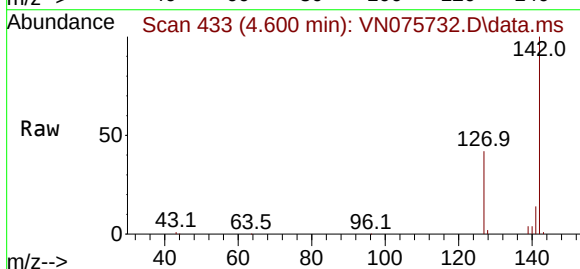
Manual Integrations
APPROVED

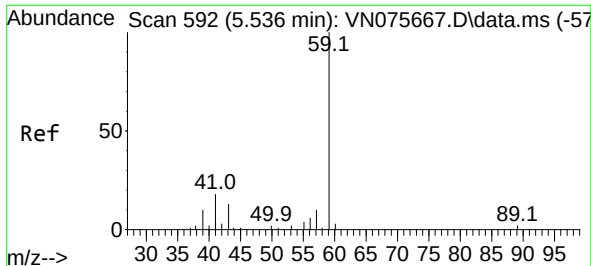
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#10
Methyl Iodide
Concen: 52.982 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

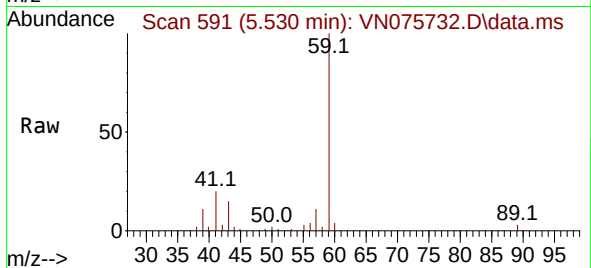
Tgt Ion:142 Resp: 163447
Ion Ratio Lower Upper
142 100
127 43.9 35.0 52.4
141 13.7 11.4 17.2





#11
Tert butyl alcohol
Concen: 254.347 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

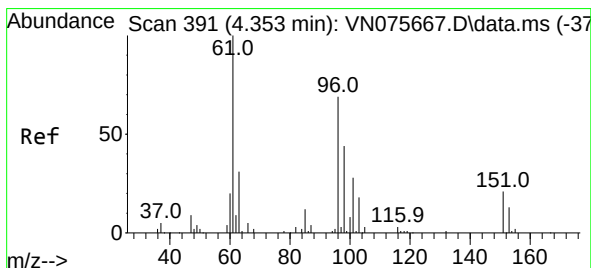
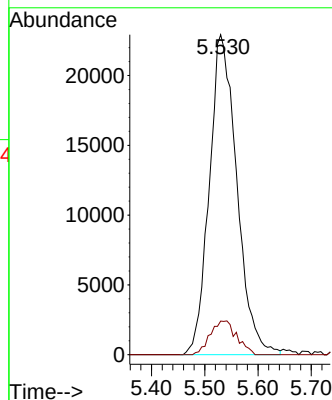
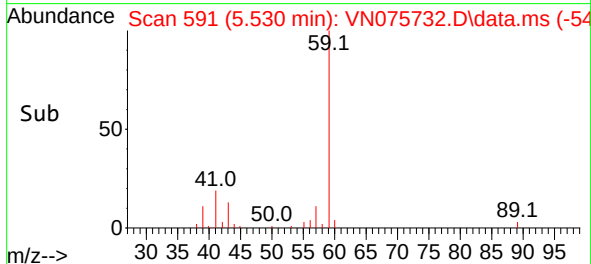
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



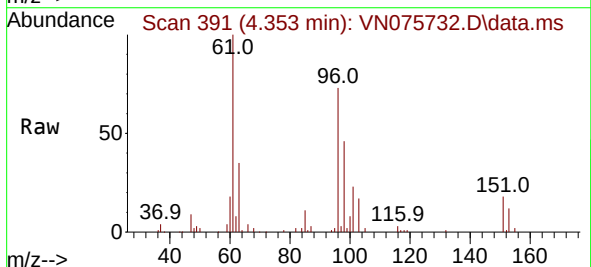
Tgt Ion: 59 Resp: 8223
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.4

Manual Integrations
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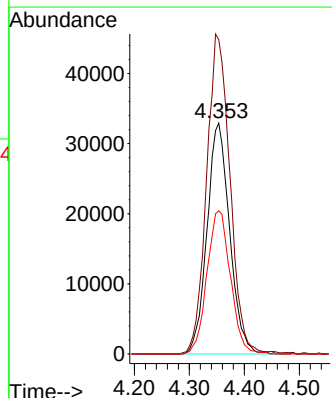
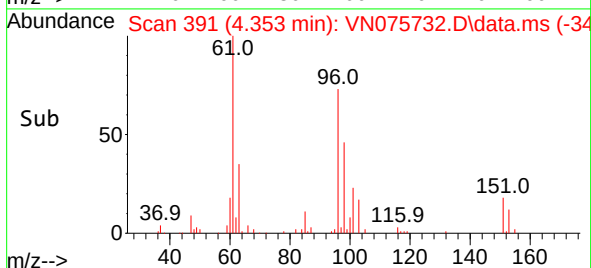
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

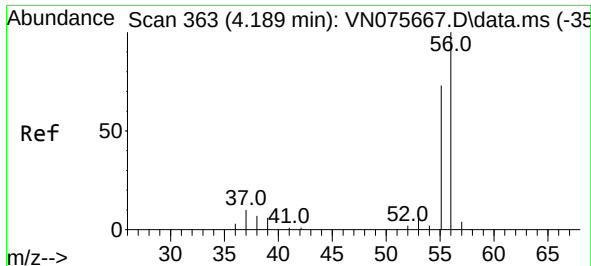


#12
1,1-Dichloroethene
Concen: 53.442 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion: 96 Resp: 94298
Ion Ratio Lower Upper
96 100
61 136.2 116.8 175.2
98 62.0 51.6 77.4





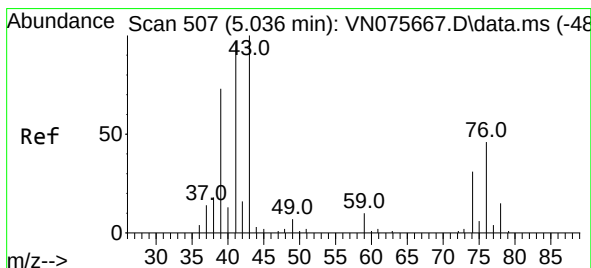
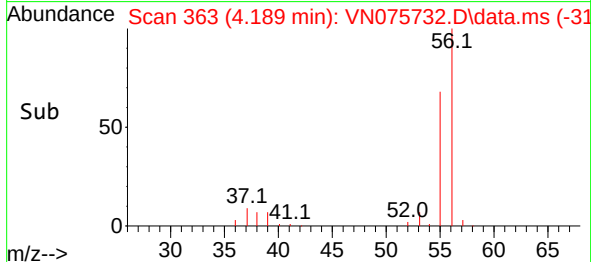
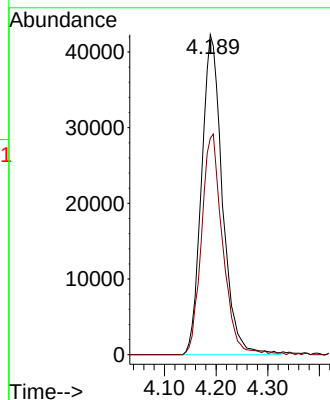
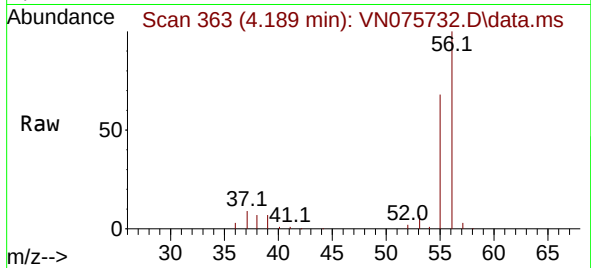
#13
Acrolein
Concen: 318.259 ug/l
RT: 4.189 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 11850
Ion Ratio Lower Upper
56 100
55 69.3 55.7 83.5

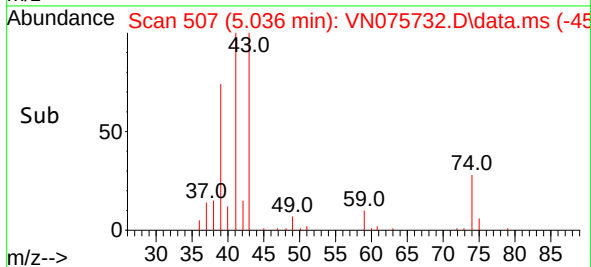
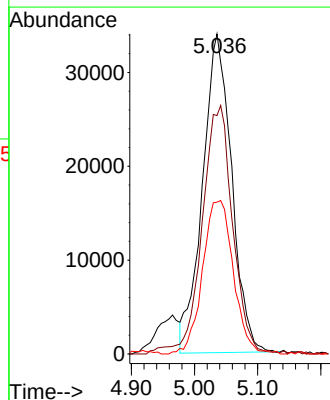
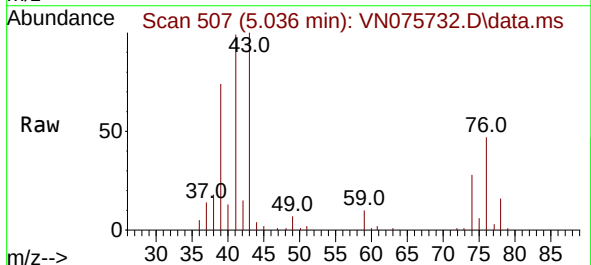
Manual Integrations
APPROVED

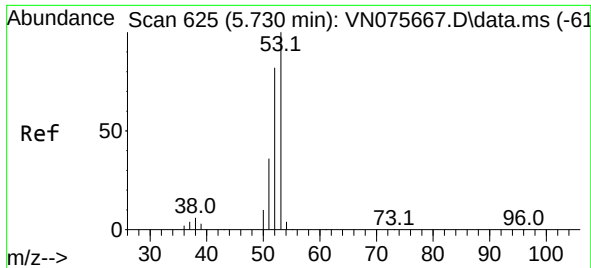
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#14
Allyl chloride
Concen: 49.539 ug/l
RT: 5.036 min Scan# 507
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

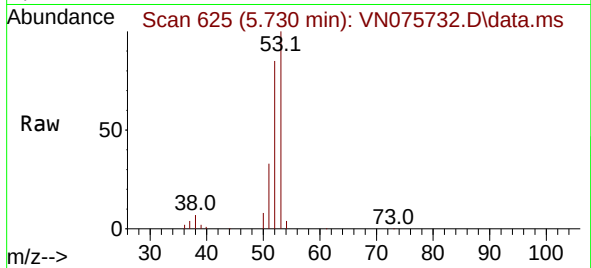
Tgt Ion: 41 Resp: 108854
Ion Ratio Lower Upper
41 100
39 81.9 64.6 96.8
76 50.9 40.9 61.3





#15
Acrylonitrile
Concen: 274.389 ug/l
RT: 5.730 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

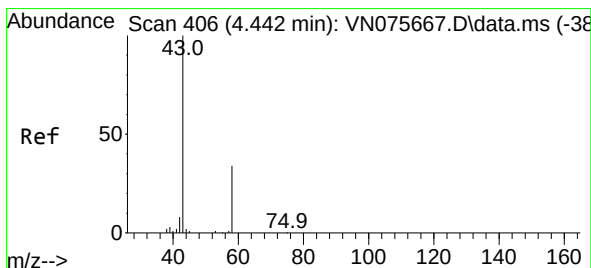
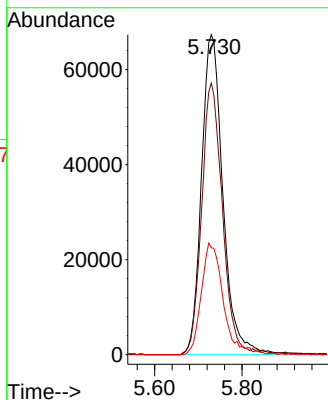
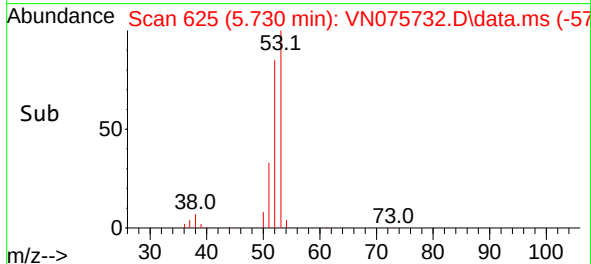
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



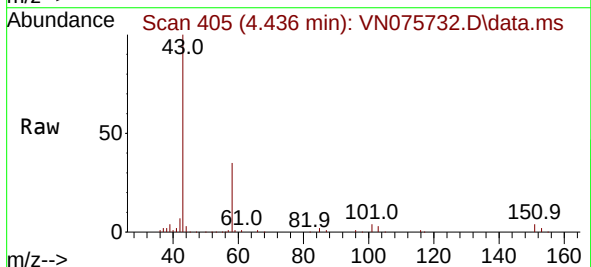
Tgt Ion: 53 Resp: 22914
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 35.6 28.9 43.3

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APPROVED

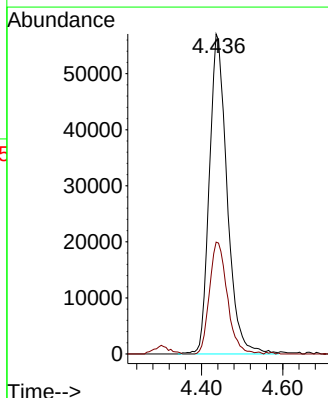
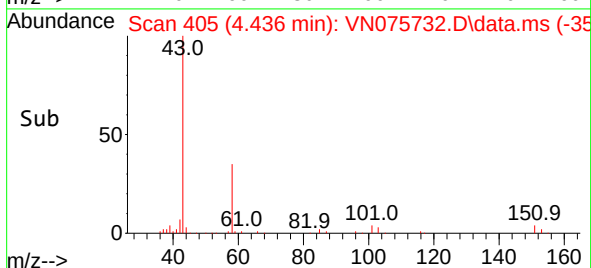
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

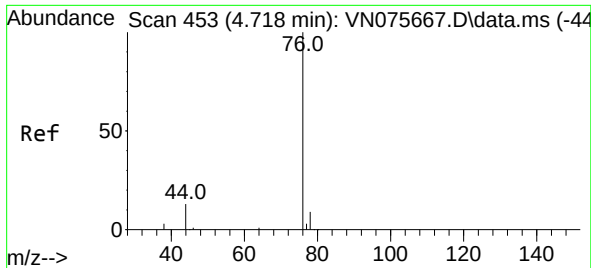


#16
Acetone
Concen: 234.074 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion: 43 Resp: 173238
Ion Ratio Lower Upper
43 100
58 34.7 27.0 40.4





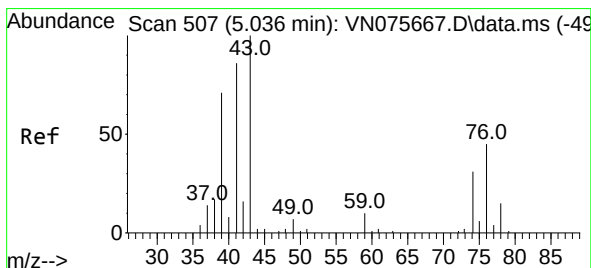
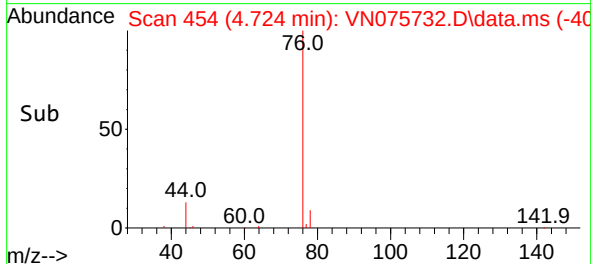
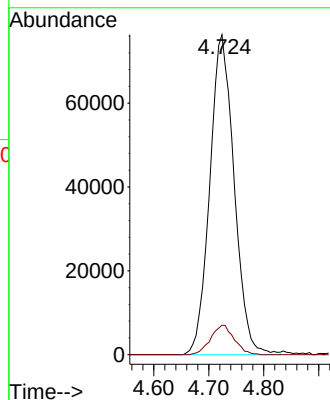
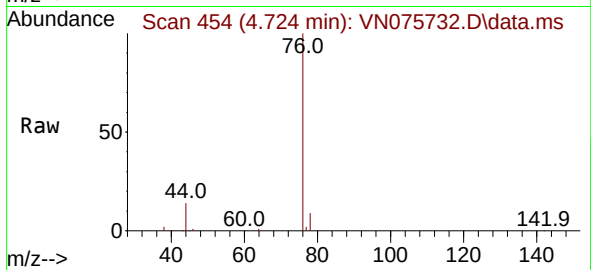
#17
Carbon Disulfide
Concen: 50.323 ug/l
RT: 4.724 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 234959
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

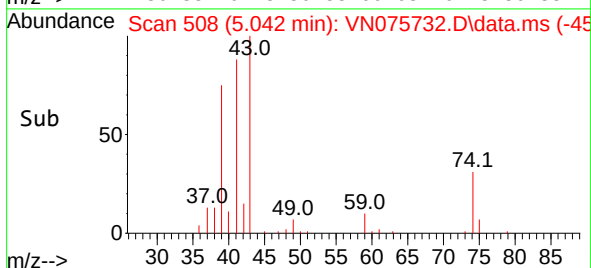
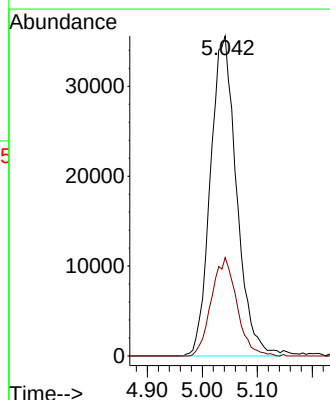
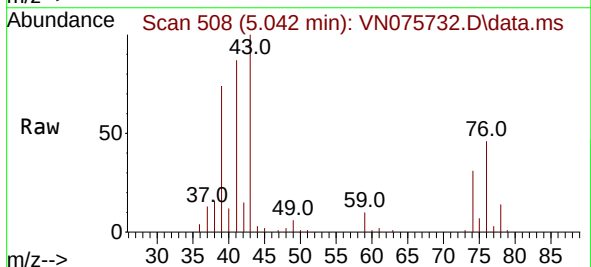
Manual Integrations
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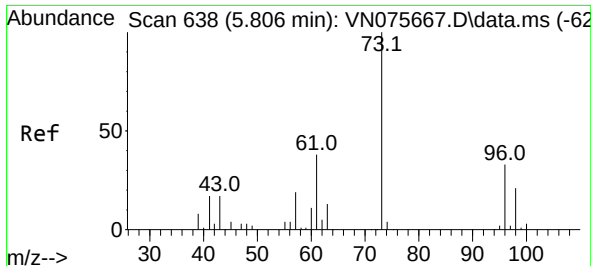
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#18
Methyl Acetate
Concen: 49.420 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion: 43 Resp: 117529
Ion Ratio Lower Upper
43 100
74 30.0 24.5 36.7





#19

Methyl tert-butyl Ether

Concen: 55.765 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 330994

Ion Ratio Lower Upper

73 100

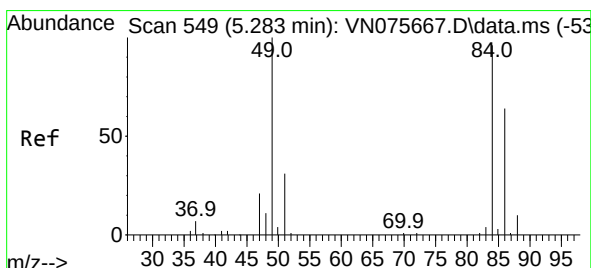
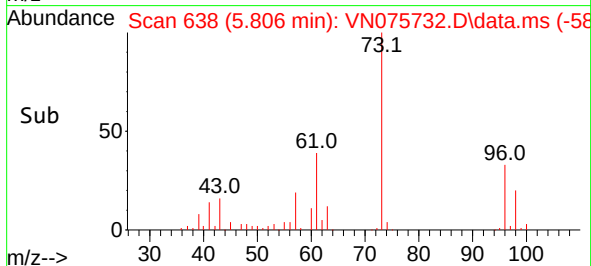
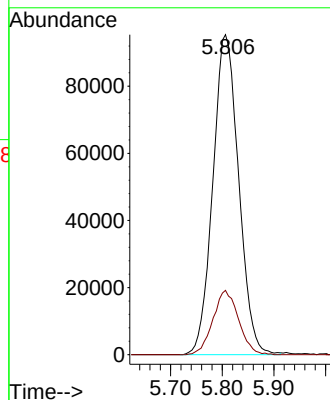
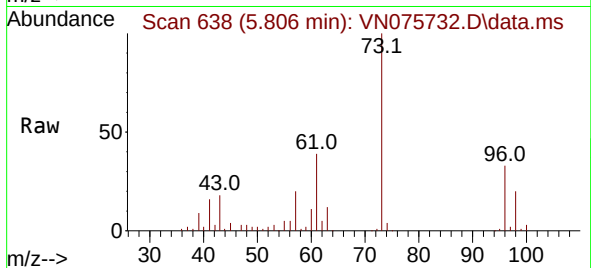
57 20.1 15.1 22.7

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#20

Methylene Chloride

Concen: 50.107 ug/l

RT: 5.289 min Scan# 550

Delta R.T. 0.006 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Tgt Ion: 84 Resp: 110553

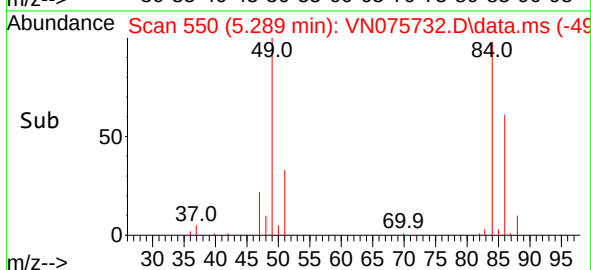
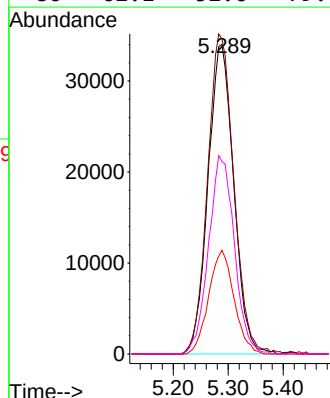
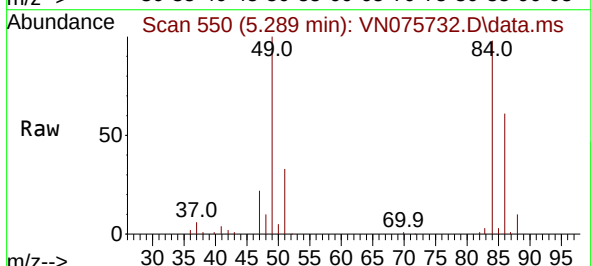
Ion Ratio Lower Upper

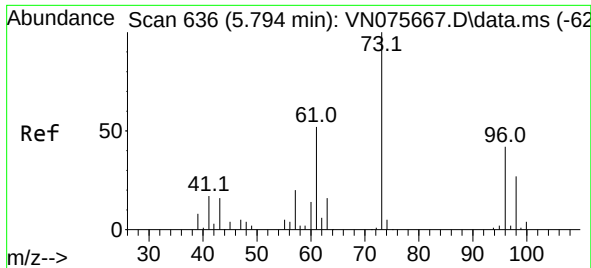
84 100

49 101.6 83.0 124.4

51 33.5 26.0 39.0

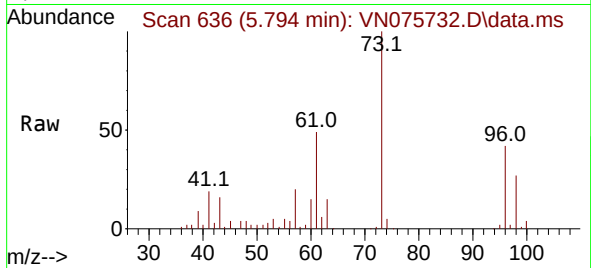
86 62.1 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 53.862 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

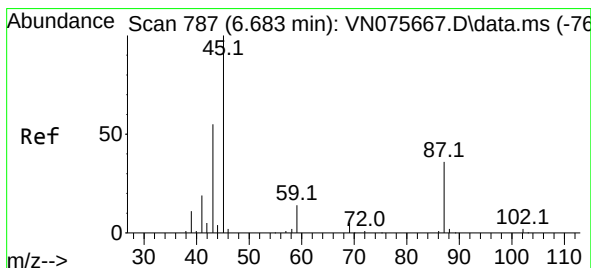
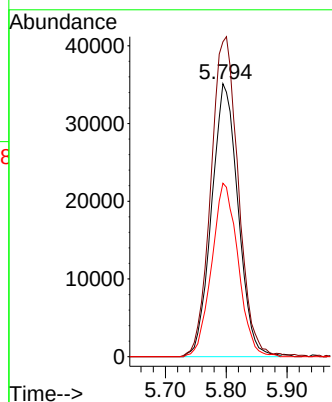
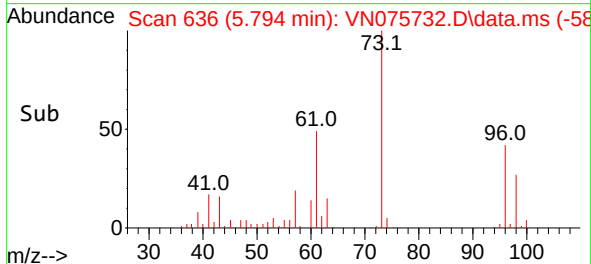
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



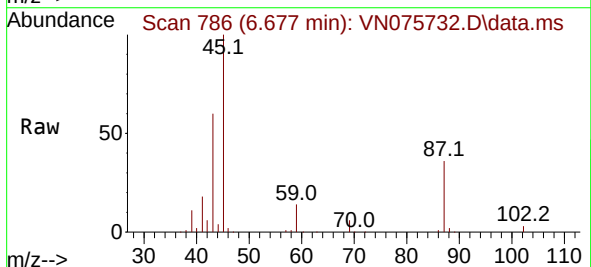
Tgt Ion: 96 Resp: 106208
Ion Ratio Lower Upper
96 100
61 115.4 100.5 150.7
98 63.5 52.7 79.1

Manual Integrations
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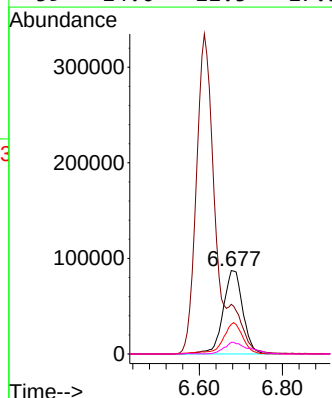
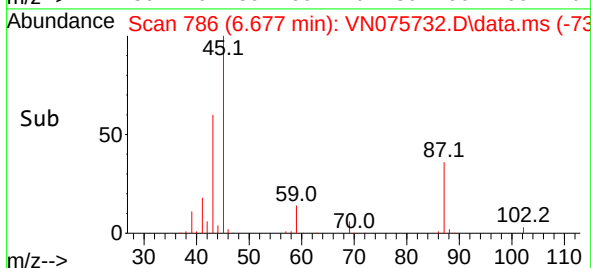
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

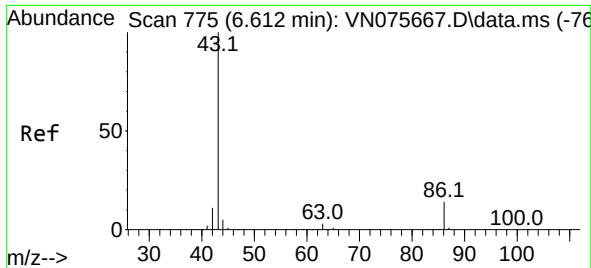


#22
Diisopropyl ether
Concen: 57.401 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion: 45 Resp: 286982
Ion Ratio Lower Upper
45 100
43 58.5 44.9 67.3
87 35.6 28.8 43.2
59 14.0 11.5 17.3





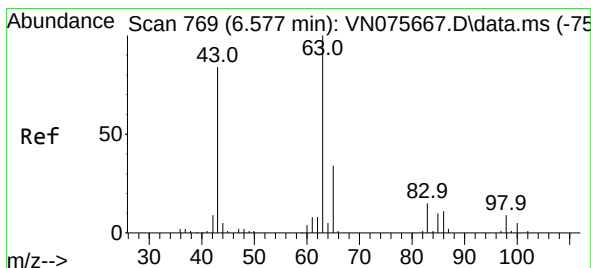
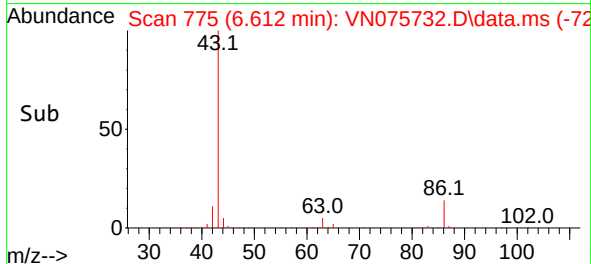
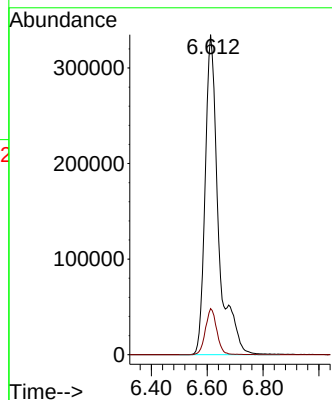
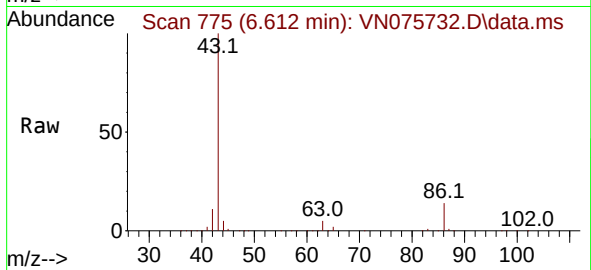
#23
 Vinyl Acetate
 Concen: 289.516 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075732.D
 Acq: 13 Dec 2022 01:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 110373
 Ion Ratio Lower Upper
 43 100
 86 14.4 11.5 17.3

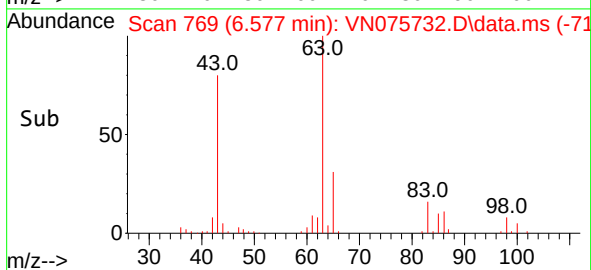
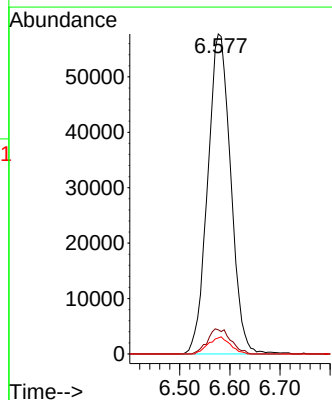
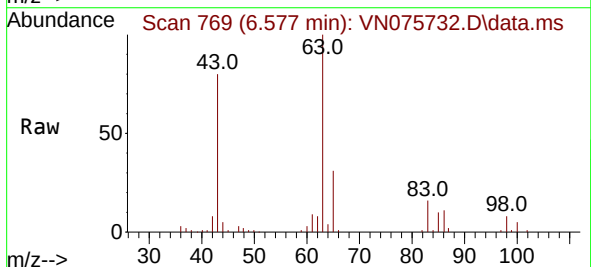
Manual Integrations
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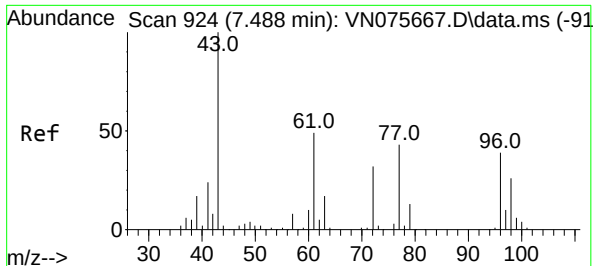
Reviewed By :John Carlone 12/13/2022
 Supervised By :Mahesh Dadoda 12/13/2022



#24
 1,1-Dichloroethane
 Concen: 56.025 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VN075732.D
 Acq: 13 Dec 2022 01:16

Tgt Ion: 63 Resp: 184377
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.3 12.9
 100 5.0 2.6 7.8





#25

2-Butanone

Concen: 261.867 ug/l

RT: 7.488 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 283319

Ion Ratio Lower Upper

43 100

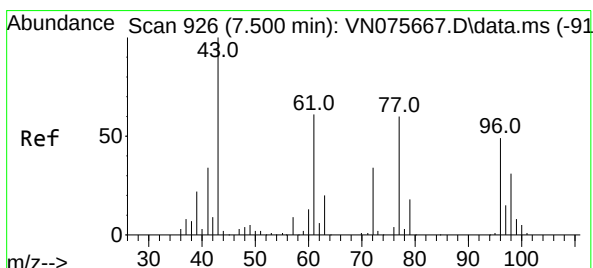
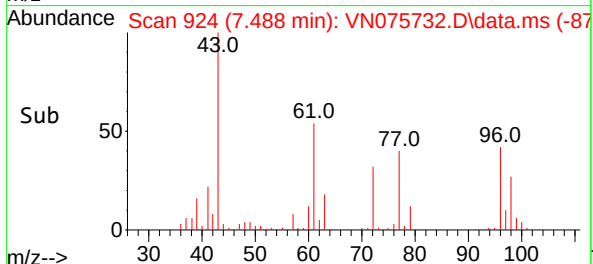
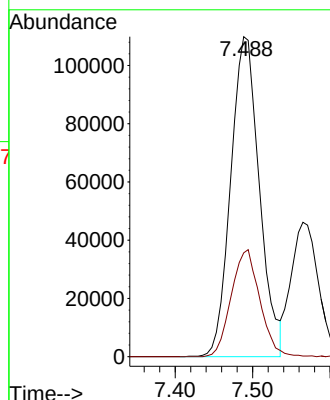
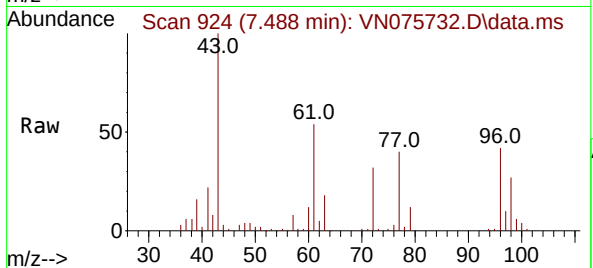
72 32.5 25.3 37.9

Manual Integrations

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Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#26

2,2-Dichloropropane

Concen: 49.545 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.000 min

Lab File: VN075732.D

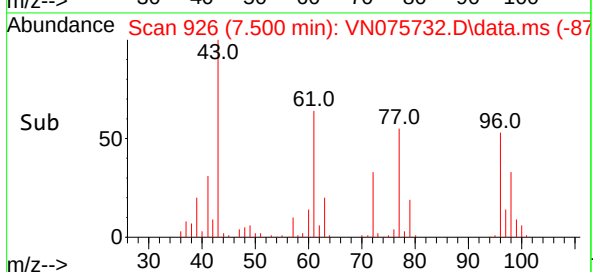
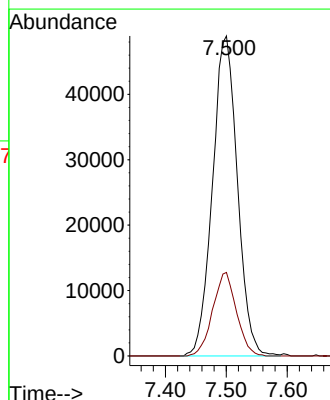
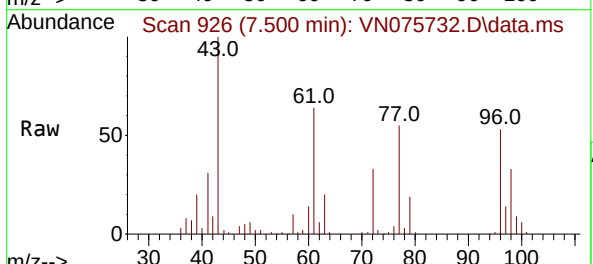
Acq: 13 Dec 2022 01:16

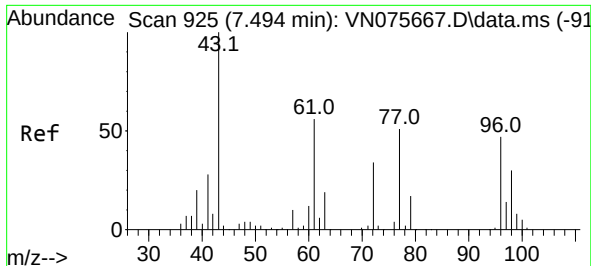
Tgt Ion: 77 Resp: 139062

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.4





#27

cis-1,2-Dichloroethene

Concen: 54.904 ug/l

RT: 7.494 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 13143

Ion Ratio Lower Upper

96 100

61 124.2 0.0 247.8

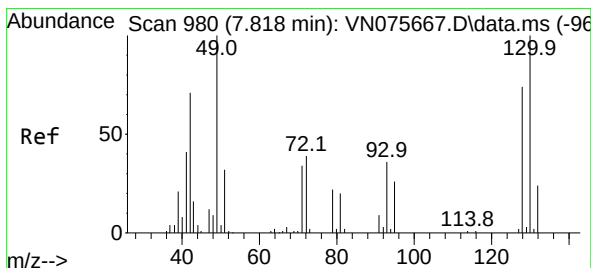
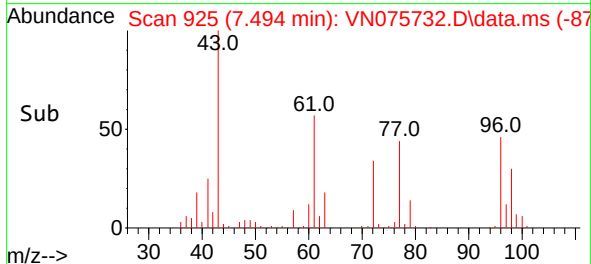
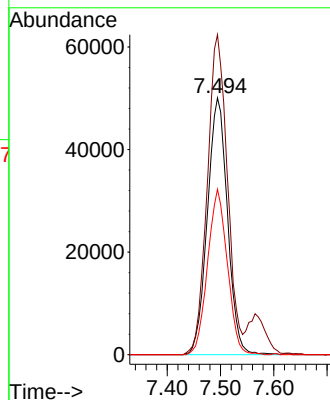
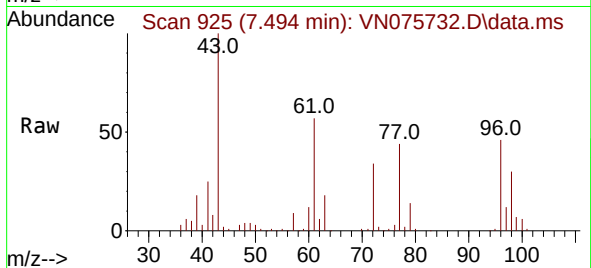
98 63.2 0.0 126.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#28

Bromochloromethane

Concen: 57.006 ug/l

RT: 7.818 min Scan# 980

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

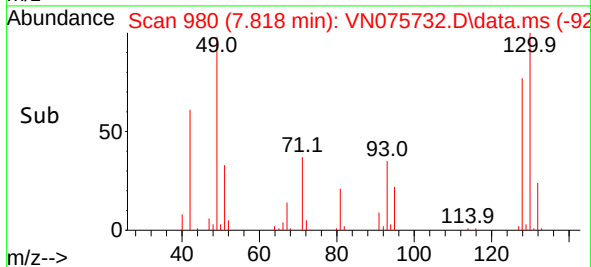
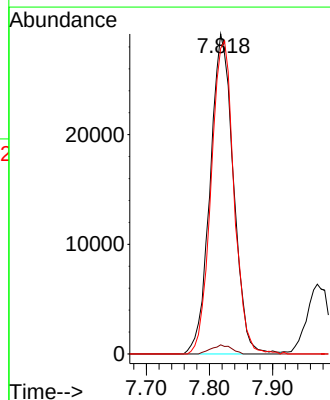
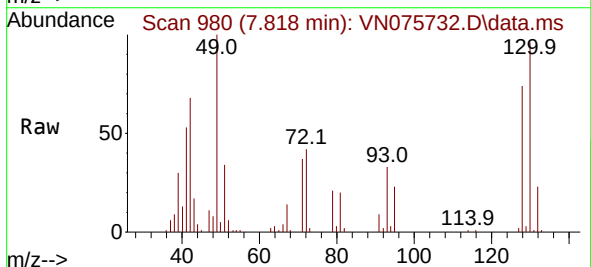
Tgt Ion: 49 Resp: 75010

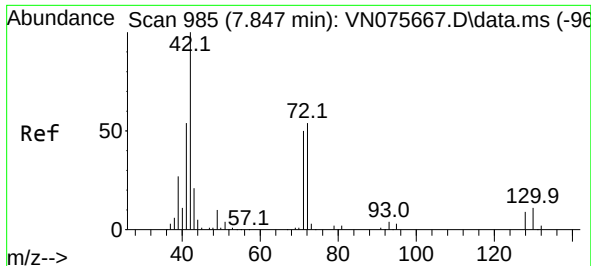
Ion Ratio Lower Upper

49 100

129 2.4 0.0 5.4

130 95.5 78.5 117.7





#29

Tetrahydrofuran

Concen: 278.641 ug/l

RT: 7.841 min Scan# 985

Delta R.T. -0.006 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18581

Ion Ratio Lower Upper

42 100

72 55.2 44.6 67.0

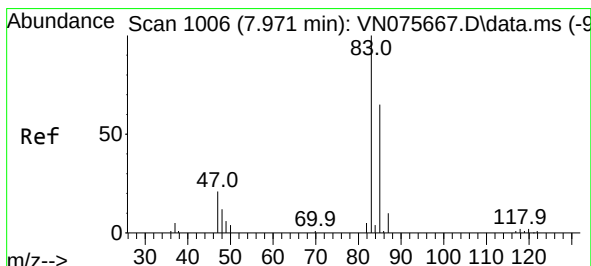
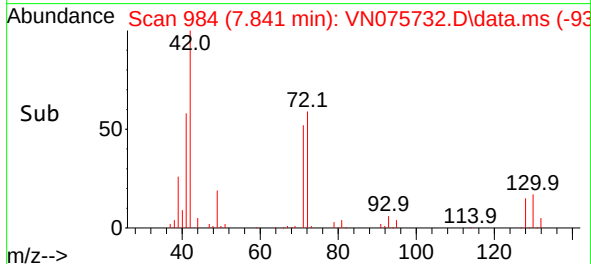
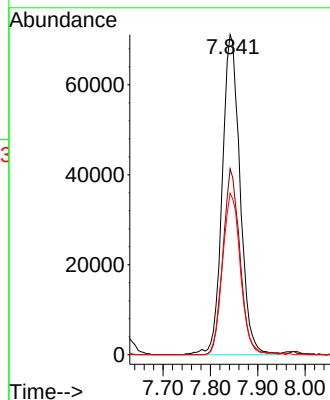
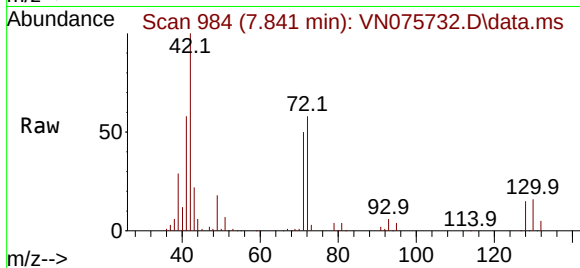
71 51.0 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#30

Chloroform

Concen: 57.356 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VN075732.D

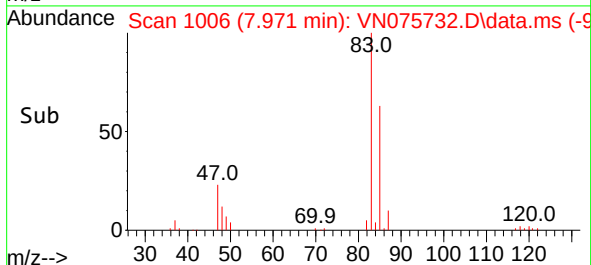
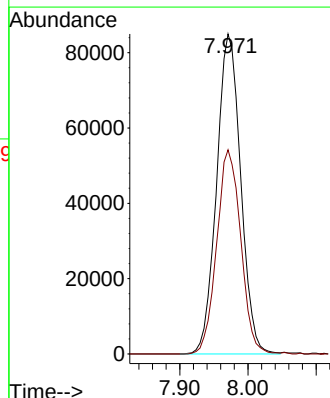
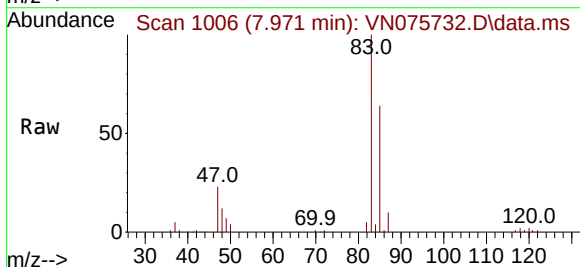
Acq: 13 Dec 2022 01:16

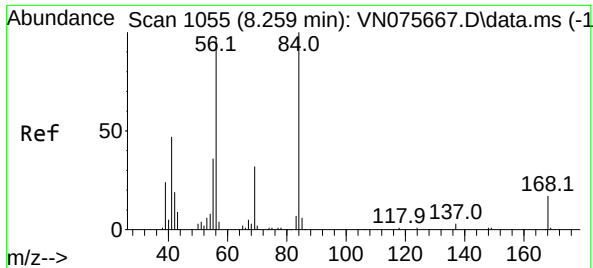
Tgt Ion: 83 Resp: 209073

Ion Ratio Lower Upper

83 100

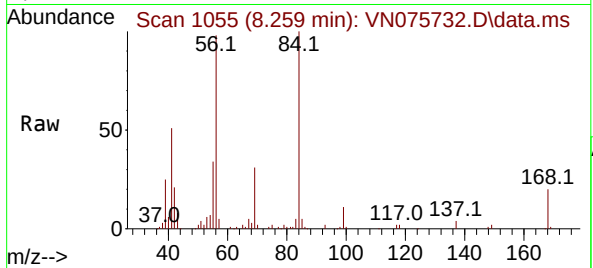
85 63.8 51.8 77.6





#31
Cyclohexane
Concen: 48.340 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

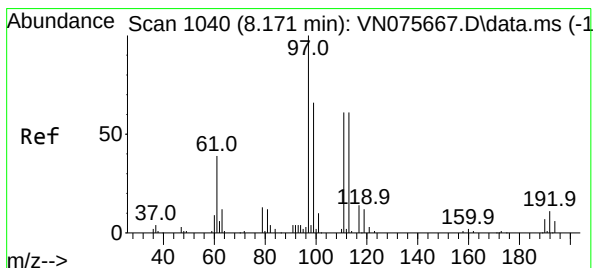
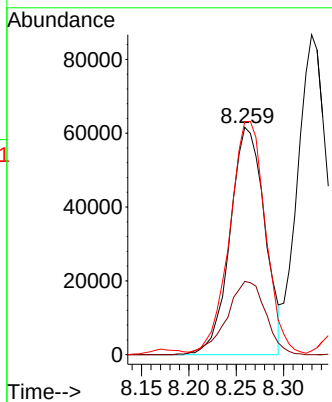
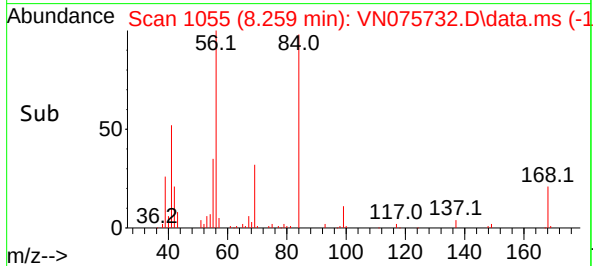
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



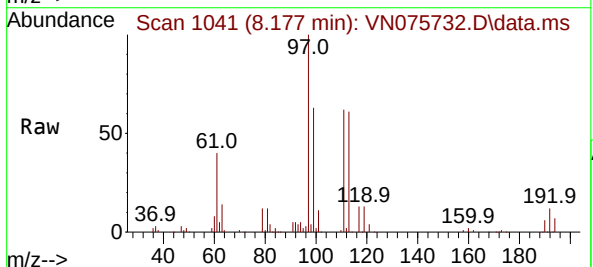
Tgt Ion: 56 Resp: 15641
Ion Ratio Lower Upper
56 100
69 31.8 26.2 39.2
84 100.7 82.8 124.2

Manual Integrations
APPROVED

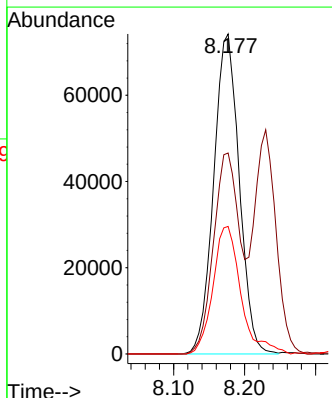
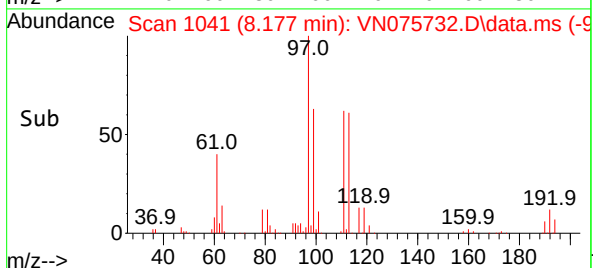
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

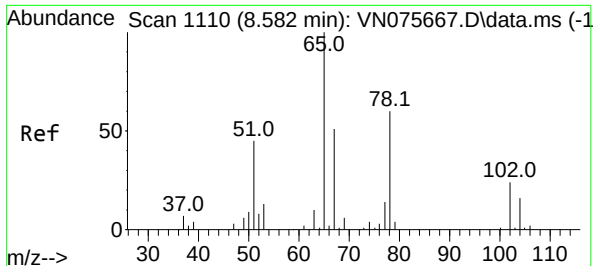


#32
1,1,1-Trichloroethane
Concen: 55.056 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



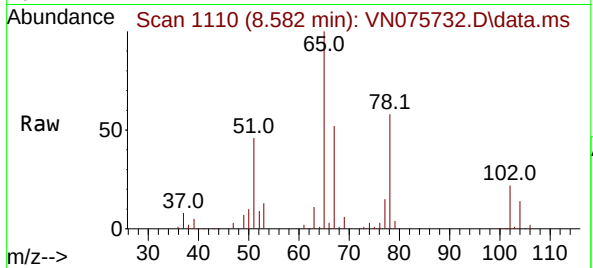
Tgt Ion: 97 Resp: 185153
Ion Ratio Lower Upper
97 100
99 63.2 51.2 76.8
61 43.6 34.2 51.4





#33
1,2-Dichloroethane-d4
Concen: 56.102 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

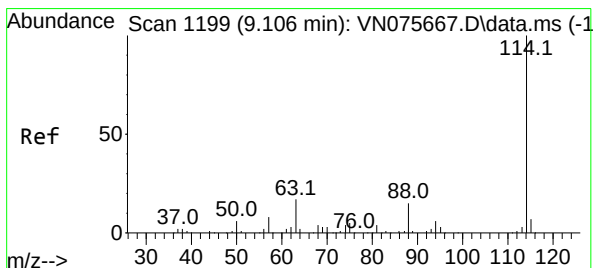
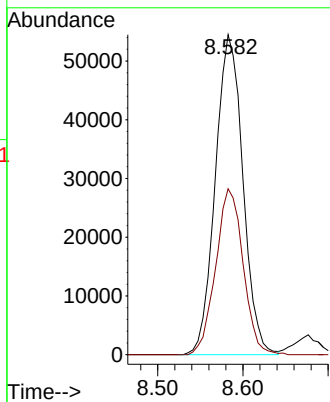
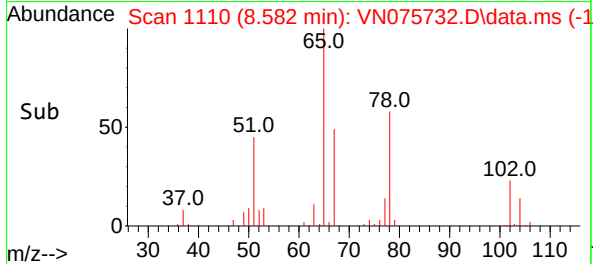
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



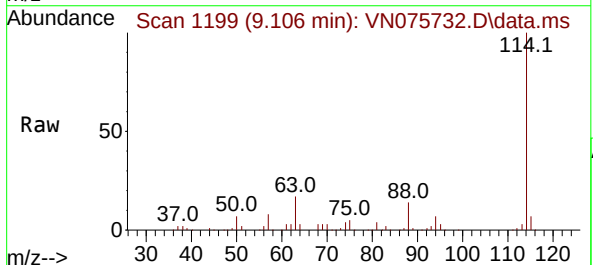
Tgt Ion: 65 Resp: 122609
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.2

Manual Integrations
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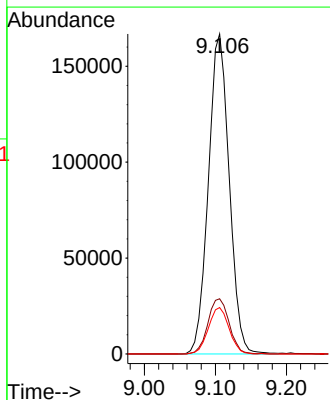
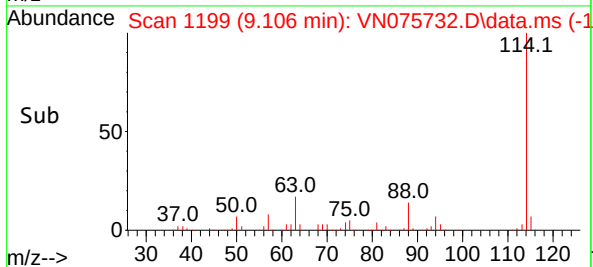
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

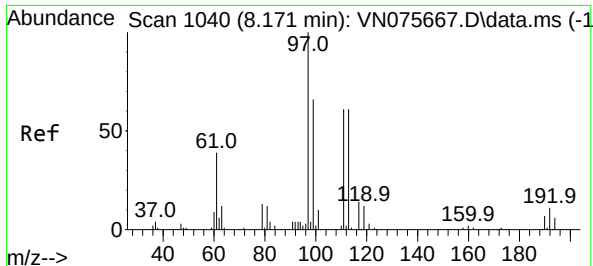


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion:114 Resp: 339751
Ion Ratio Lower Upper
114 100
63 17.3 0.0 34.4
88 14.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 53.402 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 110690

Ion Ratio Lower Upper

113 100

111 103.6 81.0 121.6

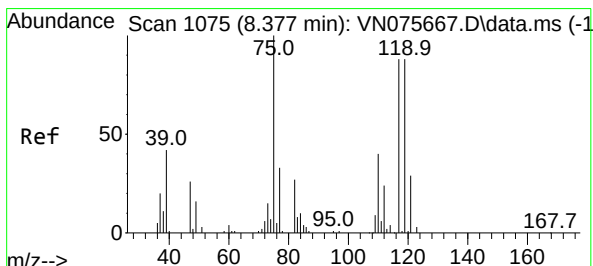
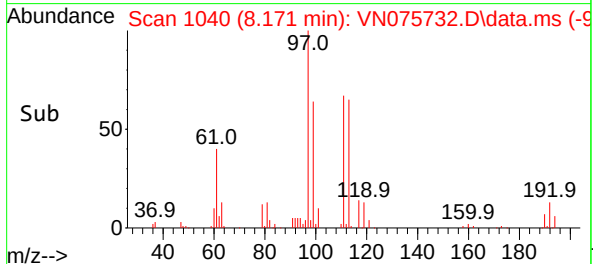
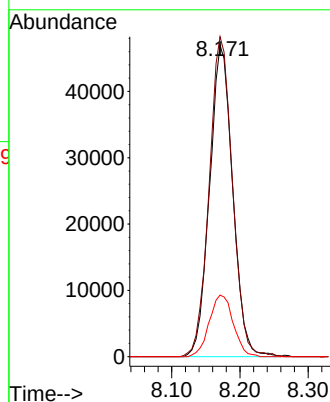
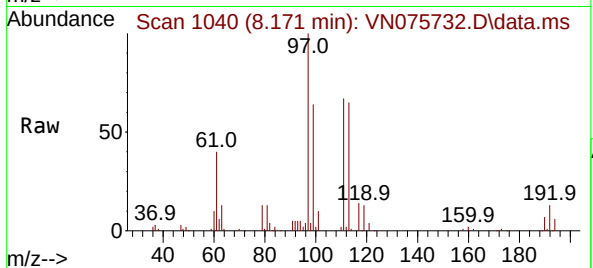
192 20.5 16.2 24.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#36

1,1-Dichloropropene

Concen: 52.655 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

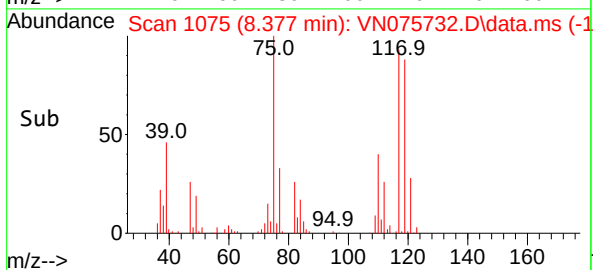
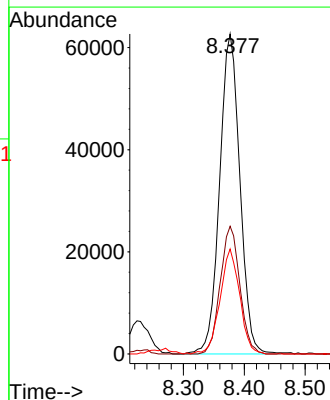
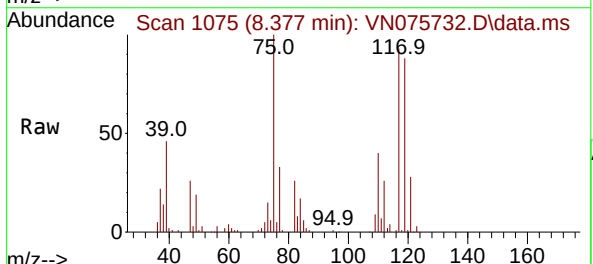
Tgt Ion: 75 Resp: 144931

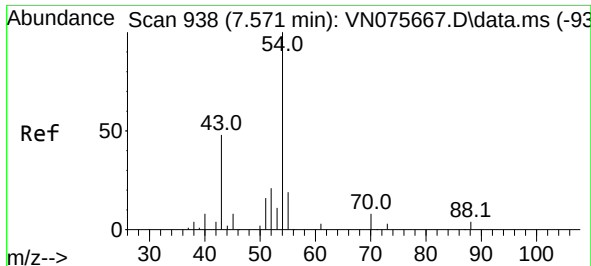
Ion Ratio Lower Upper

75 100

110 38.6 18.9 56.9

77 31.8 25.4 38.2





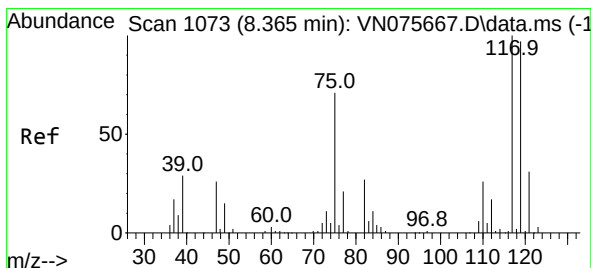
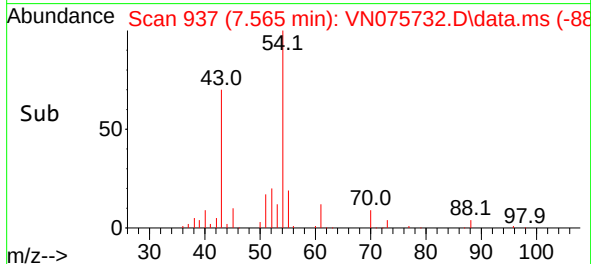
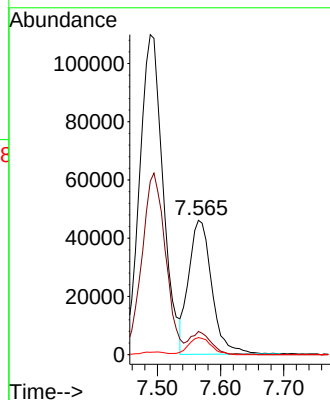
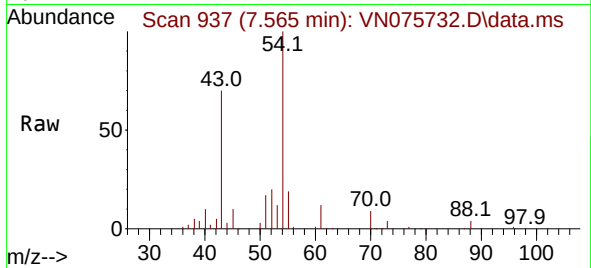
#37
Ethyl Acetate
Concen: 52.901 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 11690
Ion Ratio Lower Upper
43 100
61 16.2 13.3 19.9
70 12.4 9.9 14.9

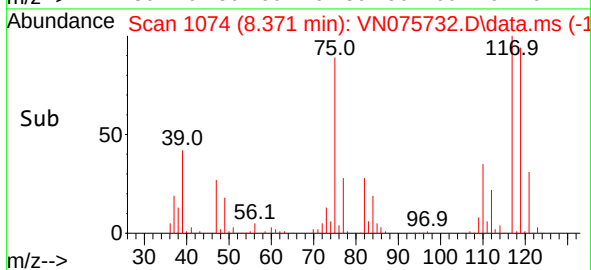
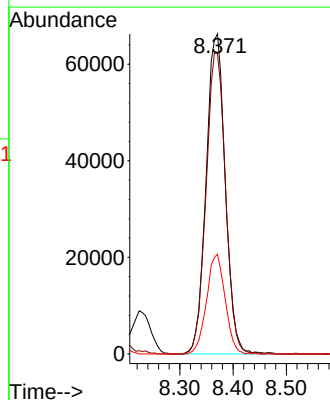
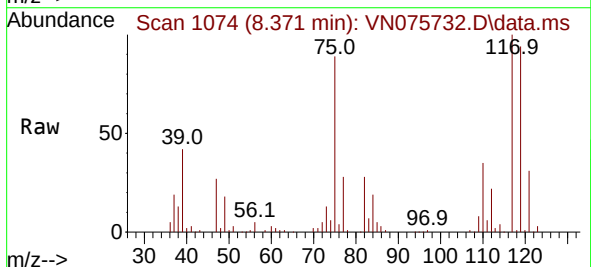
Manual Integrations
APPROVED

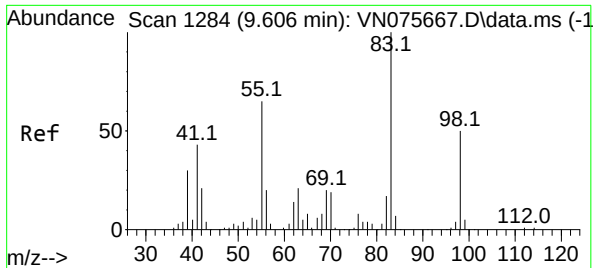
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#38
Carbon Tetrachloride
Concen: 52.070 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion:117 Resp: 165386
Ion Ratio Lower Upper
117 100
119 93.8 77.2 115.8
121 31.2 24.6 37.0





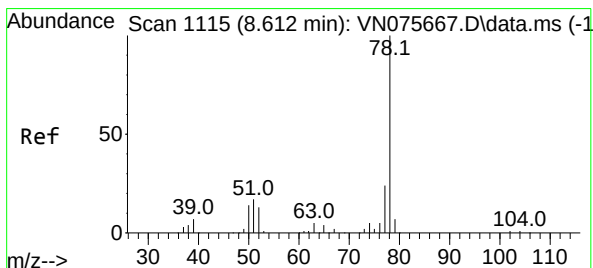
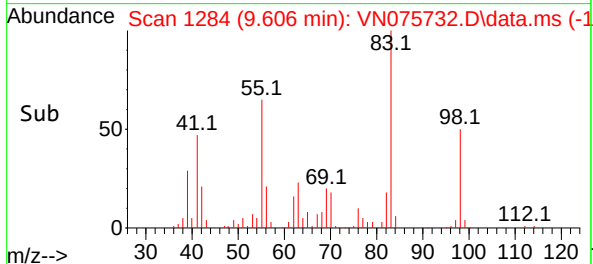
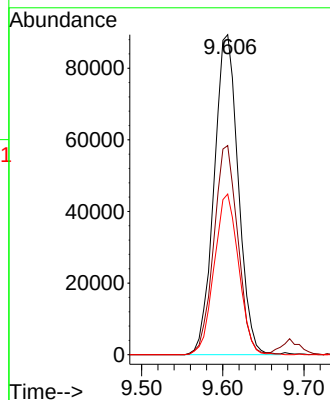
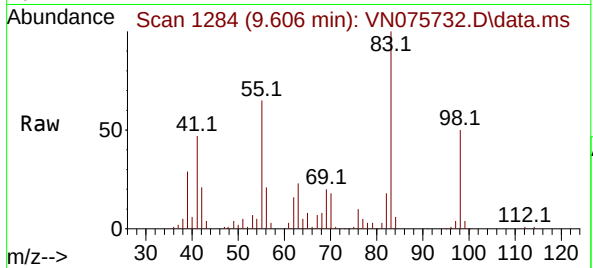
#39
Methylcyclohexane
Concen: 53.093 ug/l
RT: 9.606 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 185307
Ion Ratio Lower Upper
83 100
55 65.3 51.6 77.4
98 50.2 39.8 59.8

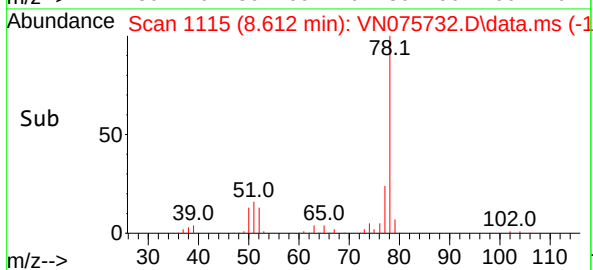
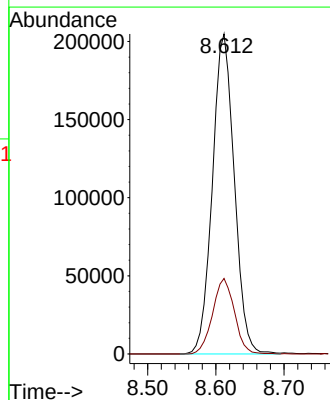
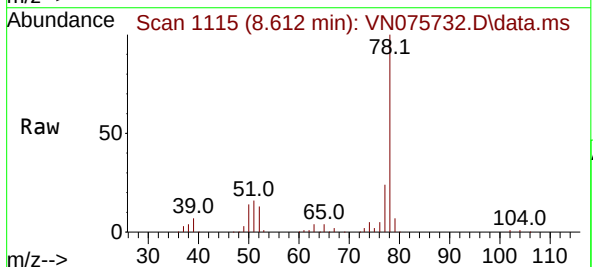
Manual Integrations
APPROVED

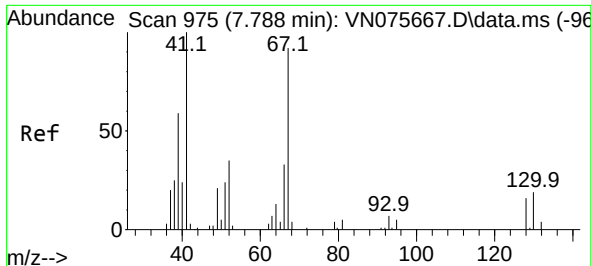
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#40
Benzene
Concen: 54.262 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

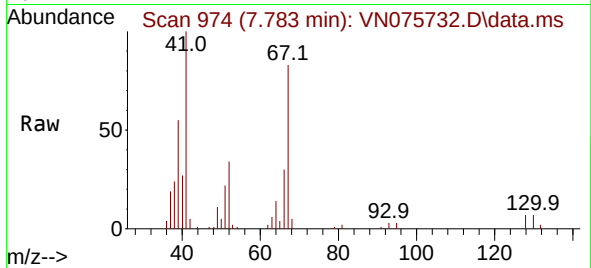
Tgt Ion: 78 Resp: 458360
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





#41
Methacrylonitrile
Concen: 52.210 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

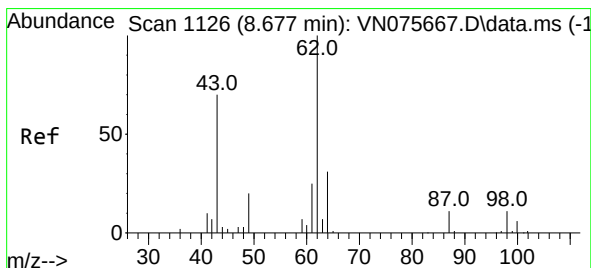
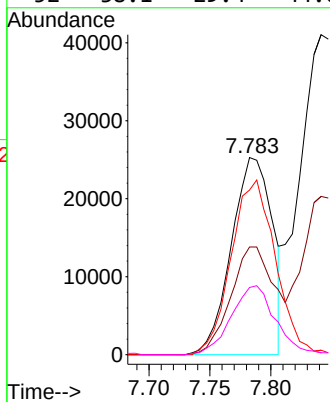
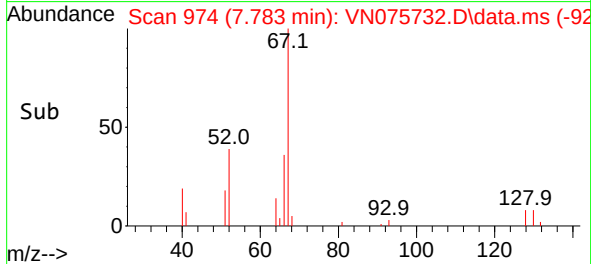
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 59162
Ion Ratio Lower Upper
41 100
39 59.1 46.3 69.5
67 96.0 74.0 111.0
52 38.1 29.4 44.0

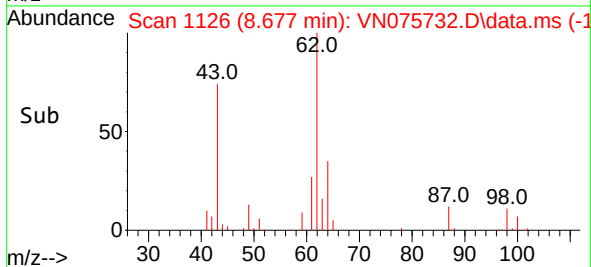
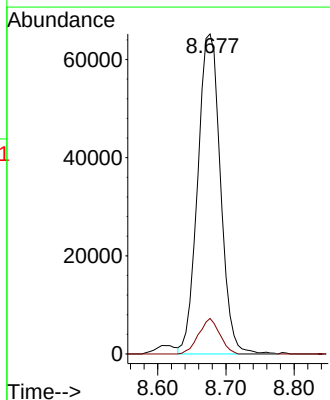
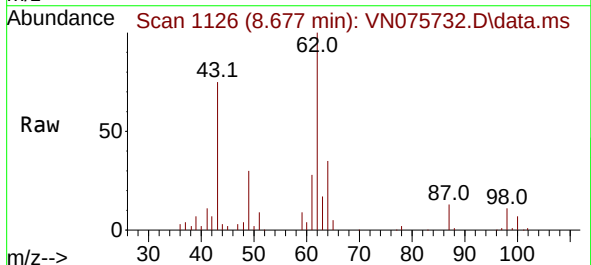
Manual Integrations
APPROVED

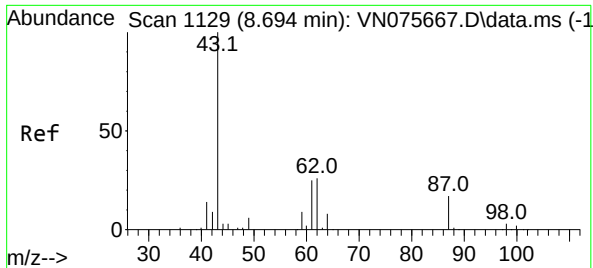
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#42
1,2-Dichloroethane
Concen: 53.576 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

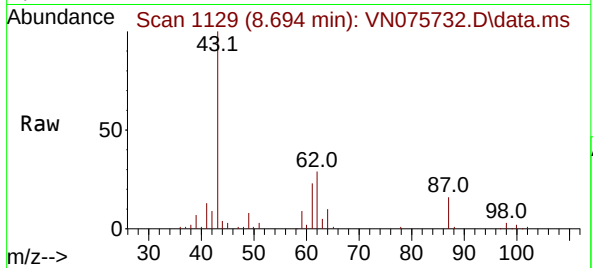
Tgt Ion: 62 Resp: 151392
Ion Ratio Lower Upper
62 100
98 10.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 55.278 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

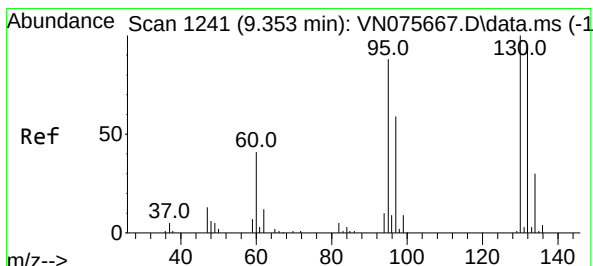
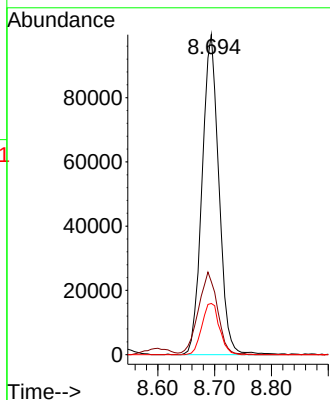
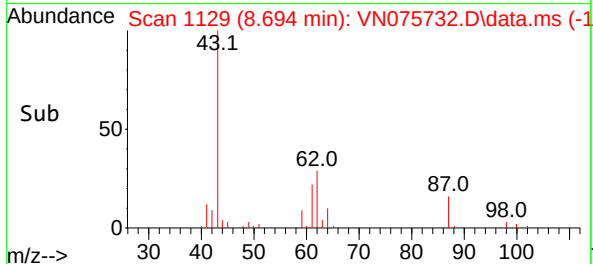
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



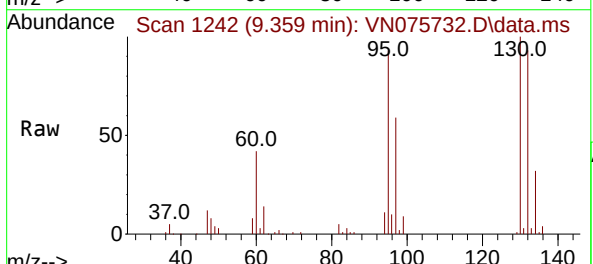
Tgt Ion: 43 Resp: 20394
Ion Ratio Lower Upper
43 100
61 29.5 23.8 35.8
87 16.8 13.7 20.5

Manual Integrations
APPROVED

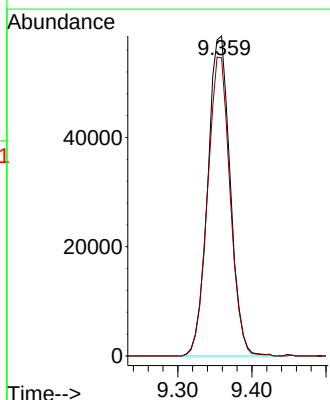
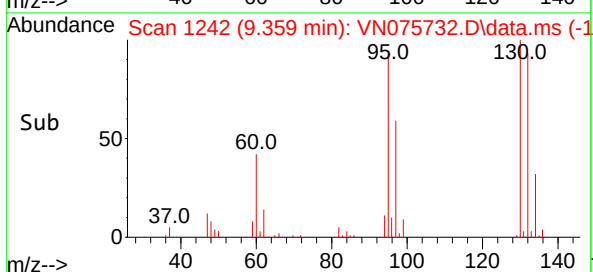
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

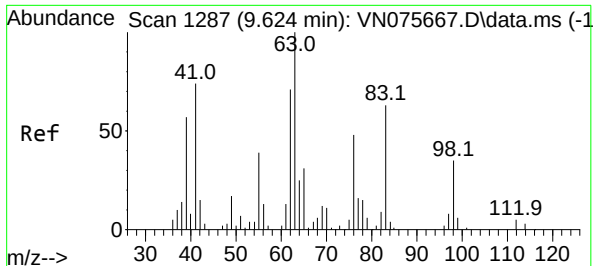


#44
Trichloroethene
Concen: 51.619 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion:130 Resp: 123010
Ion Ratio Lower Upper
130 100
95 93.1 0.0 176.8





#45

1,2-Dichloropropane

Concen: 55.285 ug/l

RT: 9.624 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11106

Ion Ratio Lower Upper

63 100

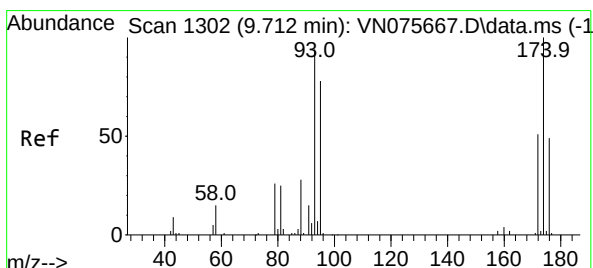
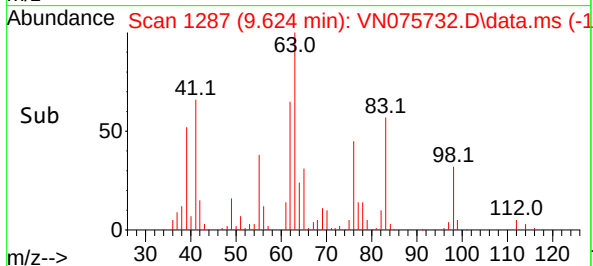
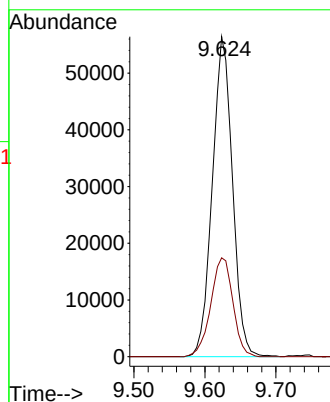
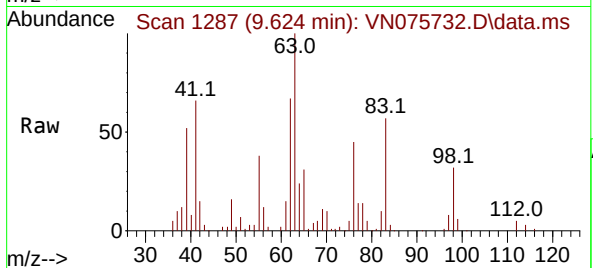
65 30.9 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#46

Dibromomethane

Concen: 54.172 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

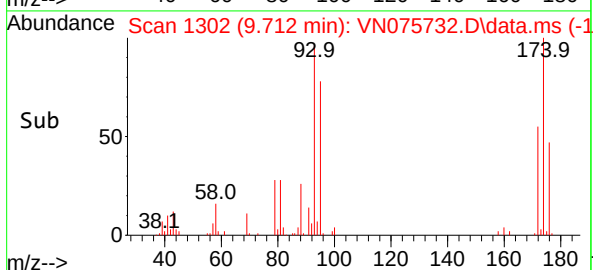
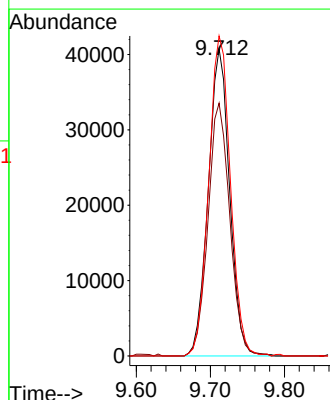
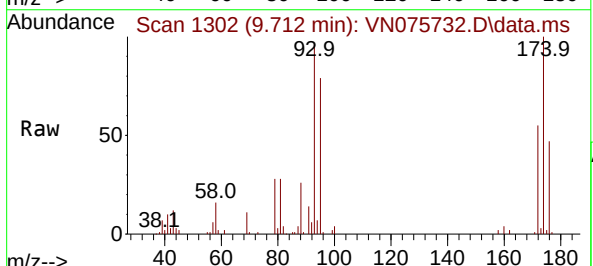
Tgt Ion: 93 Resp: 81709

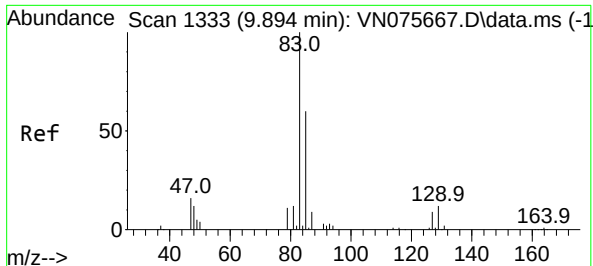
Ion Ratio Lower Upper

93 100

95 84.0 67.3 100.9

174 105.9 85.0 127.6





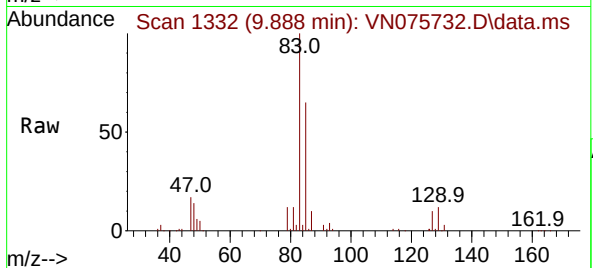
#47
Bromodichloromethane
Concen: 55.509 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



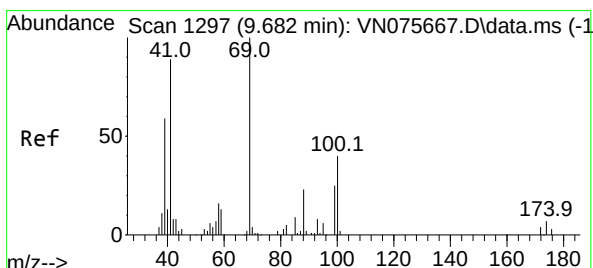
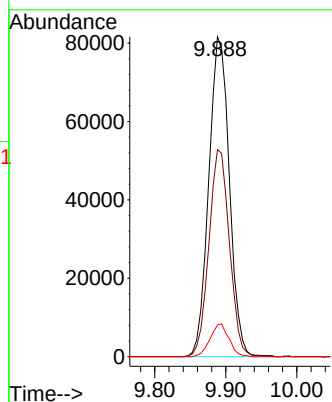
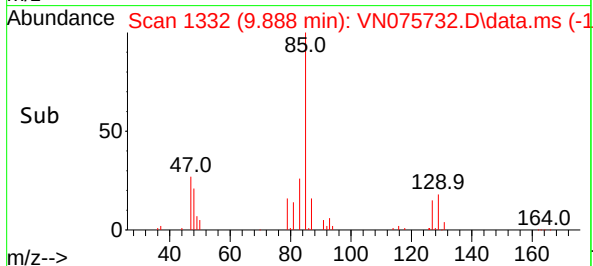
Tgt Ion: 83 Resp: 16416
Ion Ratio Lower Upper
83 100
85 64.7 48.0 72.0
127 9.9 7.4 11.2

Manual Integrations

APPROVED

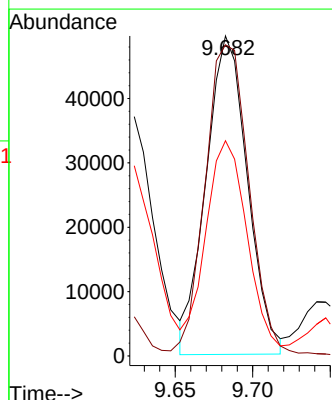
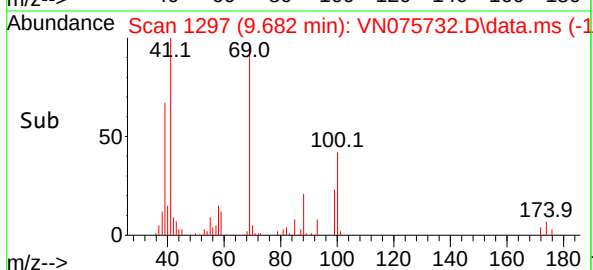
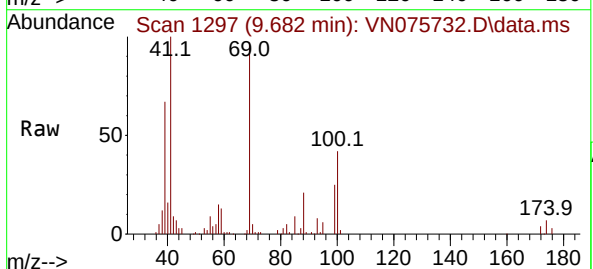
Reviewed By :John Carlone 12/13/2022

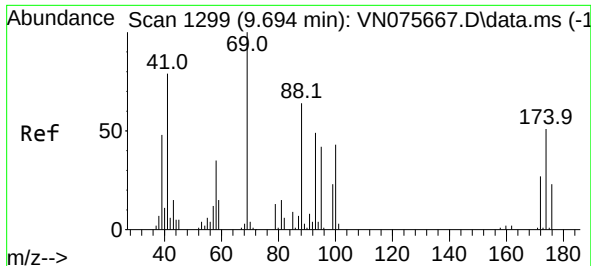
Supervised By :Mahesh Dadoda 12/13/2022



#48
Methyl methacrylate
Concen: 54.011 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

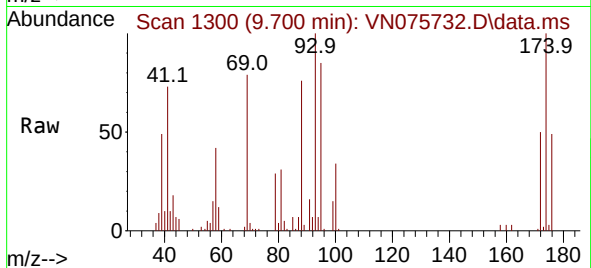
Tgt Ion: 41 Resp: 91775
Ion Ratio Lower Upper
41 100
69 104.7 82.5 123.7
39 68.8 53.2 79.8





#49
1,4-Dioxane
Concen: 1036.765 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

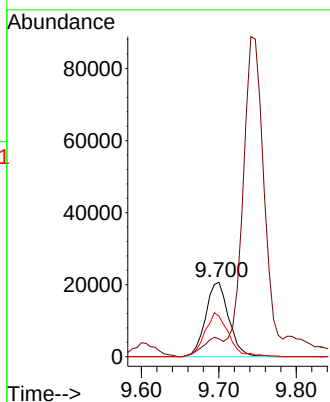
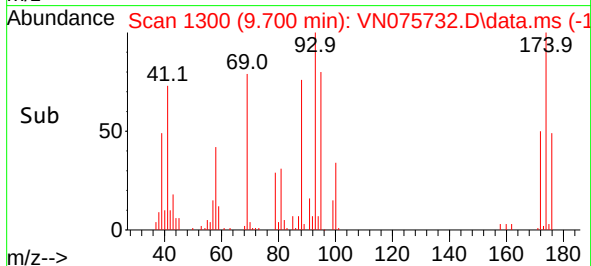
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 4282
Ion Ratio Lower Upper
88 100
43 22.8 17.4 26.0
58 60.6 46.8 70.2

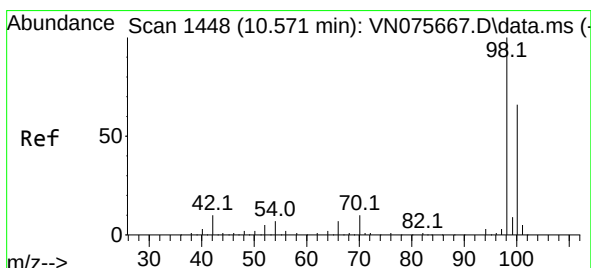
Manual Integrations
APPROVED

Reviewed By :John
Carlone

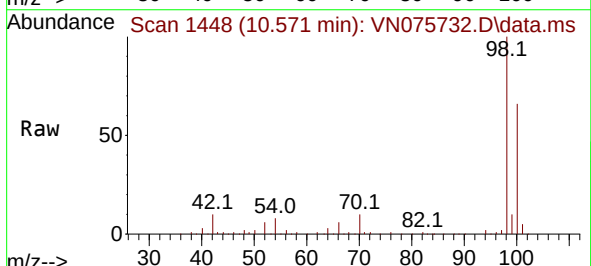


12/13/2022
Supervised By :Mahesh
Dadoda

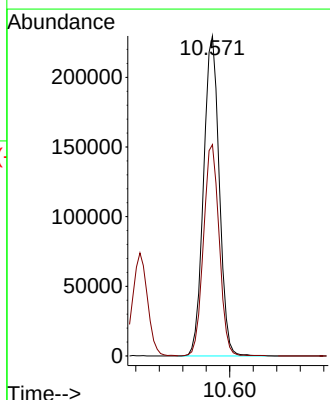
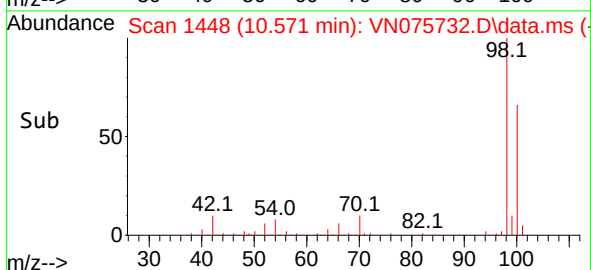
12/13/2022

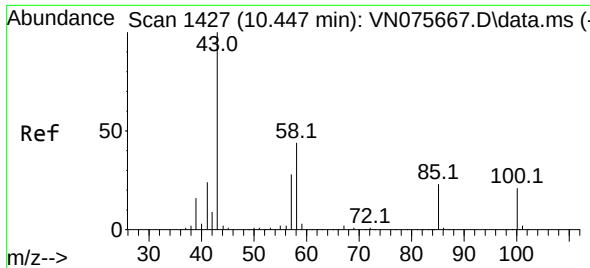


#50
Toluene-d8
Concen: 54.574 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion: 98 Resp: 424837
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





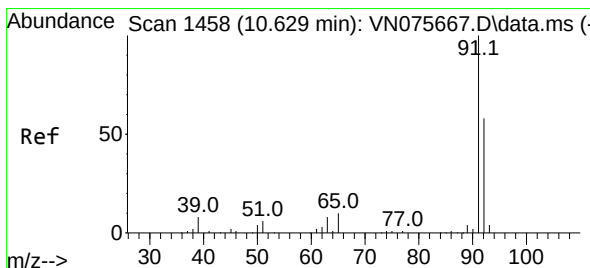
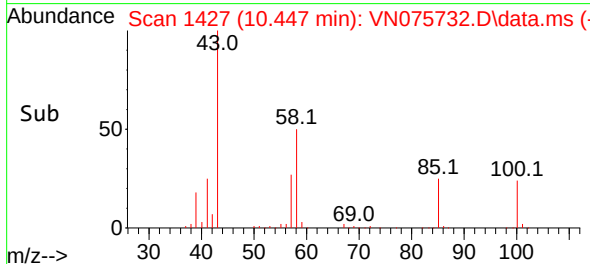
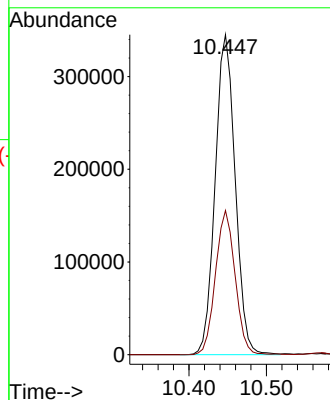
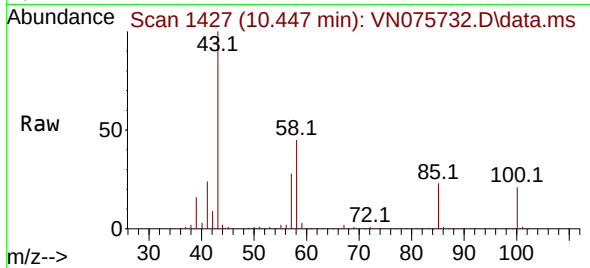
#51
4-Methyl-2-Pentanone
Concen: 272.093 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 61898
Ion Ratio Lower Upper
43 100
58 44.3 35.0 52.6

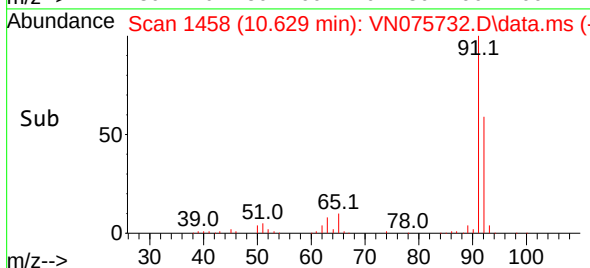
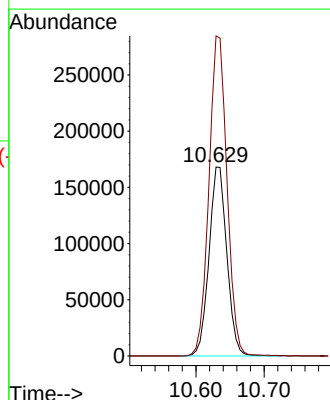
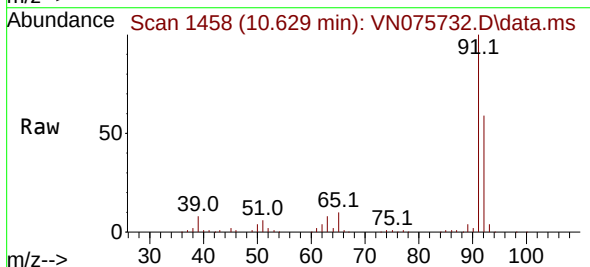
Manual Integrations
APPROVED

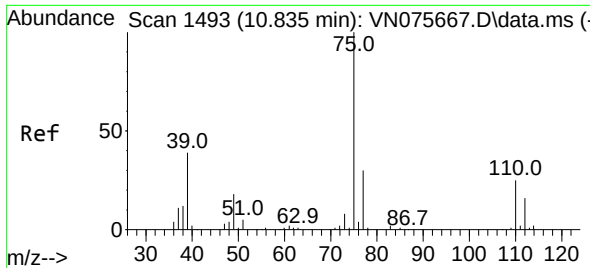
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#52
Toluene
Concen: 54.756 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

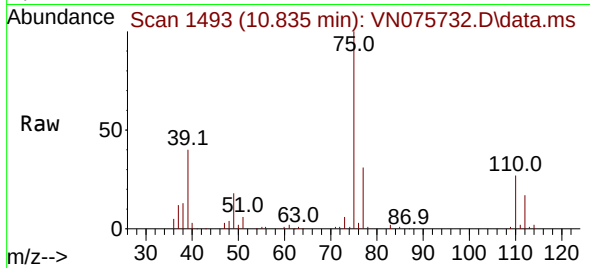
Tgt Ion: 92 Resp: 305718
Ion Ratio Lower Upper
92 100
91 172.1 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 57.542 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

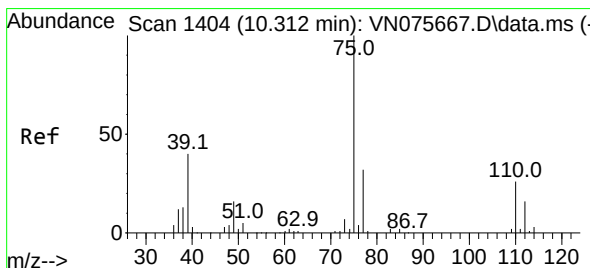
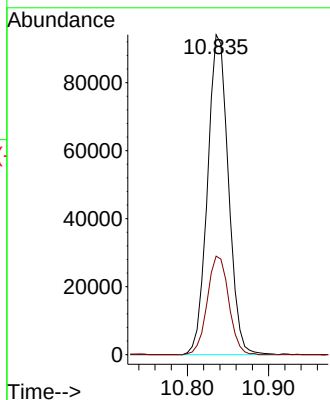
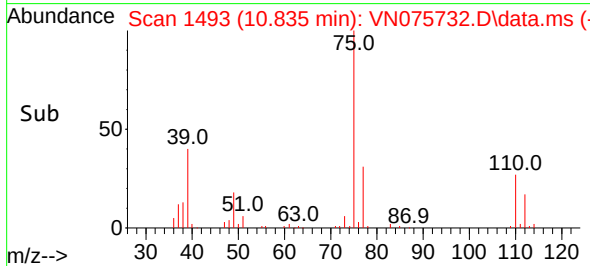
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



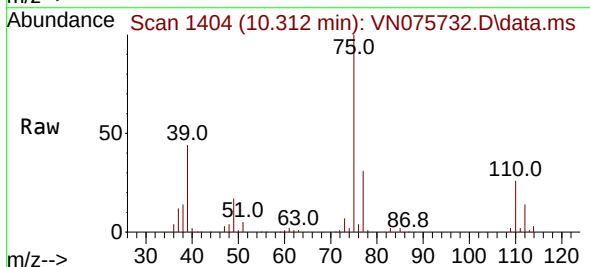
Tgt Ion: 75 Resp: 168068
Ion Ratio Lower Upper
75 100
77 30.8 24.3 36.5

Manual Integrations
APPROVED

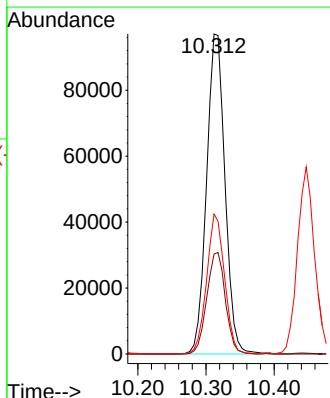
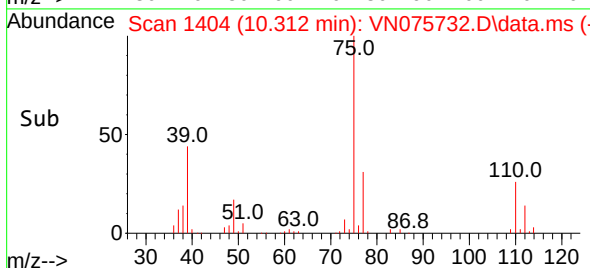
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

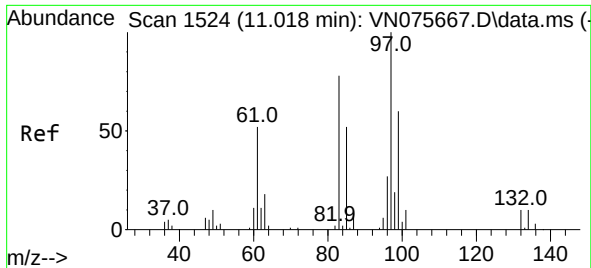


#54
cis-1,3-Dichloropropene
Concen: 56.099 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



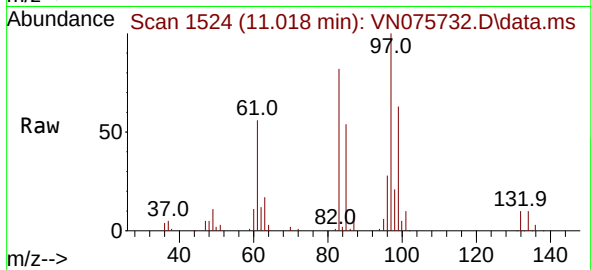
Tgt Ion: 75 Resp: 182298
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 43.7 32.0 48.0





#55
1,1,2-Trichloroethane
Concen: 54.166 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

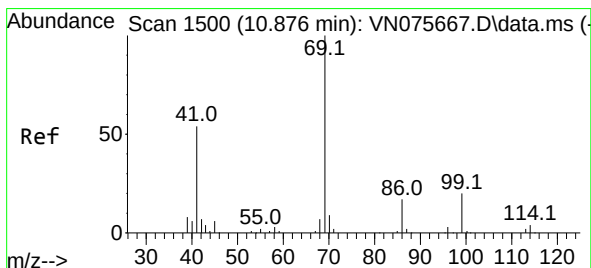
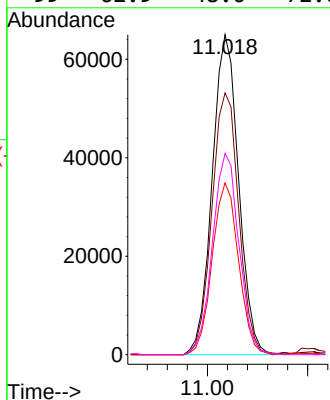
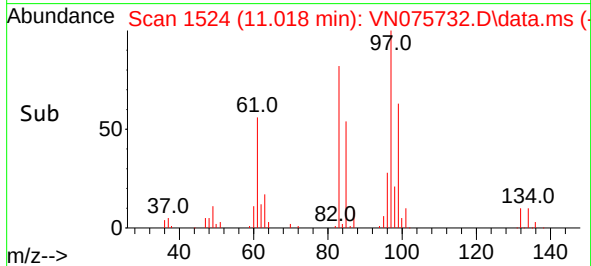
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



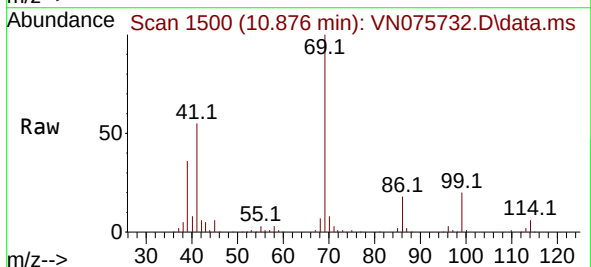
Tgt Ion: 97 Resp: 118909
Ion Ratio Lower Upper
97 100
83 81.8 62.7 94.1
85 53.7 41.8 62.6
99 62.9 48.0 72.0

Manual Integrations
APPROVED

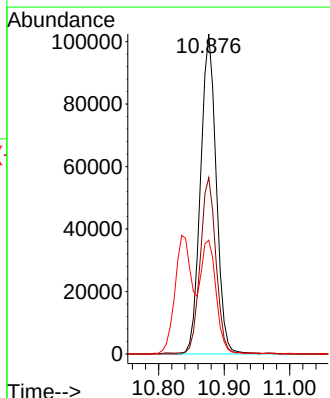
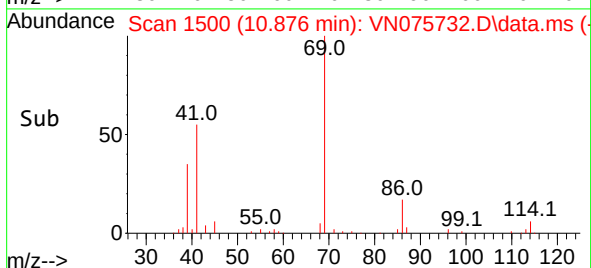
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

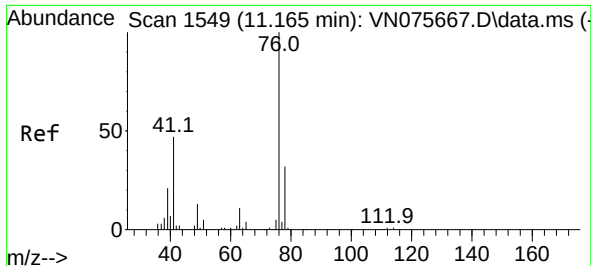


#56
Ethyl methacrylate
Concen: 57.484 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion: 69 Resp: 170991
Ion Ratio Lower Upper
69 100
41 55.4 44.1 66.1
39 33.2 27.7 41.5





#57

1,3-Dichloropropane

Concen: 55.296 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 196204

Ion Ratio Lower Upper

76 100

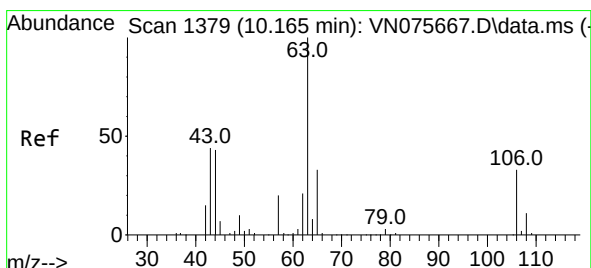
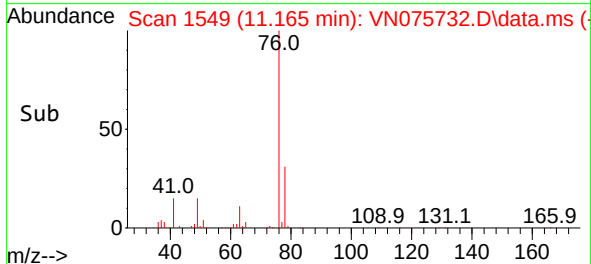
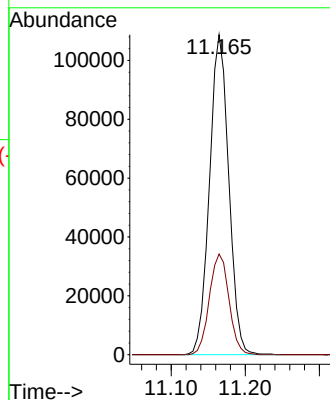
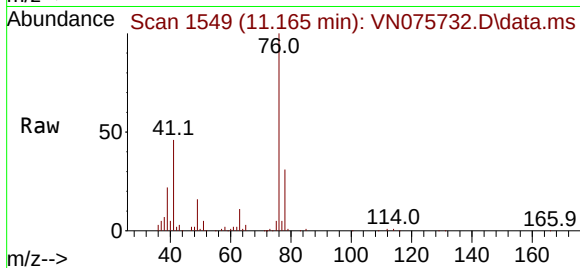
78 31.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2022

Supervised By :Mahesh Dadoda 12/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 279.457 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075732.D

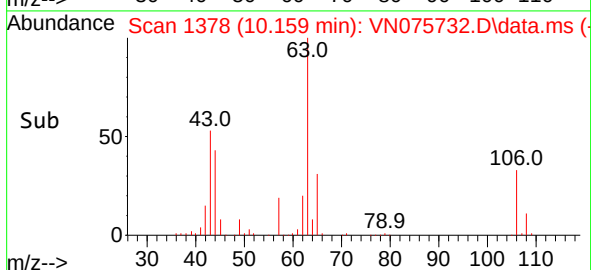
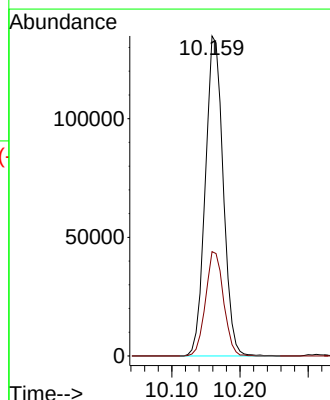
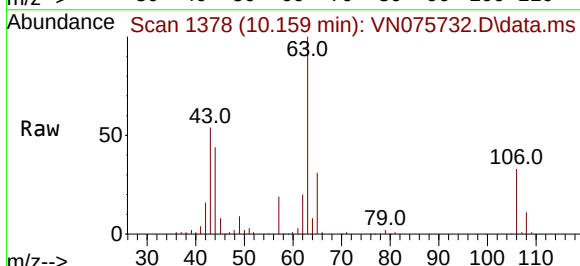
Acq: 13 Dec 2022 01:16

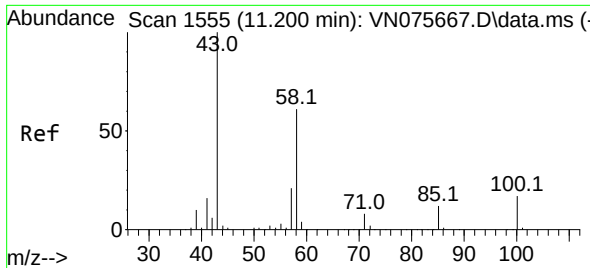
Tgt Ion: 63 Resp: 245437

Ion Ratio Lower Upper

63 100

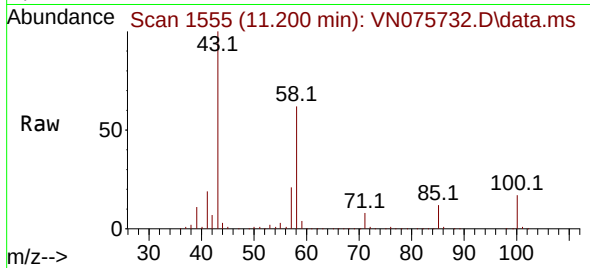
106 32.8 26.6 40.0





#59
2-Hexanone
Concen: 272.946 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

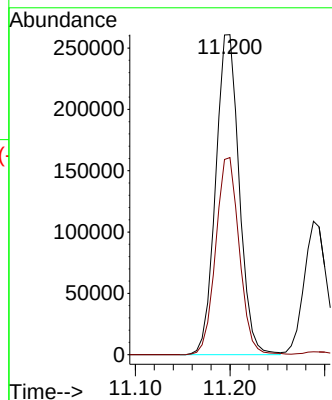
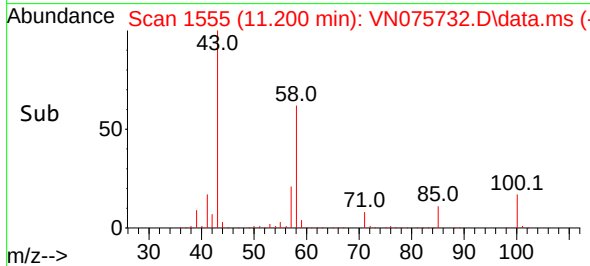
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 451117
Ion Ratio Lower Upper
43 100
58 61.6 30.9 92.5

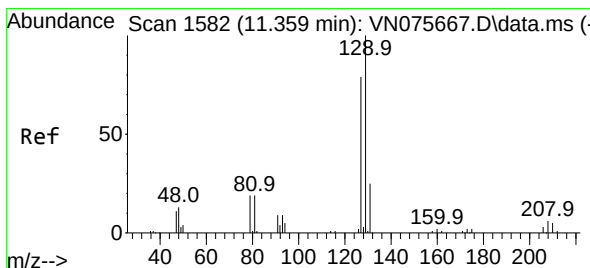
Manual Integrations
APPROVED

Reviewed By :John
Carlone



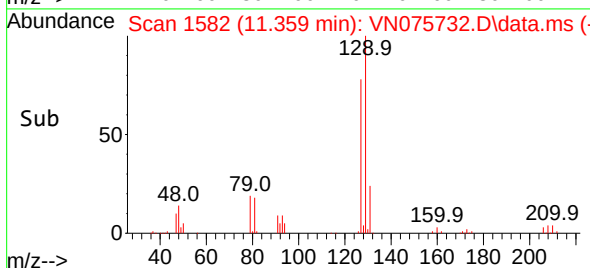
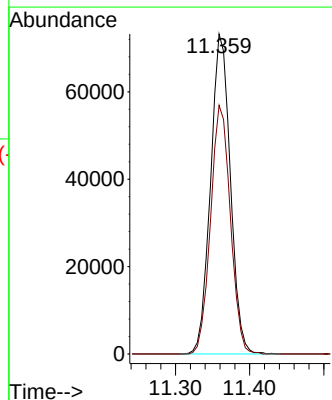
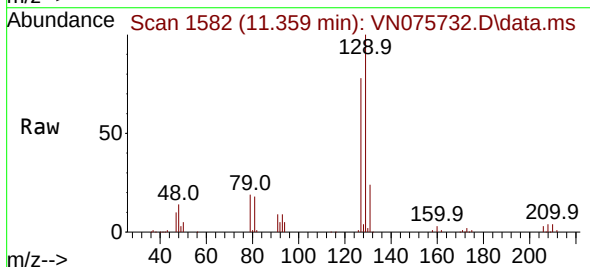
12/13/2022
Supervised By :Mahesh
Dadoda

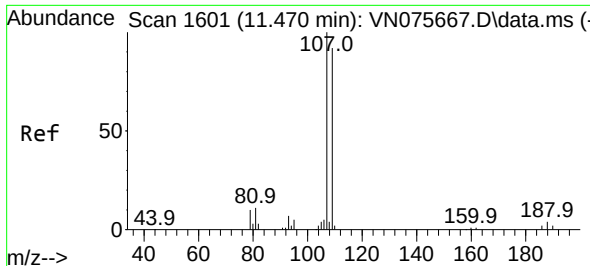
12/13/2022



#60
Dibromochloromethane
Concen: 56.212 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

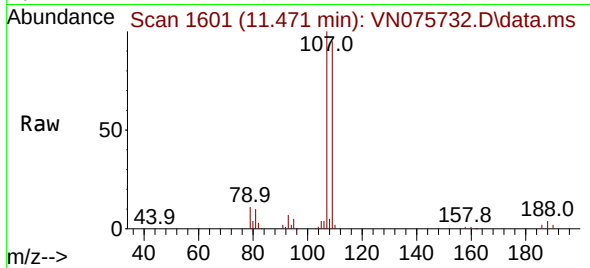
Tgt Ion:129 Resp: 135789
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.483 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

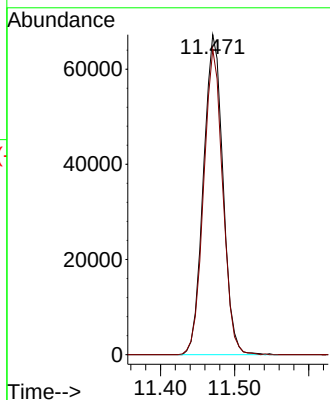
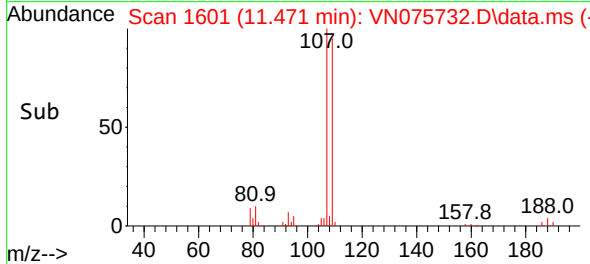
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 123009
Ion Ratio Lower Upper
107 100
109 93.6 75.4 113.2

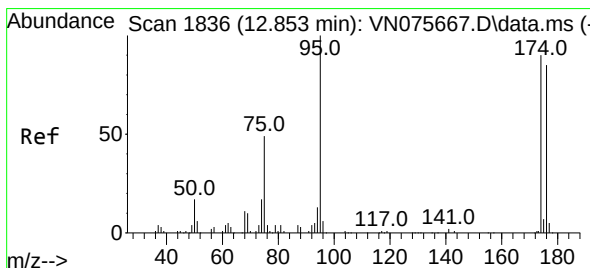
Manual Integrations
APPROVED

Reviewed By :John
Carlone

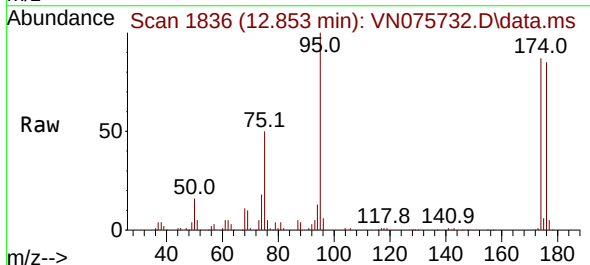


12/13/2022
Supervised By :Mahesh
Dadoda

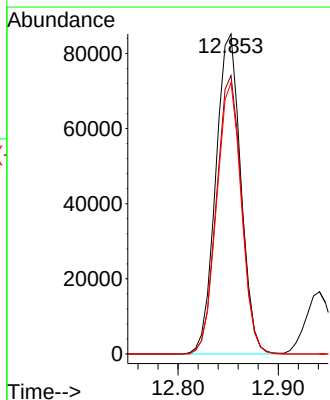
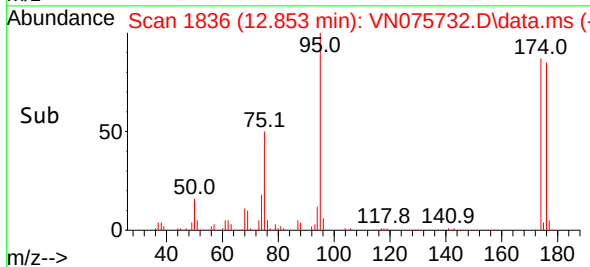
12/13/2022

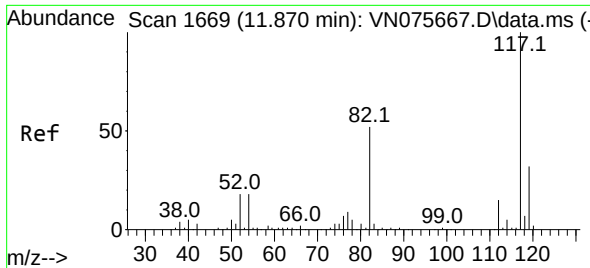


#62
4-Bromofluorobenzene
Concen: 55.608 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



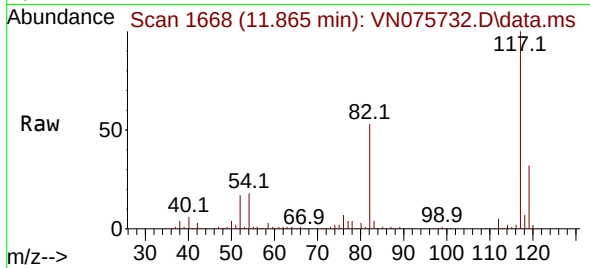
Tgt Ion: 95 Resp: 148007
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.6
176 83.6 0.0 170.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

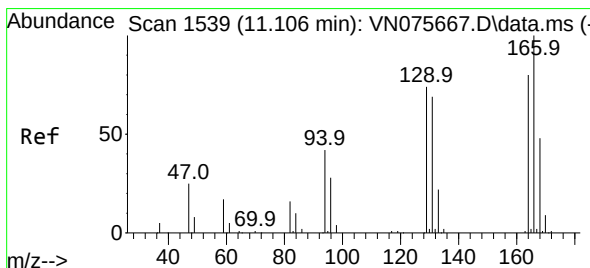
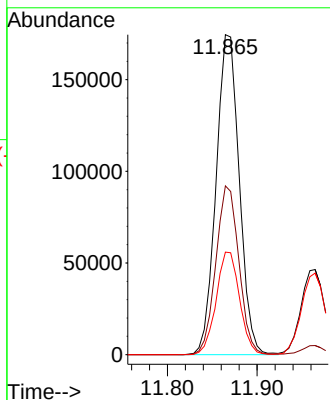
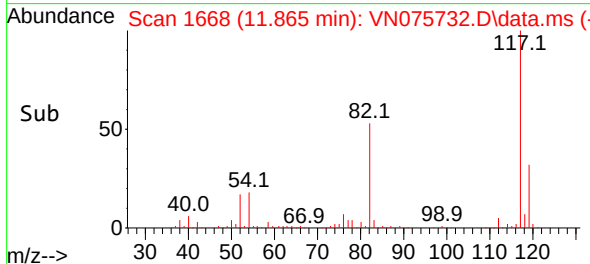
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 31380
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.1 25.8 38.6

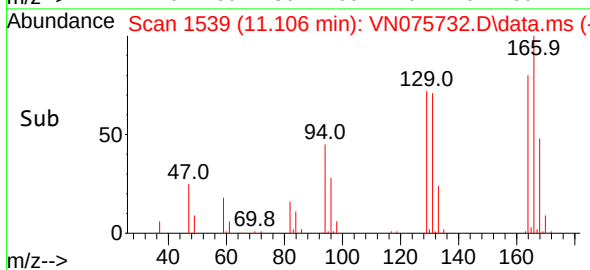
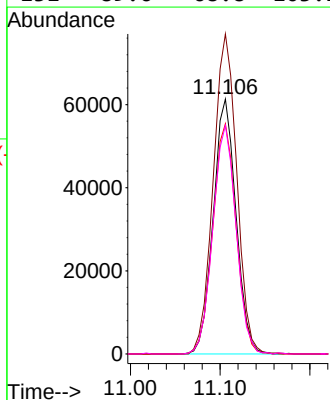
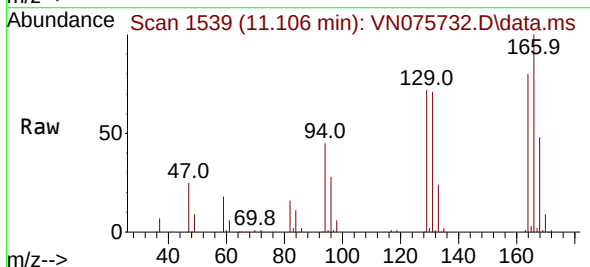
Manual Integrations
APPROVED

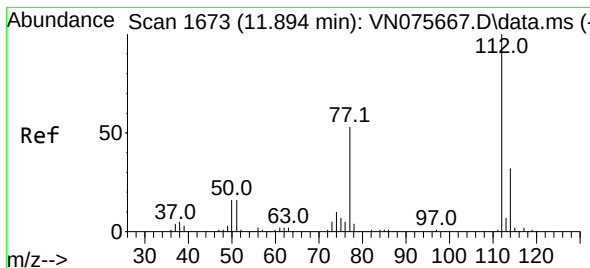
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#64
Tetrachloroethene
Concen: 47.413 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

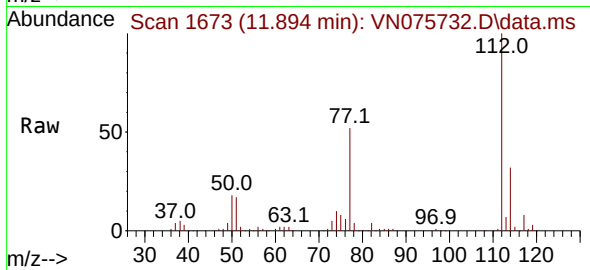
Tgt Ion:164 Resp: 108374
Ion Ratio Lower Upper
164 100
166 125.5 100.3 150.5
129 90.3 73.9 110.9
131 89.6 68.8 103.2





#65
Chlorobenzene
Concen: 51.347 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

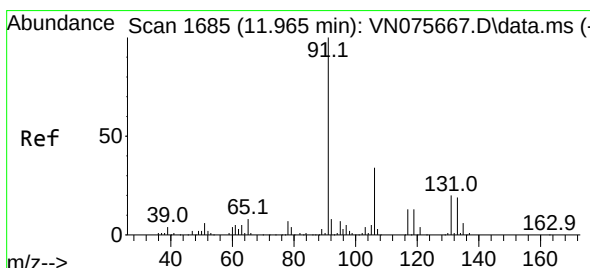
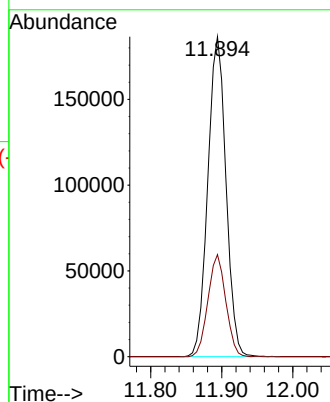
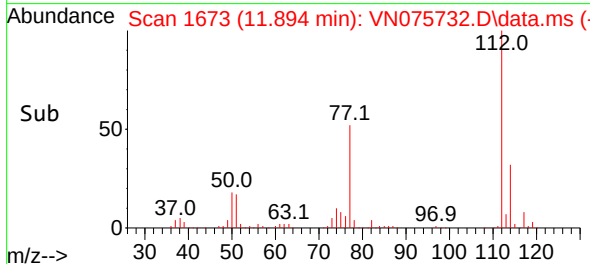
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



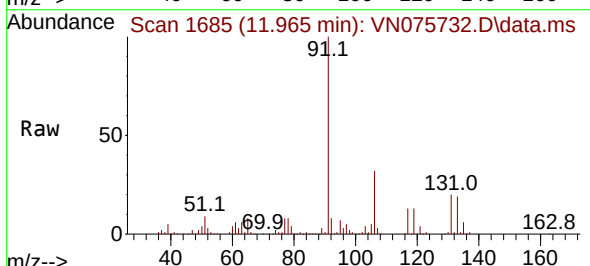
Tgt Ion:112 Resp: 33152
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

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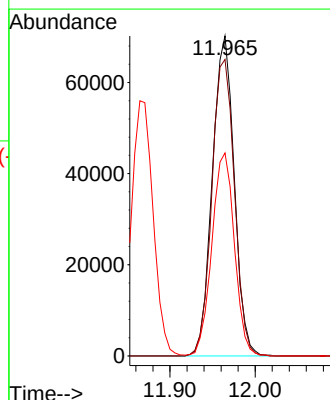
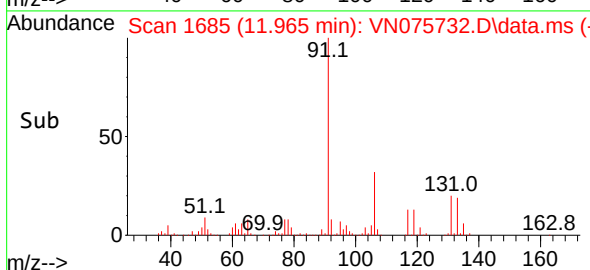
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

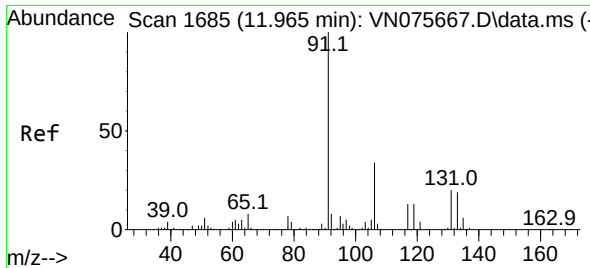


#66
1,1,1,2-Tetrachloroethane
Concen: 53.364 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



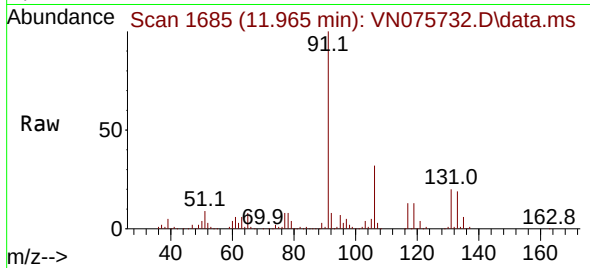
Tgt Ion:131 Resp: 125355
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.3 32.5 97.4





#67
Ethyl Benzene
Concen: 53.984 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

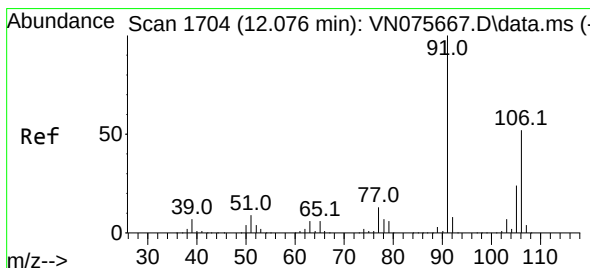
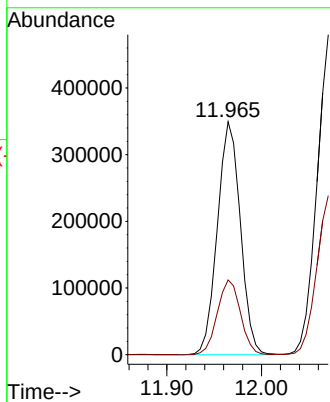
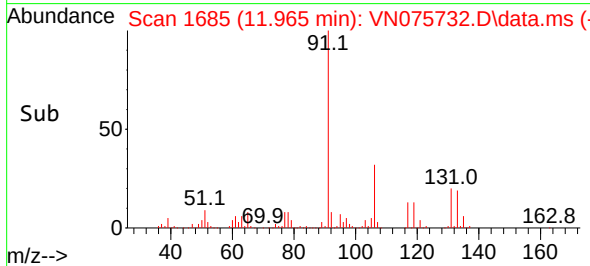
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



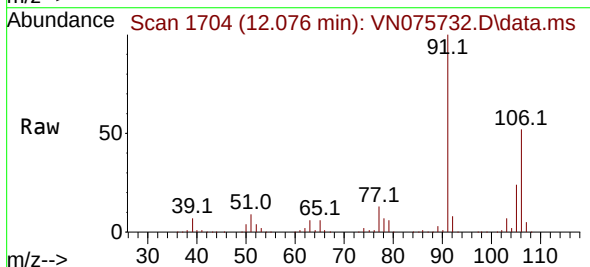
Tgt Ion: 91 Resp: 58964
Ion Ratio Lower Upper
91 100
106 32.1 26.9 40.3

Manual Integrations
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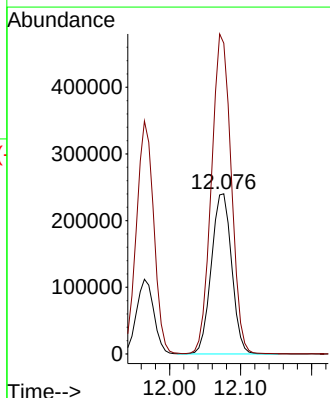
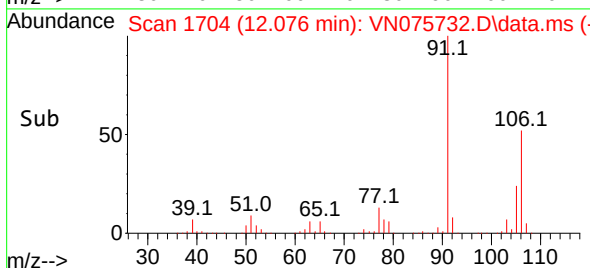
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022

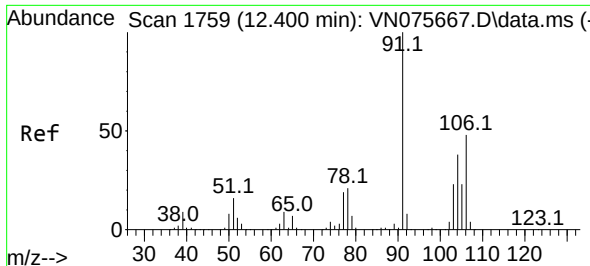


#68
m/p-Xylenes
Concen: 107.895 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



Tgt Ion:106 Resp: 476183
Ion Ratio Lower Upper
106 100
91 194.8 156.2 234.4





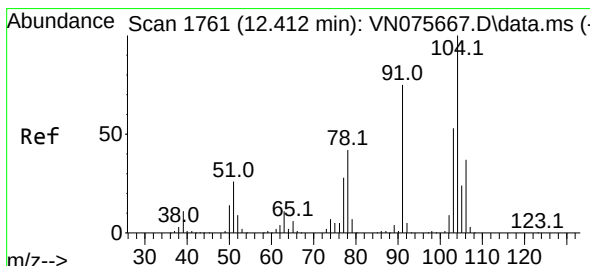
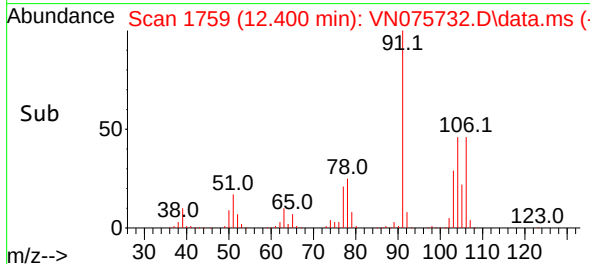
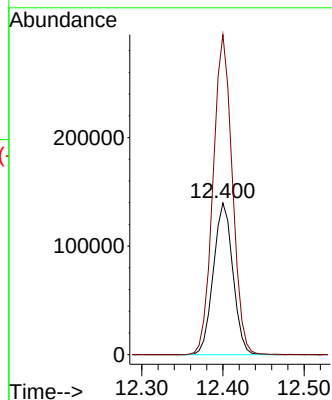
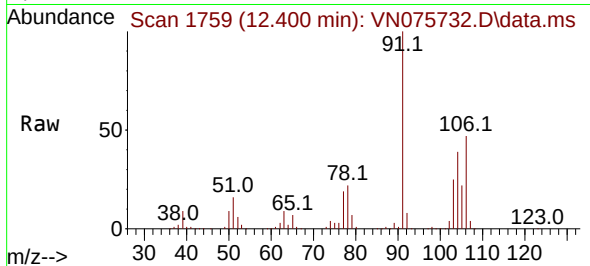
#69
o-Xylene
Concen: 54.485 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 23334
Ion Ratio Lower Upper
106 100
91 208.6 102.8 308.5

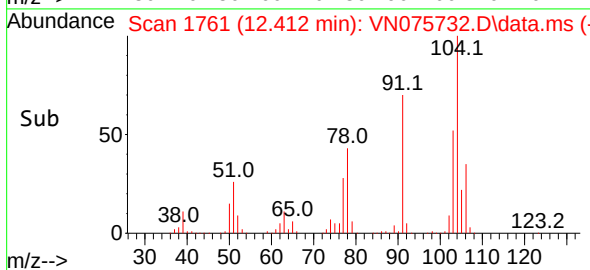
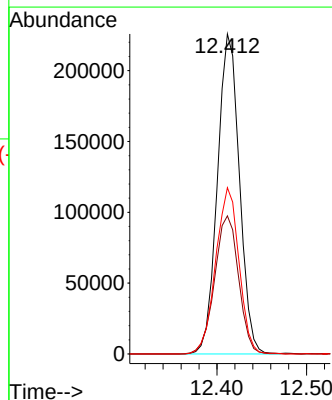
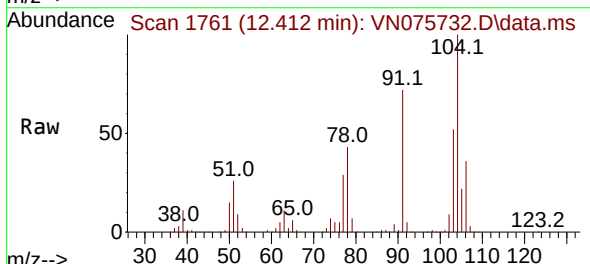
Manual Integrations
APPROVED

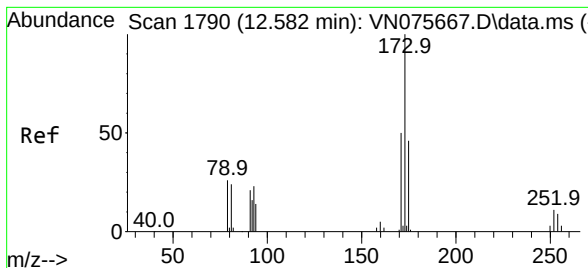
Reviewed By :John Carlone 12/13/2022
Supervised By :Mahesh Dadoda 12/13/2022



#70
Styrene
Concen: 55.987 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

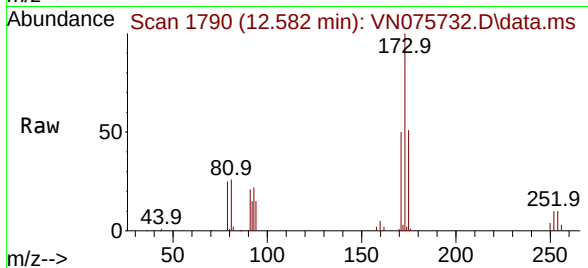
Tgt Ion:104 Resp: 384565
Ion Ratio Lower Upper
104 100
78 47.1 36.7 55.1
103 55.0 44.0 66.0





#71
Bromoform
Concen: 55.204 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



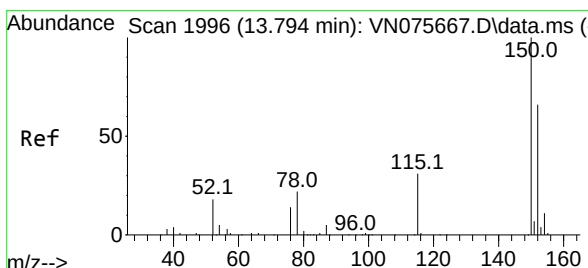
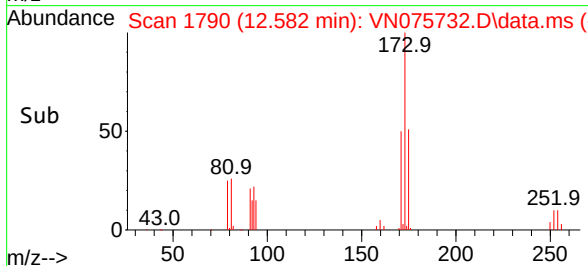
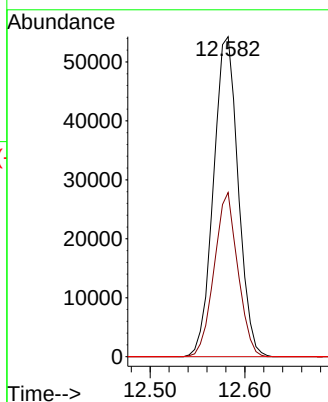
Tgt Ion:173 Resp: 98290
Ion Ratio Lower Upper
173 100
175 49.2 23.8 71.2
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

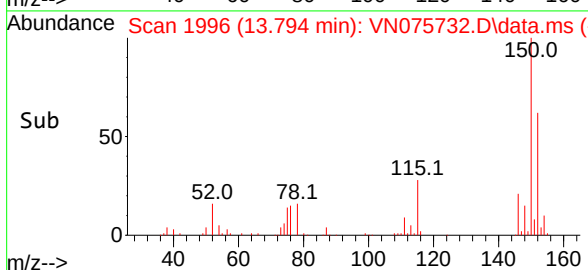
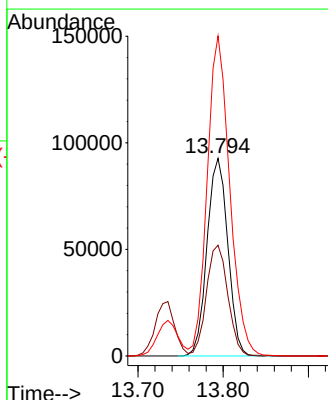
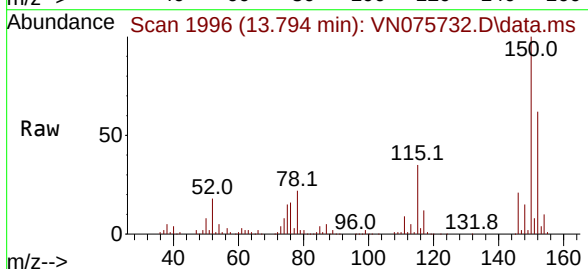
12/13/2022
Supervised By :Mahesh
Dadoda

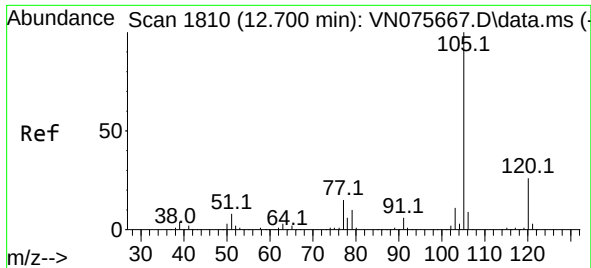
12/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion:152 Resp: 157309
Ion Ratio Lower Upper
152 100
115 57.6 28.4 85.2
150 175.1 0.0 347.6





#73
Isopropylbenzene
Concen: 53.682 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050

Tgt Ion:105 Resp: 606339
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.2

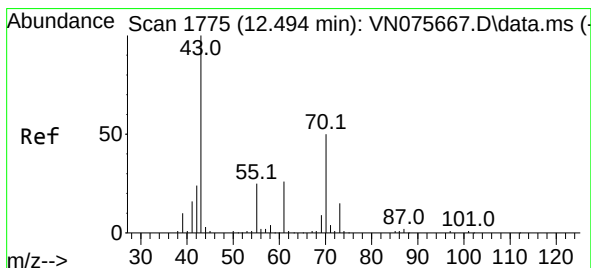
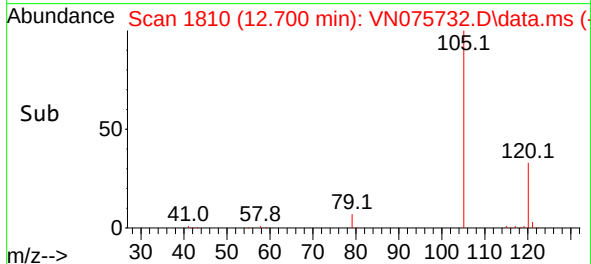
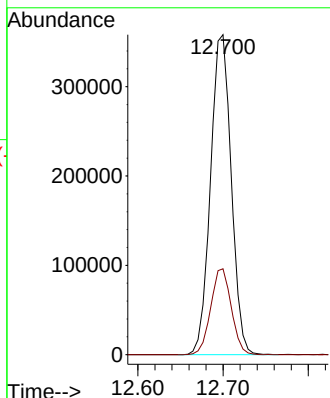
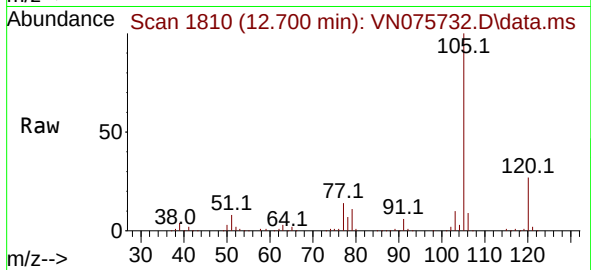
Manual Integrations
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Reviewed By :John
Carlone

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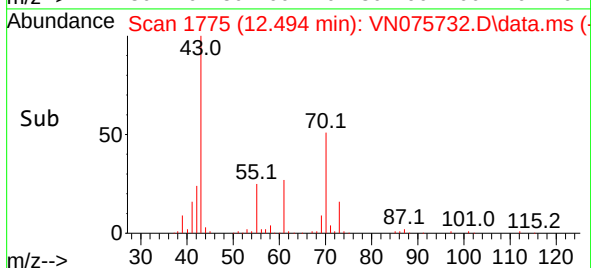
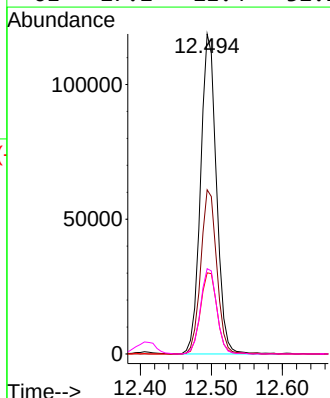
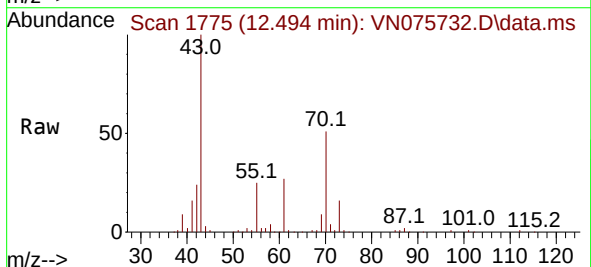
Supervised By :Mahesh
Dadoda

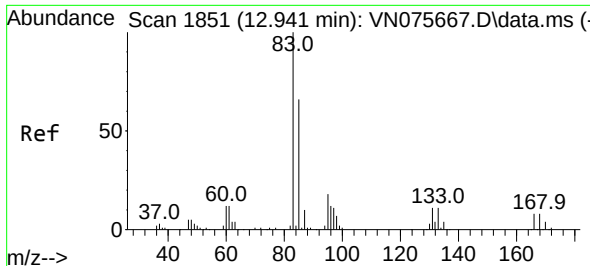
12/13/2022



#74
N-ethyl acetate
Concen: 56.294 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

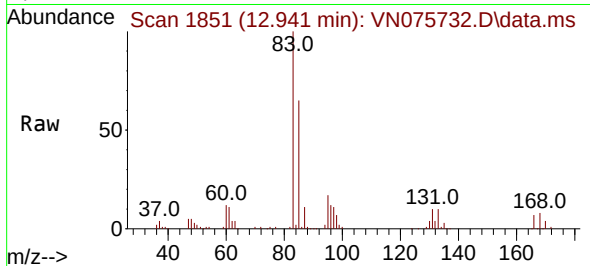
Tgt Ion: 43 Resp: 184749
Ion Ratio Lower Upper
43 100
70 51.6 41.0 61.6
55 26.6 20.7 31.1
61 27.2 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.060 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



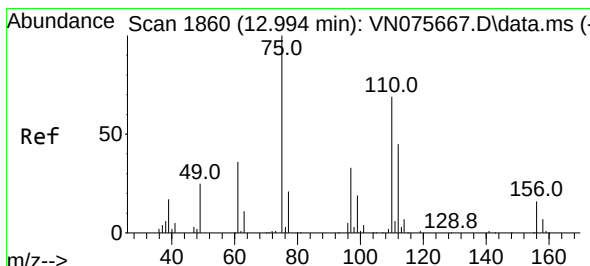
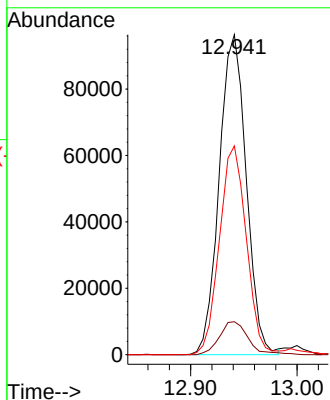
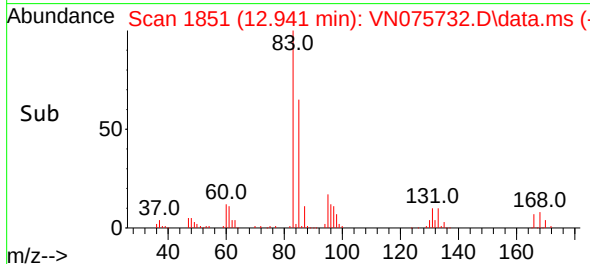
Tgt Ion: 83 Resp: 16985
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 64.8 32.6 97.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

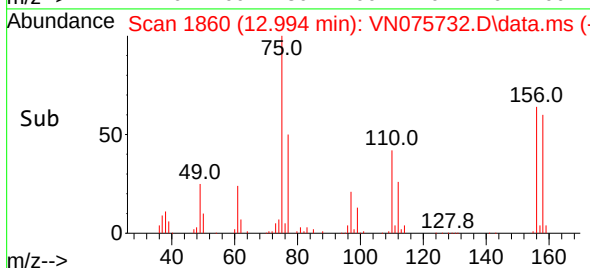
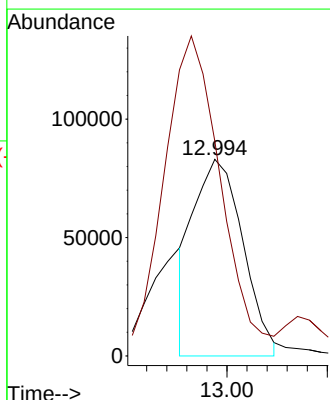
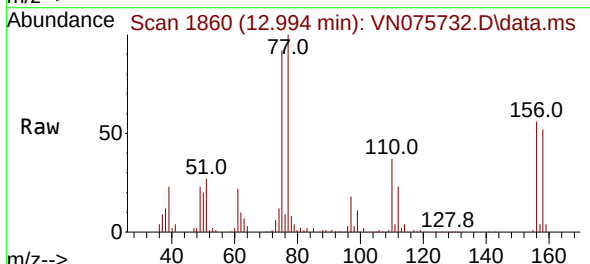
12/13/2022
Supervised By :Mahesh
Dadoda

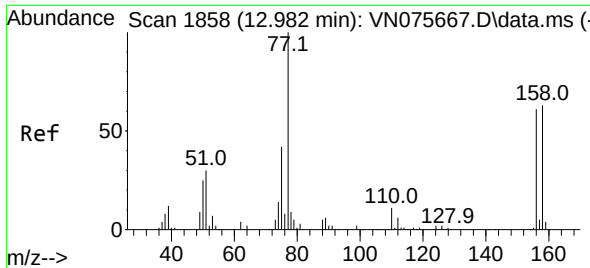
12/13/2022



#76
1,2,3-Trichloropropane
Concen: 44.926 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

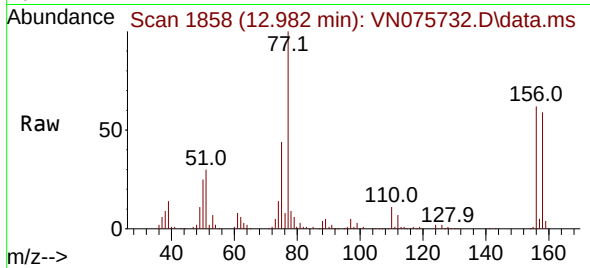
Tgt Ion: 75 Resp: 141928
Ion Ratio Lower Upper
75 100
77 189.1 81.8 245.4





#77
Bromobenzene
Concen: 51.846 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



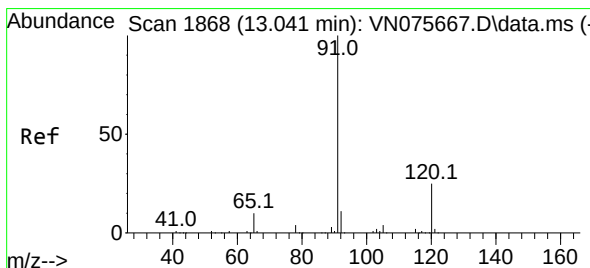
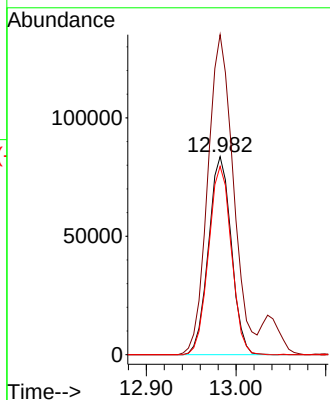
Tgt Ion:156 Resp: 147269
Ion Ratio Lower Upper
156 100
77 182.3 90.8 272.5
158 95.0 49.3 147.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

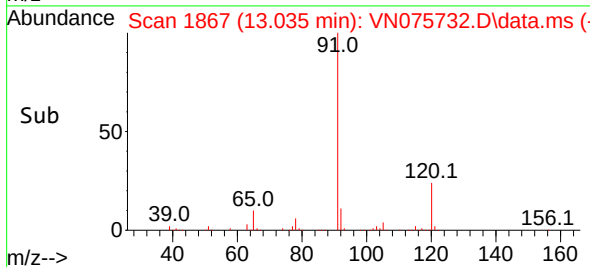
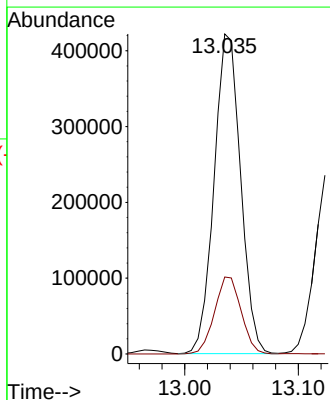
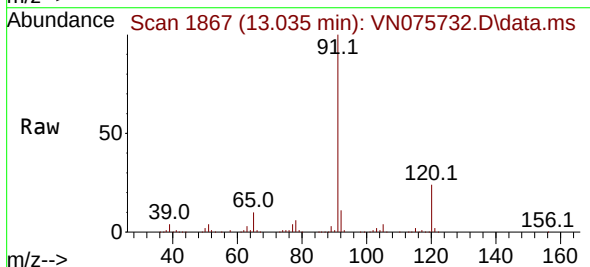
12/13/2022
Supervised By :Mahesh
Dadoda

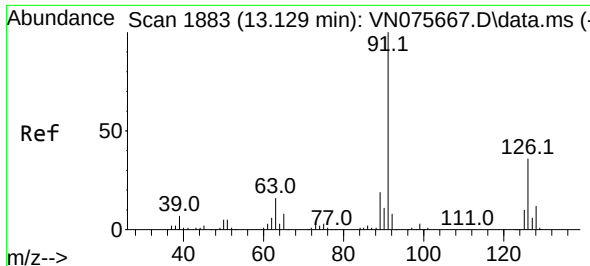
12/13/2022



#78
n-propylbenzene
Concen: 54.533 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

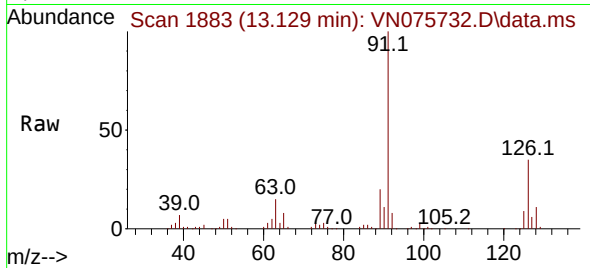
Tgt Ion: 91 Resp: 683493
Ion Ratio Lower Upper
91 100
120 24.2 12.1 36.3





#79
2-Chlorotoluene
Concen: 52.790 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



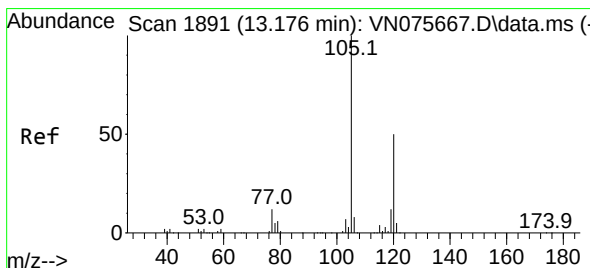
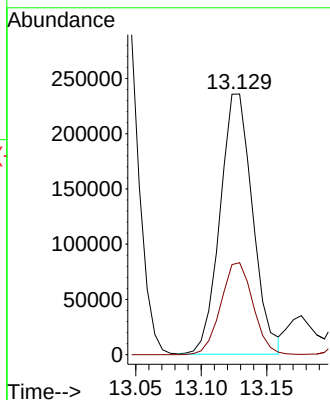
Tgt Ion: 91 Resp: 408480
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

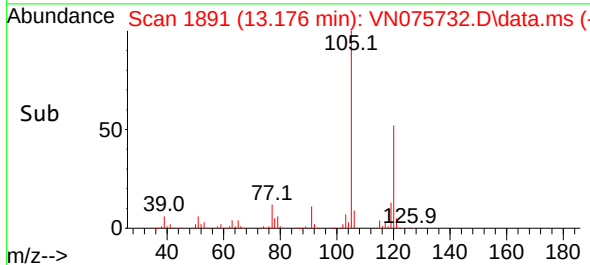
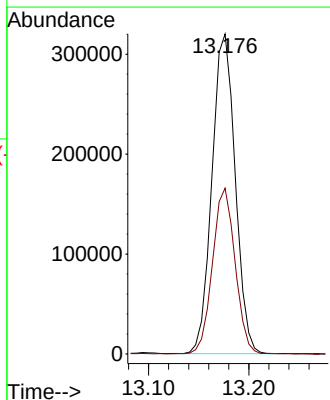
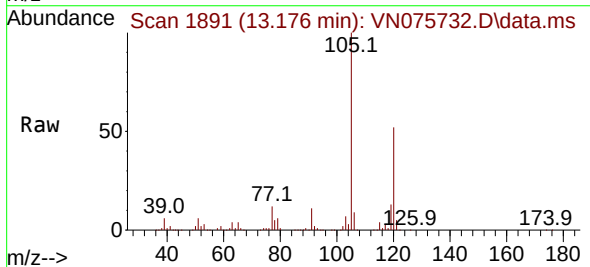
12/13/2022
Supervised By :Mahesh
Dadoda

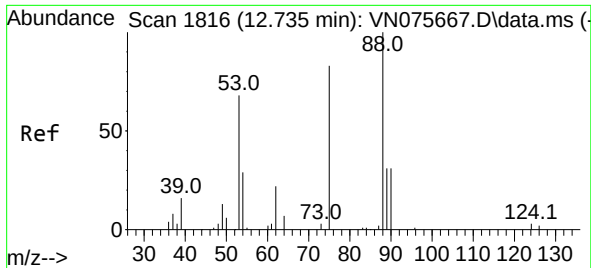
12/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 54.436 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

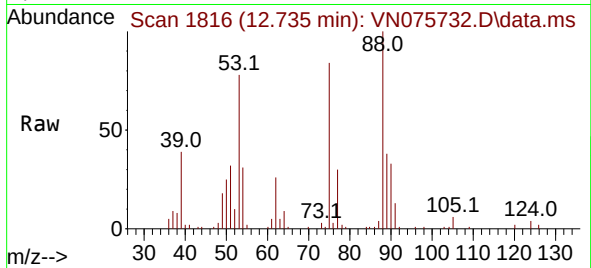
Tgt Ion:105 Resp: 514055
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.295 ug/l
RT: 12.735 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



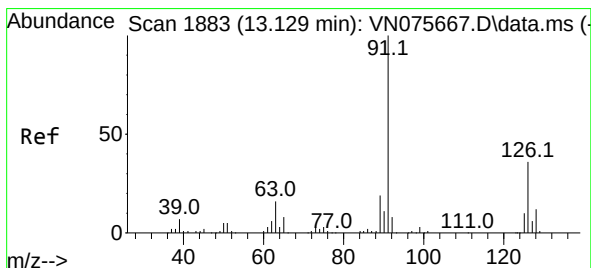
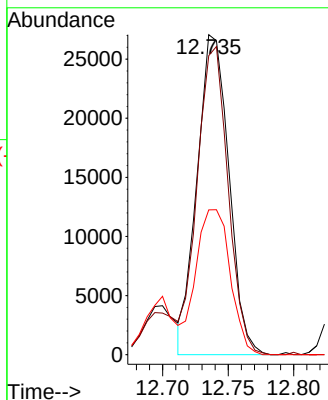
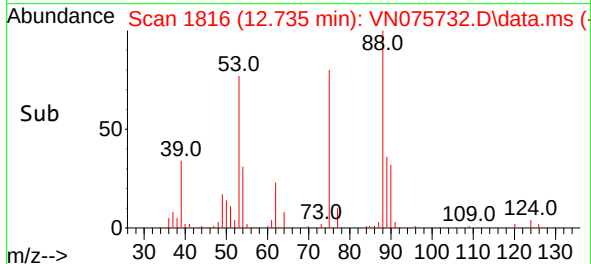
Tgt Ion: 75 Resp: 45710
Ion Ratio Lower Upper
75 100
53 93.4 72.4 108.6
89 49.2 36.6 55.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

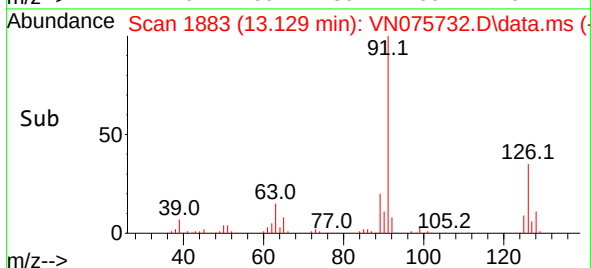
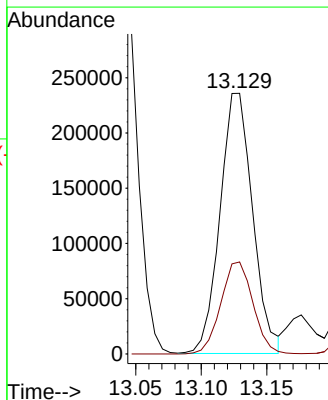
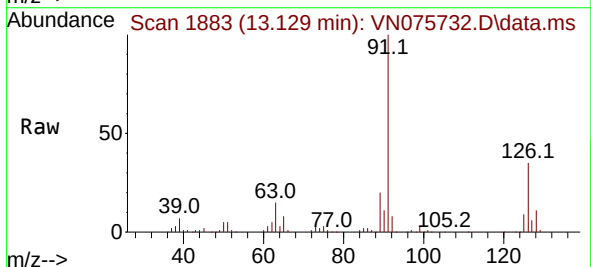
12/13/2022
Supervised By :Mahesh
Dadoda

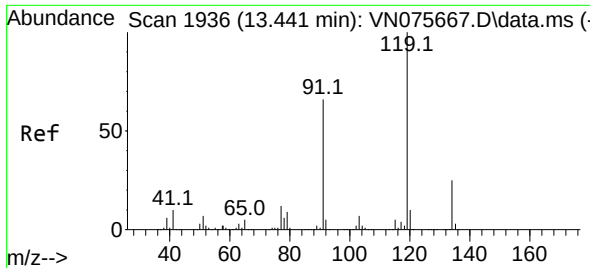
12/13/2022



#82
4-Chlorotoluene
Concen: 52.790 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

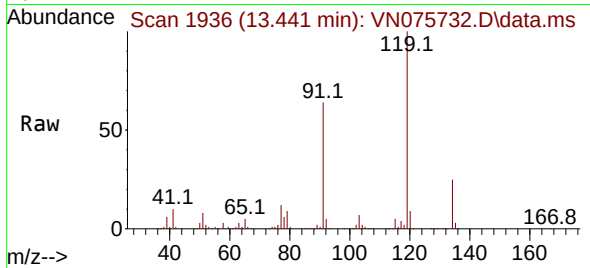
Tgt Ion: 91 Resp: 408486
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4





#83
tert-Butylbenzene
Concen: 53.213 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



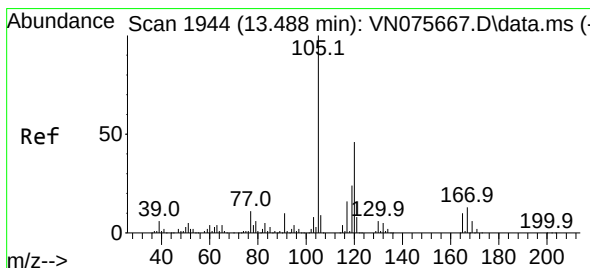
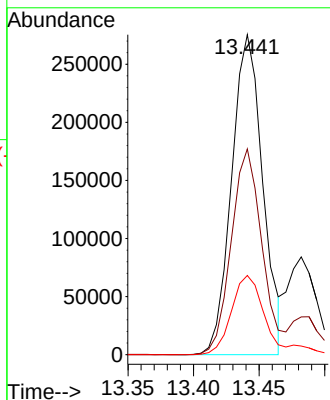
Tgt Ion:119 Resp: 455690
Ion Ratio Lower Upper
119 100
91 64.0 31.9 95.9
134 27.4 13.9 41.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

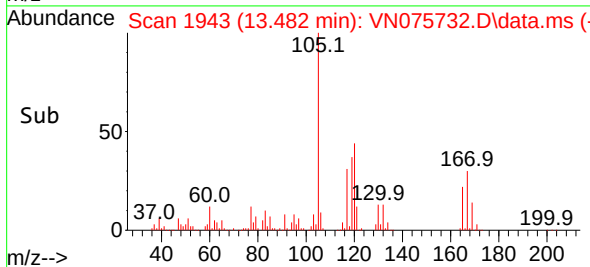
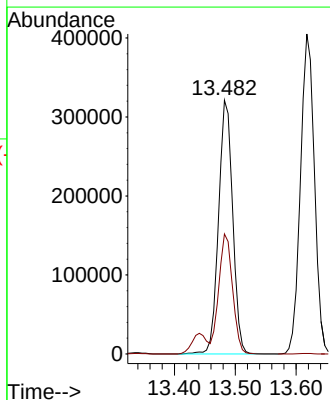
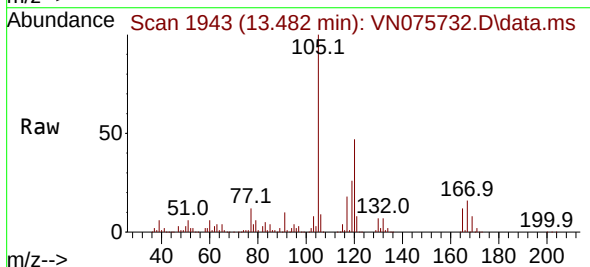
12/13/2022
Supervised By :Mahesh
Dadoda

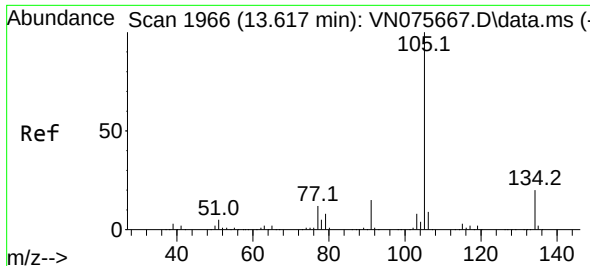
12/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 54.492 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

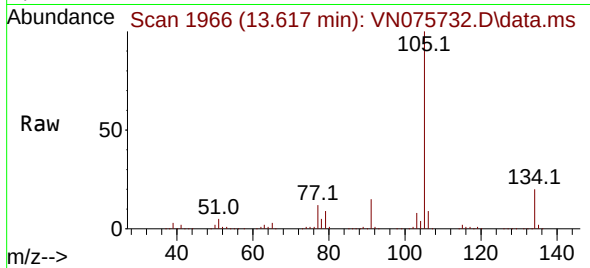
Tgt Ion:105 Resp: 517190
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85
 sec-Butylbenzene
 Concen: 54.772 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075732.D
 Acq: 13 Dec 2022 01:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



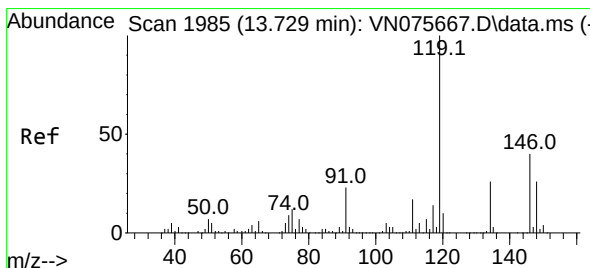
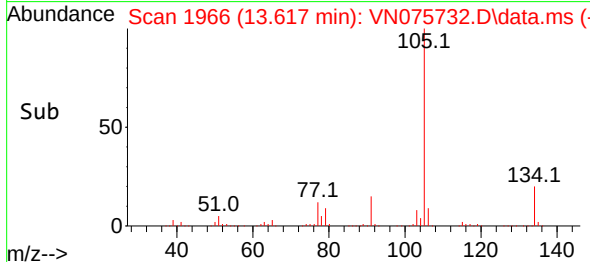
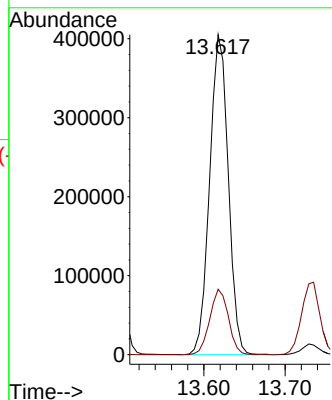
Tgt Ion:105 Resp: 644824
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6

Manual Integrations
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Reviewed By :John
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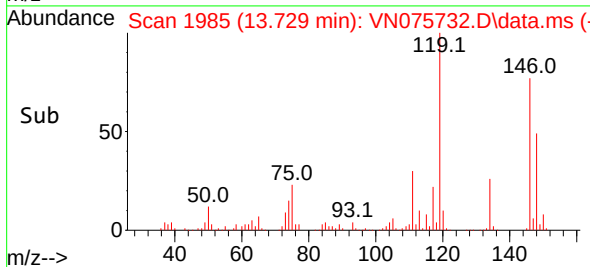
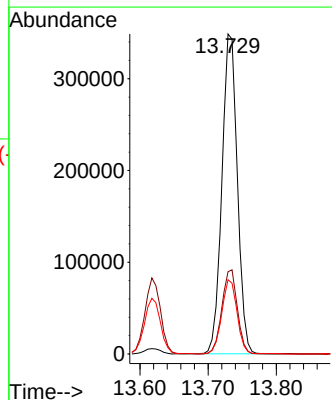
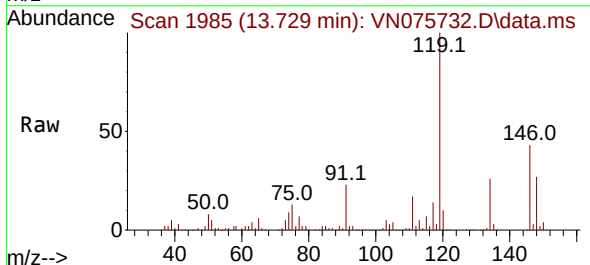
12/13/2022
 Supervised By :Mahesh
 Dadoda

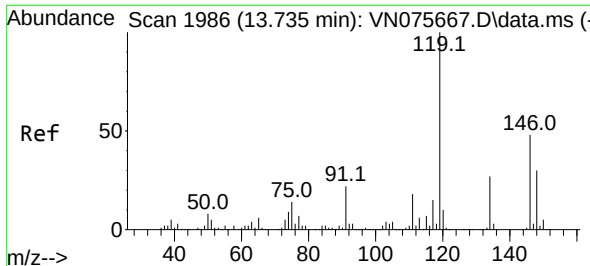
12/13/2022



#86
 p-Isopropyltoluene
 Concen: 55.793 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075732.D
 Acq: 13 Dec 2022 01:16

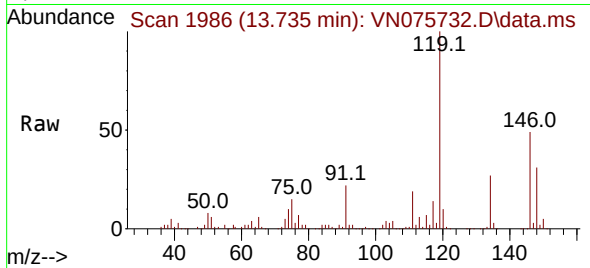
Tgt Ion:119 Resp: 549596
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 52.875 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



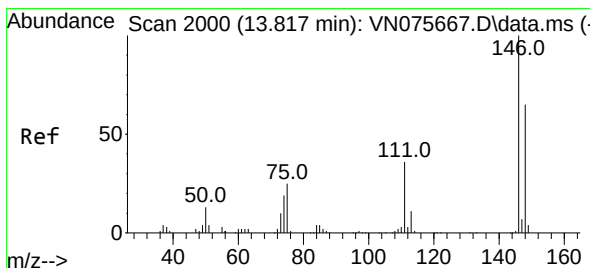
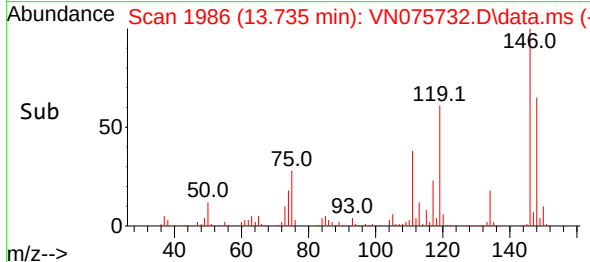
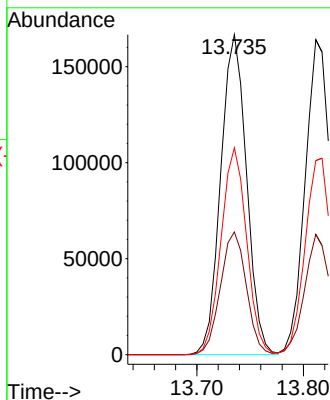
Tgt Ion:146 Resp: 280882
Ion Ratio Lower Upper
146 100
111 38.4 19.8 59.3
148 64.1 32.1 96.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

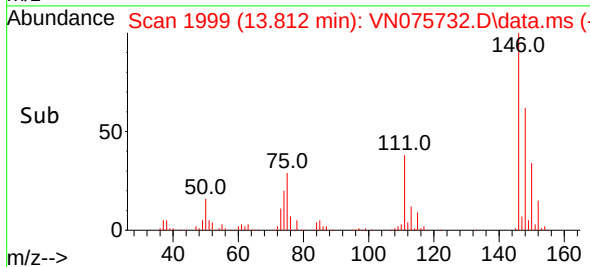
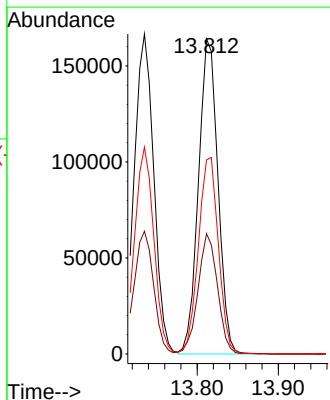
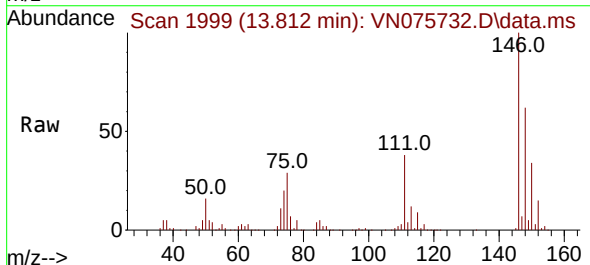
12/13/2022
Supervised By :Mahesh
Dadoda

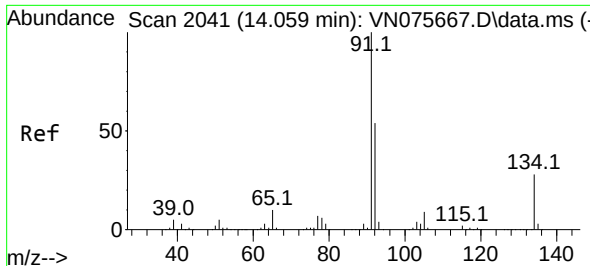
12/13/2022



#88
1,4-Dichlorobenzene
Concen: 50.645 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion:146 Resp: 273651
Ion Ratio Lower Upper
146 100
111 38.4 19.1 57.1
148 64.1 32.1 96.3





#89

n-Butylbenzene

Concen: 55.623 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. 0.000 min

Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 43915

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.1
134	27.4	13.9	41.7

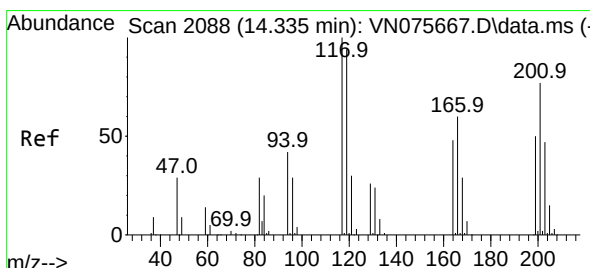
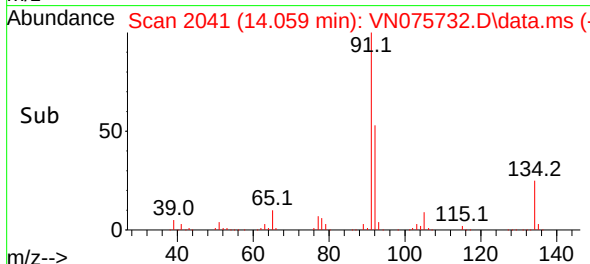
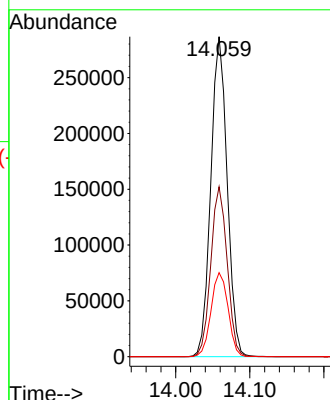
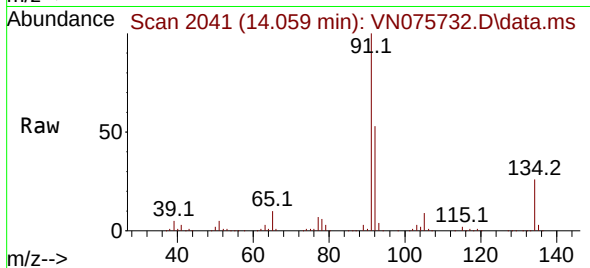
Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/13/2022

Supervised By :Mahesh
Dadoda

12/13/2022



#90

Hexachloroethane

Concen: 56.969 ug/l

RT: 14.335 min Scan# 2088

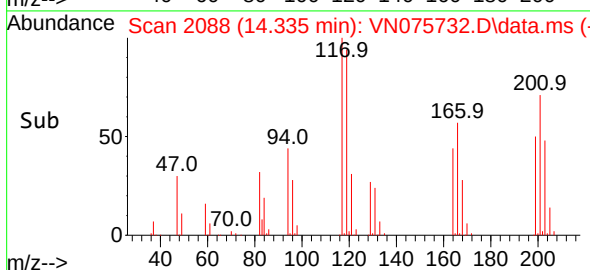
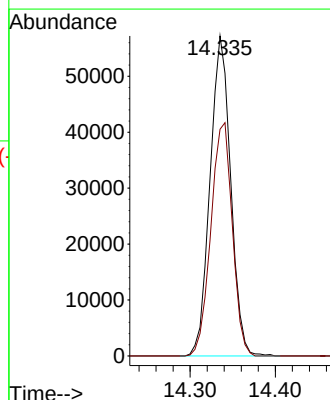
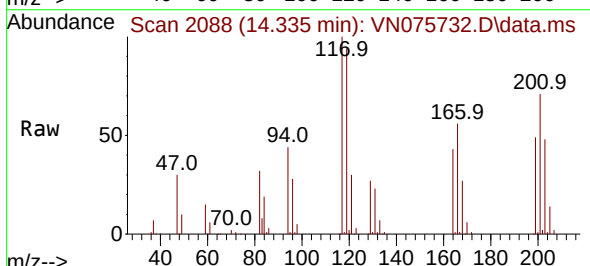
Delta R.T. 0.000 min

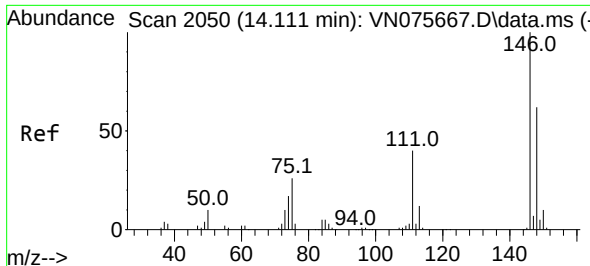
Lab File: VN075732.D

Acq: 13 Dec 2022 01:16

Tgt Ion:117 Resp: 96122

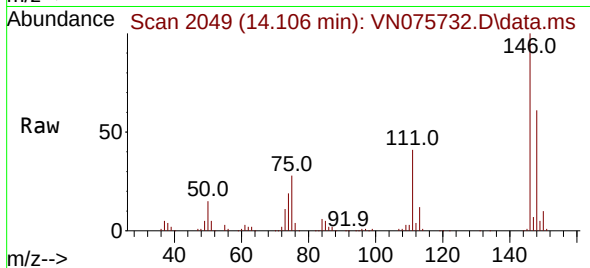
Ion	Ratio	Lower	Upper
117	100		
201	75.8	39.2	117.6





#91
1,2-Dichlorobenzene
Concen: 51.738 ug/l
RT: 14.106 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



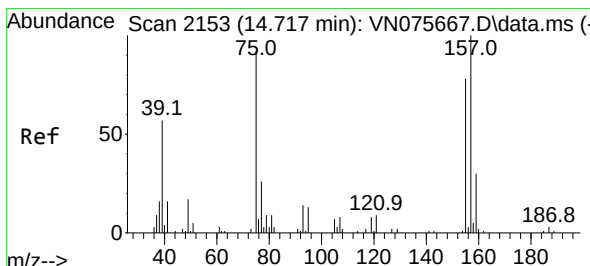
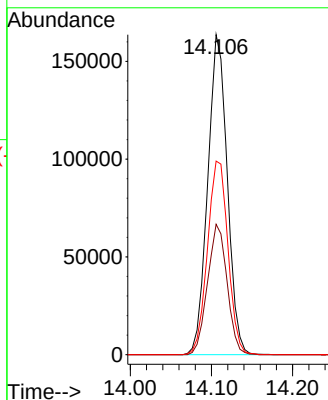
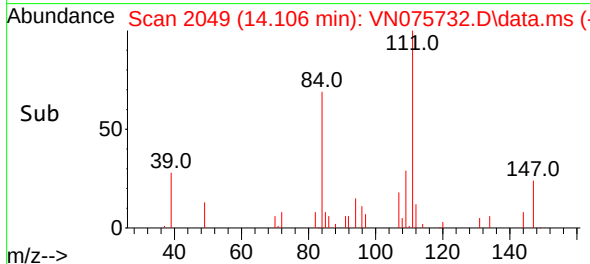
Tgt Ion:146 Resp: 27348
Ion Ratio Lower Upper
146 100
111 40.8 20.1 60.3
148 63.5 31.9 95.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

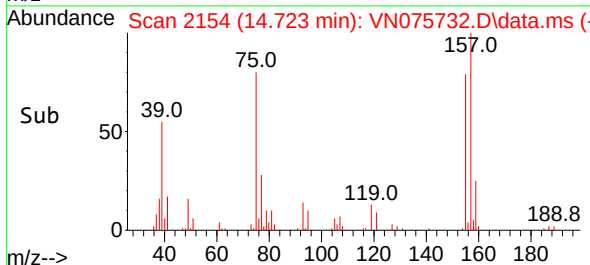
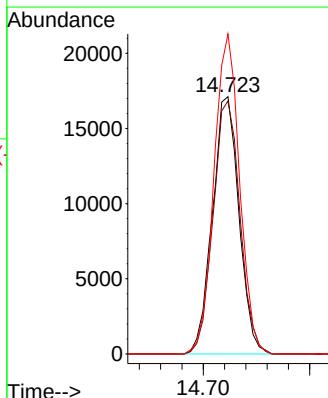
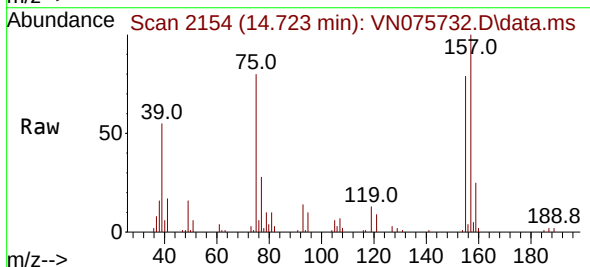
12/13/2022
Supervised By :Mahesh
Dadoda

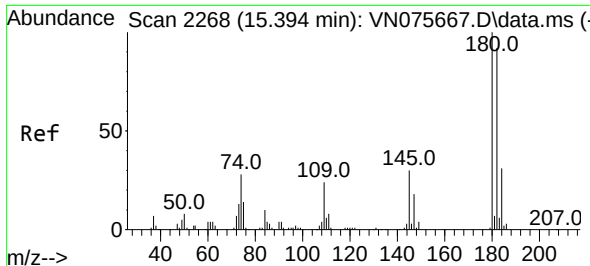
12/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.076 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

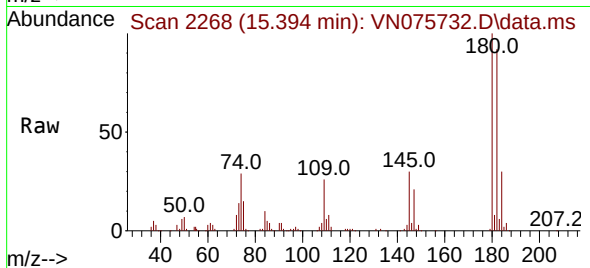
Tgt Ion: 75 Resp: 29592
Ion Ratio Lower Upper
75 100
155 99.2 48.4 145.2
157 119.7 63.5 190.6





#93
1,2,4-Trichlorobenzene
Concen: 54.839 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



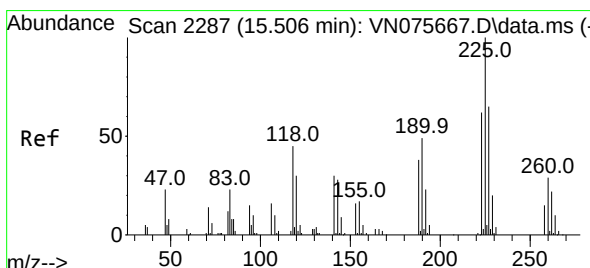
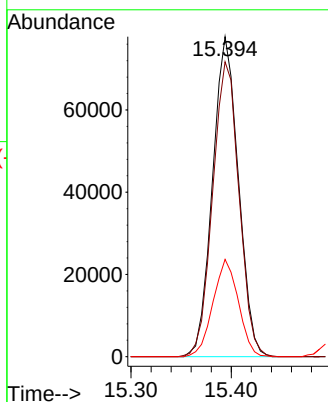
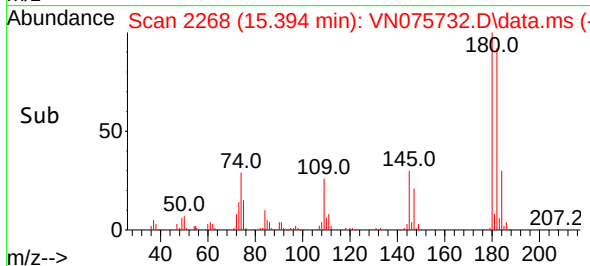
Tgt Ion:180 Resp: 139172
Ion Ratio Lower Upper
180 100
182 93.9 47.1 141.3
145 29.9 15.2 45.5

Manual Integrations
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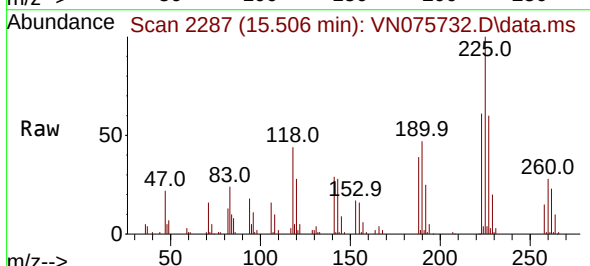
Reviewed By :John
Carlone

12/13/2022
Supervised By :Mahesh
Dadoda

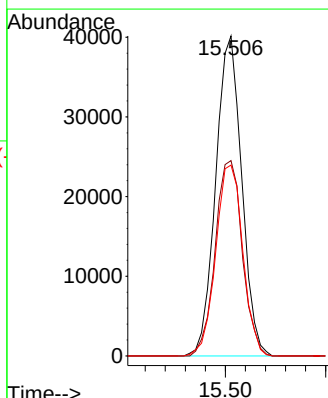
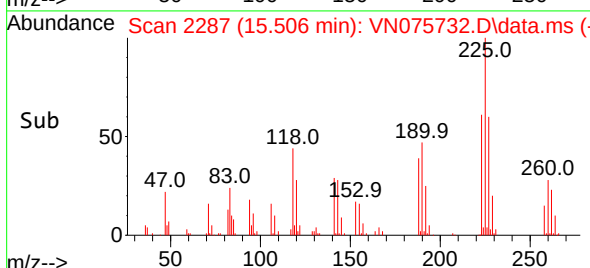
12/13/2022

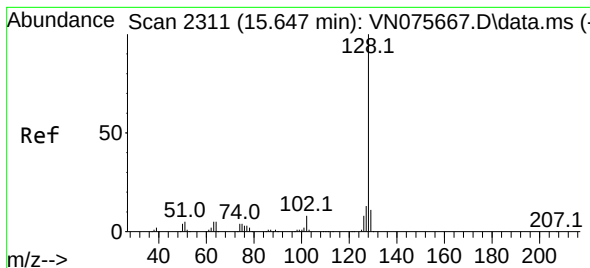


#94
Hexachlorobutadiene
Concen: 50.230 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16



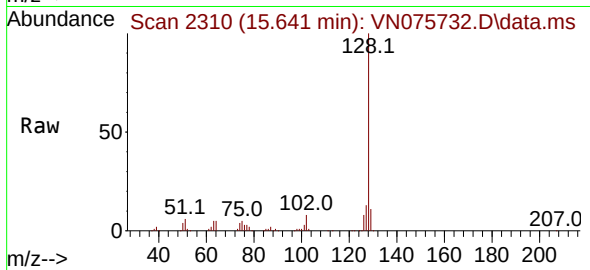
Tgt Ion:225 Resp: 72326
Ion Ratio Lower Upper
225 100
223 63.6 31.4 94.2
227 62.0 31.3 93.9





#95
Naphthalene
Concen: 53.460 ug/l
RT: 15.641 min Scan# 2311
Delta R.T. -0.006 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



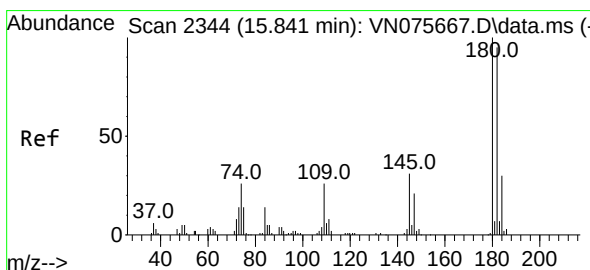
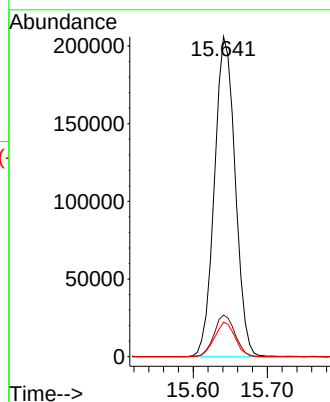
Tgt Ion:128 Resp: 400985
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.7 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

12/13/2022
Supervised By :Mahesh
Dadoda

12/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.116 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VN075732.D
Acq: 13 Dec 2022 01:16

Tgt Ion:180 Resp: 132452
Ion Ratio Lower Upper
180 100
182 95.3 46.8 140.4
145 32.0 15.6 46.8

