

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075463.D
 Acq On : 29 Nov 2022 09:31
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/30/2022
 Supervised By : Mahesh Dadoda 11/30/2022

Quant Time: Nov 30 02:19:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	149831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	224211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39443	49.042	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.080%			
35) Dibromofluoromethane	8.171	113	49728	52.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.460%			
50) Toluene-d8	10.565	98	112099	52.773	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.540%			
62) 4-Bromofluorobenzene	12.847	95	86456	55.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	50549	44.121	ug/l	99
3) Chloromethane	2.371	50	61400	43.070	ug/l	99
4) Vinyl Chloride	2.530	62	80748	44.943	ug/l	97
5) Bromomethane	2.924	94	80056	50.671	ug/l	97
6) Chloroethane	3.101	64	60883	44.722	ug/l	90
7) Trichlorofluoromethane	3.495	101	120788	47.060	ug/l	98
8) Diethyl Ether	3.965	74	43539	48.398	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	70518	49.768	ug/l	94
10) Methyl Iodide	4.595	142	108723	47.353	ug/l	95
11) Tert butyl alcohol	5.542	59	65172	193.031	ug/l	99
12) 1,1-Dichloroethene	4.348	96	65910	47.502	ug/l	92
13) Acrolein	4.183	56	80027	272.084	ug/l	95
14) Allyl chloride	5.036	41	87862m	48.955	ug/l	
15) Acrylonitrile	5.724	53	176471	227.821	ug/l	99
16) Acetone	4.436	43	168528	224.647	ug/l	96
17) Carbon Disulfide	4.718	76	148887	41.290	ug/l	99
18) Methyl Acetate	5.030	43	93227	49.276	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	233249	47.454	ug/l	99
20) Methylene Chloride	5.283	84	75849	49.856	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	73285	46.346	ug/l	97
22) Diisopropyl ether	6.683	45	201287	49.146	ug/l	97
23) Vinyl Acetate	6.612	43	793725m	243.597	ug/l	
24) 1,1-Dichloroethane	6.577	63	129775	49.365	ug/l	98
25) 2-Butanone	7.489	43	235774	225.113	ug/l	95
26) 2,2-Dichloropropane	7.494	77	115409	47.236	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	88381	49.429	ug/l	95
28) Bromochloromethane	7.818	49	50327	47.162	ug/l	87
29) Tetrahydrofuran	7.841	42	145642	228.611	ug/l	98
30) Chloroform	7.971	83	145740	48.275	ug/l	98
31) Cyclohexane	8.265	56	112960	44.206	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	132026	48.165	ug/l	96
36) 1,1-Dichloropropene	8.371	75	103967	50.549	ug/l	97
37) Ethyl Acetate	7.565	43	91583	49.452	ug/l	97
38) Carbon Tetrachloride	8.365	117	119763	53.008	ug/l	99
39) Methylcyclohexane	9.600	83	134018	52.064	ug/l	98
40) Benzene	8.612	78	317821	50.471	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	48870	51.615	ug/l	97
42) 1,2-Dichloroethane	8.671	62	106483	50.490	ug/l	96
43) Isopropyl Acetate	8.688	43	149896	50.426	ug/l	97
44) Trichloroethene	9.353	130	86426	50.159	ug/l	98
45) 1,2-Dichloropropane	9.624	63	76948	51.277	ug/l	98
46) Dibromomethane	9.712	93	58229	51.301	ug/l	92
47) Bromodichloromethane	9.888	83	115541	52.565	ug/l	98
48) Methyl methacrylate	9.683	41	68504	49.839	ug/l	96
49) 1,4-Dioxane	9.700	88	37611	963.641	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	473528	250.106	ug/l	97
52) Toluene	10.630	92	213981	52.732	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	118205	53.567	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	128752	53.721	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	84946	51.397	ug/l	96
56) Ethyl methacrylate	10.877	69	121350	54.368	ug/l	97
57) 1,3-Dichloropropane	11.165	76	136778	50.755	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	216604	269.077	ug/l	96
59) 2-Hexanone	11.194	43	358962	252.489	ug/l	99
60) Dibromochloromethane	11.359	129	97263	57.332	ug/l	97
61) 1,2-Dibromoethane	11.471	107	88019	51.310	ug/l	98
64) Tetrachloroethene	11.106	164	82136	47.971	ug/l	91
65) Chlorobenzene	11.894	112	232106	50.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	89700	51.905	ug/l	99
67) Ethyl Benzene	11.965	91	415801	52.636	ug/l	95
68) m/p-Xylenes	12.071	106	336851	105.005	ug/l	98
69) o-Xylene	12.400	106	164932	51.746	ug/l	99
70) Styrene	12.412	104	271755	54.048	ug/l	99
71) Bromoform	12.576	173	72861	55.396	ug/l #	98
73) Isopropylbenzene	12.694	105	435414	50.456	ug/l	99
74) N-amyl acetate	12.494	43	133625	50.367	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126813	48.200	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	102761m	46.013	ug/l	
77) Bromobenzene	12.982	156	104800	49.191	ug/l	85
78) n-propylbenzene	13.035	91	500705	51.991	ug/l	99
79) 2-Chlorotoluene	13.123	91	296660	51.125	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	376992	52.582	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39288	52.051	ug/l	94
82) 4-Chlorotoluene	13.123	91	296660	51.125	ug/l	97
83) tert-Butylbenzene	13.441	119	334342	51.147	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	384024	53.400	ug/l	99
85) sec-Butylbenzene	13.618	105	473485	53.382	ug/l	99
86) p-Isopropyltoluene	13.729	119	413375	55.393	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	206045	51.045	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	206939	50.468	ug/l	98
89) n-Butylbenzene	14.059	91	334132	53.013	ug/l	99
90) Hexachloroethane	14.335	117	70185	54.517	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	204298	51.923	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24079	48.315	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	109021	54.068	ug/l	99
94) Hexachlorobutadiene	15.500	225	55407	52.754	ug/l	98
95) Naphthalene	15.641	128	324388	51.137	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104946	52.956	ug/l	99

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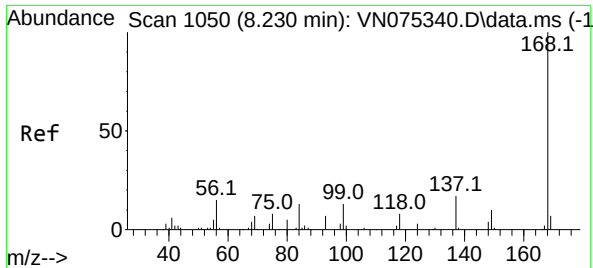
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/30/2022

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Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

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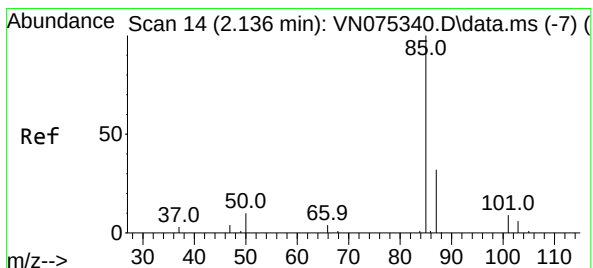
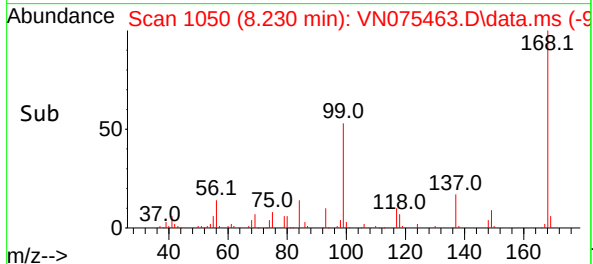
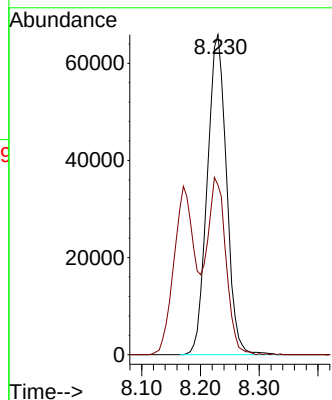
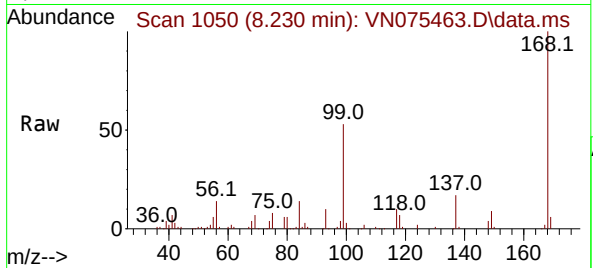
VSTDCCC050

Tgt Ion:168 Resp: 14983
Ion Ratio Lower Upper
168 100
99 52.8 51.6 77.4

Manual Integrations

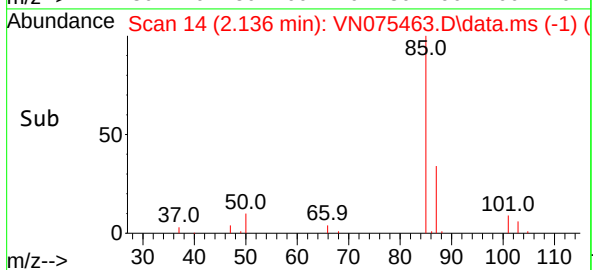
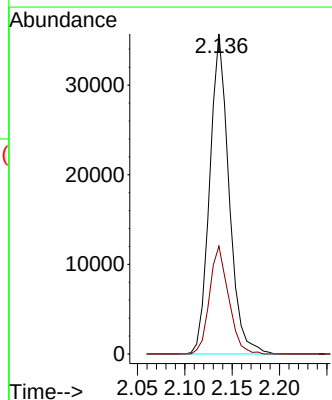
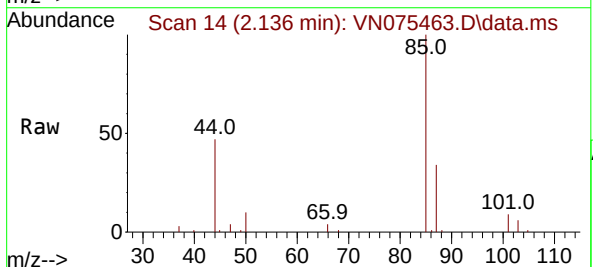
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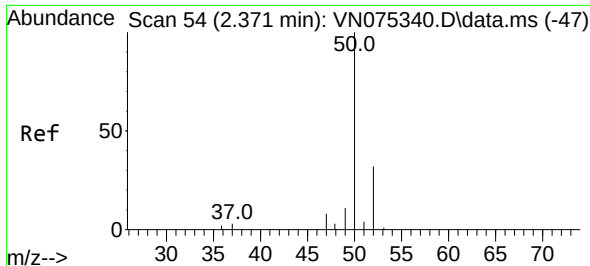
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#2
Dichlorodifluoromethane
Concen: 44.121 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 85 Resp: 50549
Ion Ratio Lower Upper
85 100
87 33.7 16.7 50.0





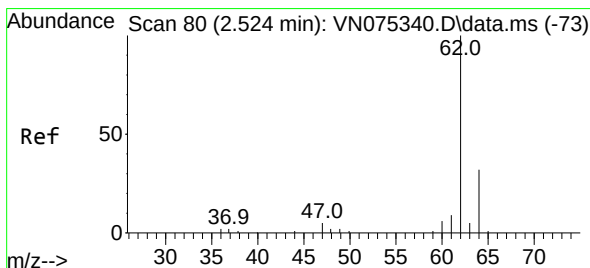
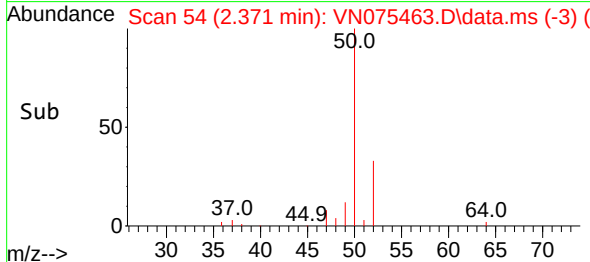
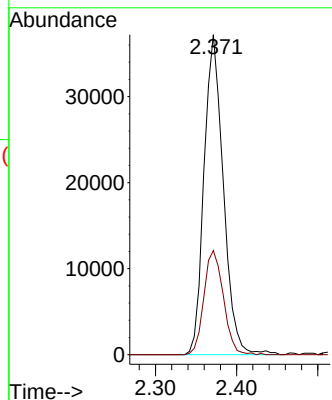
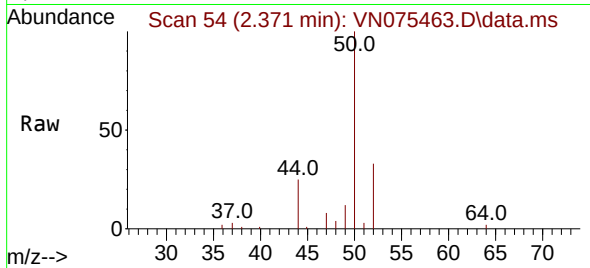
#3
Chloromethane
Concen: 43.070 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 61400
Ion Ratio Lower Upper
50 100
52 32.6 25.8 38.6

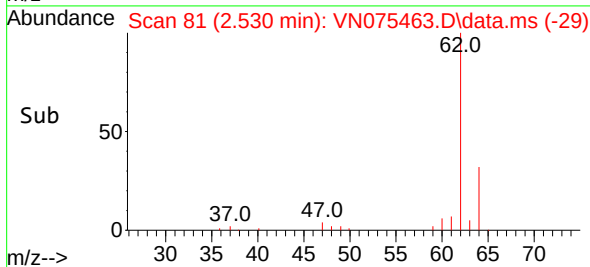
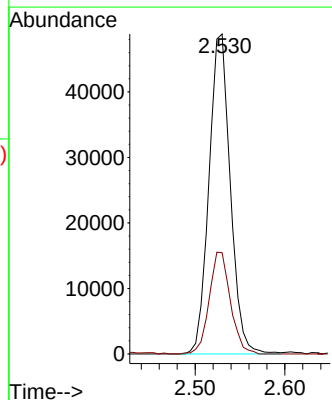
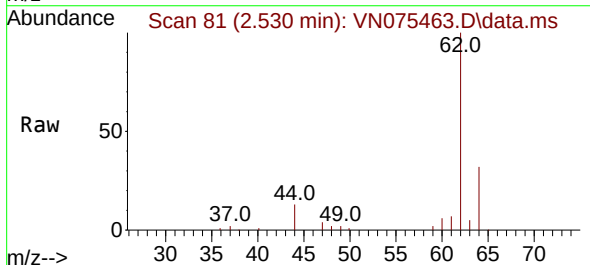
Manual Integrations
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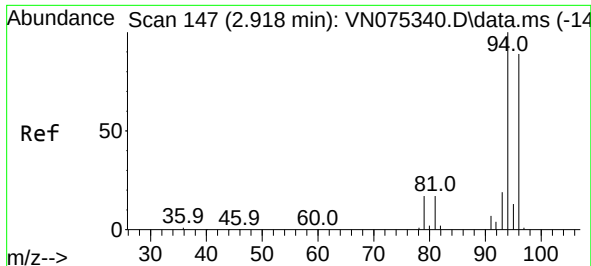
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#4
Vinyl Chloride
Concen: 44.943 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

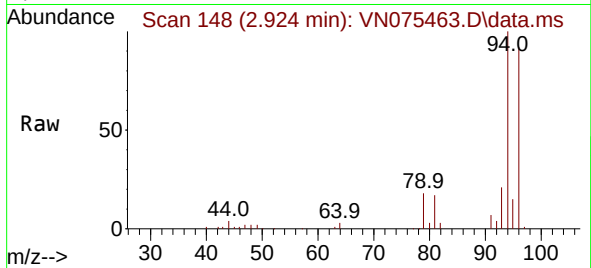
Tgt Ion: 62 Resp: 80748
Ion Ratio Lower Upper
62 100
64 31.7 24.0 36.0





#5
Bromomethane
Concen: 50.671 ug/l
RT: 2.924 min Scan# 147
Delta R.T. 0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

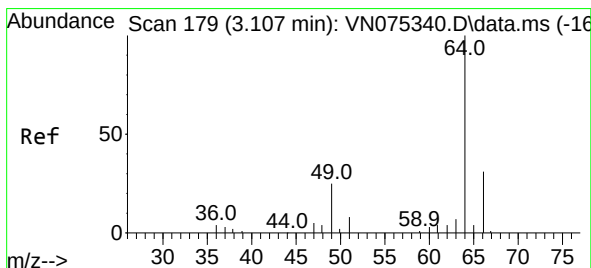
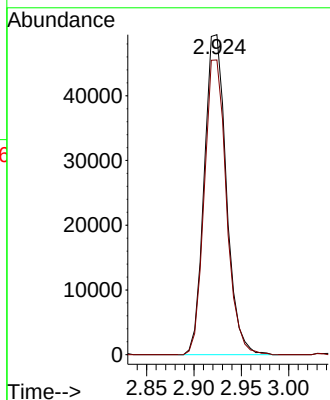
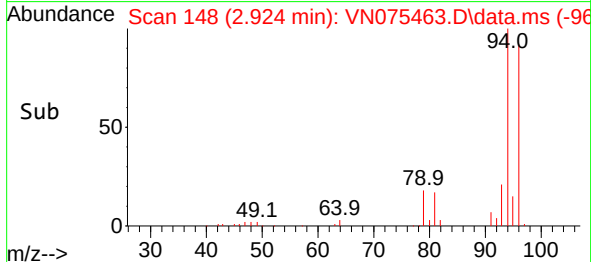
Instrument :
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Tgt Ion: 94 Resp: 80050
Ion Ratio Lower Upper
94 100
96 92.1 71.8 107.6

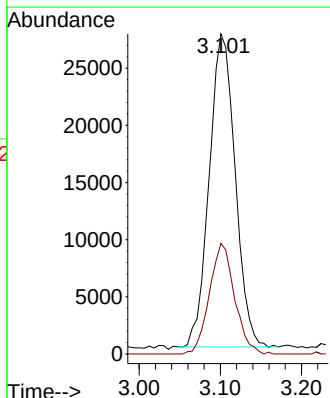
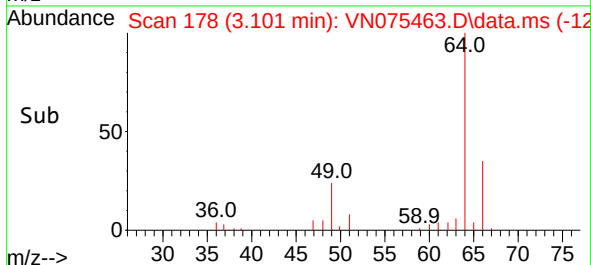
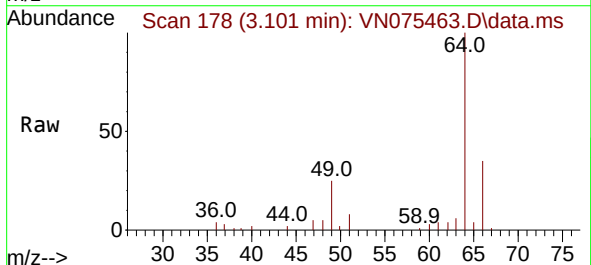
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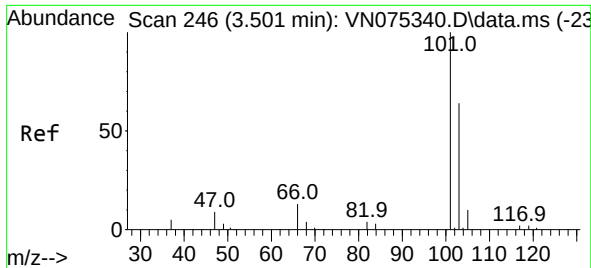
Reviewed By :John Carlone 11/30/2022
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#6
Chloroethane
Concen: 44.722 ug/l
RT: 3.101 min Scan# 178
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 64 Resp: 60883
Ion Ratio Lower Upper
64 100
66 35.3 23.8 35.8





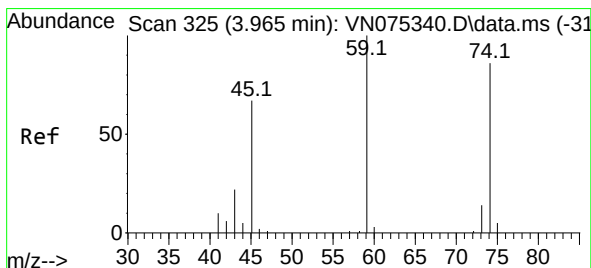
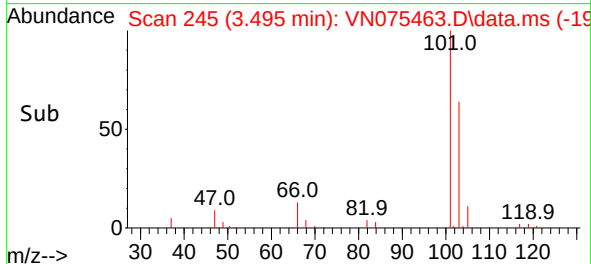
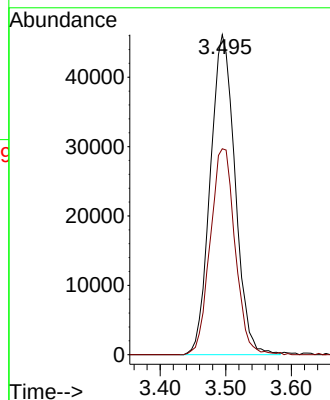
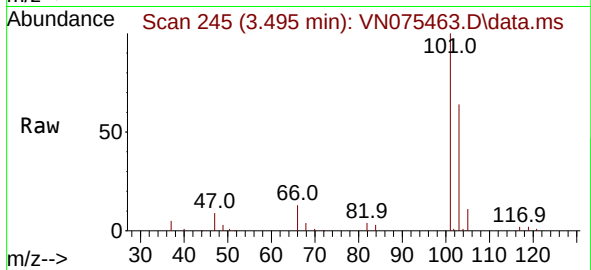
#7
Trichlorofluoromethane
Concen: 47.060 ug/l
RT: 3.495 min Scan# 246
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 120788
Ion Ratio Lower Upper
101 100
103 64.4 50.5 75.7

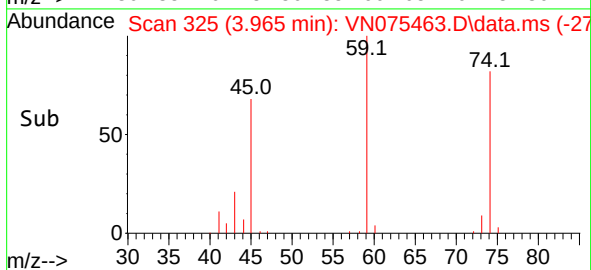
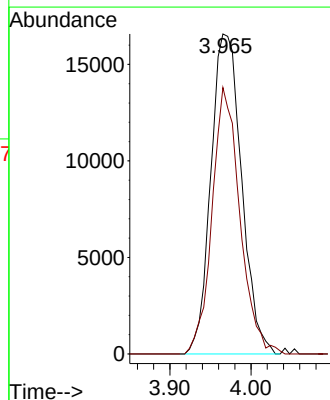
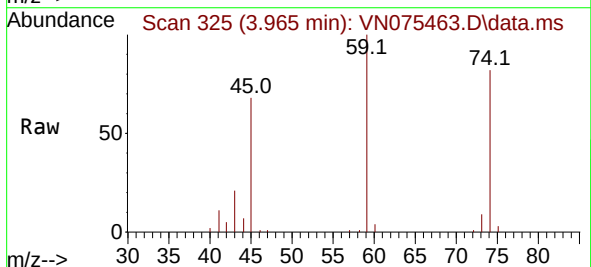
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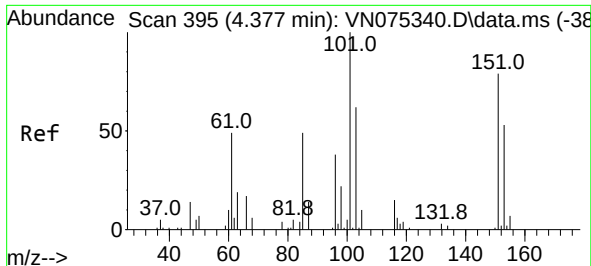
Reviewed By :John Carlone 11/30/2022
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#8
Diethyl Ether
Concen: 48.398 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 74 Resp: 43539
Ion Ratio Lower Upper
74 100
45 75.6 39.3 117.9





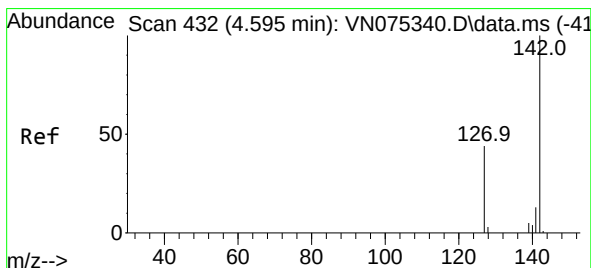
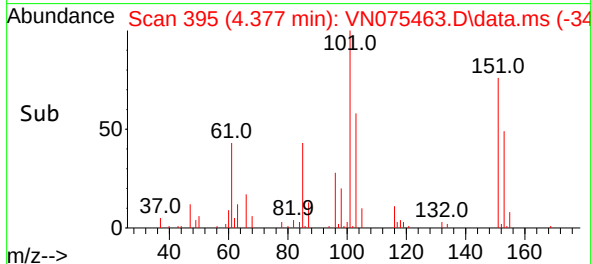
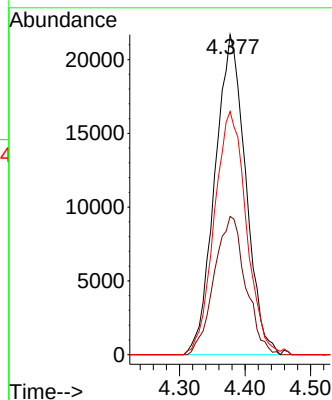
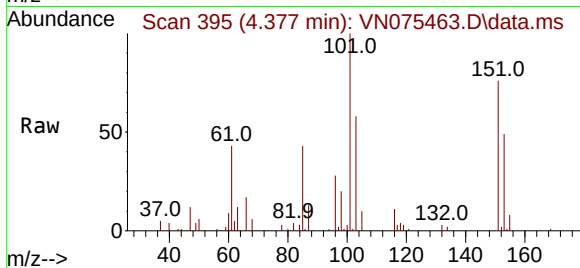
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.768 ug/l
RT: 4.377 min Scan# 395
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 70518
Ion Ratio Lower Upper
101 100
85 44.3 37.6 56.4
151 79.4 58.3 87.5

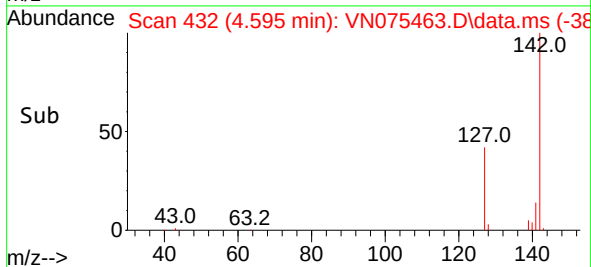
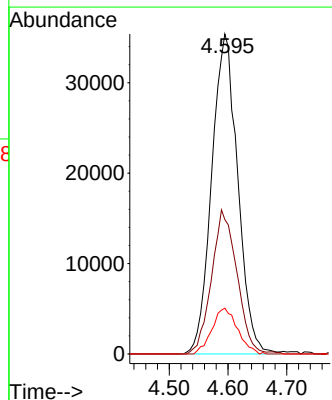
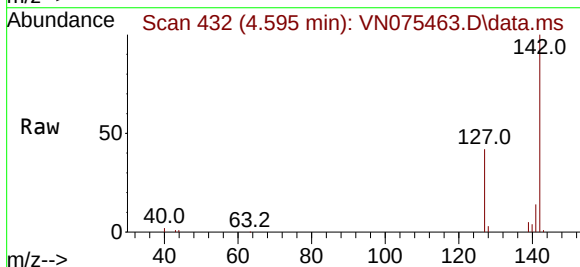
Manual Integrations
APPROVED

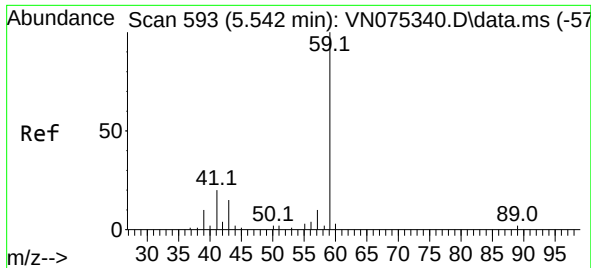
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#10
Methyl Iodide
Concen: 47.353 ug/l
RT: 4.595 min Scan# 432
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion:142 Resp: 108723
Ion Ratio Lower Upper
142 100
127 44.1 38.0 57.0
141 14.1 12.2 18.4





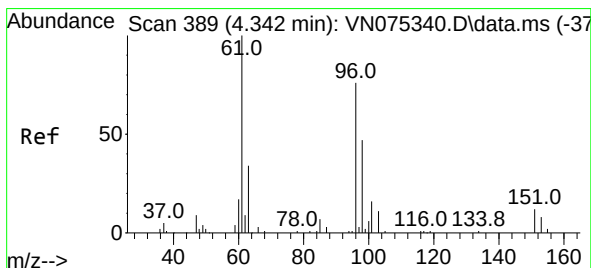
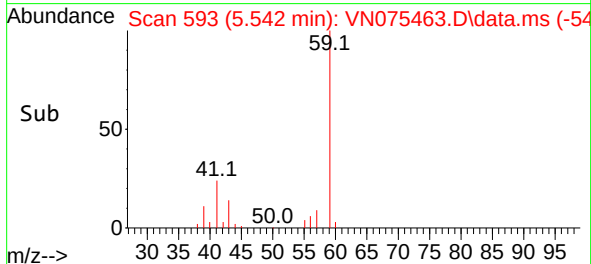
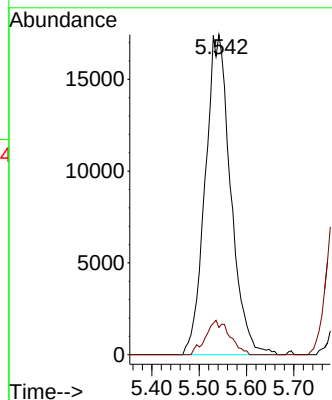
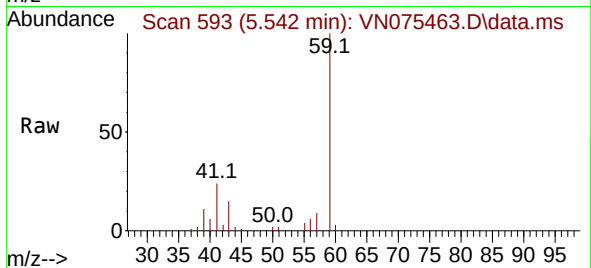
#11
Tert butyl alcohol
Concen: 193.031 ug/l
RT: 5.542 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 65172
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

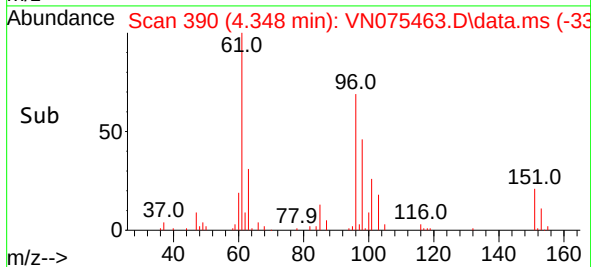
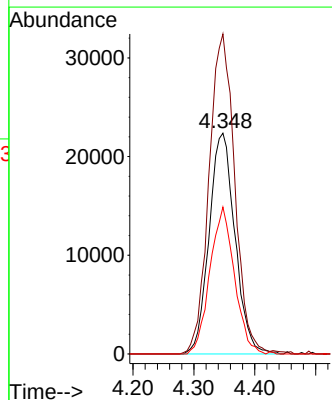
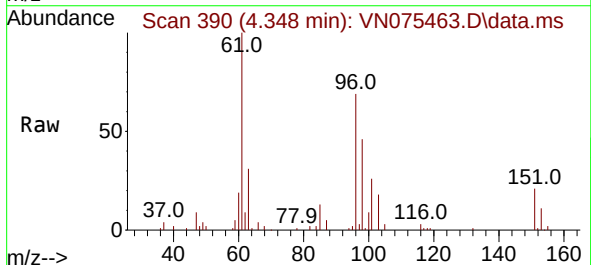
Manual Integrations
APPROVED

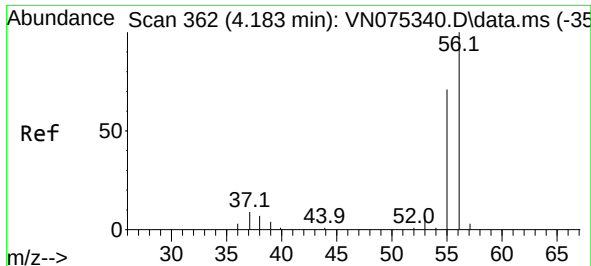
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#12
1,1-Dichloroethene
Concen: 47.502 ug/l
RT: 4.348 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

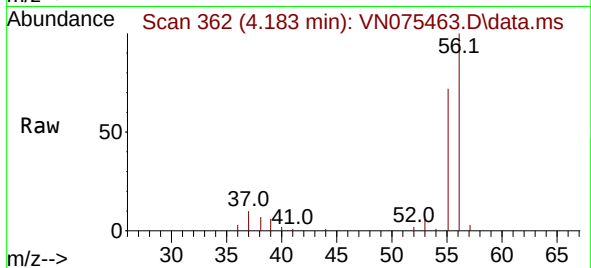
Tgt Ion: 96 Resp: 65910
Ion Ratio Lower Upper
96 100
61 144.9 126.2 189.4
98 66.5 51.5 77.3





#13
Acrolein
Concen: 272.084 ug/l
RT: 4.183 min Scan# 362
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

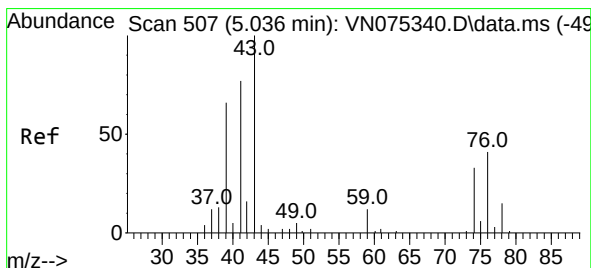
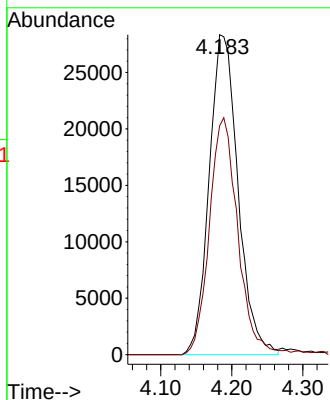
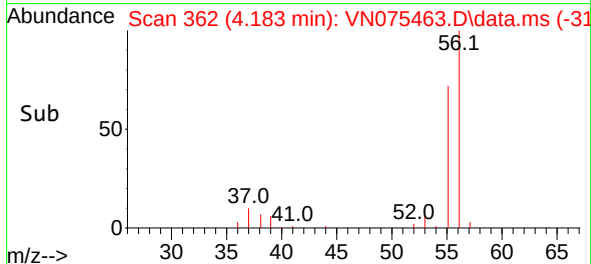
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



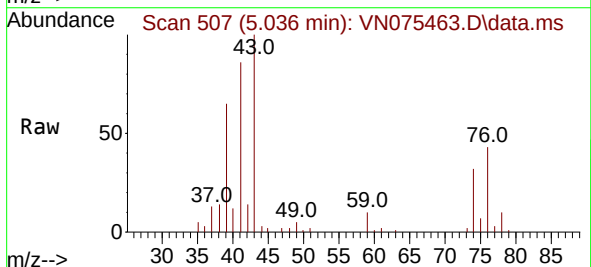
Tgt Ion: 56 Resp: 8002
Ion Ratio Lower Upper
56 100
55 72.7 55.2 82.8

Manual Integrations
APPROVED

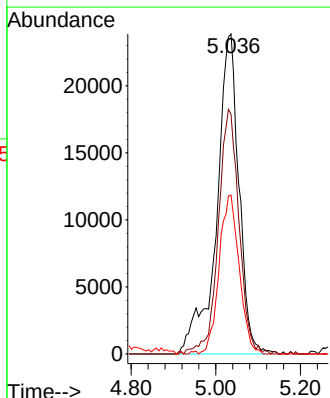
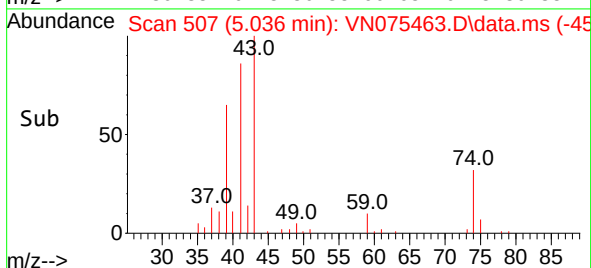
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

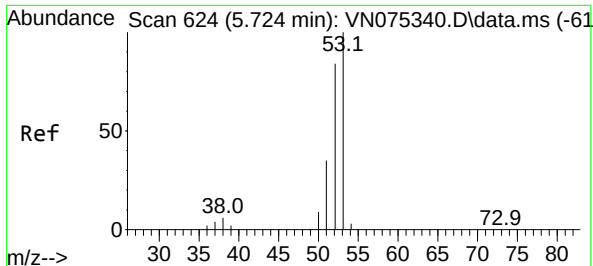


#14
Allyl chloride
Concen: 48.955 ug/l m
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



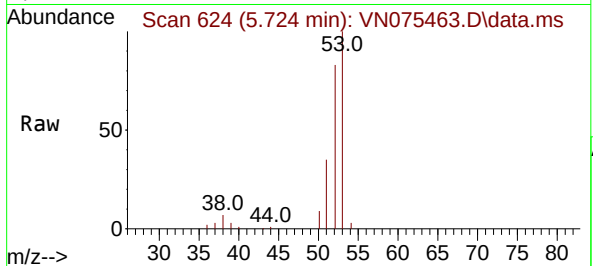
Tgt Ion: 41 Resp: 87862
Ion Ratio Lower Upper
41 100
39 70.5 61.0 91.4
76 44.4 33.4 50.0





#15
Acrylonitrile
Concen: 227.821 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

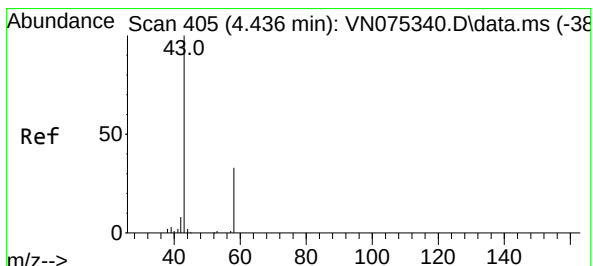
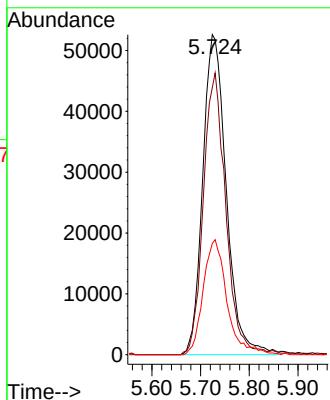
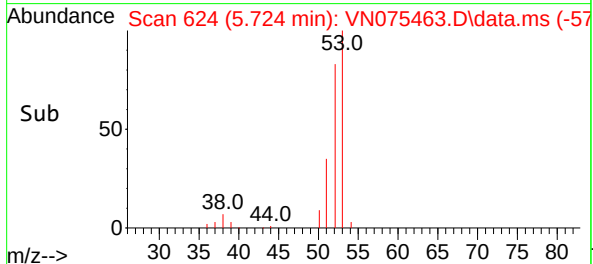
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 17647
Ion Ratio Lower Upper
53 100
52 83.6 66.4 99.6
51 36.3 29.6 44.4

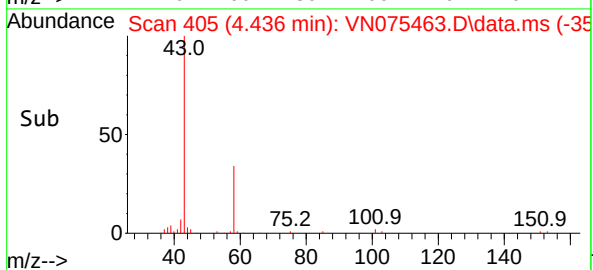
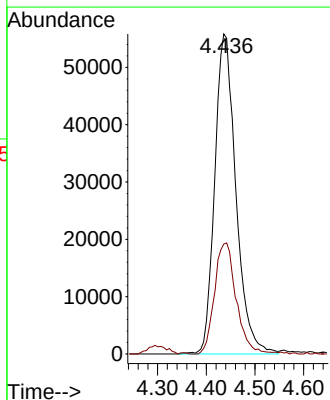
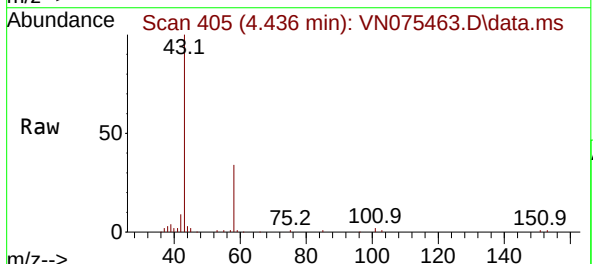
Manual Integrations
APPROVED

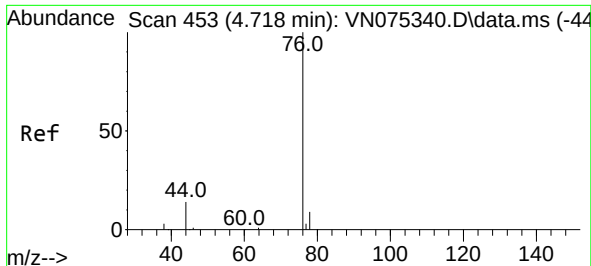
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#16
Acetone
Concen: 224.647 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

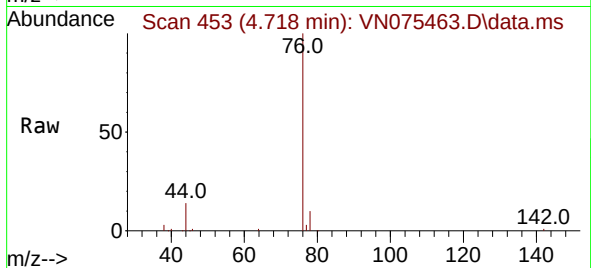
Tgt Ion: 43 Resp: 168528
Ion Ratio Lower Upper
43 100
58 34.4 25.5 38.3





#17
Carbon Disulfide
Concen: 41.290 ug/l
RT: 4.718 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

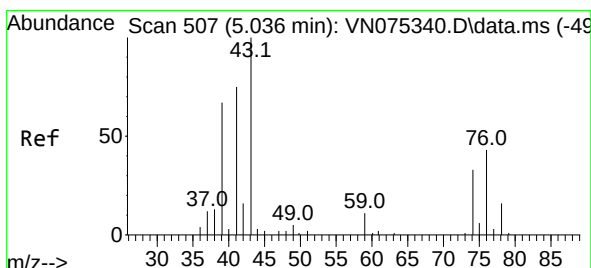
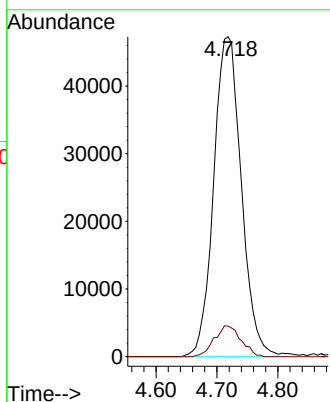
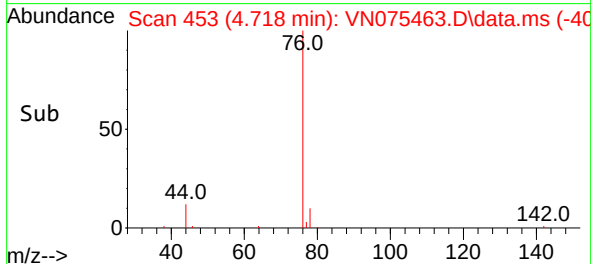
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 14888
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

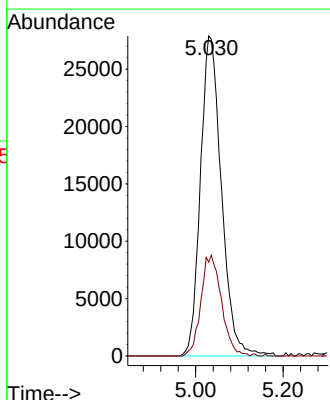
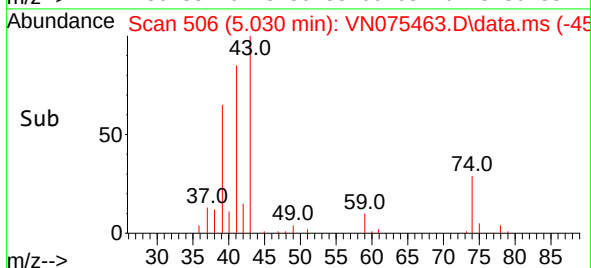
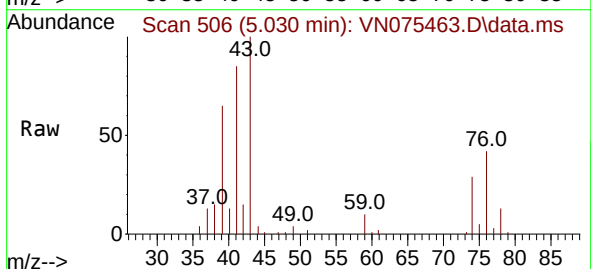
Manual Integrations
APPROVED

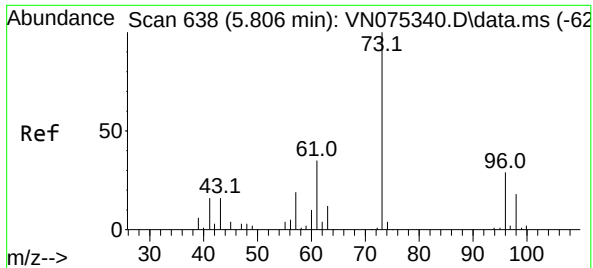
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#18
Methyl Acetate
Concen: 49.276 ug/l
RT: 5.030 min Scan# 506
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 43 Resp: 93227
Ion Ratio Lower Upper
43 100
74 30.7 22.0 33.0





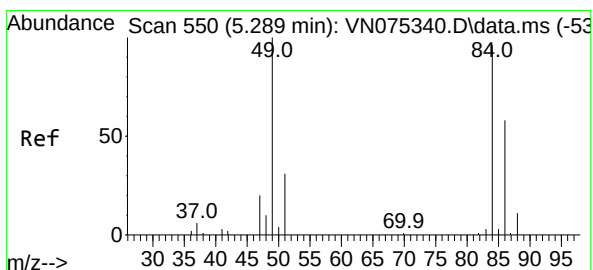
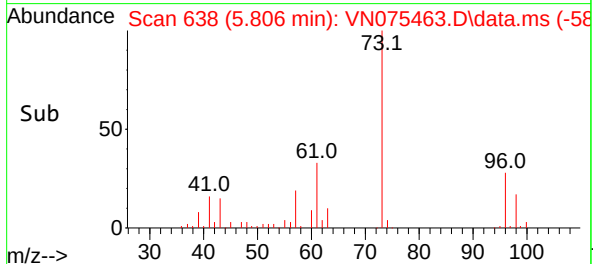
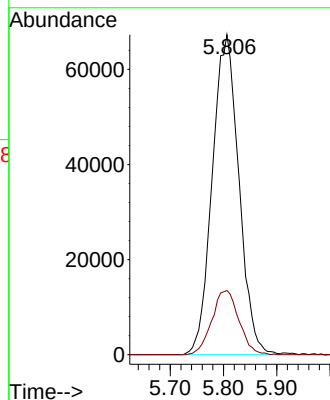
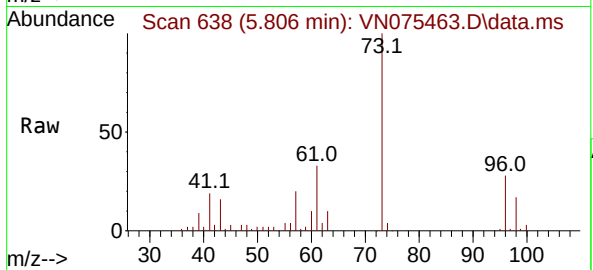
#19
Methyl tert-butyl Ether
Concen: 47.454 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 233249
Ion Ratio Lower Upper
73 100
57 20.0 16.3 24.5

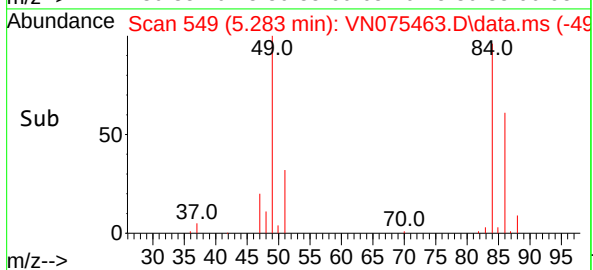
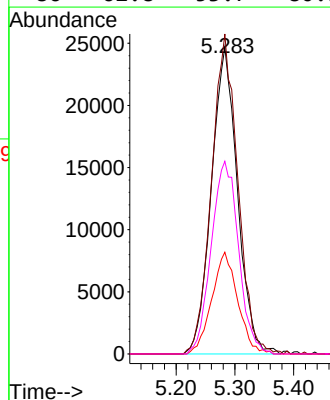
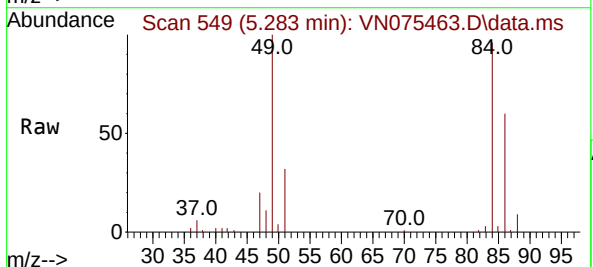
Manual Integrations
APPROVED

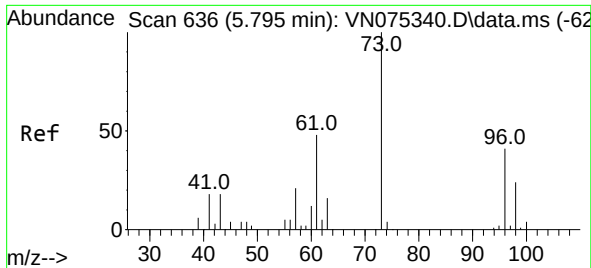
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#20
Methylene Chloride
Concen: 49.856 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 84 Resp: 75849
Ion Ratio Lower Upper
84 100
49 104.3 94.9 142.3
51 33.2 26.8 40.2
86 62.8 53.7 80.5





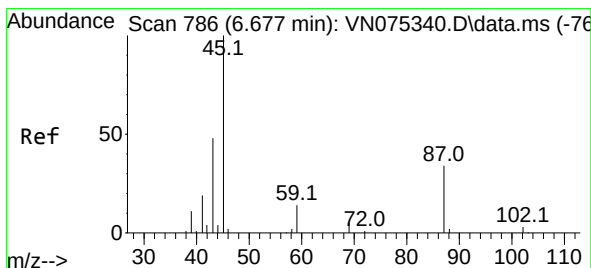
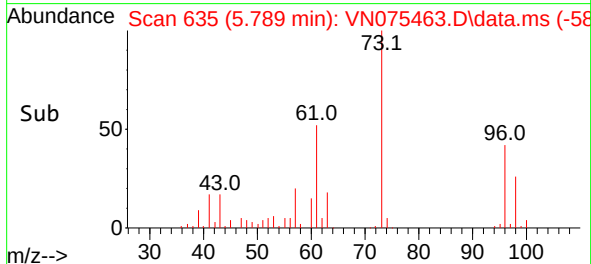
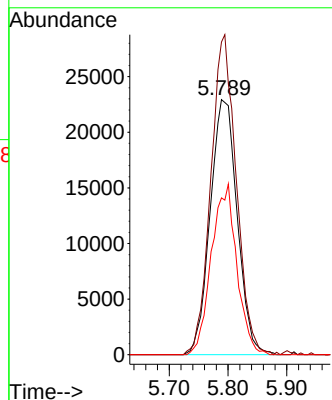
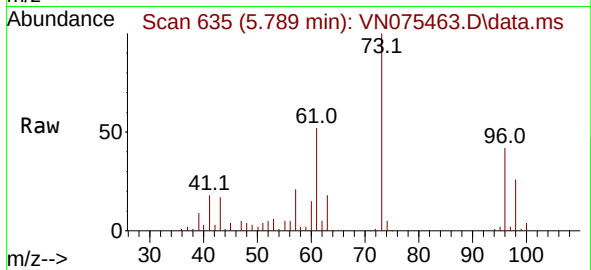
#21
trans-1,2-Dichloroethene
Concen: 46.346 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 7328
Ion Ratio Lower Upper
96 100
61 122.6 99.9 149.9
98 61.5 51.5 77.3

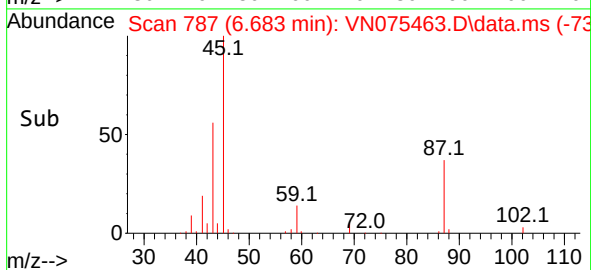
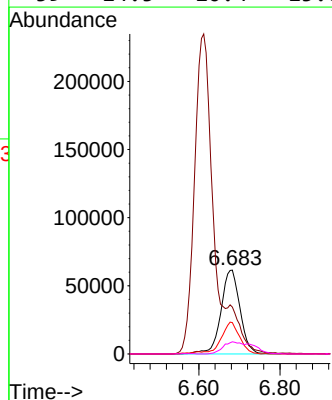
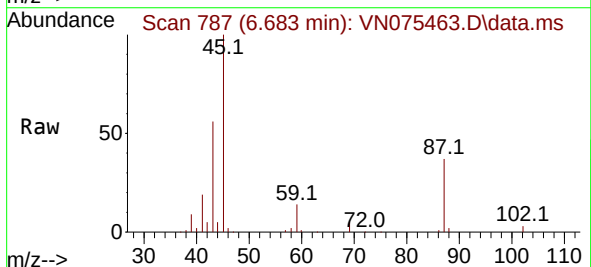
Manual Integrations
APPROVED

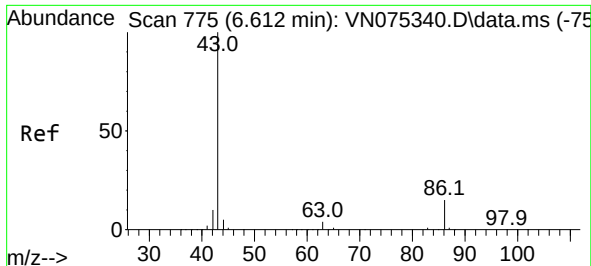
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#22
Diisopropyl ether
Concen: 49.146 ug/l
RT: 6.683 min Scan# 787
Delta R.T. 0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 45 Resp: 201287
Ion Ratio Lower Upper
45 100
43 55.0 42.8 64.2
87 37.5 28.4 42.6
59 14.5 10.4 15.6





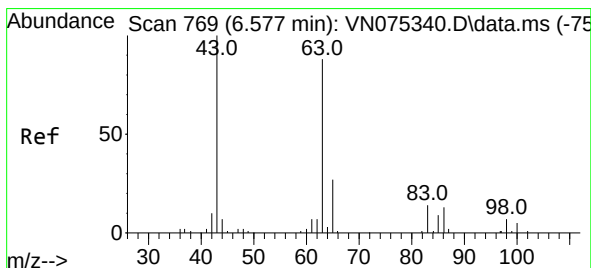
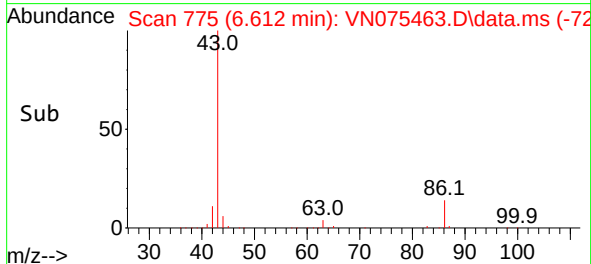
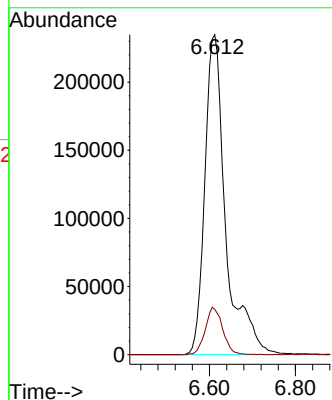
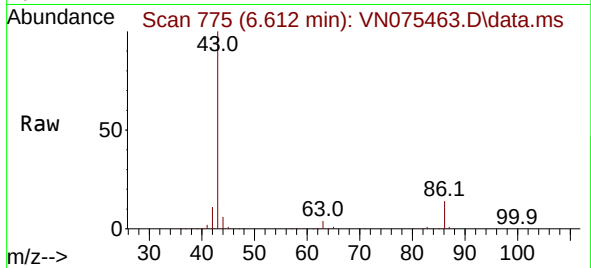
#23
 Vinyl Acetate
 Concen: 243.597 ug/l m
 RT: 6.612 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: VN075463.D
 Acq: 29 Nov 2022 09:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 793725
 Ion Ratio Lower Upper
 43 100
 86 14.2 10.7 16.1

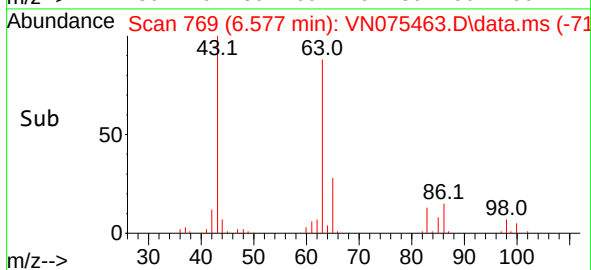
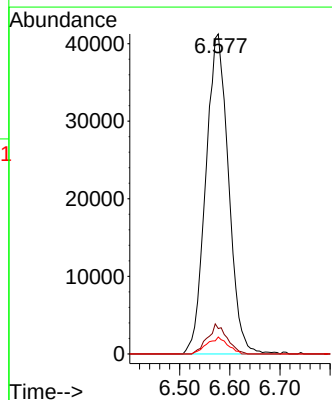
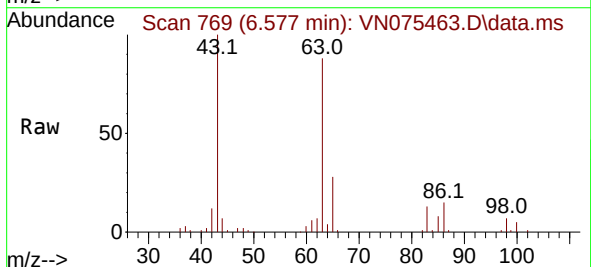
Manual Integrations
 APPROVED

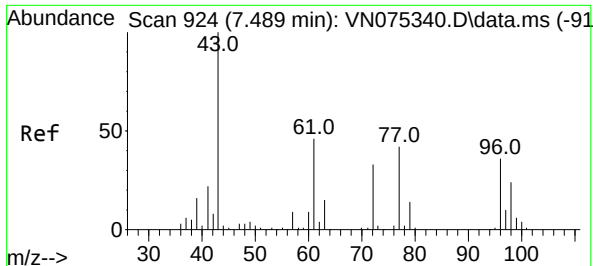
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022



#24
 1,1-Dichloroethane
 Concen: 49.365 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VN075463.D
 Acq: 29 Nov 2022 09:31

Tgt Ion: 63 Resp: 129775
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 5.3 2.4 7.2





#25

2-Butanone

Concen: 225.113 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 235774

Ion Ratio Lower Upper

43 100

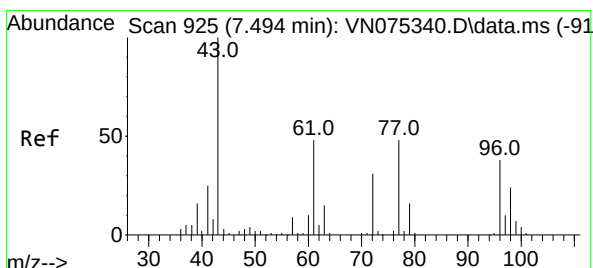
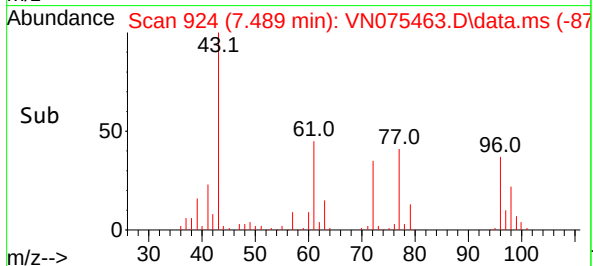
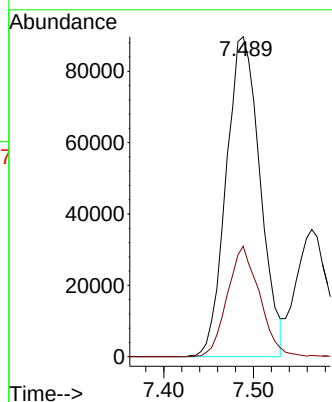
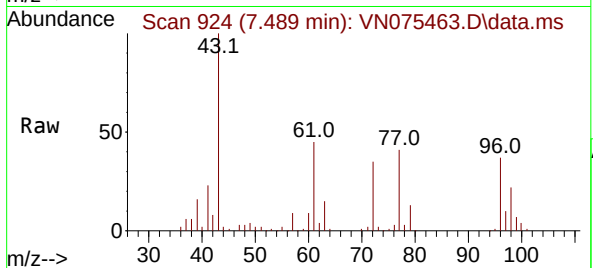
72 34.5 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#26

2,2-Dichloropropane

Concen: 47.236 ug/l

RT: 7.494 min Scan# 925

Delta R.T. 0.000 min

Lab File: VN075463.D

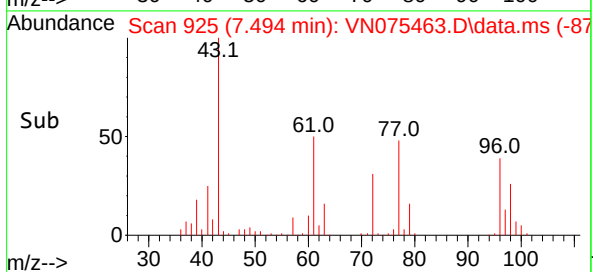
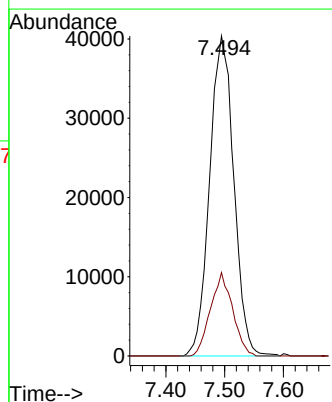
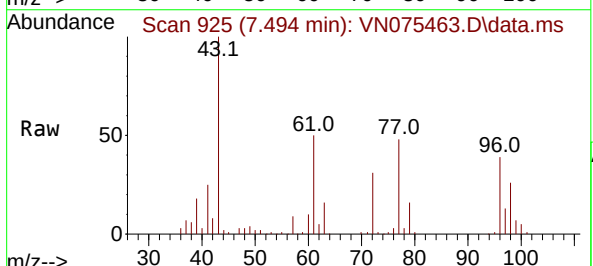
Acq: 29 Nov 2022 09:31

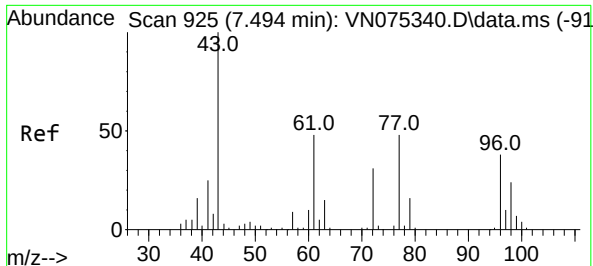
Tgt Ion: 77 Resp: 115409

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 49.429 ug/l

RT: 7.489 min Scan# 91

Delta R.T. -0.005 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 8838

Ion Ratio Lower Upper

96 100

61 130.1 0.0 278.8

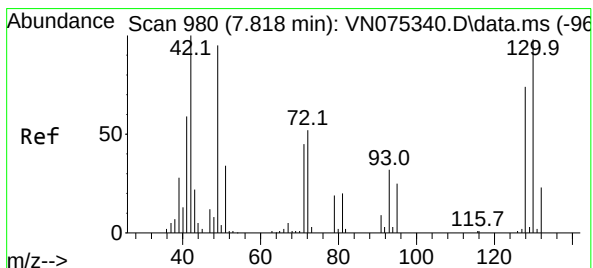
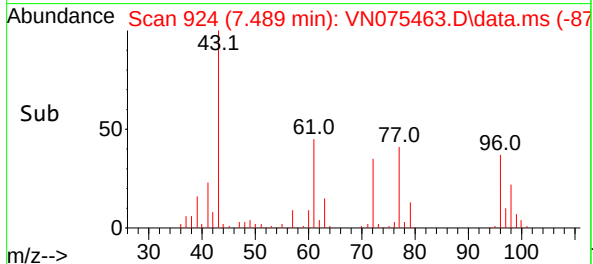
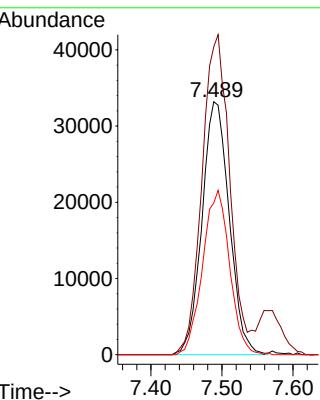
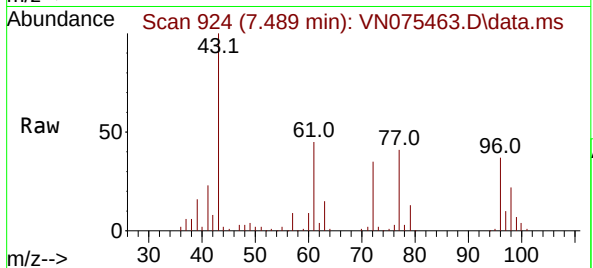
98 64.3 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#28

Bromochloromethane

Concen: 47.162 ug/l

RT: 7.818 min Scan# 980

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

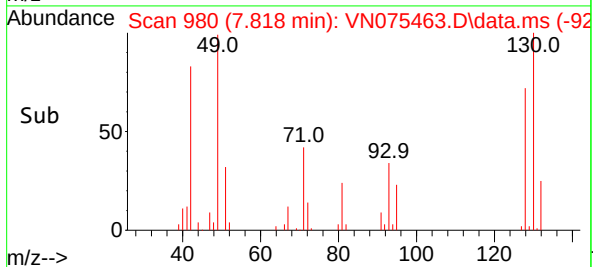
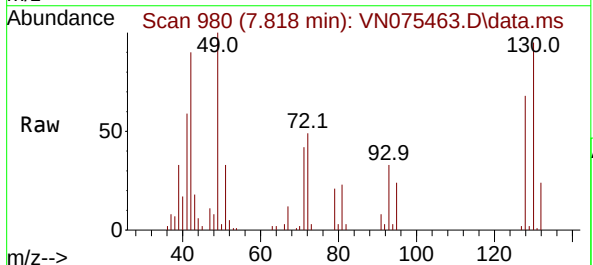
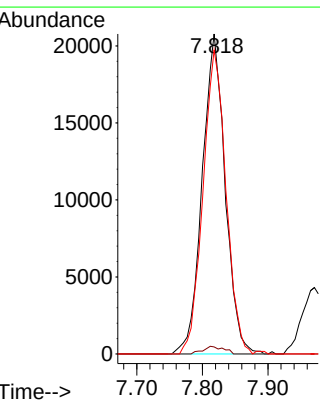
Tgt Ion: 49 Resp: 50327

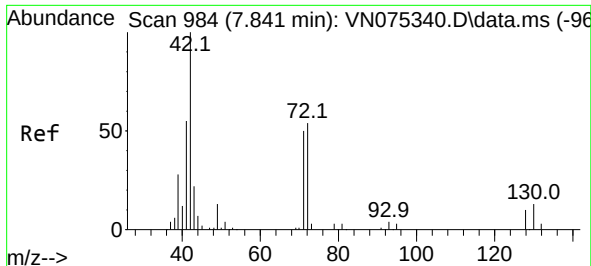
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 95.1 66.2 99.4





#29

Tetrahydrofuran

Concen: 228.611 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 14564

Ion Ratio Lower Upper

42 100

72 55.7 43.0 64.6

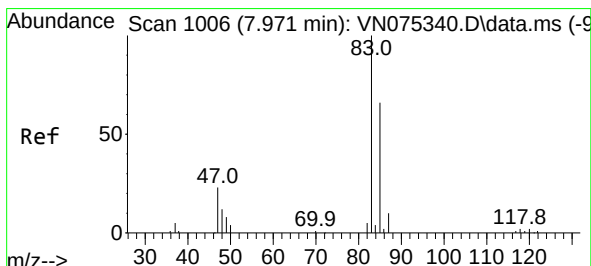
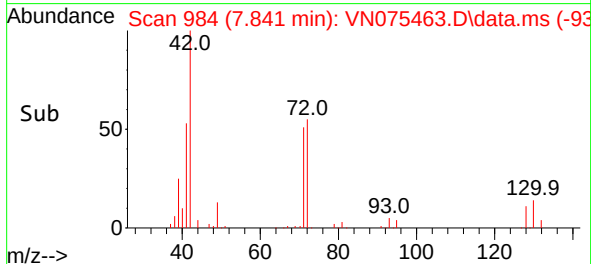
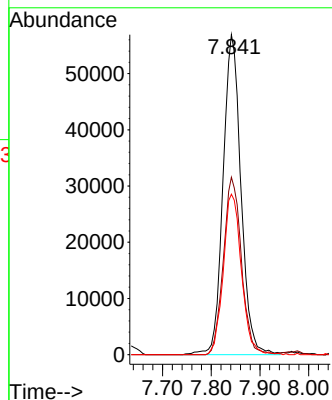
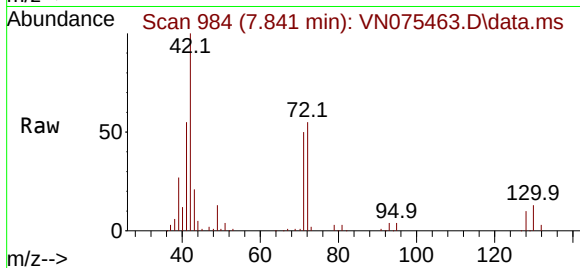
71 50.9 39.9 59.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#30

Chloroform

Concen: 48.275 ug/l

RT: 7.971 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VN075463.D

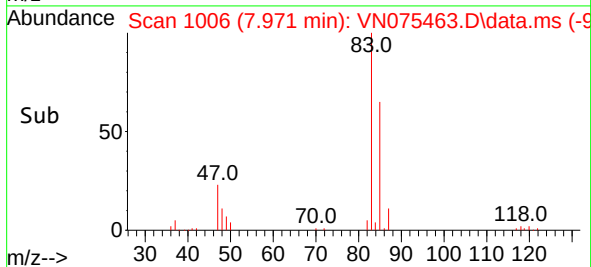
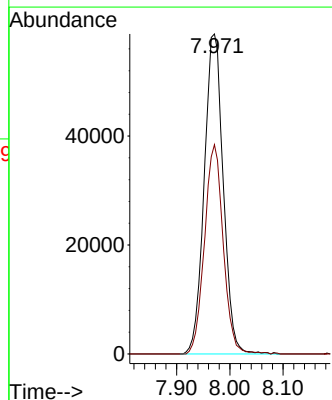
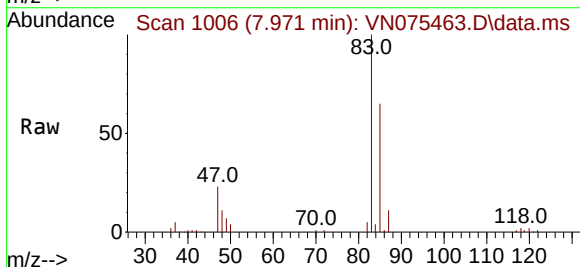
Acq: 29 Nov 2022 09:31

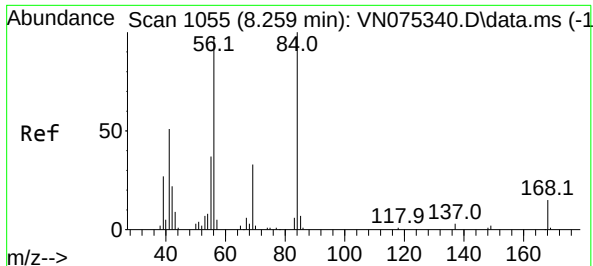
Tgt Ion: 83 Resp: 145740

Ion Ratio Lower Upper

83 100

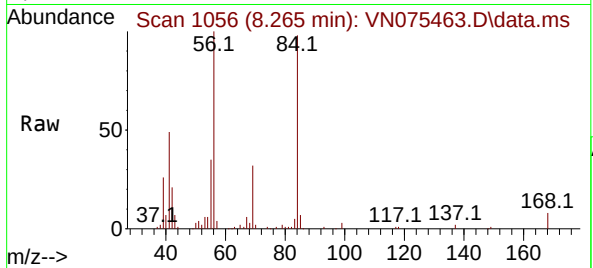
85 65.4 51.4 77.0





#31
Cyclohexane
Concen: 44.206 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

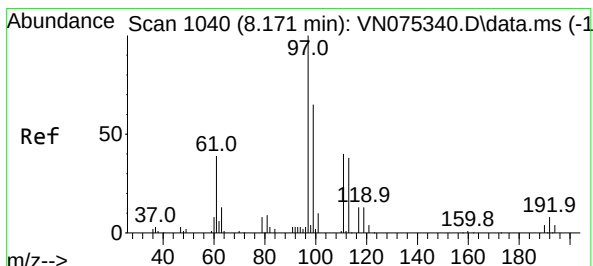
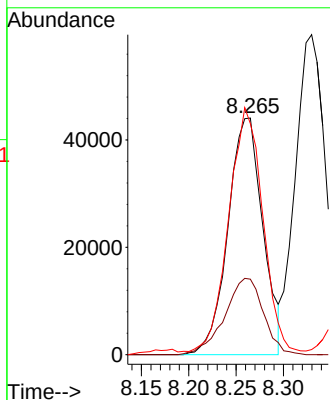
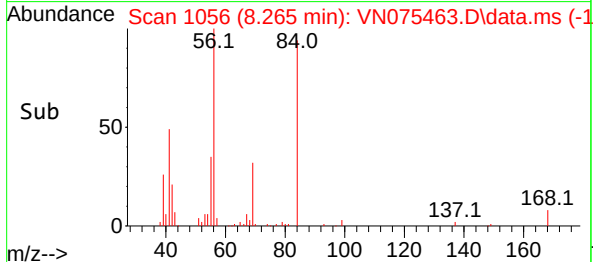
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



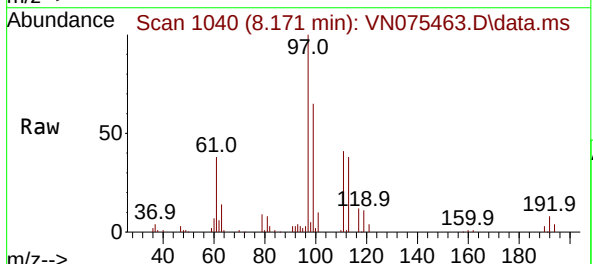
Tgt Ion: 56 Resp: 112960
Ion Ratio Lower Upper
56 100
69 31.9 25.2 37.8
84 96.6 77.8 116.8

Manual Integrations
APPROVED

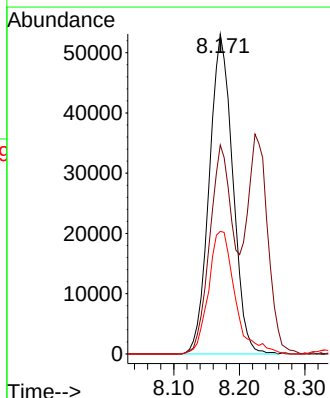
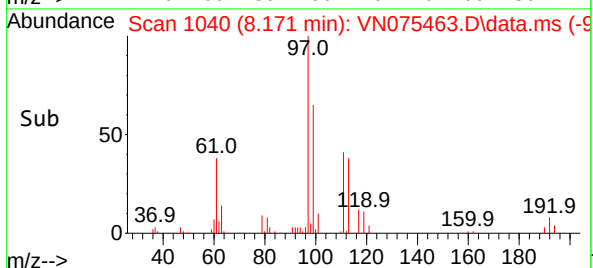
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

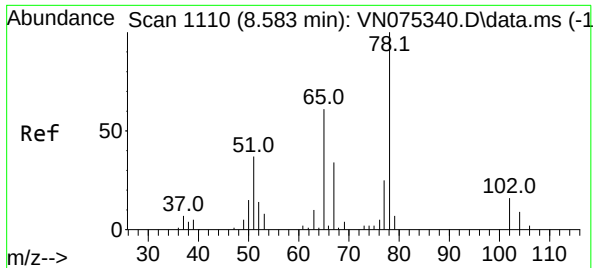


#32
1,1,1-Trichloroethane
Concen: 48.165 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



Tgt Ion: 97 Resp: 132026
Ion Ratio Lower Upper
97 100
99 65.3 50.2 75.2
61 43.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 49.042 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 3944

Ion Ratio Lower Upper

65 100

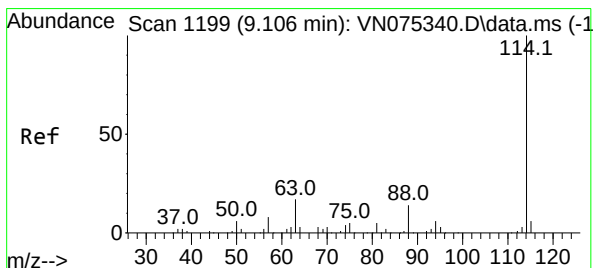
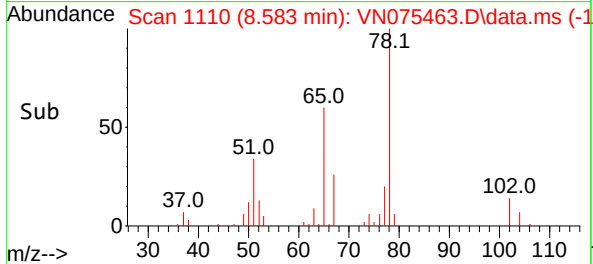
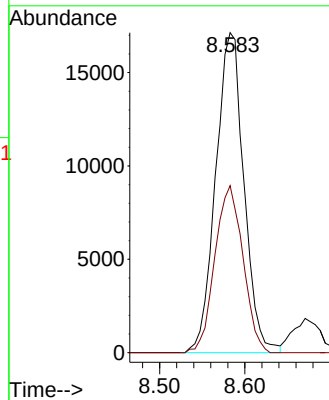
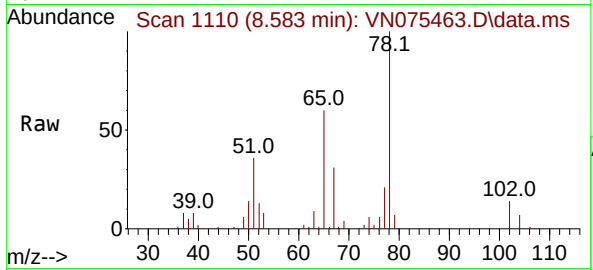
67 51.9 0.0 102.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

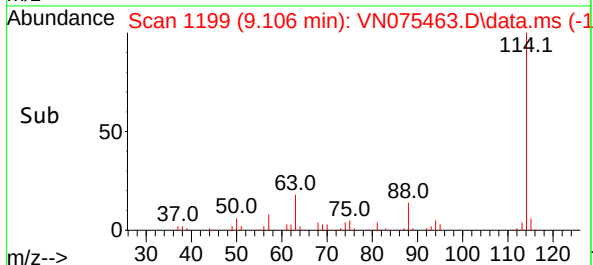
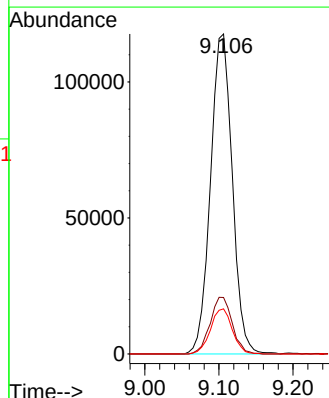
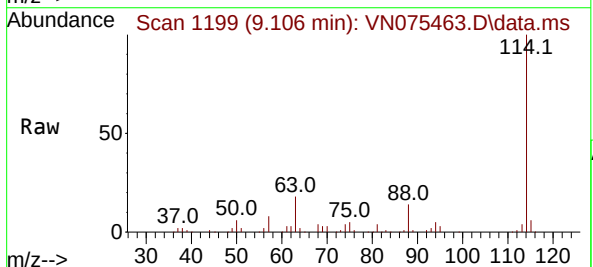
Tgt Ion:114 Resp: 240083

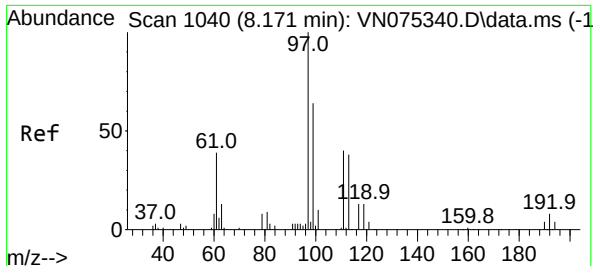
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 14.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 52.727 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 49728

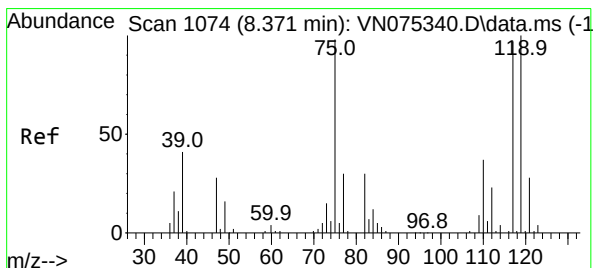
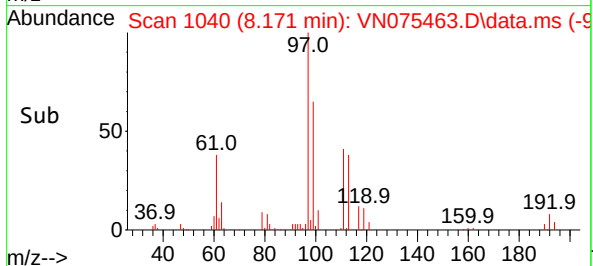
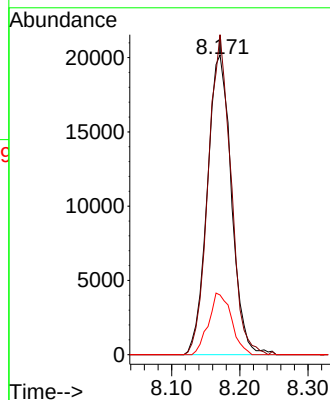
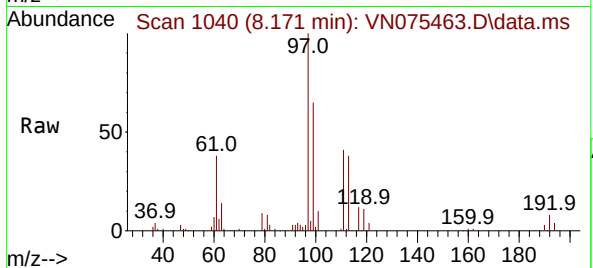
Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.5	120.7
192	19.4	13.2	19.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#36

1,1-Dichloropropene

Concen: 50.549 ug/l

RT: 8.371 min Scan# 1074

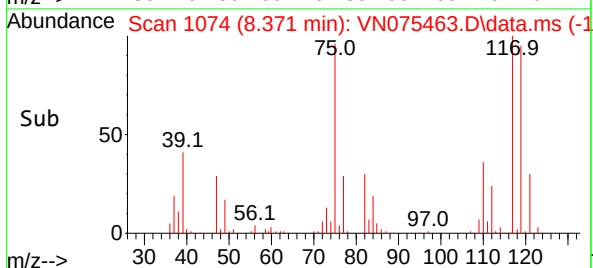
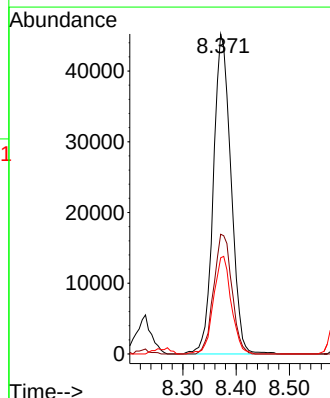
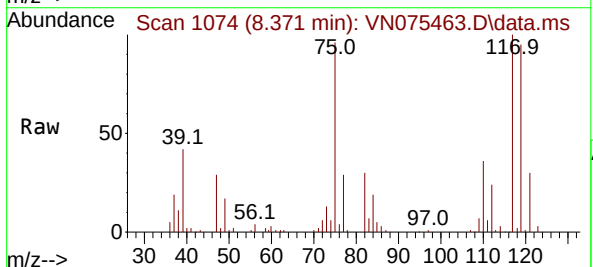
Delta R.T. -0.000 min

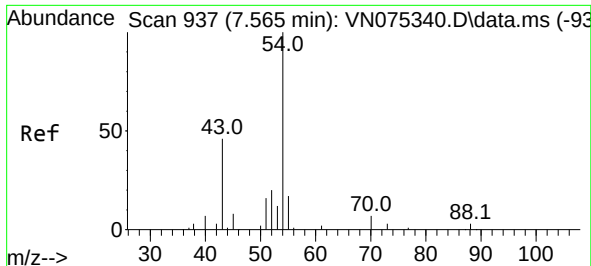
Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Tgt Ion: 75 Resp: 103967

Ion	Ratio	Lower	Upper
75	100		
110	38.6	17.8	53.3
77	30.7	24.6	37.0





#37

Ethyl Acetate

Concen: 49.452 ug/l

RT: 7.565 min Scan# 9158

Delta R.T. 0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

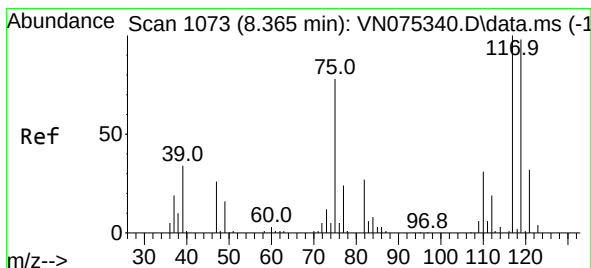
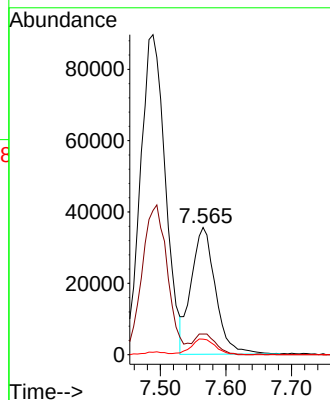
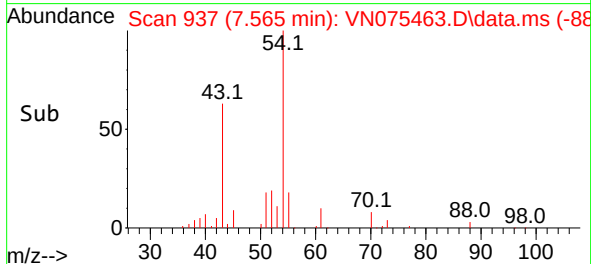
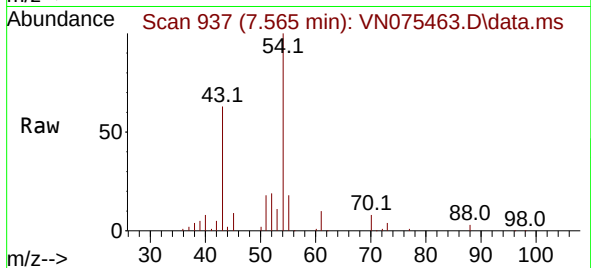
Tgt Ion:	43	Resp:	9158
Ion	Ratio	Lower	Upper
43	100		
61	13.8	12.2	18.4
70	12.5	9.4	14.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#38

Carbon Tetrachloride

Concen: 53.008 ug/l

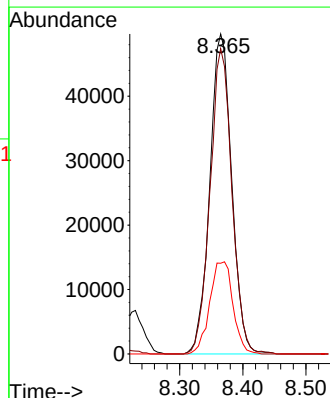
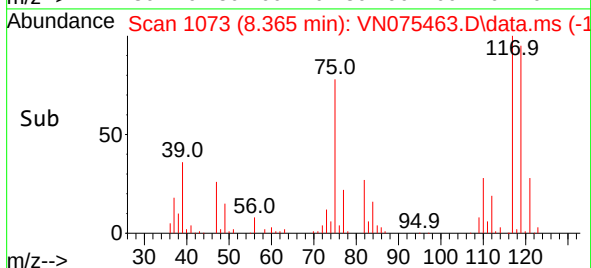
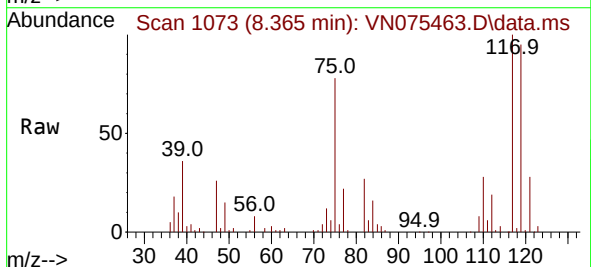
RT: 8.365 min Scan# 1073

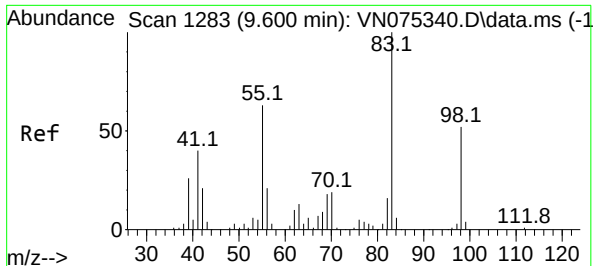
Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Tgt Ion:	117	Resp:	119763
Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.7	115.1
121	28.4	23.9	35.9





#39

Methylcyclohexane

Concen: 52.064 ug/l

RT: 9.600 min Scan# 1115

Delta R.T. 0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 134018

Ion Ratio Lower Upper

83 100

55 68.1 53.6 80.4

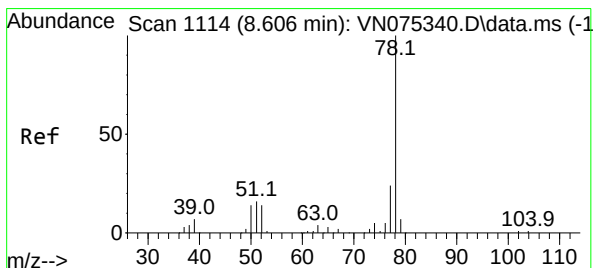
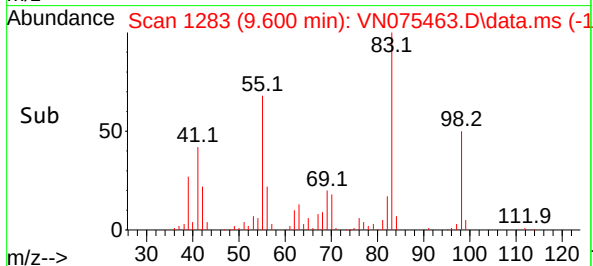
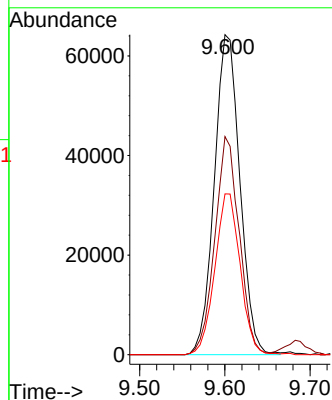
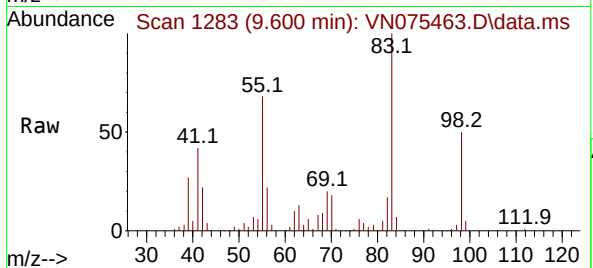
98 50.2 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#40

Benzene

Concen: 50.471 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. 0.006 min

Lab File: VN075463.D

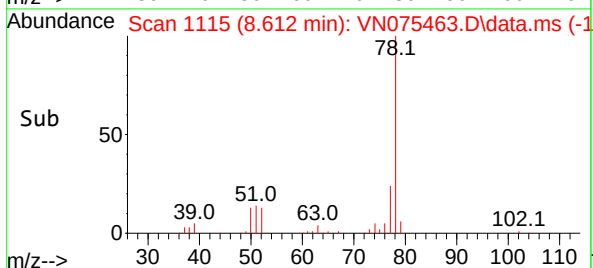
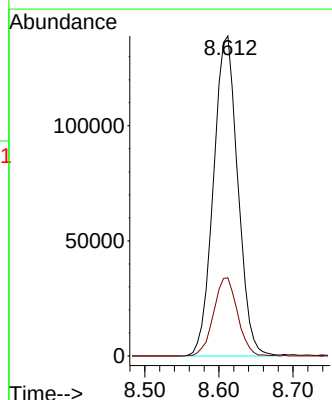
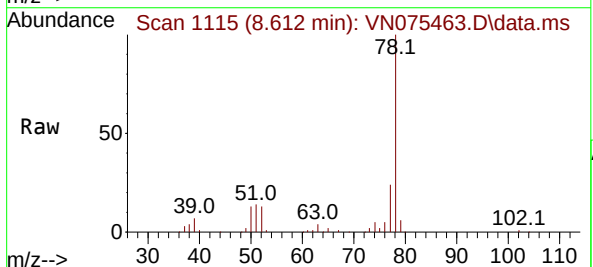
Acq: 29 Nov 2022 09:31

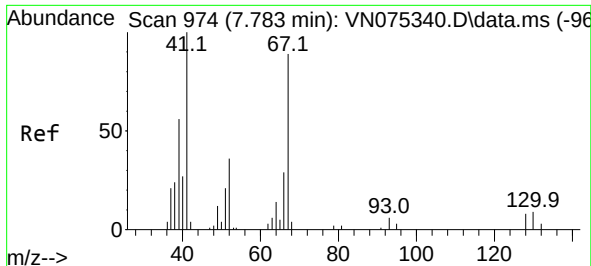
Tgt Ion: 78 Resp: 317821

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0





#41
Methacrylonitrile
Concen: 51.615 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

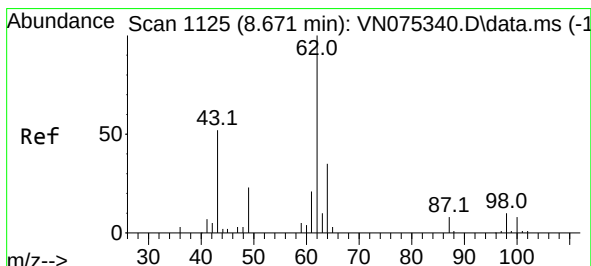
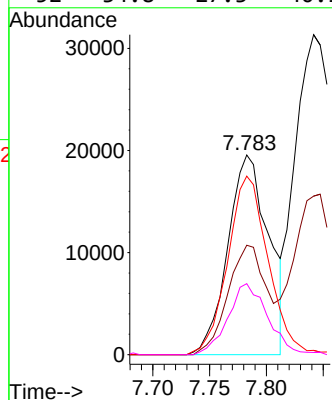
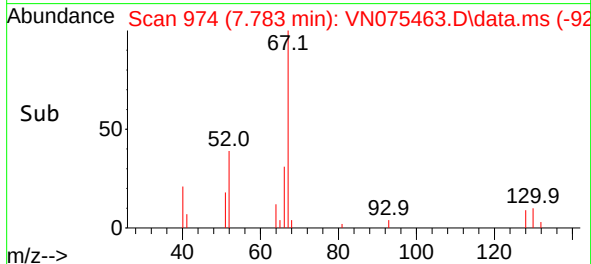
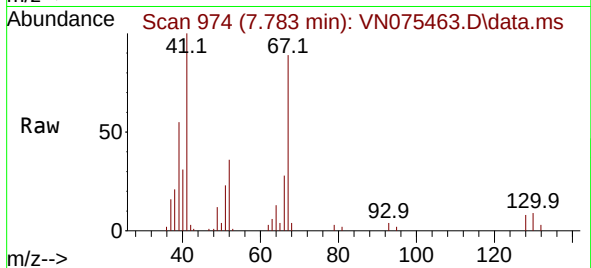
VSTDCCC050

Tgt Ion: 41 Resp: 48870
Ion Ratio Lower Upper
41 100
39 50.8 44.4 66.6
67 89.0 69.8 104.6
52 34.8 27.3 40.9

Manual Integrations

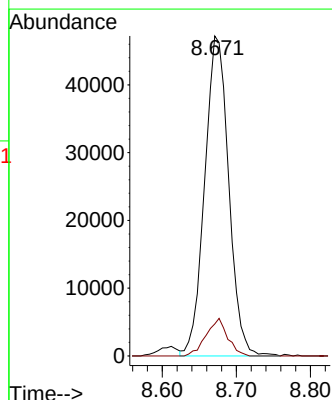
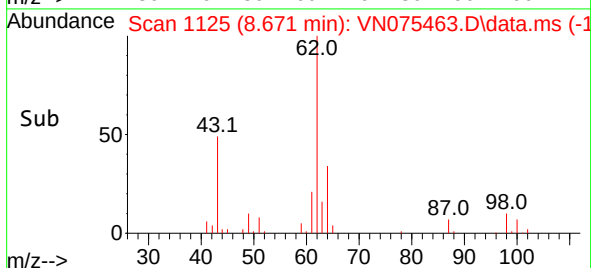
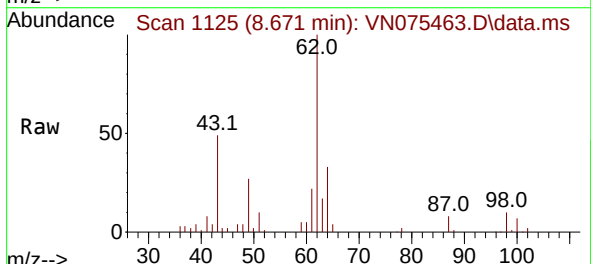
APPROVED

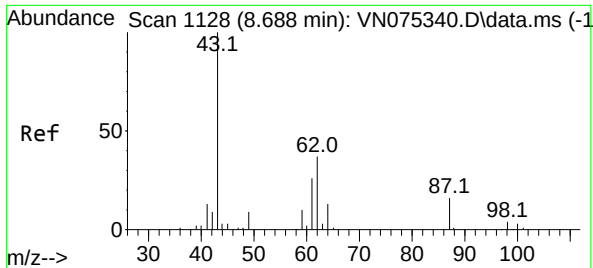
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#42
1,2-Dichloroethane
Concen: 50.490 ug/l
RT: 8.671 min Scan# 1125
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

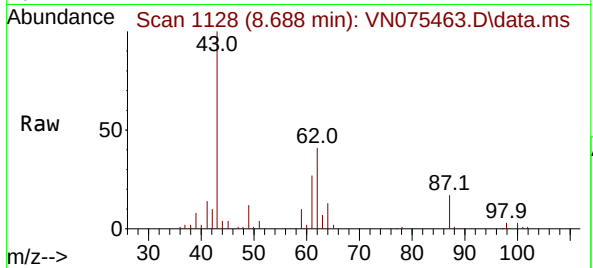
Tgt Ion: 62 Resp: 106483
Ion Ratio Lower Upper
62 100
98 10.4 0.0 18.2





#43
Isopropyl Acetate
Concen: 50.426 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

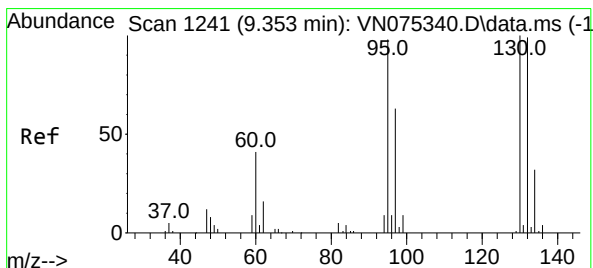
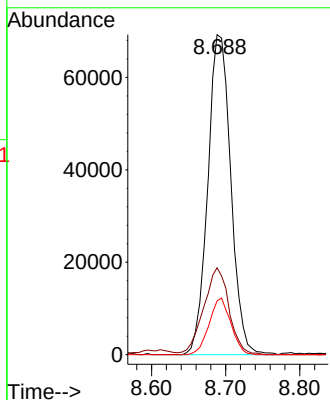
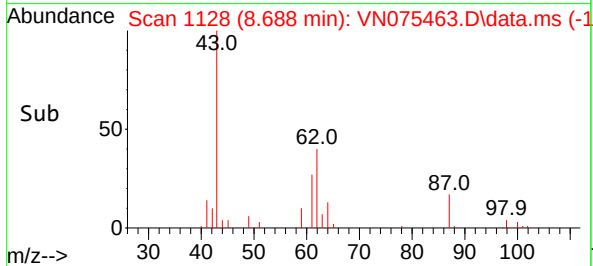
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



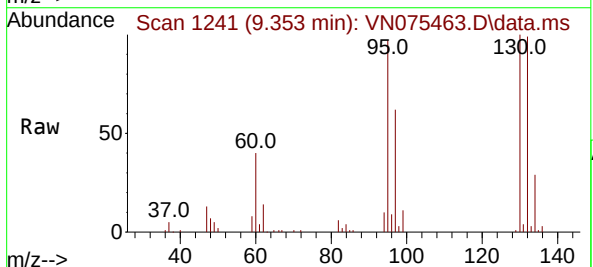
Tgt Ion: 43 Resp: 149890
Ion Ratio Lower Upper
43 100
61 29.9 22.4 33.6
87 16.6 12.5 18.7

Manual Integrations
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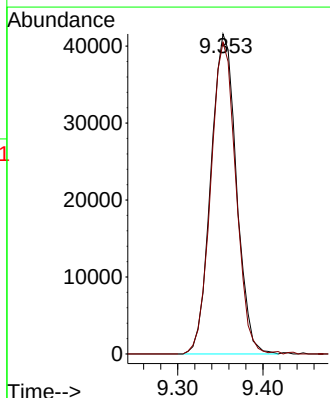
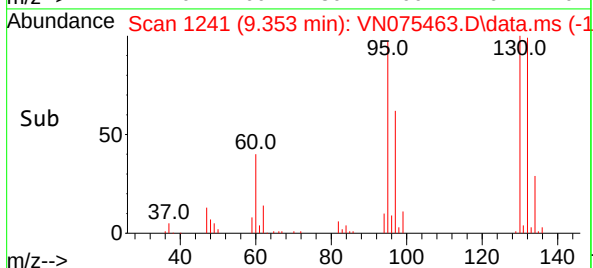
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

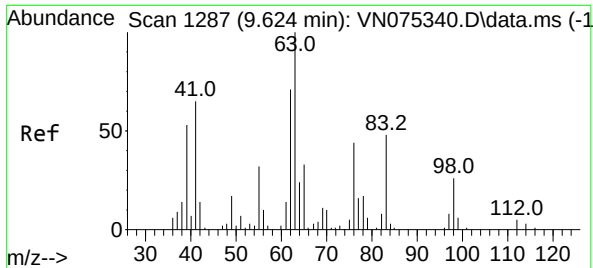


#44
Trichloroethene
Concen: 50.159 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



Tgt Ion:130 Resp: 86426
Ion Ratio Lower Upper
130 100
95 97.4 0.0 198.4





#45

1,2-Dichloropropane

Concen: 51.277 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 7694

Ion Ratio Lower Upper

63 100

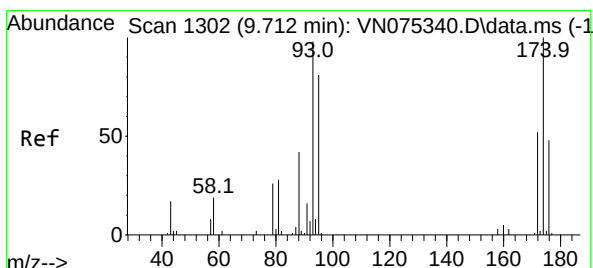
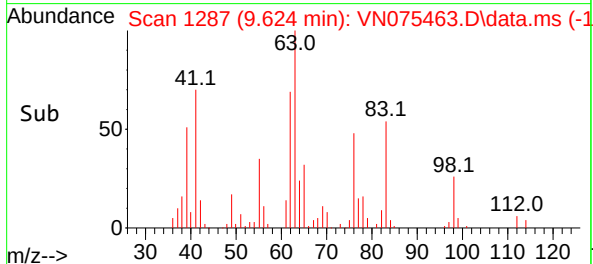
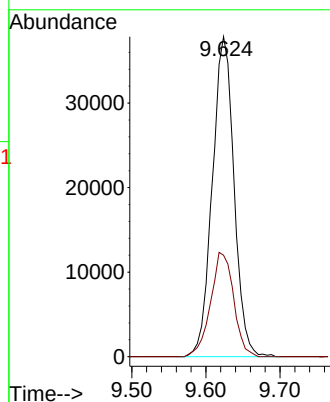
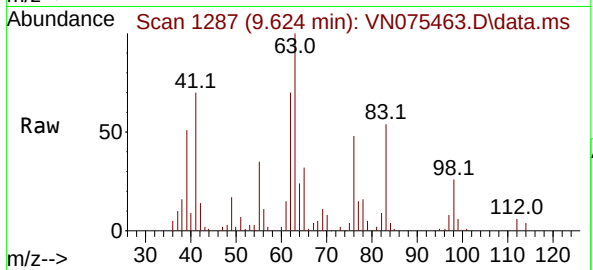
65 31.7 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#46

Dibromomethane

Concen: 51.301 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

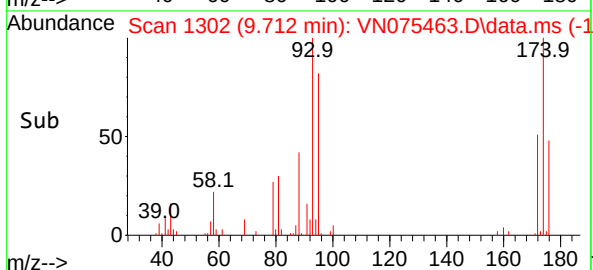
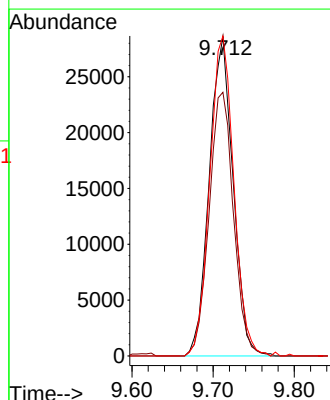
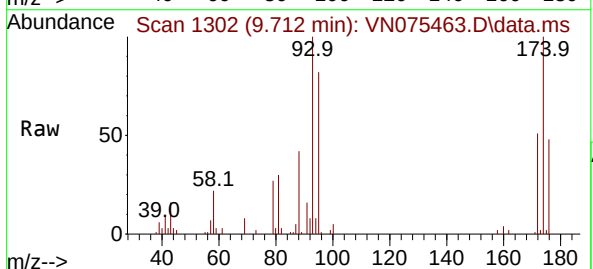
Tgt Ion: 93 Resp: 58229

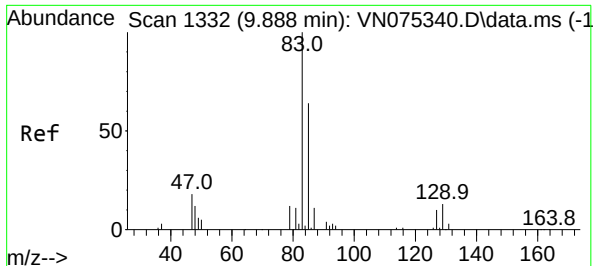
Ion Ratio Lower Upper

93 100

95 84.9 66.6 99.8

174 101.2 70.3 105.5





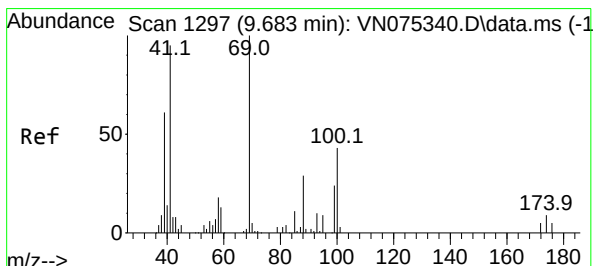
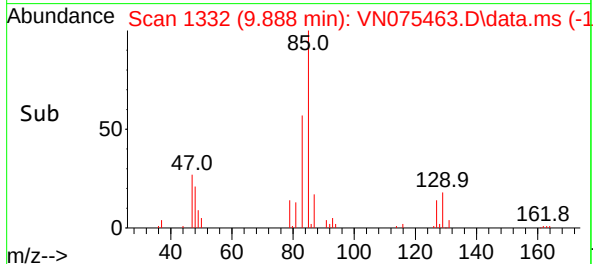
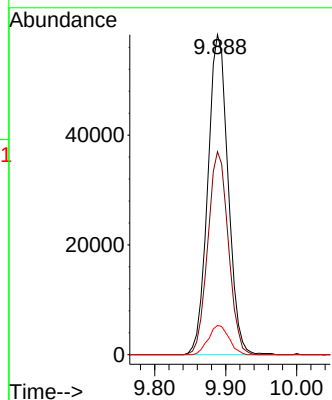
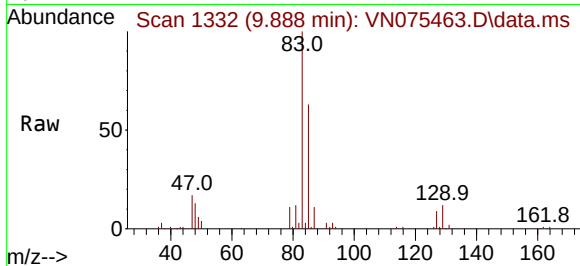
#47
Bromodichloromethane
Concen: 52.565 ug/l
RT: 9.888 min Scan# 11554
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 11554
Ion Ratio Lower Upper
83 100
85 63.4 52.1 78.1
127 9.1 6.6 10.0

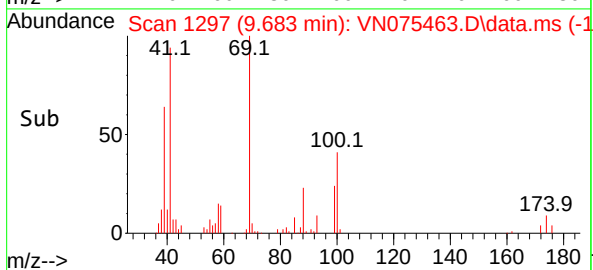
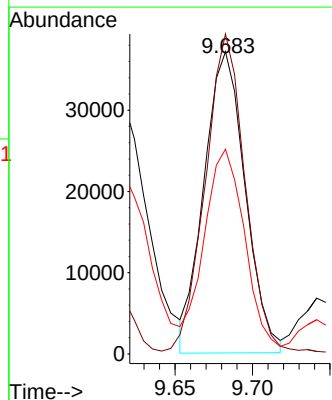
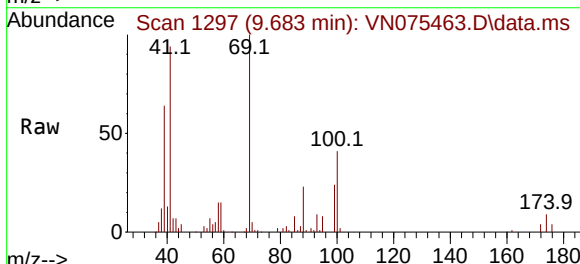
Manual Integrations
APPROVED

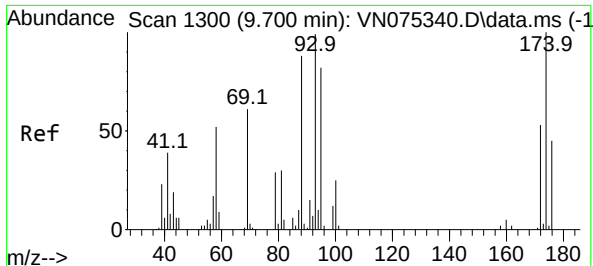
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#48
Methyl methacrylate
Concen: 49.839 ug/l
RT: 9.683 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 41 Resp: 68504
Ion Ratio Lower Upper
41 100
69 104.2 80.2 120.2
39 67.8 56.2 84.2





#49

1,4-Dioxane

Concen: 963.641 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 3761

Ion Ratio Lower Upper

88 100

43 21.5 17.5 26.3

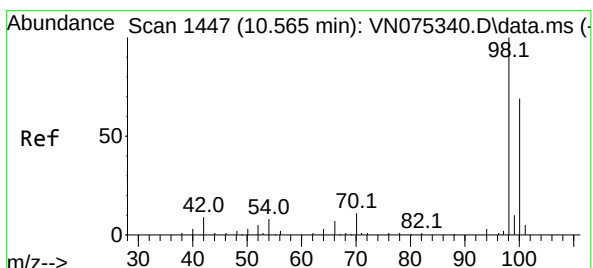
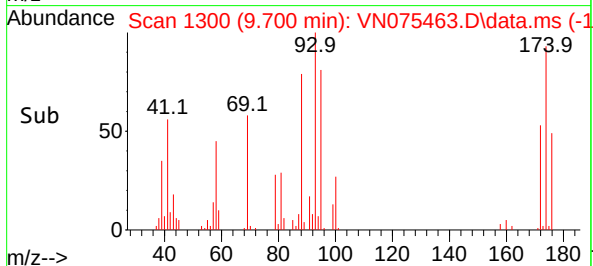
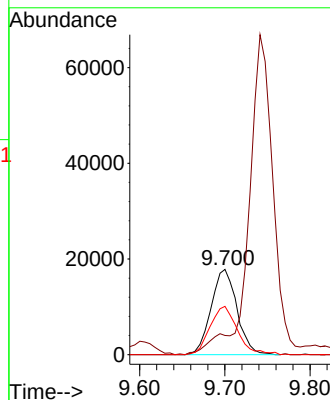
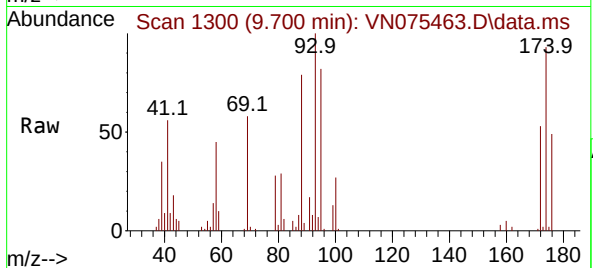
58 60.4 49.8 74.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#50

Toluene-d8

Concen: 52.773 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN075463.D

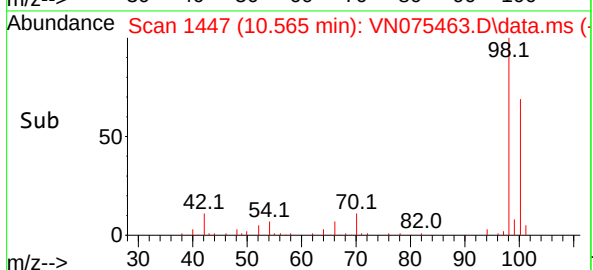
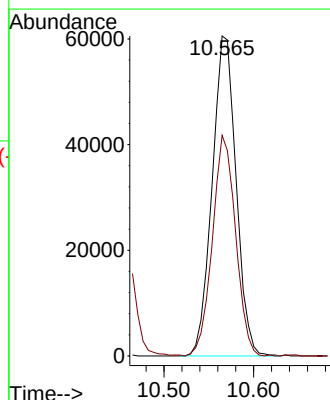
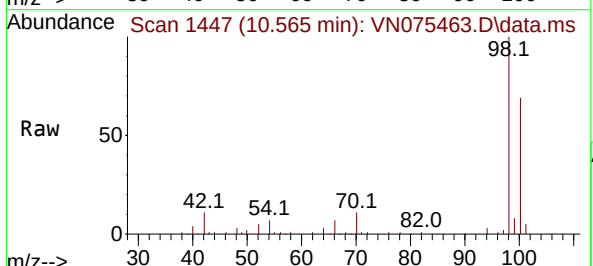
Acq: 29 Nov 2022 09:31

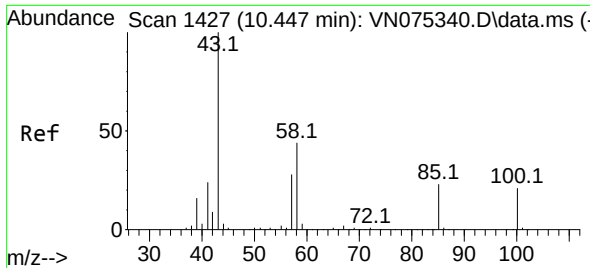
Tgt Ion: 98 Resp: 112099

Ion Ratio Lower Upper

98 100

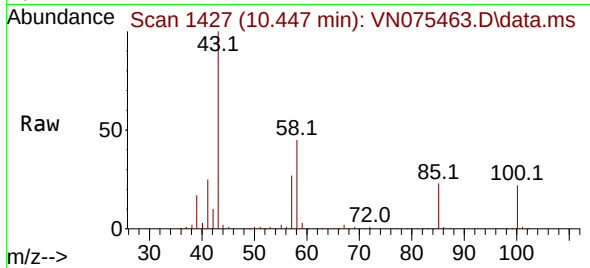
100 66.8 53.0 79.6





#51
4-Methyl-2-Pentanone
Concen: 250.106 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

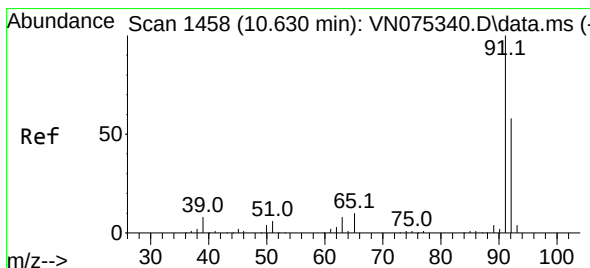
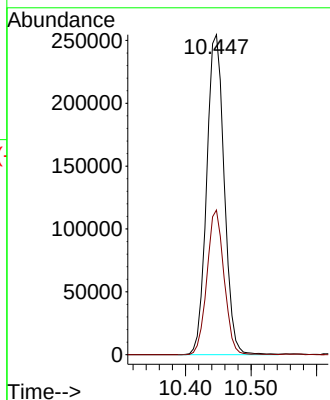
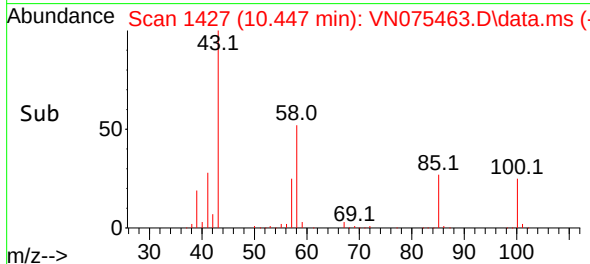
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 473528
Ion Ratio Lower Upper
43 100
58 44.1 33.6 50.4

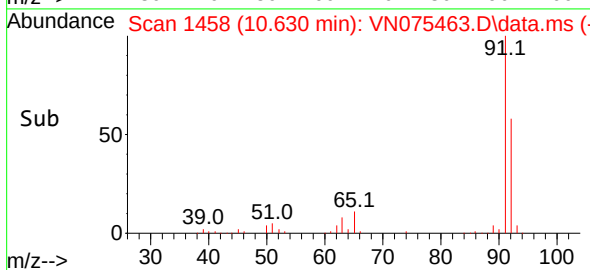
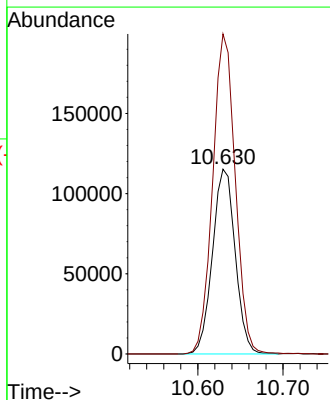
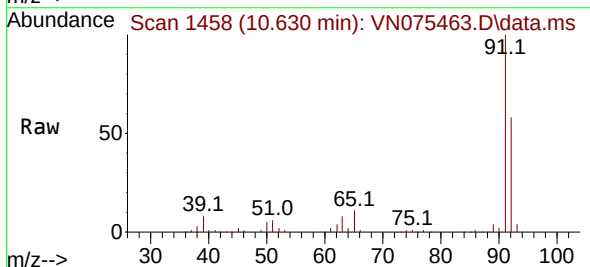
Manual Integrations
APPROVED

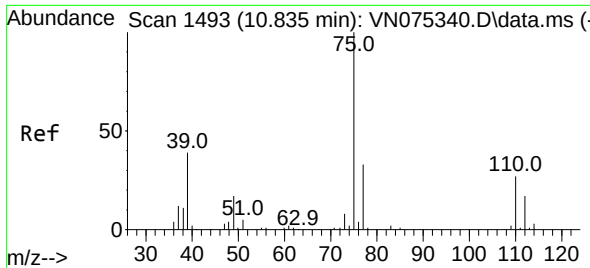
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#52
Toluene
Concen: 52.732 ug/l
RT: 10.630 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

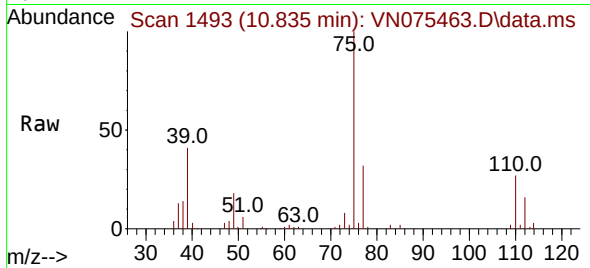
Tgt Ion: 92 Resp: 213981
Ion Ratio Lower Upper
92 100
91 172.2 135.4 203.2





#53
t-1,3-Dichloropropene
Concen: 53.567 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

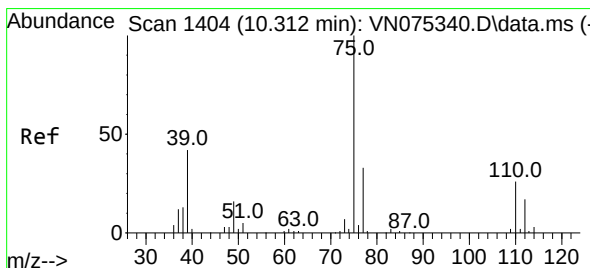
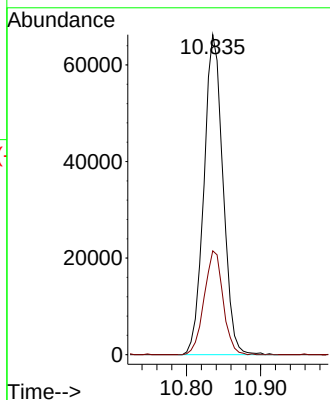
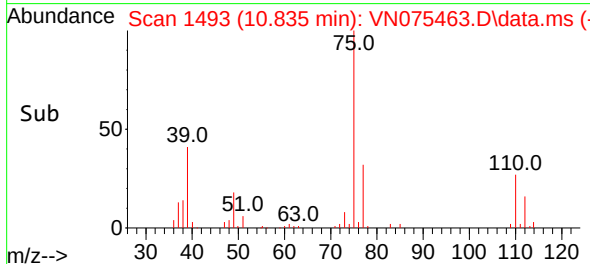
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



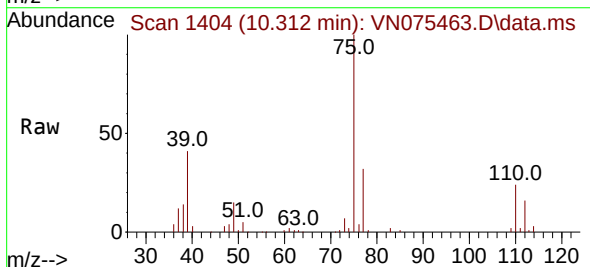
Tgt Ion: 75 Resp: 118209
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.2

Manual Integrations
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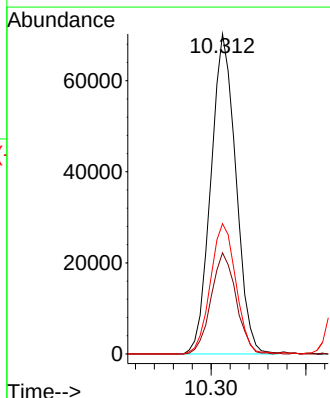
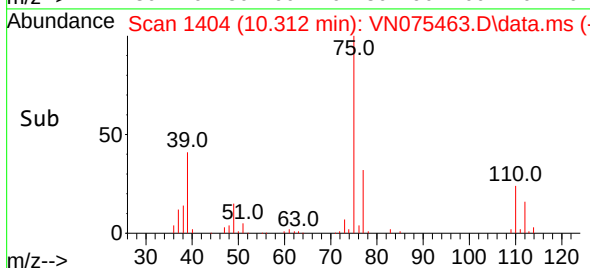
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

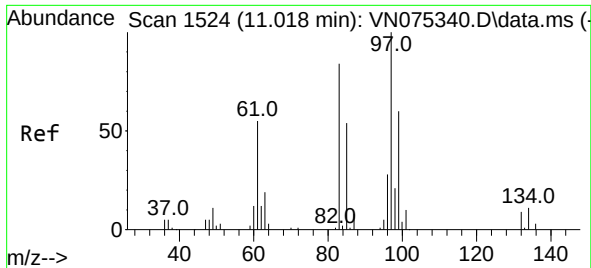


#54
cis-1,3-Dichloropropene
Concen: 53.721 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



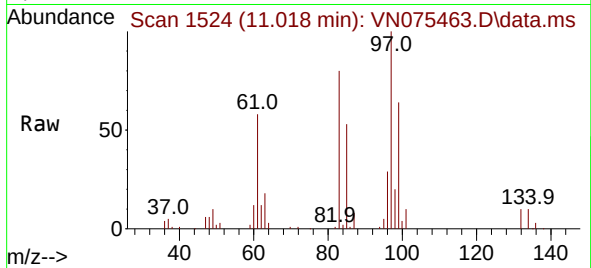
Tgt Ion: 75 Resp: 128752
Ion Ratio Lower Upper
75 100
77 31.6 23.7 35.5
39 40.7 35.8 53.6





#55
1,1,2-Trichloroethane
Concen: 51.397 ug/l
RT: 11.018 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

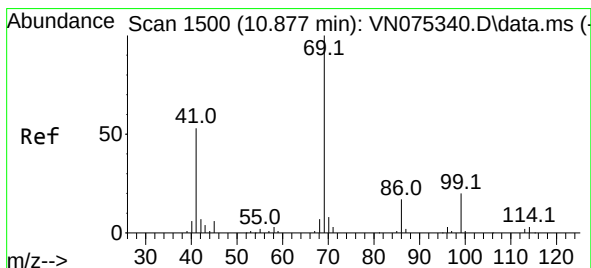
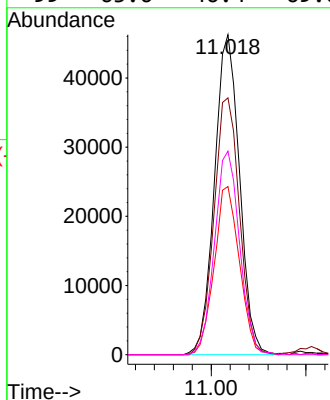
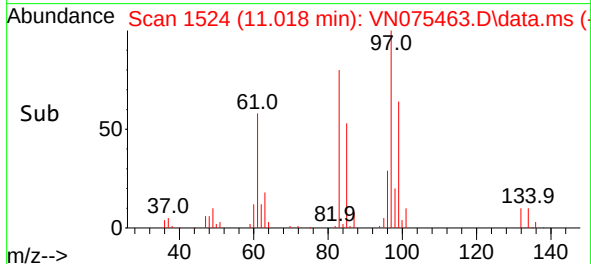
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 84940
Ion Ratio Lower Upper
97 100
83 80.3 65.9 98.9
85 52.6 40.4 60.6
99 63.6 46.4 69.6

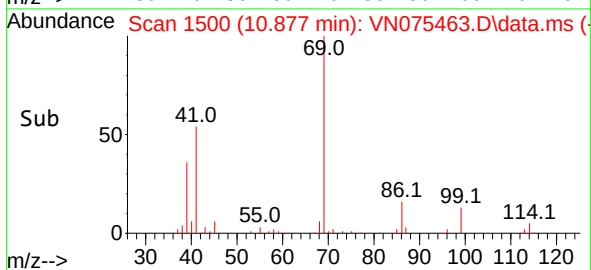
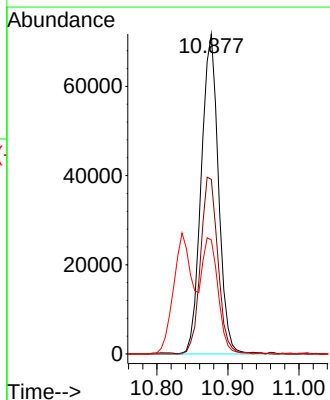
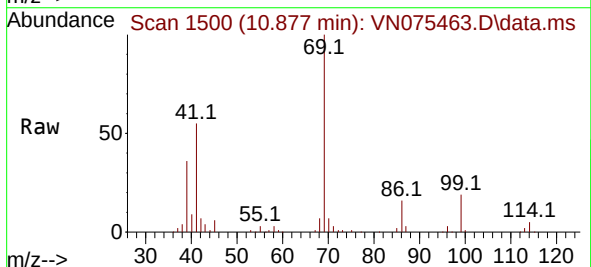
Manual Integrations
APPROVED

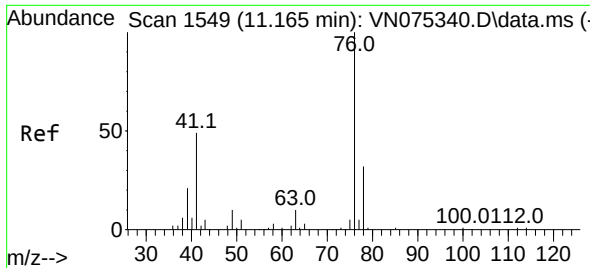
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#56
Ethyl methacrylate
Concen: 54.368 ug/l
RT: 10.877 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

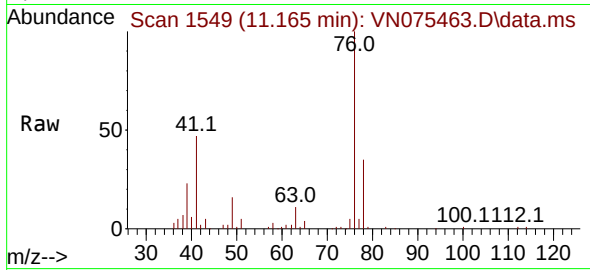
Tgt Ion: 69 Resp: 121350
Ion Ratio Lower Upper
69 100
41 55.9 45.6 68.4
39 32.7 28.5 42.7





#57
1,3-Dichloropropane
Concen: 50.755 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

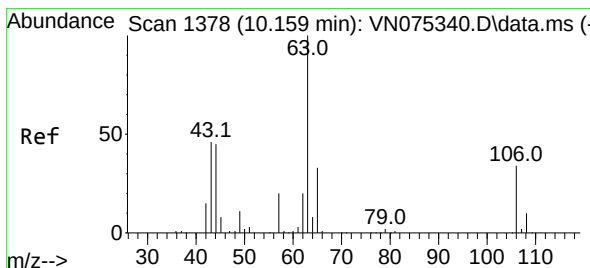
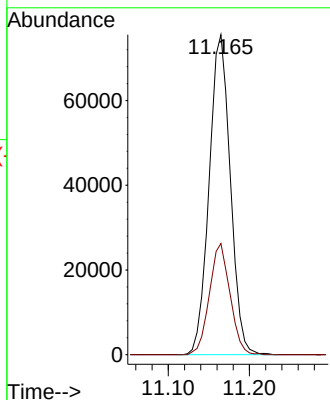
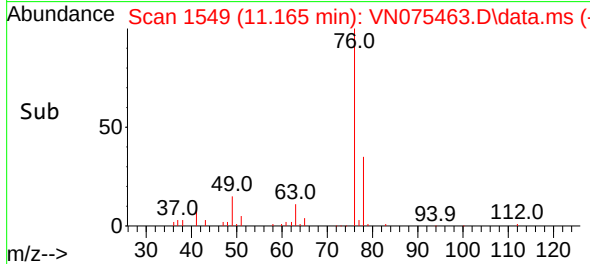
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 136778
Ion Ratio Lower Upper
76 100
78 33.9 25.8 38.6

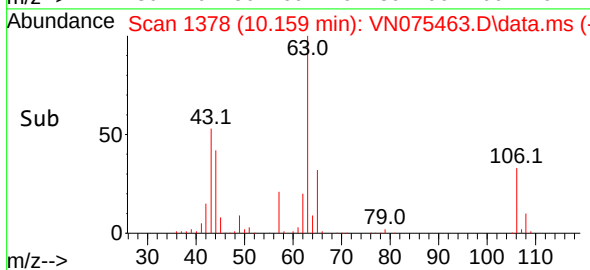
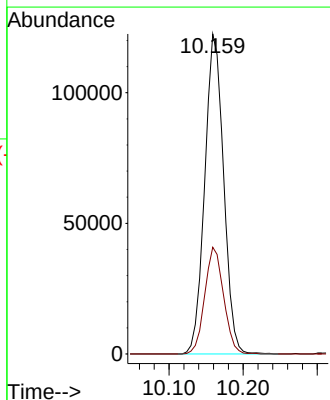
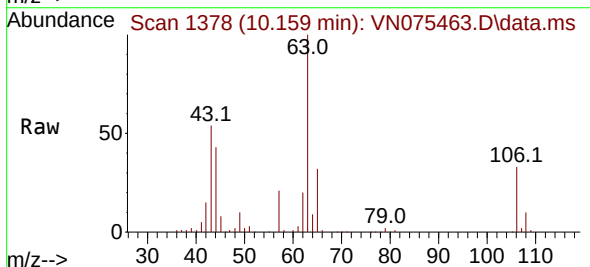
Manual Integrations
APPROVED

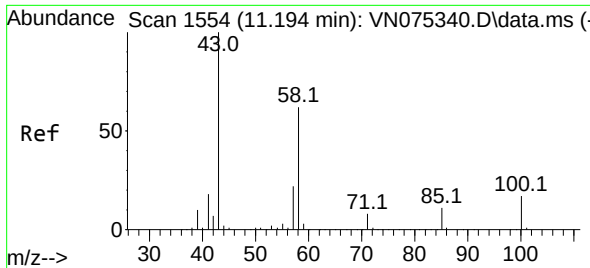
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#58
2-Chloroethyl Vinyl ether
Concen: 269.077 ug/l
RT: 10.159 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 63 Resp: 216604
Ion Ratio Lower Upper
63 100
106 33.2 24.8 37.2





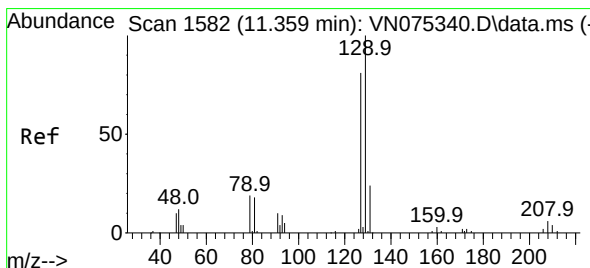
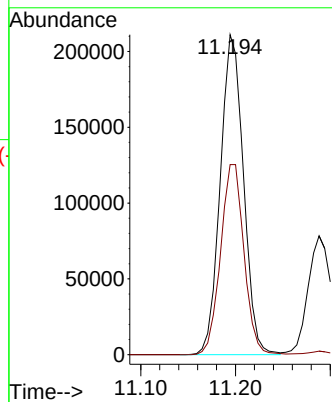
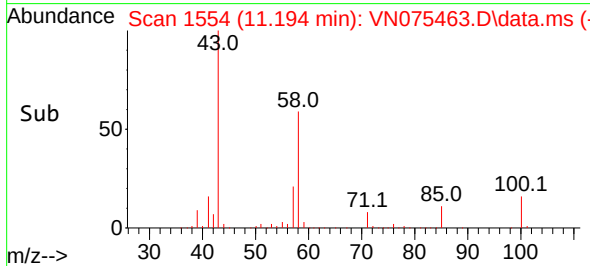
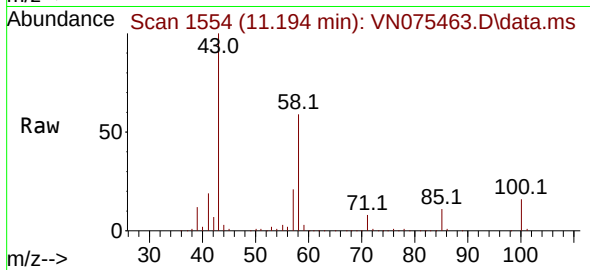
#59
2-Hexanone
Concen: 252.489 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 358962
Ion Ratio Lower Upper
43 100
58 60.1 29.6 88.8

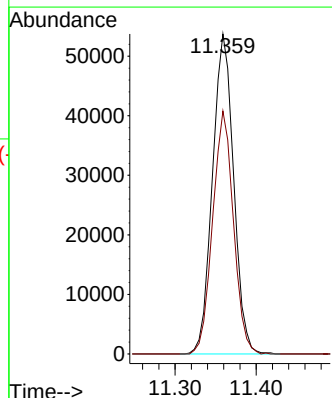
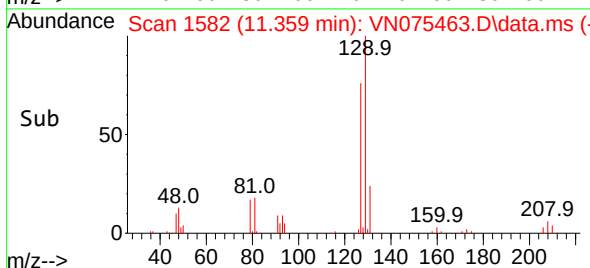
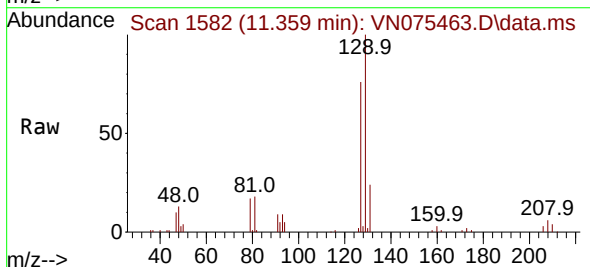
Manual Integrations
APPROVED

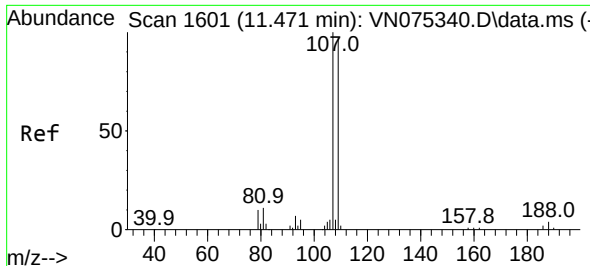
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#60
Dibromochloromethane
Concen: 57.332 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

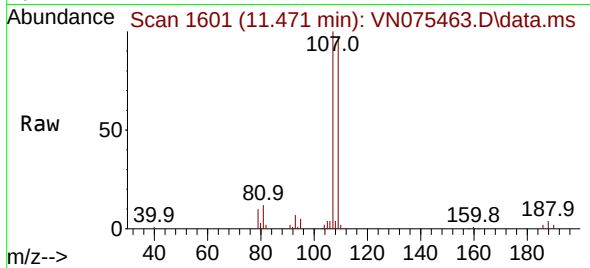
Tgt Ion:129 Resp: 97263
Ion Ratio Lower Upper
129 100
127 74.6 38.6 115.8





#61
1,2-Dibromoethane
Concen: 51.310 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

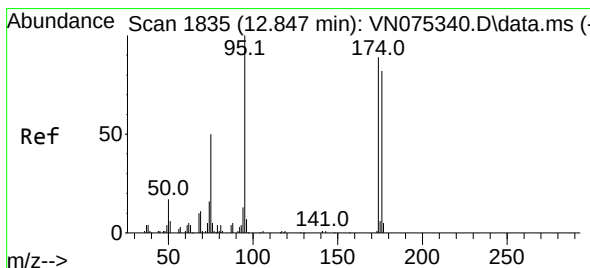
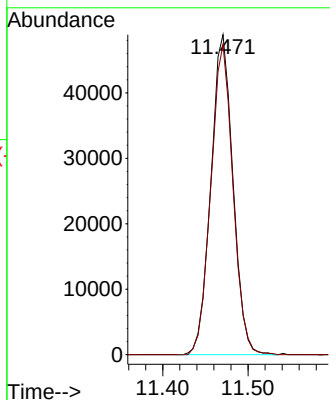
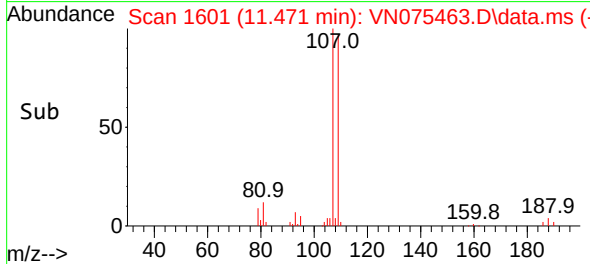
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



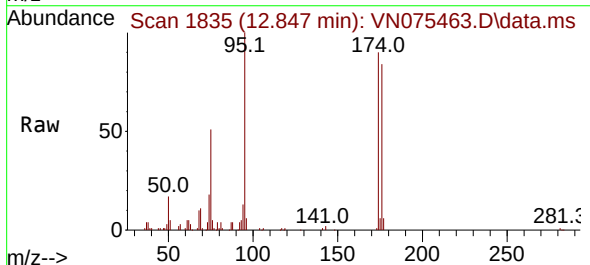
Tgt Ion:107 Resp: 88019
Ion Ratio Lower Upper
107 100
109 96.8 75.6 113.4

Manual Integrations
APPROVED

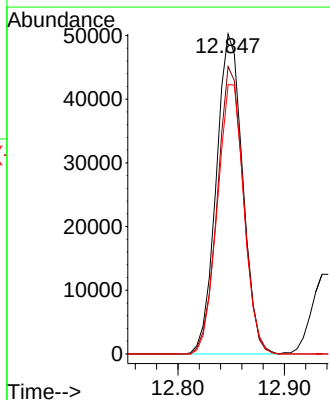
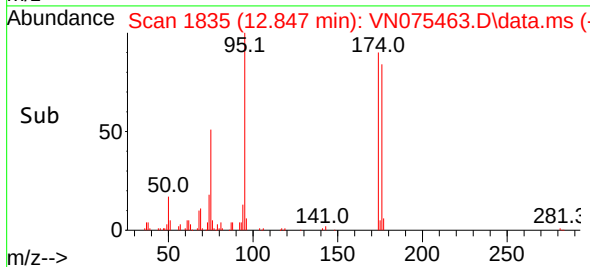
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

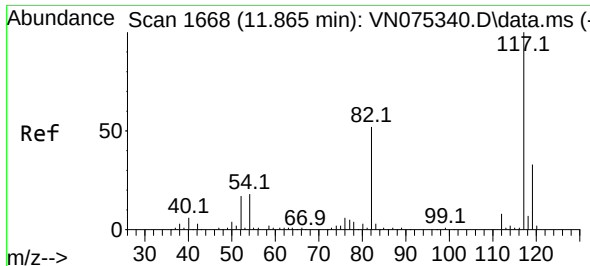


#62
4-Bromofluorobenzene
Concen: 55.142 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



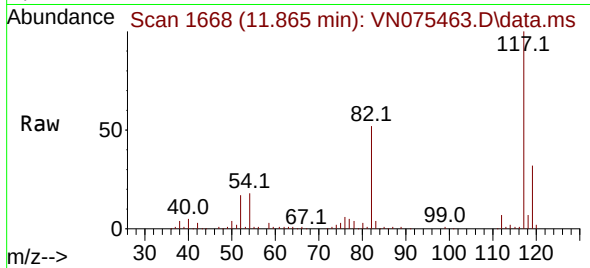
Tgt Ion: 95 Resp: 86456
Ion Ratio Lower Upper
95 100
174 88.4 0.0 147.4
176 85.0 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

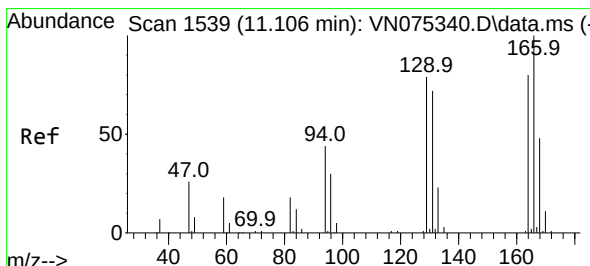
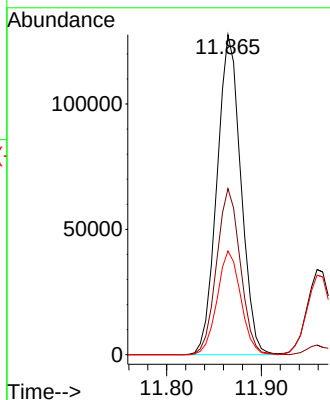
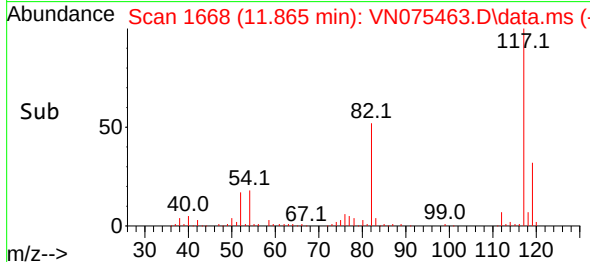
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 22421
Ion Ratio Lower Upper
117 100
82 51.9 43.1 64.7
119 32.4 25.5 38.3

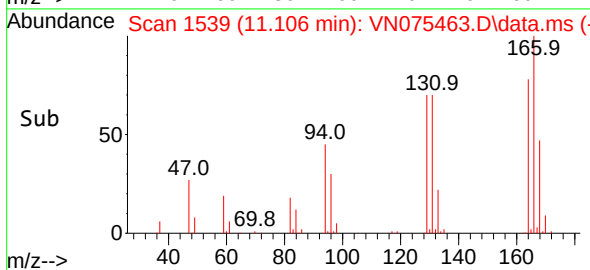
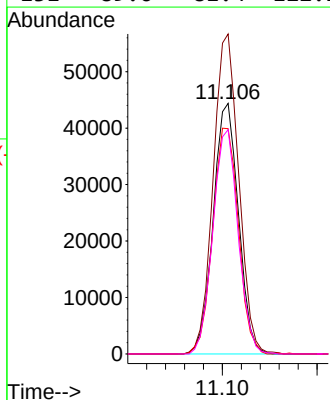
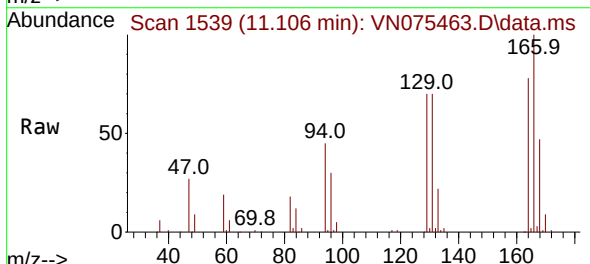
Manual Integrations
APPROVED

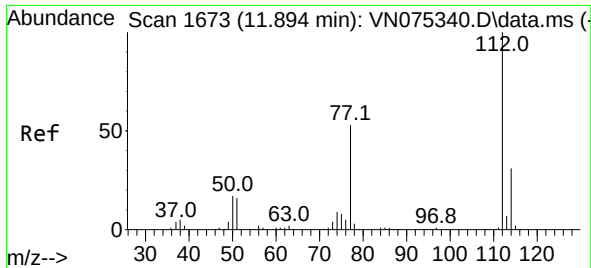
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#64
Tetrachloroethene
Concen: 47.971 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

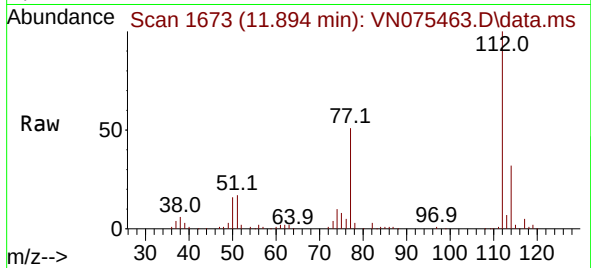
Tgt Ion:164 Resp: 82136
Ion Ratio Lower Upper
164 100
166 127.7 106.5 159.7
129 89.9 81.9 122.9
131 89.6 81.4 122.2





#65
Chlorobenzene
Concen: 50.127 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

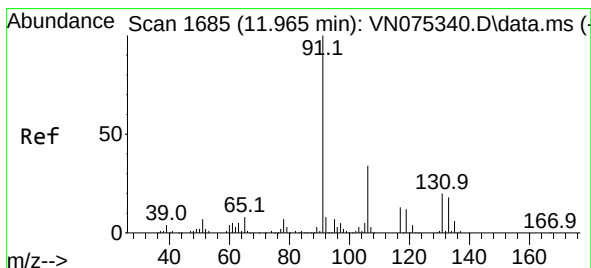
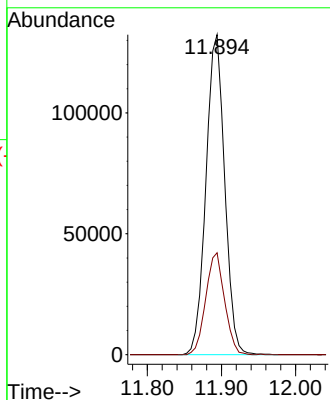
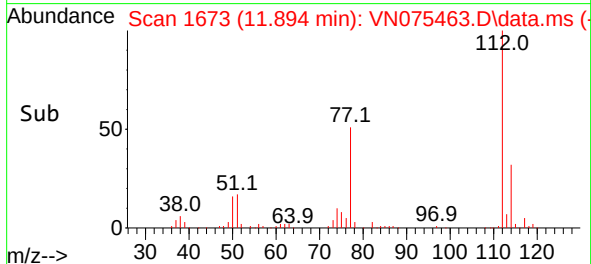
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



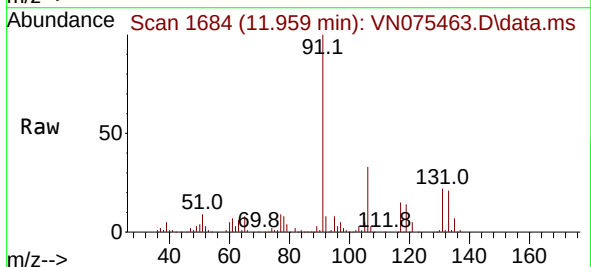
Tgt Ion:112 Resp: 232100
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

Manual Integrations
APPROVED

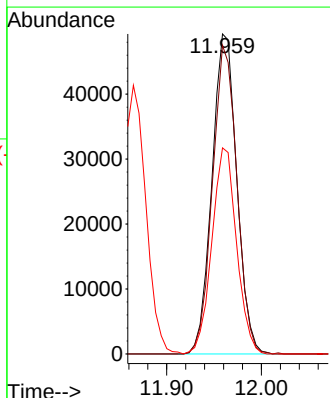
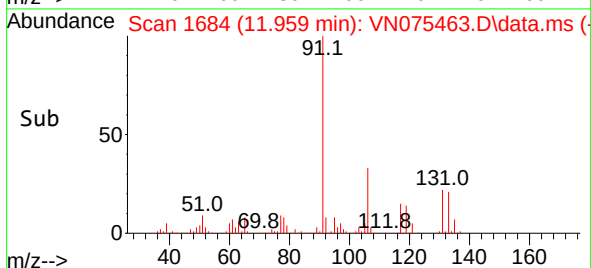
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

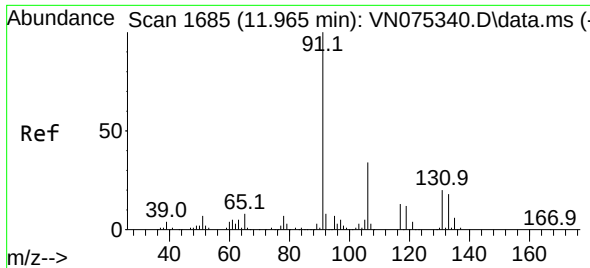


#66
1,1,1,2-Tetrachloroethane
Concen: 51.905 ug/l
RT: 11.959 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



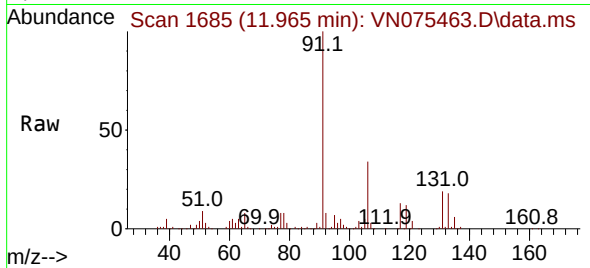
Tgt Ion:131 Resp: 89700
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.4
119 64.0 33.0 99.0





#67
Ethyl Benzene
Concen: 52.636 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

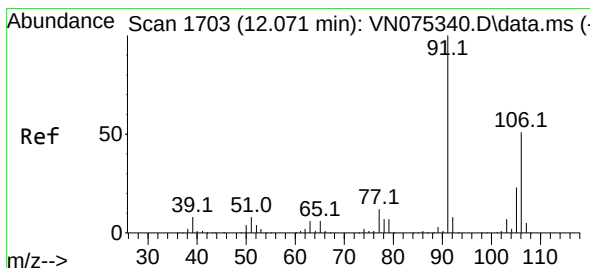
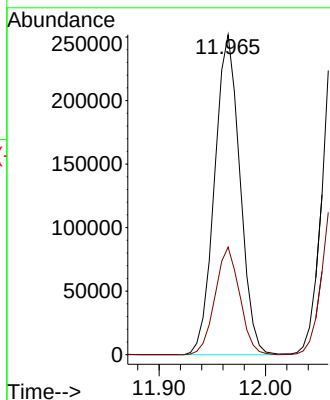
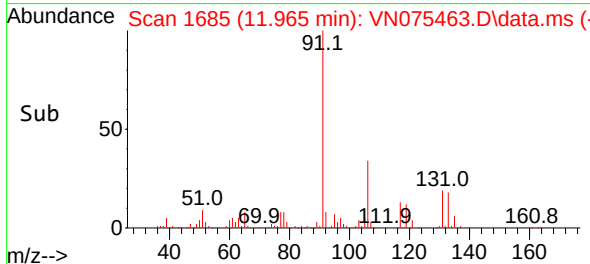
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



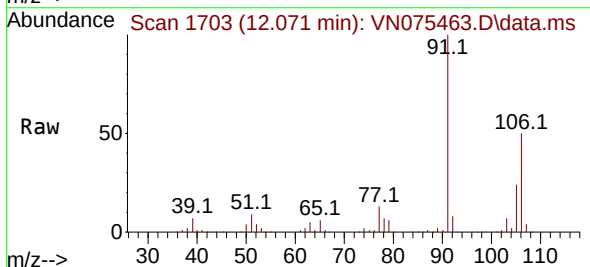
Tgt Ion: 91 Resp: 41580
Ion Ratio Lower Upper
91 100
106 33.6 24.9 37.3

Manual Integrations
APPROVED

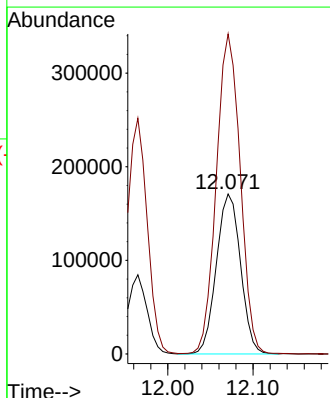
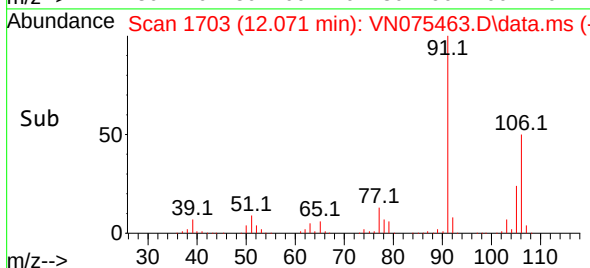
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

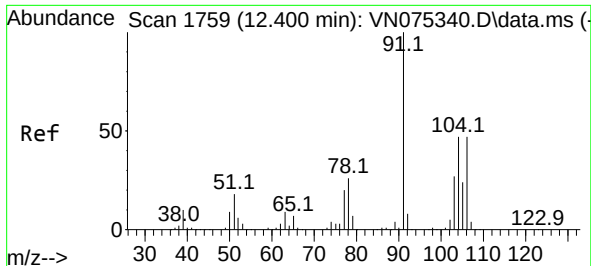


#68
m/p-Xylenes
Concen: 105.005 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



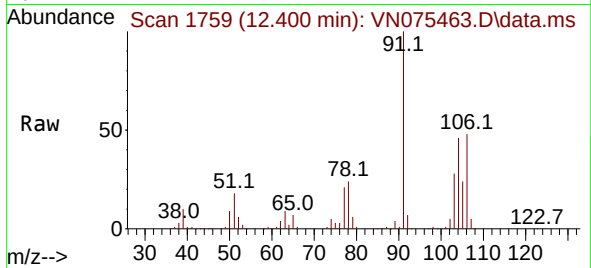
Tgt Ion:106 Resp: 336851
Ion Ratio Lower Upper
106 100
91 198.2 156.0 234.0





#69
o-Xylene
Concen: 51.746 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

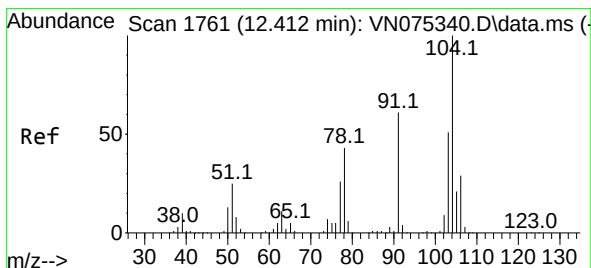
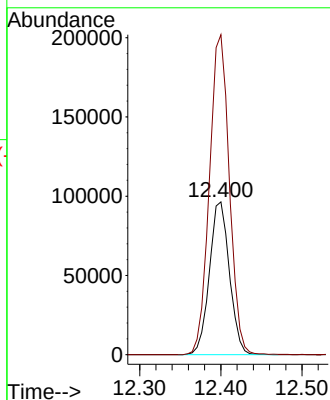
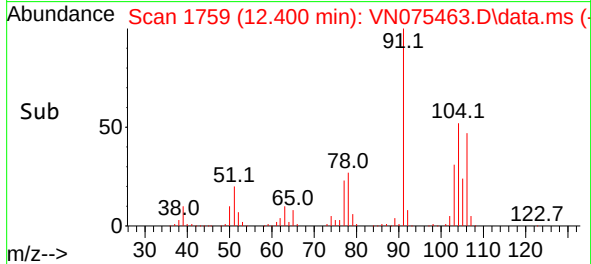
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 164932
Ion Ratio Lower Upper
106 100
91 209.0 105.2 315.5

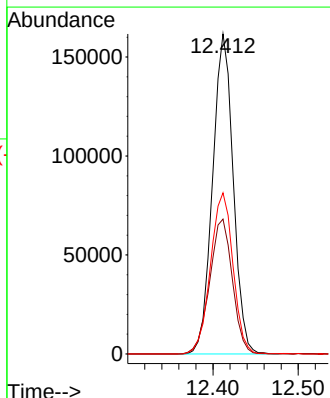
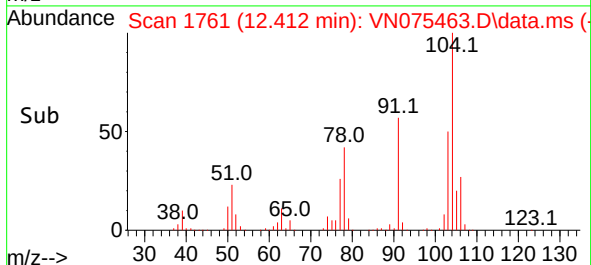
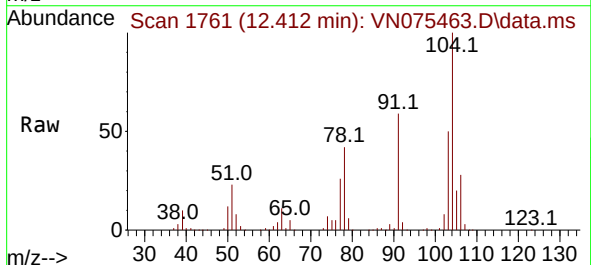
Manual Integrations
APPROVED

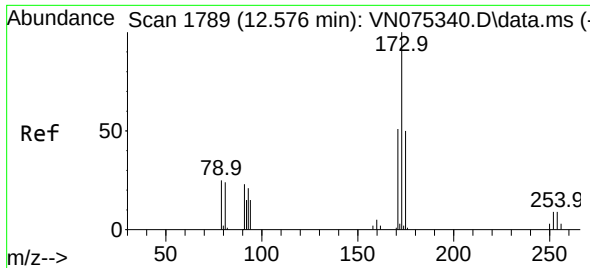
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#70
Styrene
Concen: 54.048 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

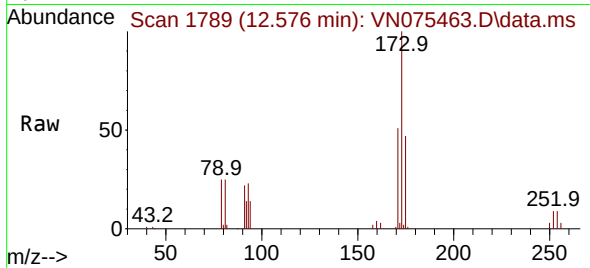
Tgt Ion:104 Resp: 271755
Ion Ratio Lower Upper
104 100
78 46.5 38.1 57.1
103 54.9 44.6 66.8





#71
Bromoform
Concen: 55.396 ug/l
RT: 12.576 min Scan# 1789
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

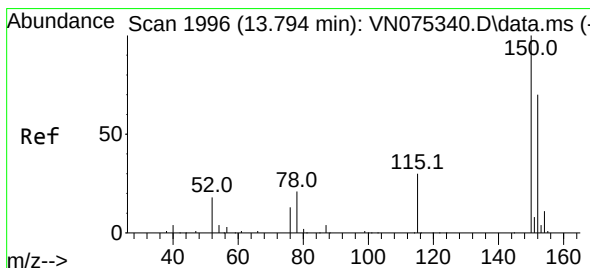
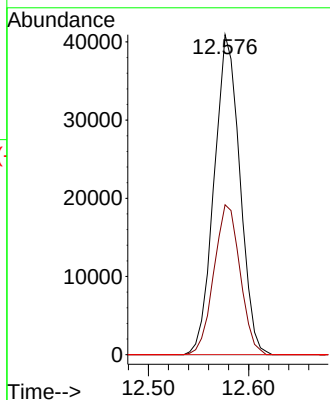
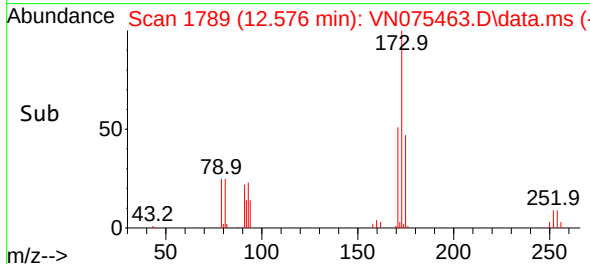
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



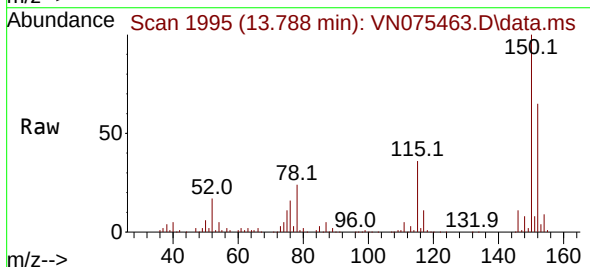
Tgt Ion:173 Resp: 7286
Ion Ratio Lower Upper
173 100
175 47.7 24.6 74.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

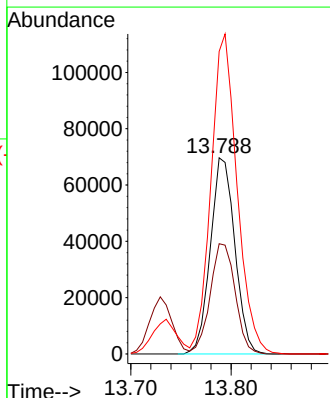
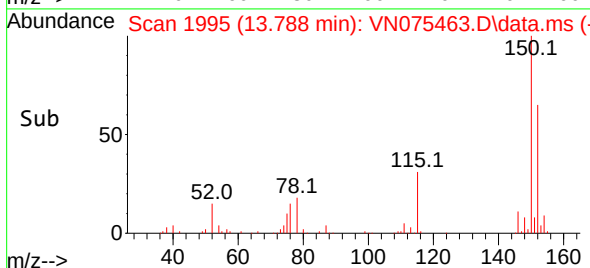
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

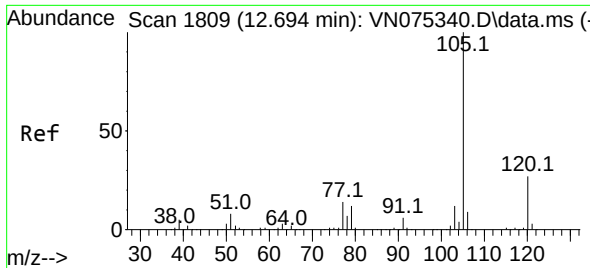


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1995
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



Tgt Ion:152 Resp: 118117
Ion Ratio Lower Upper
152 100
115 57.2 30.2 90.6
150 173.5 0.0 348.4





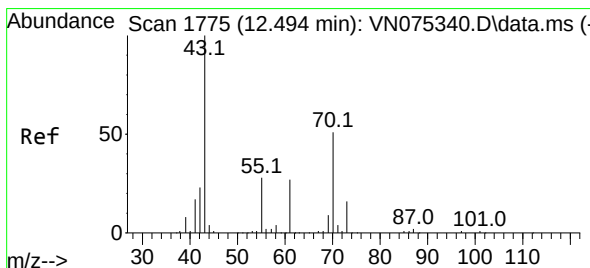
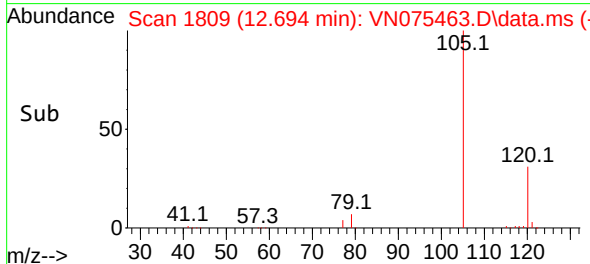
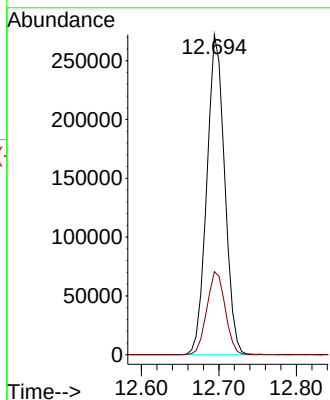
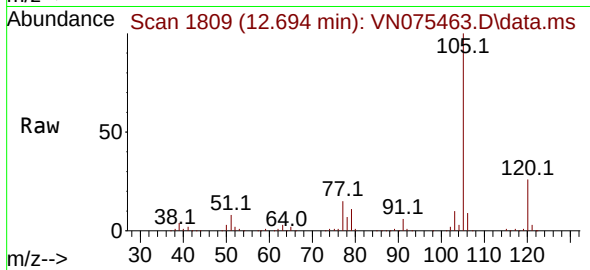
#73
Isopropylbenzene
Concen: 50.456 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 435414
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

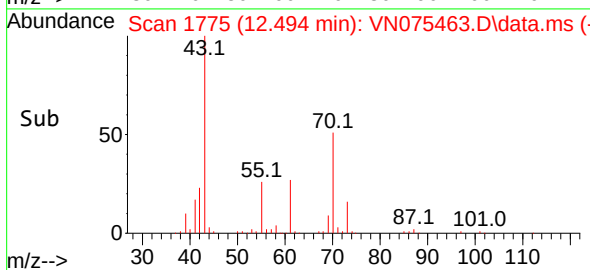
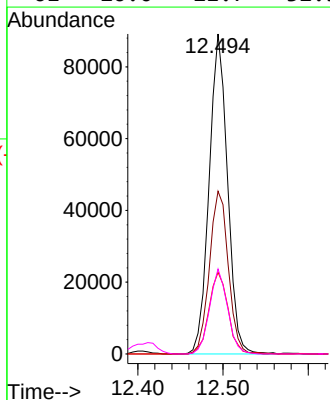
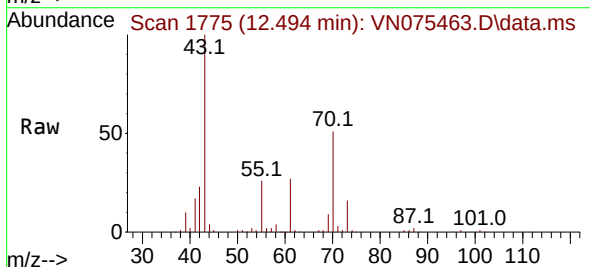
Manual Integrations
APPROVED

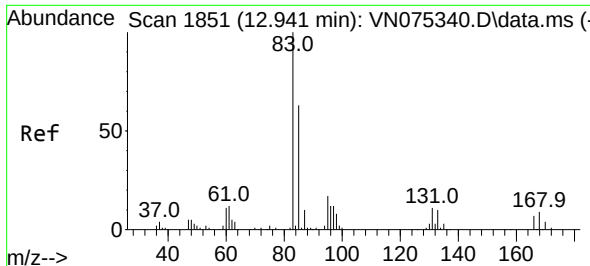
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#74
N-ethyl acetate
Concen: 50.367 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

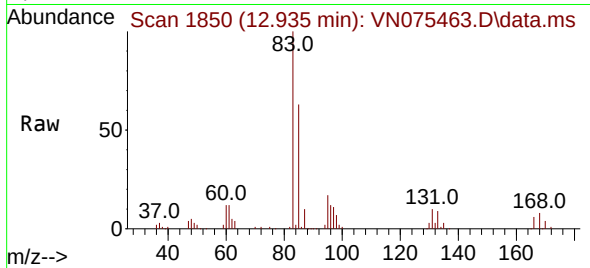
Tgt Ion: 43 Resp: 133625
Ion Ratio Lower Upper
43 100
70 52.2 39.8 59.8
55 26.6 19.9 29.9
61 26.0 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 48.200 ug/l
RT: 12.935 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

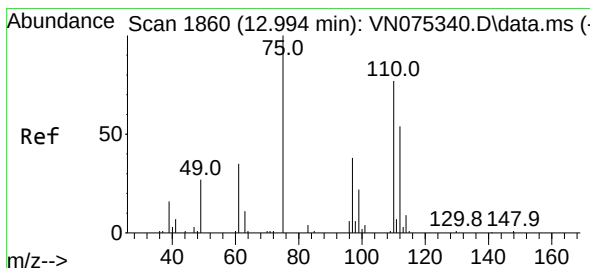
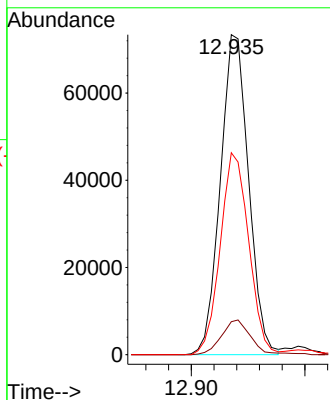
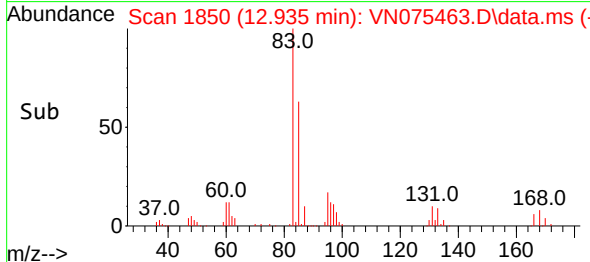
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 12681
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 63.7 31.6 94.7

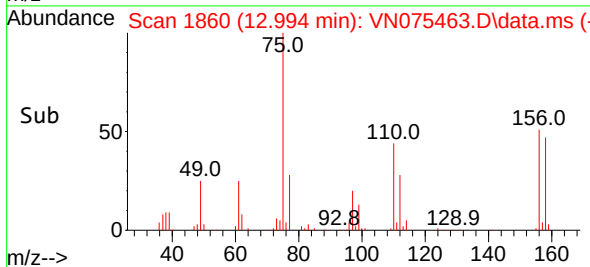
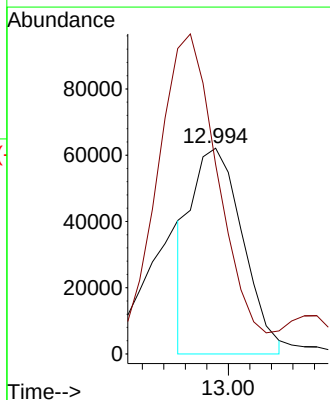
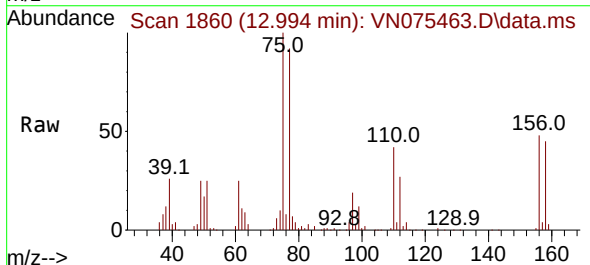
Manual Integrations
APPROVED

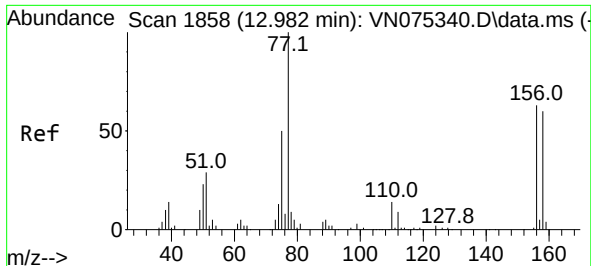
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#76
1,2,3-Trichloropropane
Concen: 46.013 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

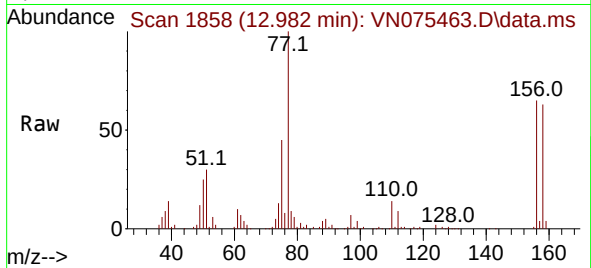
Tgt Ion: 75 Resp: 102761
Ion Ratio Lower Upper
75 100
77 188.8 75.6 226.8





#77
Bromobenzene
Concen: 49.191 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

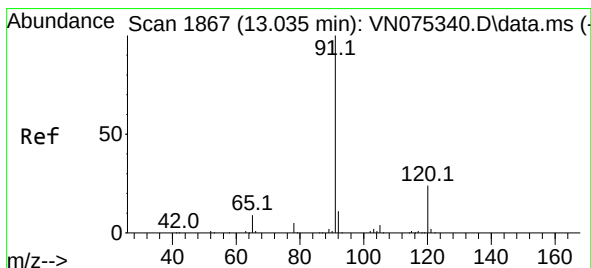
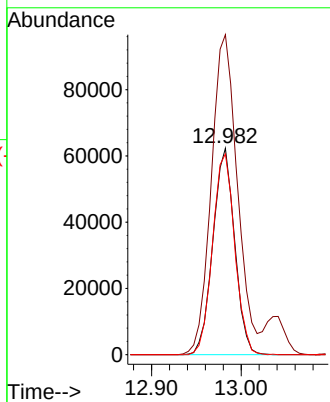
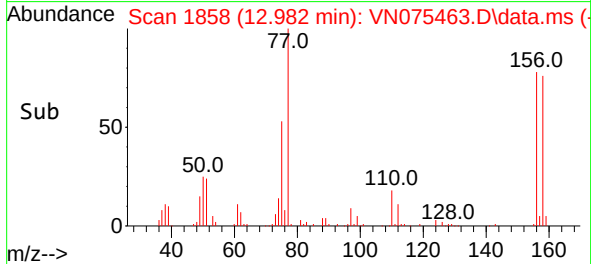
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 104800
Ion Ratio Lower Upper
156 100
77 185.1 108.5 325.5
158 99.4 47.7 143.1

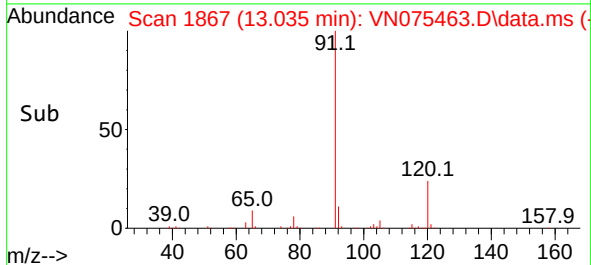
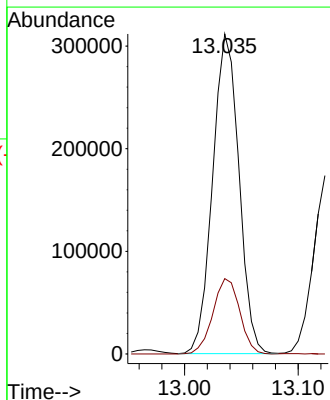
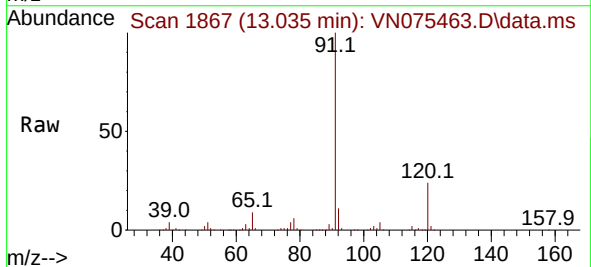
Manual Integrations
APPROVED

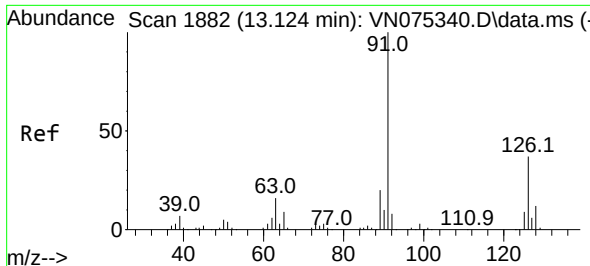
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#78
n-propylbenzene
Concen: 51.991 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Tgt Ion: 91 Resp: 500705
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





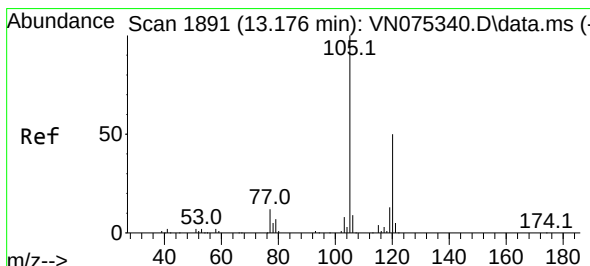
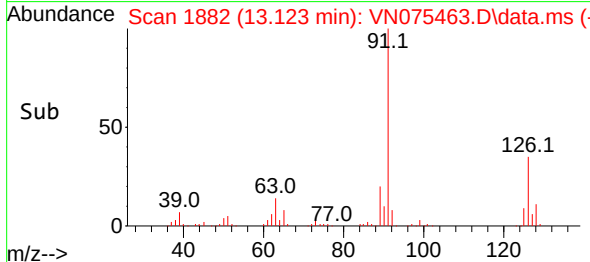
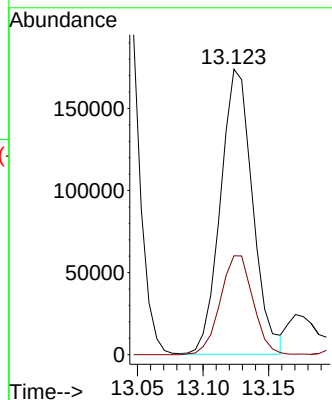
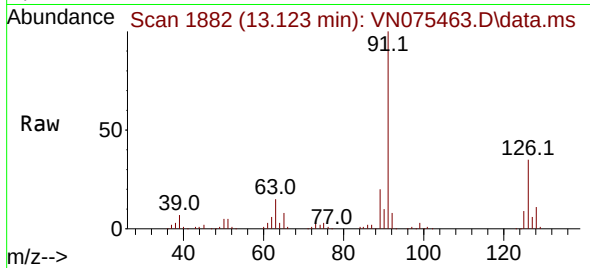
#79
2-Chlorotoluene
Concen: 51.125 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 296660
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7

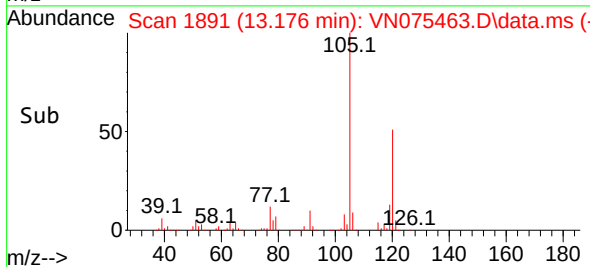
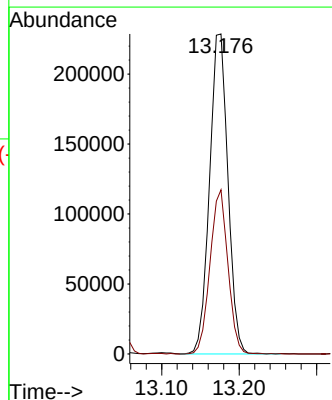
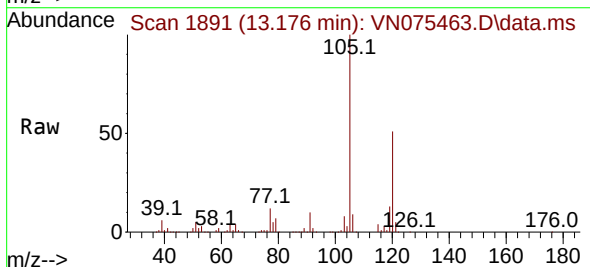
Manual Integrations
APPROVED

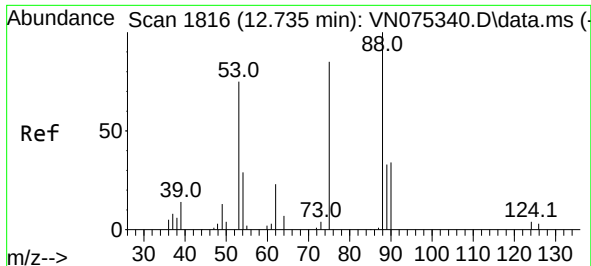
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#80
1,3,5-Trimethylbenzene
Concen: 52.582 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

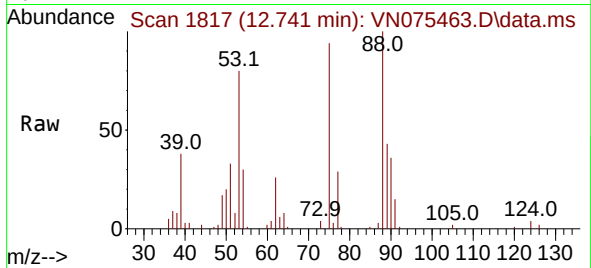
Tgt Ion:105 Resp: 376992
Ion Ratio Lower Upper
105 100
120 49.8 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 52.051 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

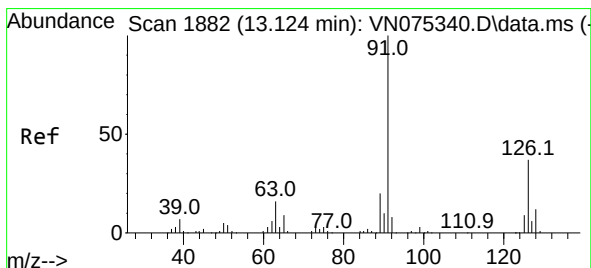
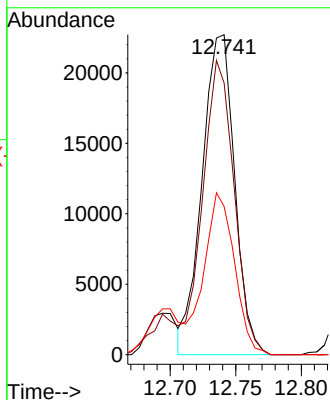
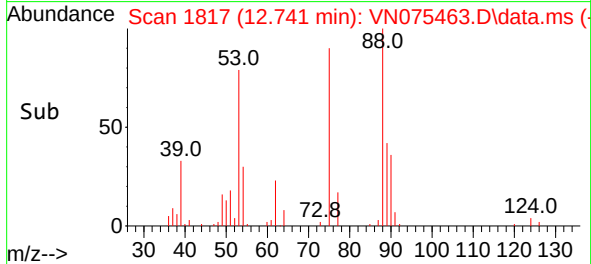
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 39288
Ion Ratio Lower Upper
75 100
53 88.8 78.5 117.7
89 46.8 37.7 56.5

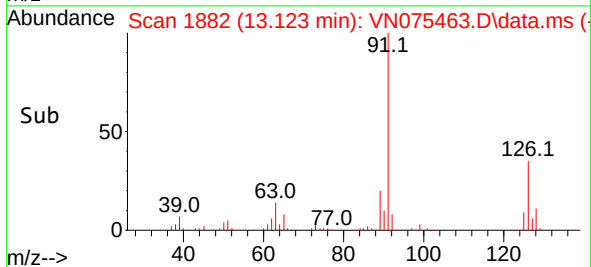
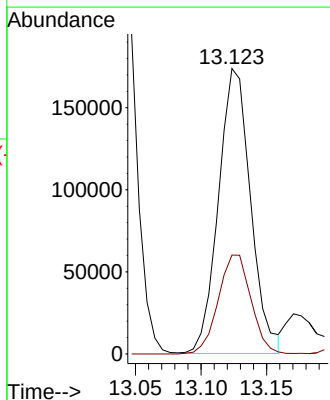
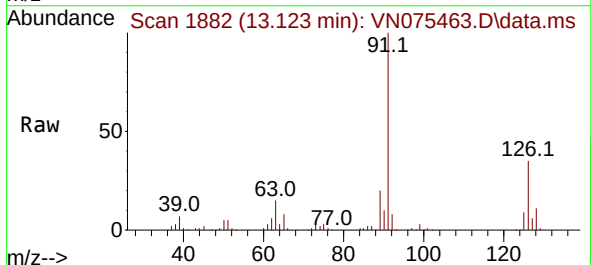
Manual Integrations
APPROVED

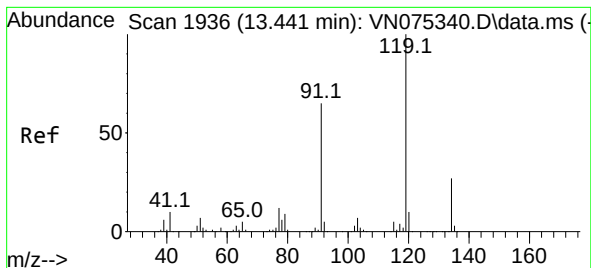
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#82
4-Chlorotoluene
Concen: 51.125 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

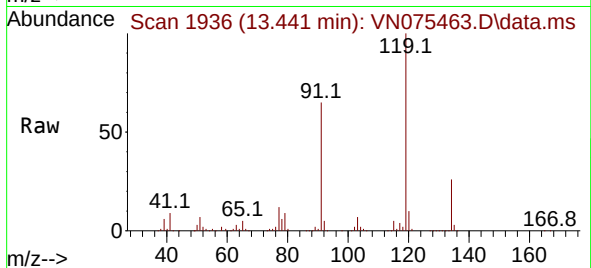
Tgt Ion: 91 Resp: 296660
Ion Ratio Lower Upper
91 100
126 35.3 16.9 50.7





#83
tert-Butylbenzene
Concen: 51.147 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

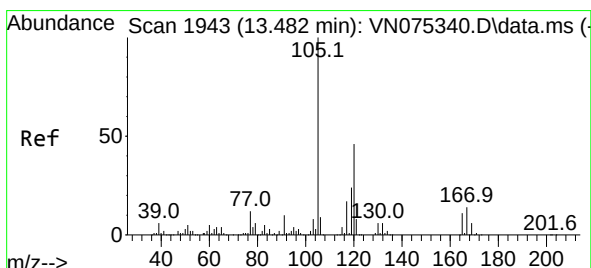
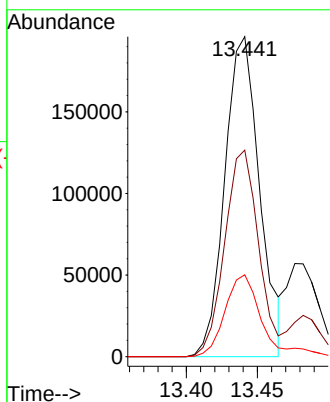
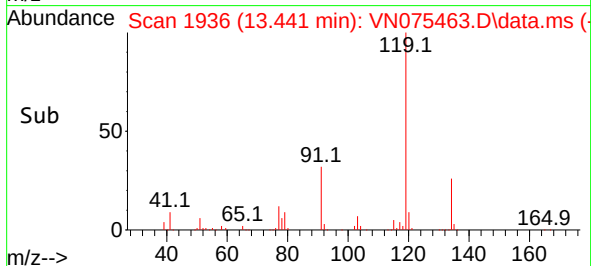
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



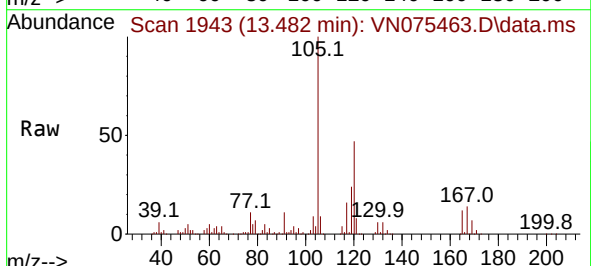
Tgt Ion:119 Resp: 33434
Ion Ratio Lower Upper
119 100
91 62.8 32.8 98.4
134 27.1 12.3 36.9

Manual Integrations
APPROVED

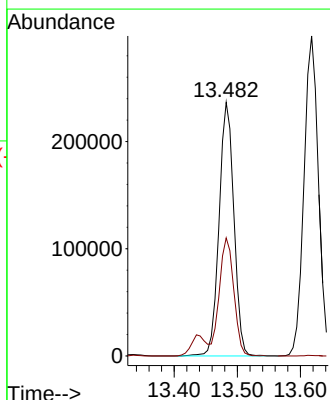
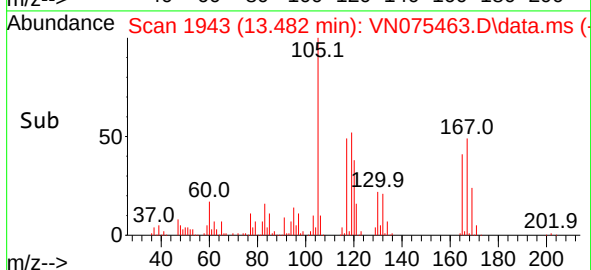
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

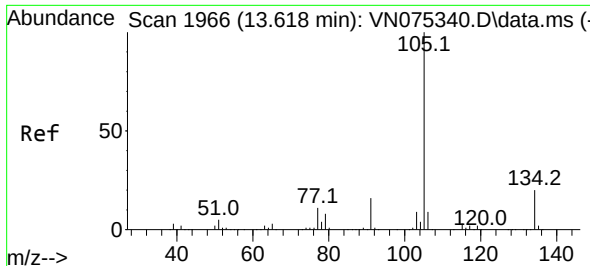


#84
1,2,4-Trimethylbenzene
Concen: 53.400 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



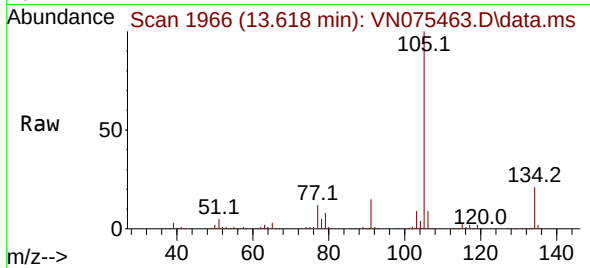
Tgt Ion:105 Resp: 384024
Ion Ratio Lower Upper
105 100
120 46.1 22.7 68.1





#85
 sec-Butylbenzene
 Concen: 53.382 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075463.D
 Acq: 29 Nov 2022 09:31

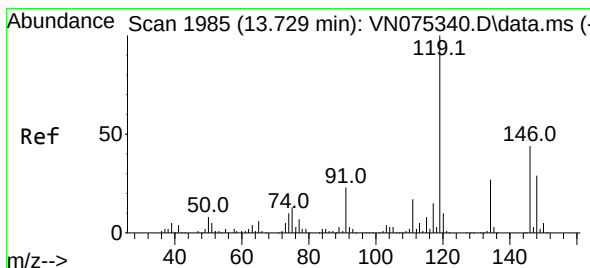
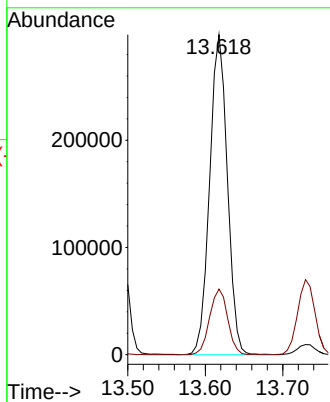
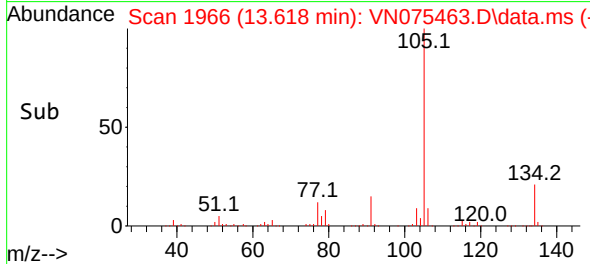
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



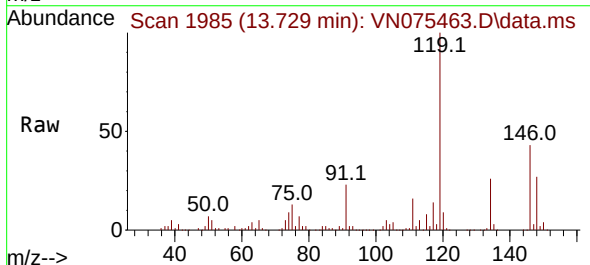
Tgt Ion:105 Resp: 47348
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.2 30.6

Manual Integrations
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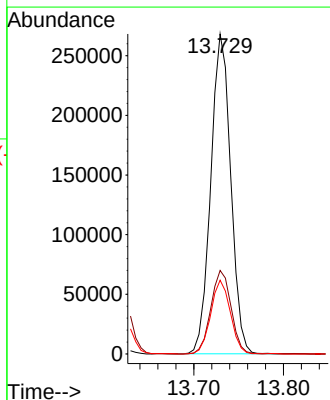
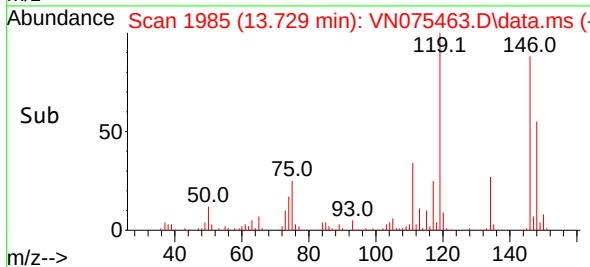
Reviewed By :John Carlone 11/30/2022
 Supervised By :Mahesh Dadoda 11/30/2022

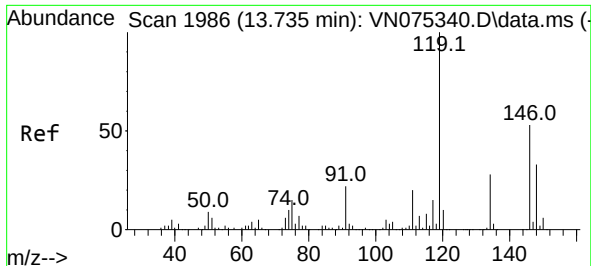


#86
 p-Isopropyltoluene
 Concen: 55.393 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075463.D
 Acq: 29 Nov 2022 09:31



Tgt Ion:119 Resp: 413375
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 22.7 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 51.045 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 206049

Ion Ratio Lower Upper

146 100

111 39.2 20.8 62.5

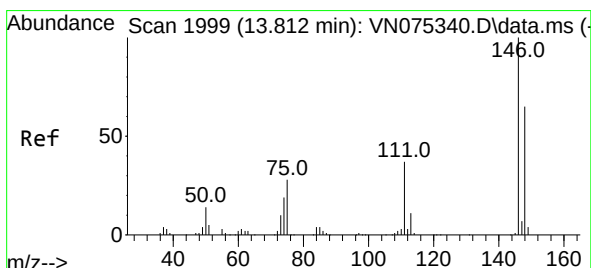
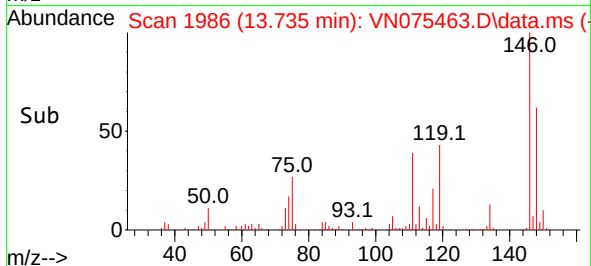
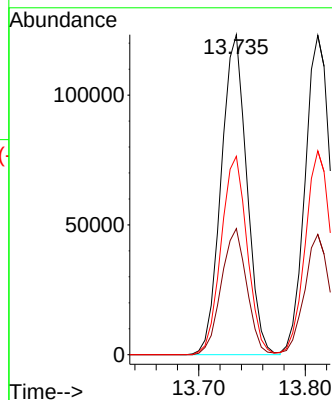
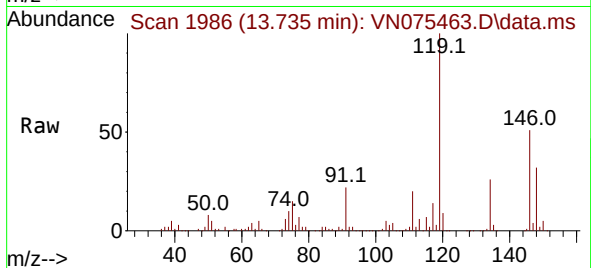
148 62.9 31.1 93.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/30/2022

Supervised By :Mahesh Dadoda 11/30/2022



#88

1,4-Dichlorobenzene

Concen: 50.468 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN075463.D

Acq: 29 Nov 2022 09:31

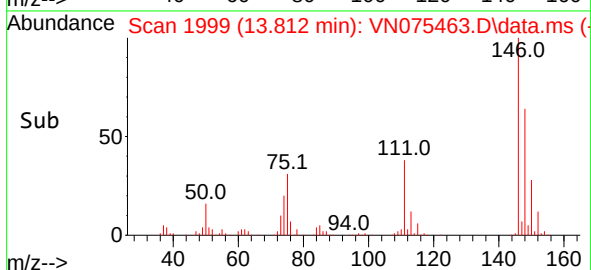
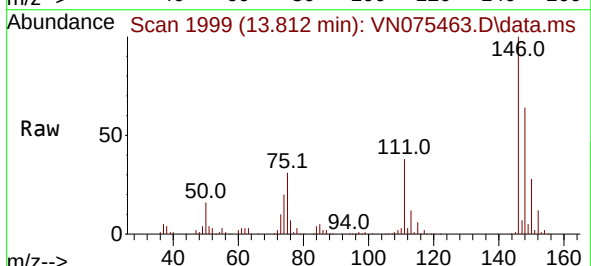
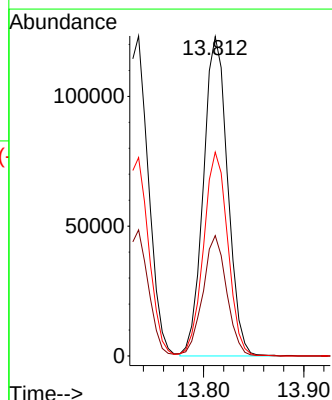
Tgt Ion:146 Resp: 206939

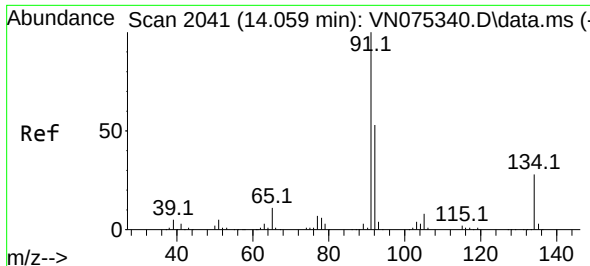
Ion Ratio Lower Upper

146 100

111 37.1 20.1 60.3

148 63.9 31.9 95.7





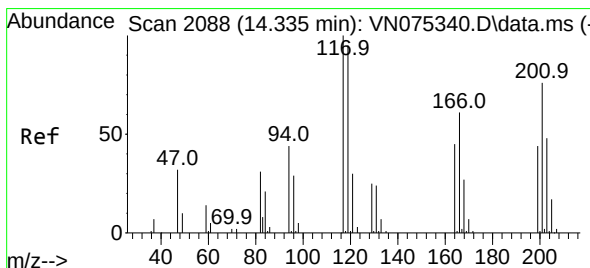
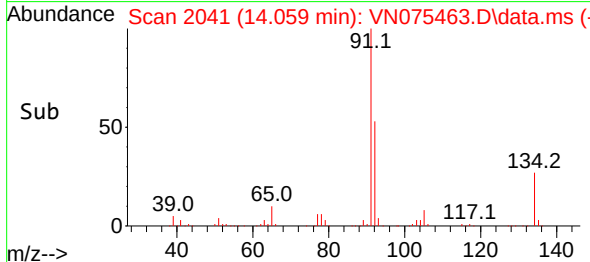
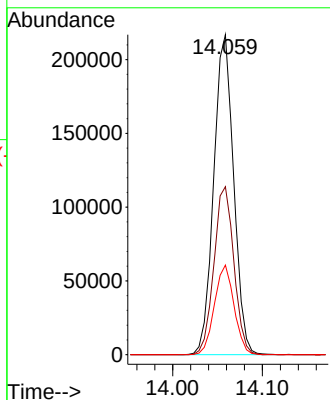
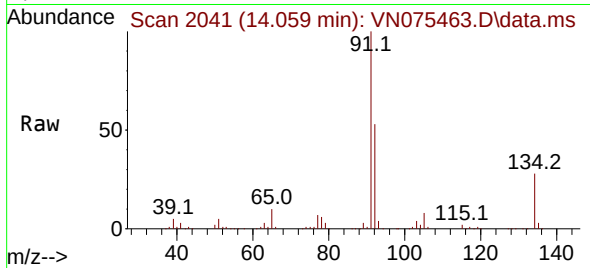
#89
n-Butylbenzene
Concen: 53.013 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 33413
Ion Ratio Lower Upper
91 100
92 52.7 26.5 79.4
134 27.6 13.0 39.0

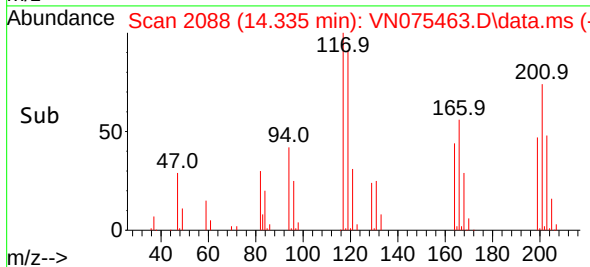
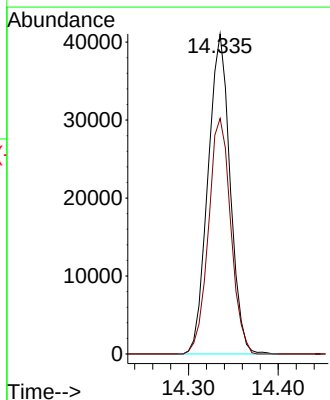
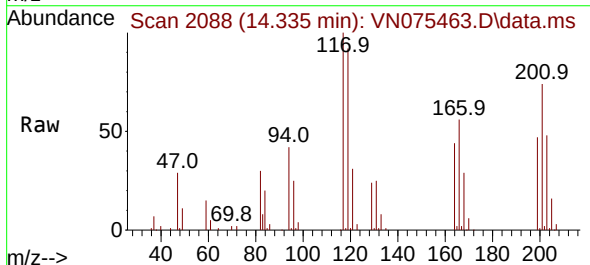
Manual Integrations
APPROVED

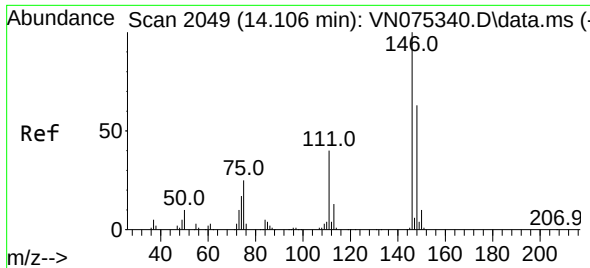
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#90
Hexachloroethane
Concen: 54.517 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

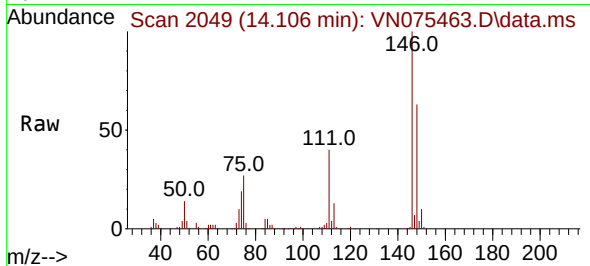
Tgt Ion:117 Resp: 70185
Ion Ratio Lower Upper
117 100
201 74.2 31.5 94.5





#91
1,2-Dichlorobenzene
Concen: 51.923 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

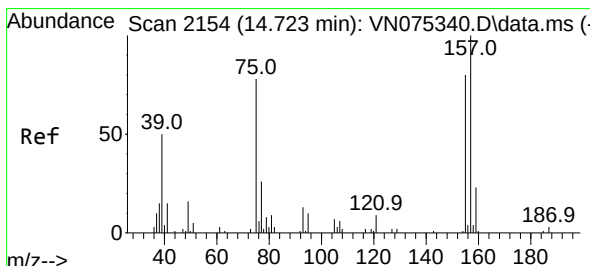
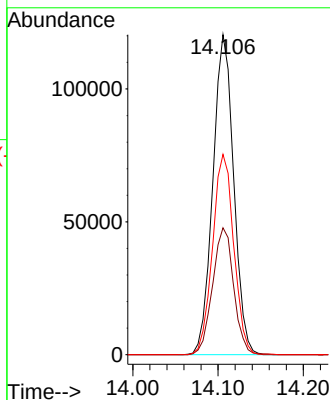
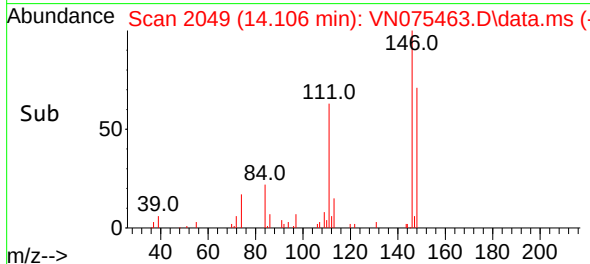
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



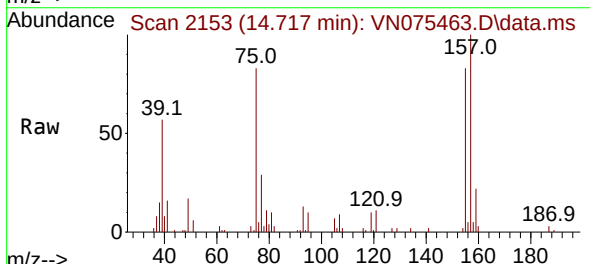
Tgt Ion:146 Resp: 204298
Ion Ratio Lower Upper
146 100
111 40.2 21.3 63.9
148 63.8 31.4 94.2

Manual Integrations
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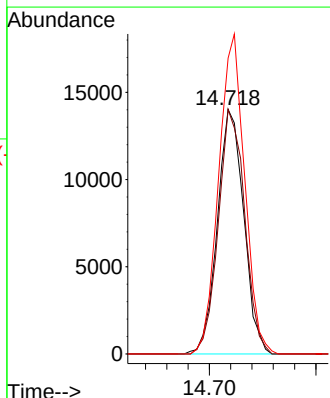
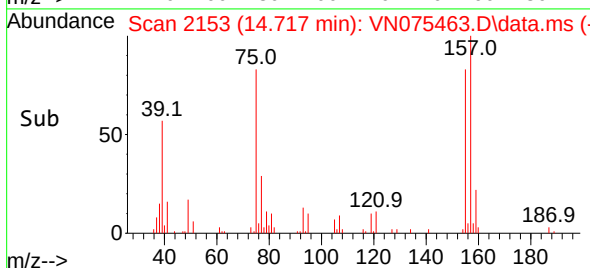
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

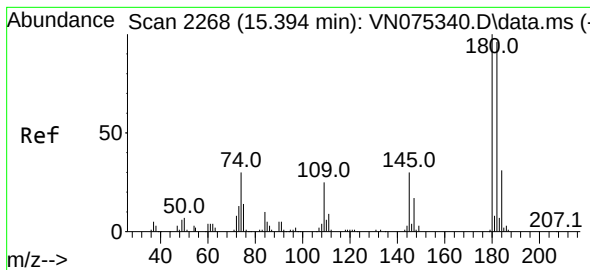


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.315 ug/l
RT: 14.717 min Scan# 2153
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



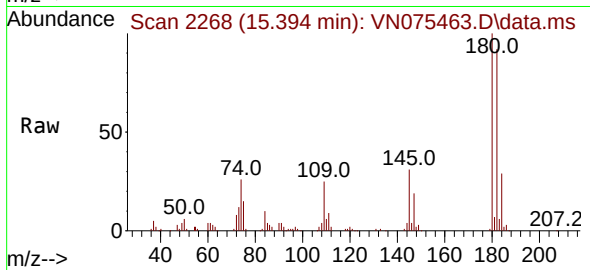
Tgt Ion: 75 Resp: 24079
Ion Ratio Lower Upper
75 100
155 99.8 42.1 126.3
157 128.7 51.7 155.1





#93
1,2,4-Trichlorobenzene
Concen: 54.068 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

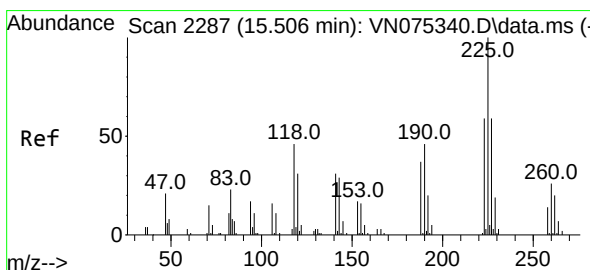
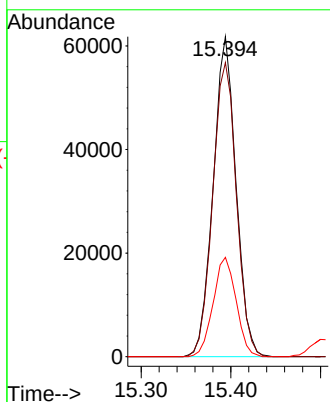
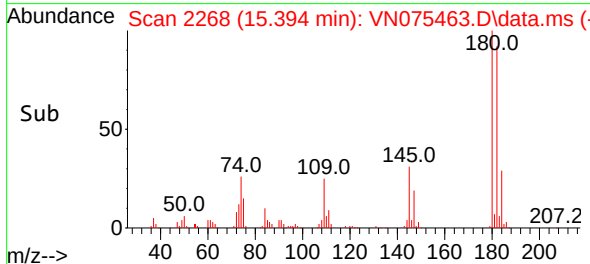
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



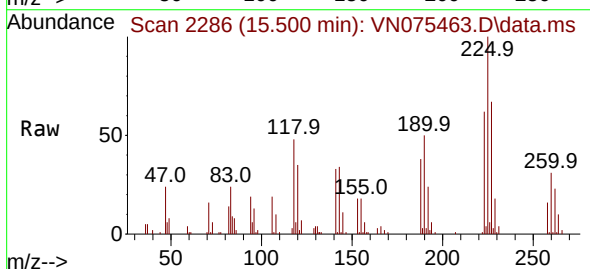
Tgt Ion:180 Resp: 10902
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.4
145 31.2 16.8 50.3

Manual Integrations
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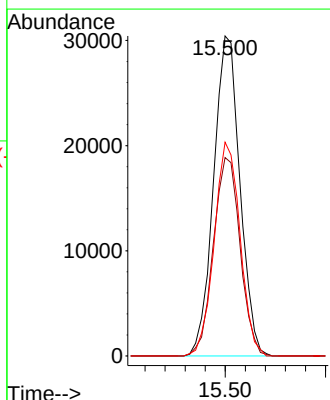
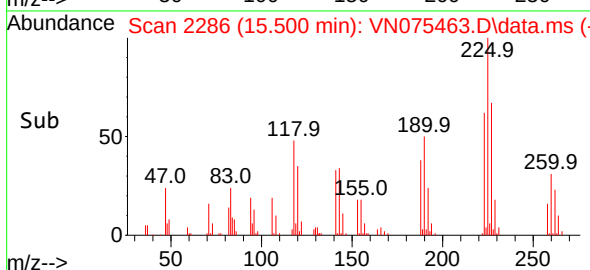
Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022

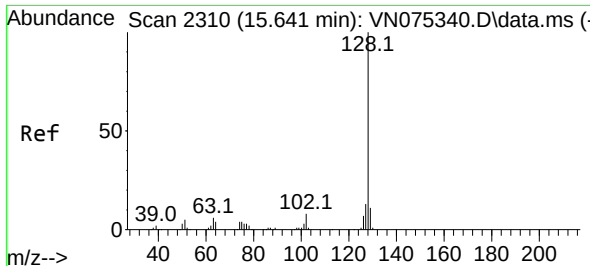


#94
Hexachlorobutadiene
Concen: 52.754 ug/l
RT: 15.500 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



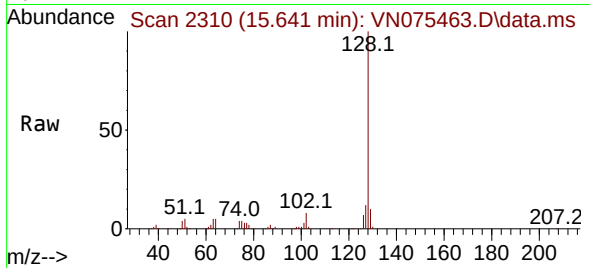
Tgt Ion:225 Resp: 55407
Ion Ratio Lower Upper
225 100
223 62.9 32.3 96.9
227 65.5 32.0 96.2





#95
Naphthalene
Concen: 51.137 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31

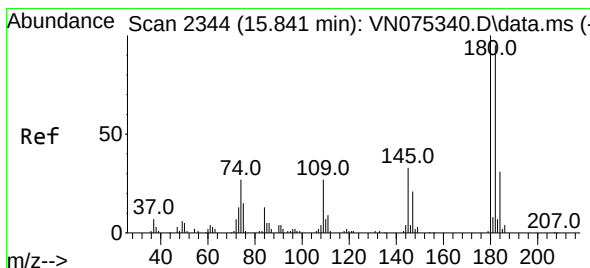
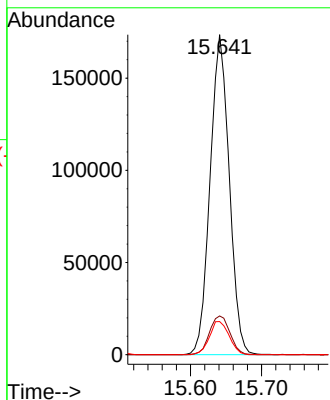
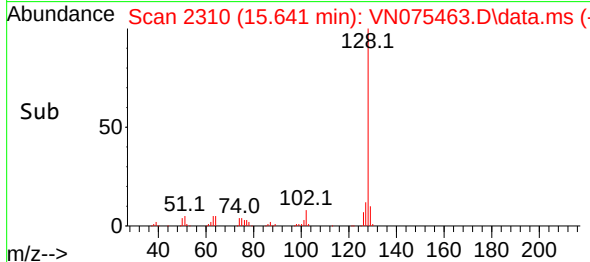
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



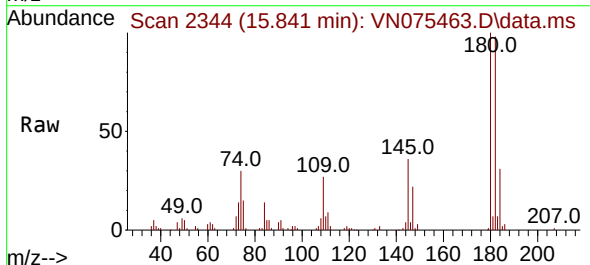
Tgt Ion:128 Resp: 32438
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/30/2022
Supervised By :Mahesh Dadoda 11/30/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.956 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN075463.D
Acq: 29 Nov 2022 09:31



Tgt Ion:180 Resp: 104946
Ion Ratio Lower Upper
180 100
182 94.6 47.3 141.8
145 32.6 17.6 52.9

