

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN085002.D
 Acq On : 21 Nov 2024 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:39:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	132132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	209355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	101413	53.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.280%
35) Dibromofluoromethane	8.159	113	79515	50.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.680%
50) Toluene-d8	10.565	98	257355	44.672	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.340%
62) 4-Bromofluorobenzene	12.847	95	105295	48.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	54878	36.129	ug/l	93
3) Chloromethane	2.359	50	66745	36.781	ug/l	100
4) Vinyl Chloride	2.512	62	60557	37.067	ug/l	98
5) Bromomethane	2.901	94	36032	41.627	ug/l	92
6) Chloroethane	3.059	64	43117	42.424	ug/l	99
7) Trichlorofluoromethane	3.459	101	107180	39.826	ug/l	99
8) Diethyl Ether	3.953	74	50097	52.770	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	63867	41.999	ug/l	99
10) Methyl Iodide	4.571	142	94540	46.517	ug/l	94
11) Tert butyl alcohol	5.547	59	88924	353.002	ug/l	100
12) 1,1-Dichloroethene	4.324	96	59976	39.859	ug/l	97
13) Acrolein	4.171	56	64342	256.143	ug/l	99
14) Allyl chloride	5.006	41	114457	46.904	ug/l	91
15) Acrylonitrile	5.712	53	221358	303.537	ug/l	99
16) Acetone	4.430	43	179269	326.058	ug/l	97
17) Carbon Disulfide	4.694	76	135418	29.224	ug/l	100
18) Methyl Acetate	5.018	43	118362	59.539	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	269834	58.507	ug/l	97
20) Methylene Chloride	5.271	84	81089	48.310	ug/l	85
21) trans-1,2-Dichloroethene	5.771	96	63850	41.325	ug/l	98
22) Diisopropyl ether	6.665	45	259470	53.512	ug/l	99
23) Vinyl Acetate	6.594	43	978871	292.742	ug/l	98
24) 1,1-Dichloroethane	6.559	63	141015	48.440	ug/l	98
25) 2-Butanone	7.483	43	292147	328.128	ug/l	97
26) 2,2-Dichloropropane	7.483	77	115580	45.616	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	86833	48.131	ug/l	96
28) Bromochloromethane	7.806	49	59099	50.955	ug/l	95
29) Tetrahydrofuran	7.835	42	187468	317.383	ug/l	96
30) Chloroform	7.965	83	153321	51.745	ug/l	99
31) Cyclohexane	8.253	56	93374	35.439	ug/l	97
32) 1,1,1-Trichloroethane	8.159	97	124346	46.108	ug/l	99
36) 1,1-Dichloropropene	8.365	75	86247	39.764	ug/l	99
37) Ethyl Acetate	7.559	43	116513	59.207	ug/l	98
38) Carbon Tetrachloride	8.353	117	103175	42.558	ug/l	99
39) Methylcyclohexane	9.600	83	87585	39.693	ug/l	98
40) Benzene	8.600	78	309782	44.473	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN085002.D
 Acq On : 21 Nov 2024 18:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 22 04:39:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	62833	59.375	ug/l	95
42) 1,2-Dichloroethane	8.665	62	116883	51.813	ug/l	100
43) Isopropyl Acetate	8.688	43	237499	65.629	ug/l	94
44) Trichloroethene	9.353	130	66824	41.598	ug/l	97
45) 1,2-Dichloropropane	9.618	63	81916	50.133	ug/l	97
46) Dibromomethane	9.706	93	59568	51.664	ug/l	98
47) Bromodichloromethane	9.888	83	124558	51.249	ug/l #	96
48) Methyl methacrylate	9.682	41	89931	58.719	ug/l	97
49) 1,4-Dioxane	9.700	88	33196	1223.134	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	592840	316.015	ug/l	98
52) Toluene	10.629	92	187485	46.022	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	123851	49.230	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	129042	48.463	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	80959	52.758	ug/l	95
56) Ethyl methacrylate	10.871	69	135203	60.911	ug/l	98
57) 1,3-Dichloropropane	11.159	76	138816	52.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	321917	309.936	ug/l	97
59) 2-Hexanone	11.194	43	442432	324.007	ug/l	99
60) Dibromochloromethane	11.359	129	96280	55.051	ug/l	99
61) 1,2-Dibromoethane	11.465	107	79459	50.564	ug/l	99
64) Tetrachloroethene	11.100	164	53315	38.286	ug/l	94
65) Chlorobenzene	11.888	112	204995	43.768	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	81219	49.854	ug/l	97
67) Ethyl Benzene	11.965	91	344127	44.017	ug/l	100
68) m/p-Xylenes	12.070	106	266599	90.073	ug/l	99
69) o-Xylene	12.400	106	131658	47.550	ug/l	99
70) Styrene	12.412	104	225818	46.753	ug/l	99
71) Bromoform	12.576	173	63646	51.919	ug/l #	97
73) Isopropylbenzene	12.694	105	321462	43.752	ug/l	99
74) N-amyl acetate	12.494	43	168310	53.822	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	125580	51.206	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101094m	48.236	ug/l	
77) Bromobenzene	12.976	156	84070	42.563	ug/l	99
78) n-propylbenzene	13.035	91	364602	42.347	ug/l	99
79) 2-Chlorotoluene	13.123	91	242201	43.052	ug/l	97
80) 1,3,5-Trimethylbenzene	13.170	105	279350	45.873	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	43404m	49.132	ug/l	
82) 4-Chlorotoluene	13.217	91	236019	39.865	ug/l	97
83) tert-Butylbenzene	13.435	119	224625	44.569	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	283440	45.097	ug/l	99
85) sec-Butylbenzene	13.617	105	303218	42.592	ug/l	99
86) p-Isopropyltoluene	13.729	119	261100	44.720	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	149708	38.837	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	149183	41.969	ug/l	99
89) n-Butylbenzene	14.053	91	213500	39.092	ug/l	99
90) Hexachloroethane	14.335	117	52555	40.363	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	155898	42.087	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26803	53.948	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	77828	38.387	ug/l	100
94) Hexachlorobutadiene	15.500	225	34280	38.502	ug/l	98
95) Naphthalene	15.641	128	277469	45.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	78097	39.681	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
Data File : VN085002.D
Acq On : 21 Nov 2024 18:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:39:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

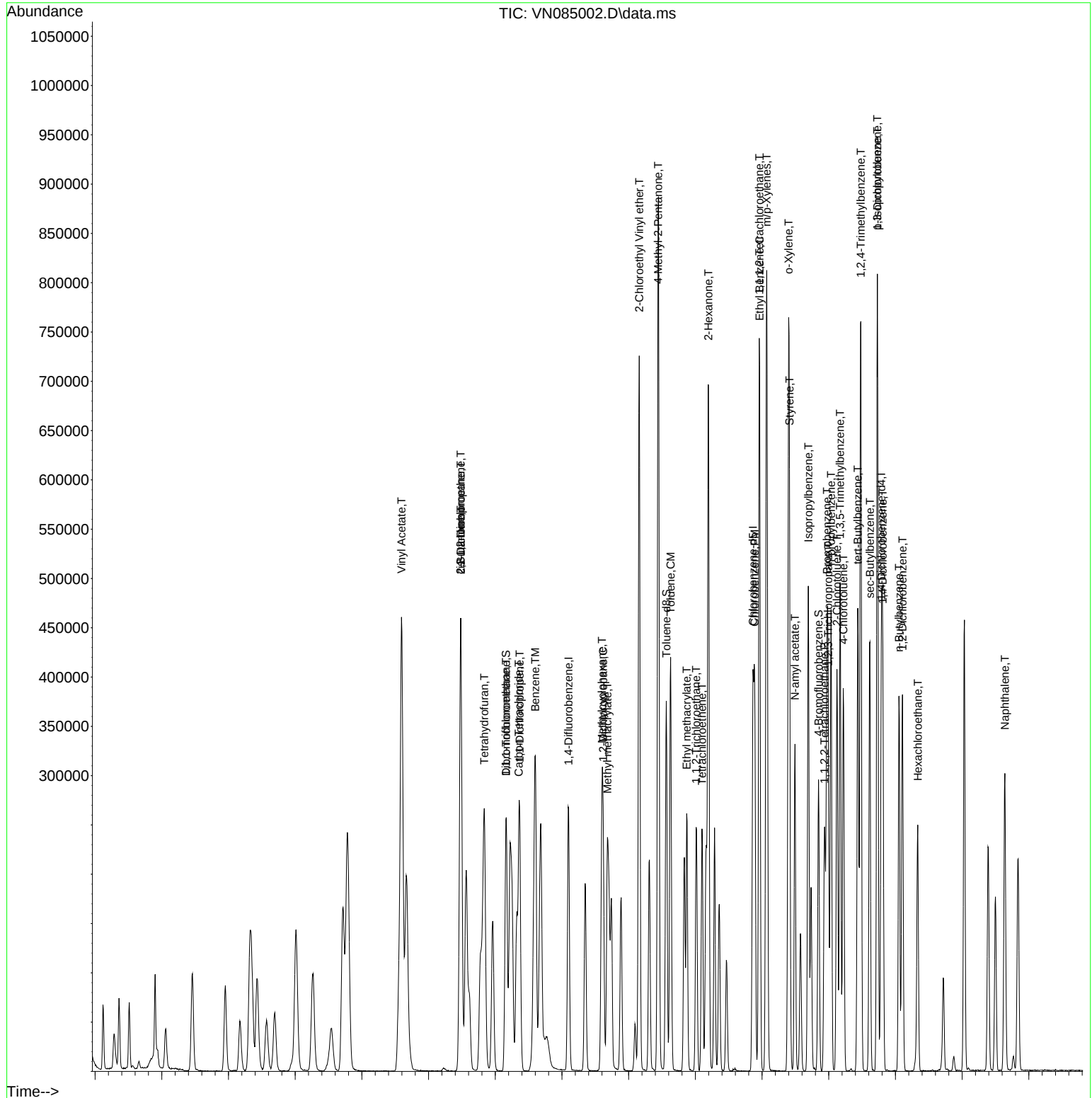
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
Data File : VN085002.D
Acq On : 21 Nov 2024 18:32
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

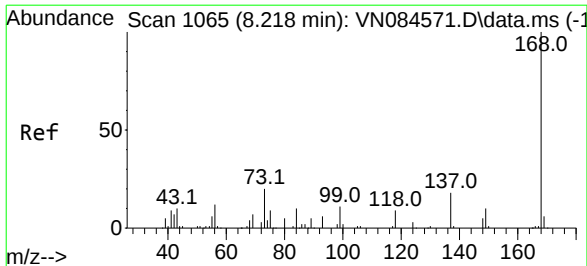
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 22 04:39:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

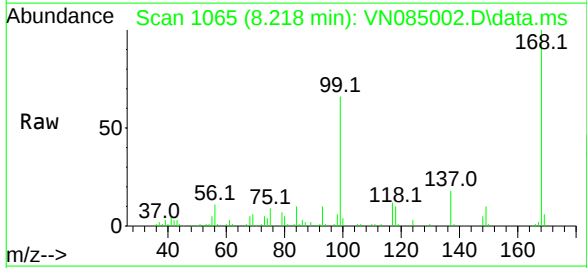
Reviewed By : John Carlone 11/22/2024
Supervised By : Mahesh Dadoda 11/22/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

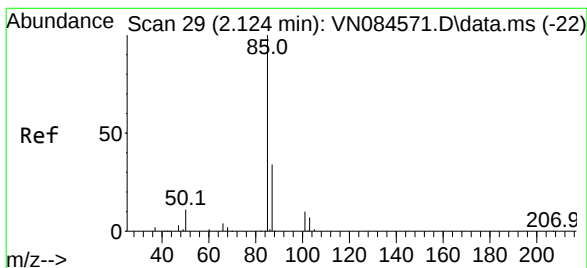
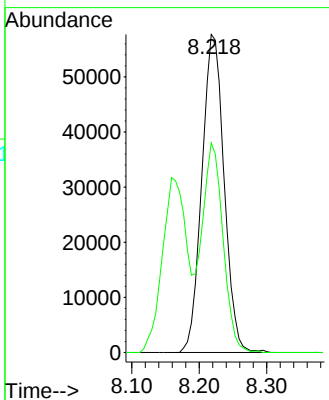
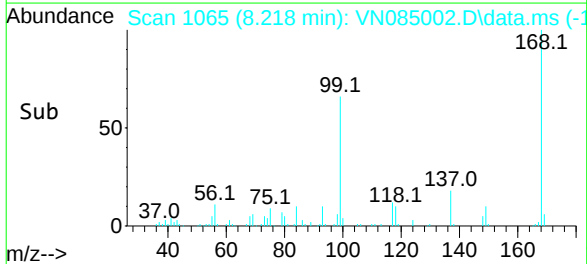
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 132132
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2

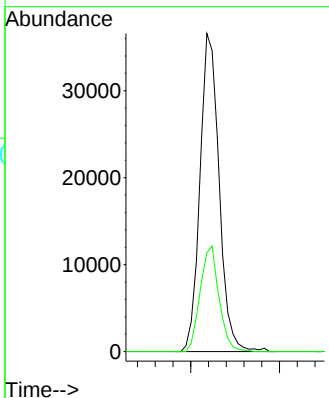
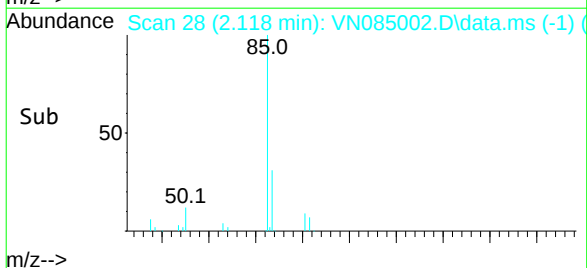
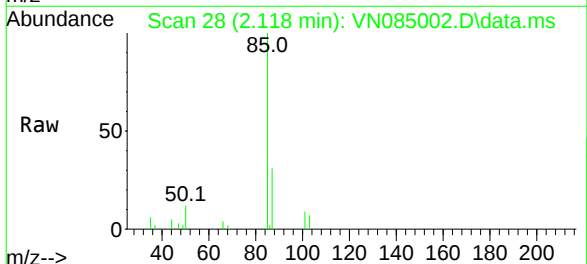
Manual Integrations
APPROVED

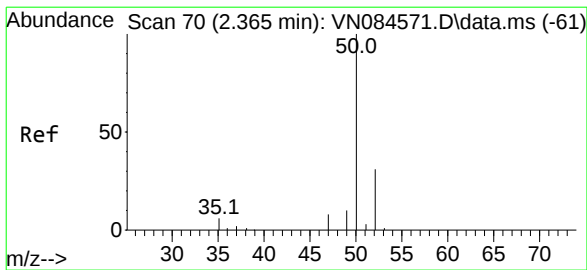
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 36.129 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 85 Resp: 54878
Ion Ratio Lower Upper
85 100
87 31.0 17.6 52.9





#3

Chloromethane

Concen: 36.781 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

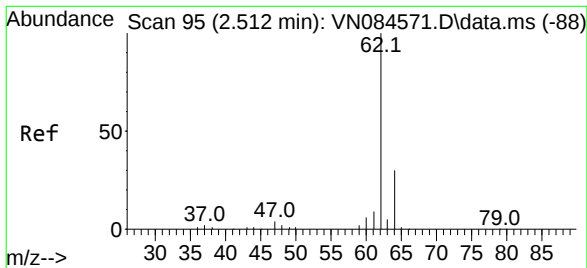
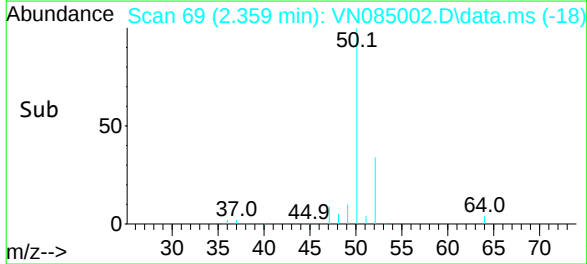
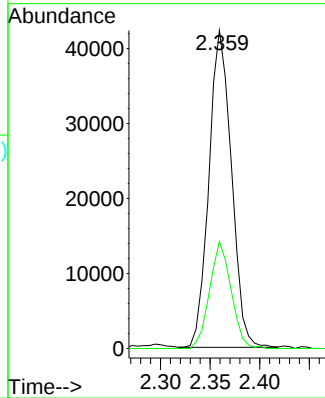
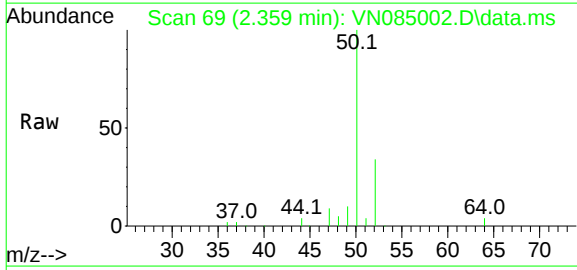
Tgt Ion: 50 Resp: 66745
 Ion Ratio Lower Upper
 50 100
 52 33.7 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#4

Vinyl Chloride

Concen: 37.067 ug/l

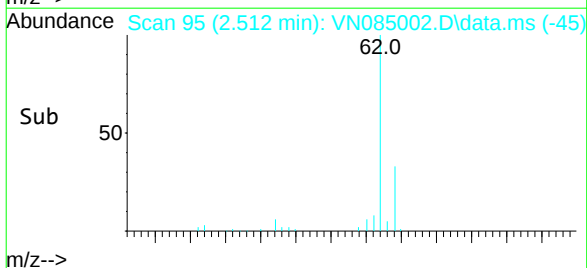
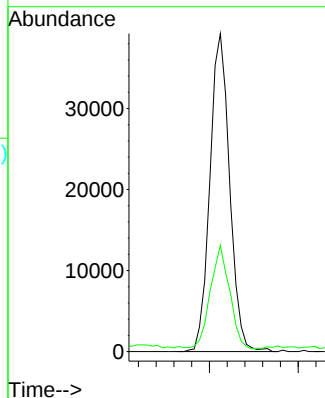
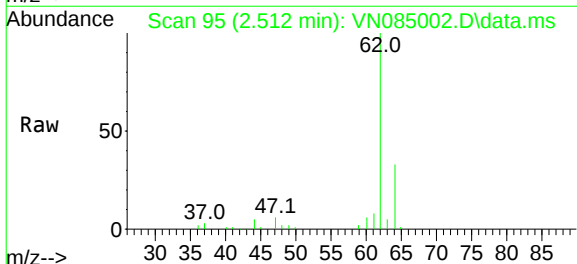
RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

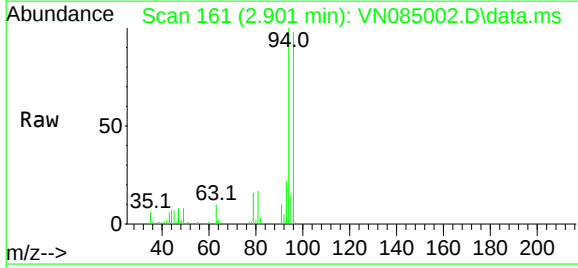
Tgt Ion: 62 Resp: 60557
 Ion Ratio Lower Upper
 62 100
 64 31.9 26.2 39.4





#5
Bromomethane
Concen: 41.627 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

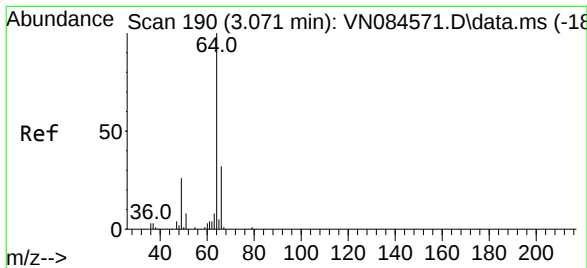
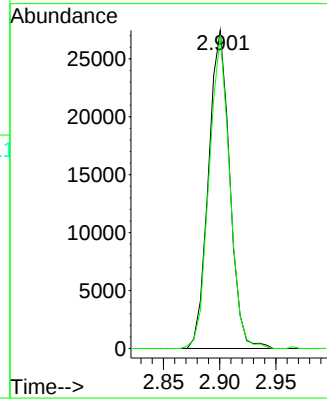
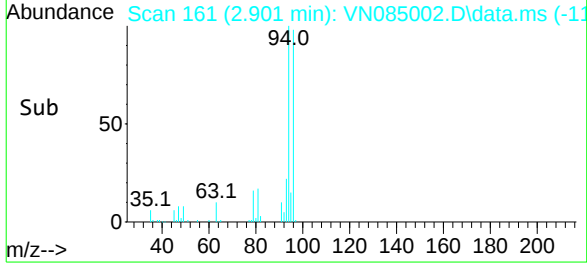
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



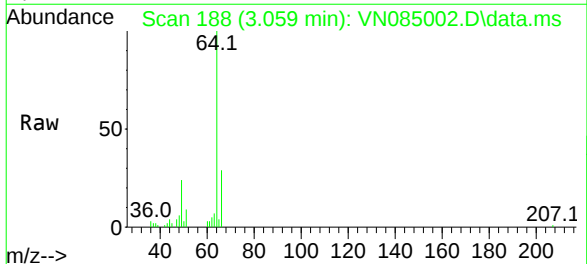
Tgt Ion: 94 Resp: 36032
Ion Ratio Lower Upper
94 100
96 98.4 72.9 109.3

Manual Integrations
APPROVED

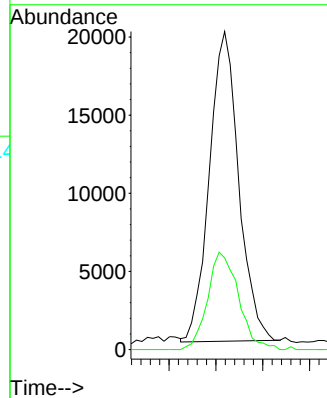
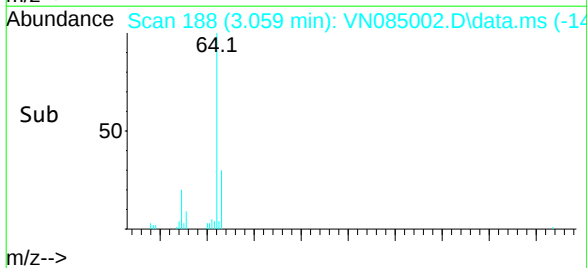
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

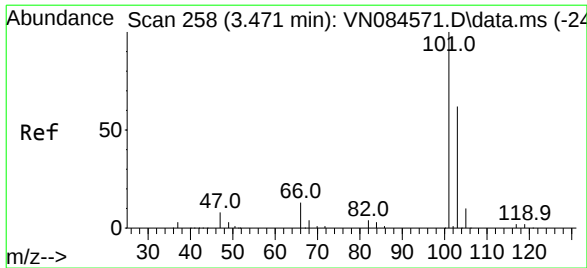


#6
Chloroethane
Concen: 42.424 ug/l
RT: 3.059 min Scan# 188
Delta R.T. -0.059 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32



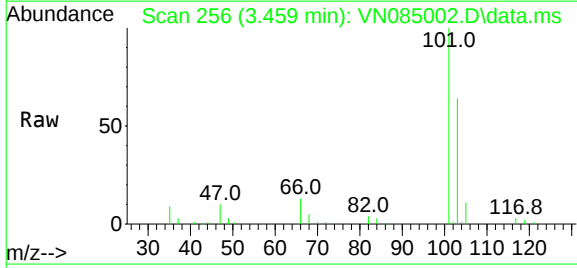
Tgt Ion: 64 Resp: 43117
Ion Ratio Lower Upper
64 100
66 29.7 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 39.826 ug/l
 RT: 3.459 min Scan# 258
 Delta R.T. -0.036 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

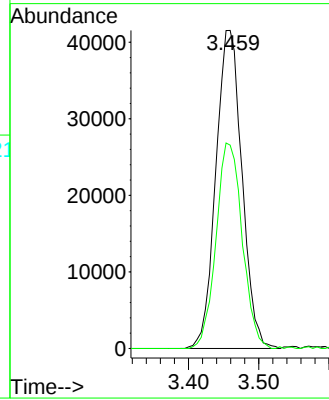
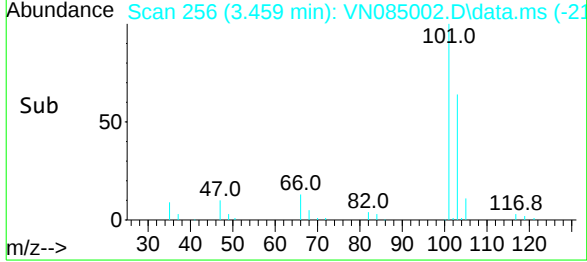
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 107180
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.8 77.6

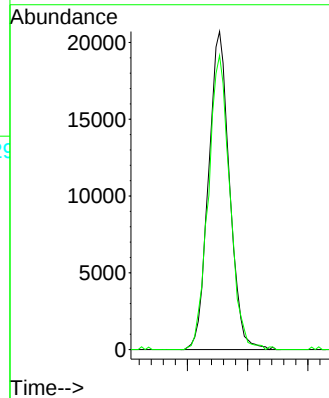
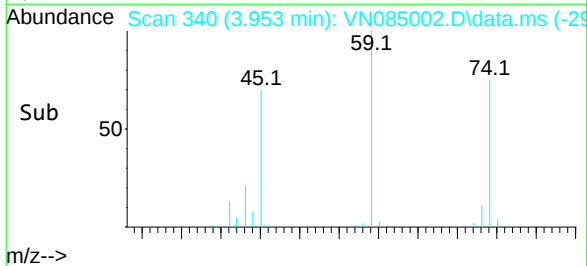
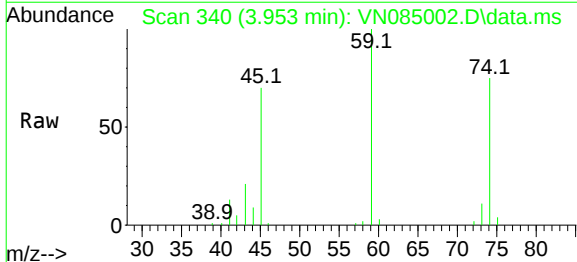
Manual Integrations
 APPROVED

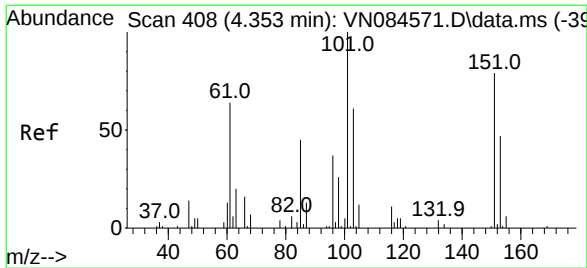
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#8
 Diethyl Ether
 Concen: 52.770 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

Tgt Ion: 74 Resp: 50097
 Ion Ratio Lower Upper
 74 100
 45 94.6 47.7 143.1





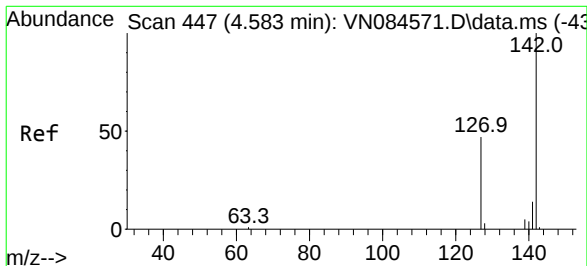
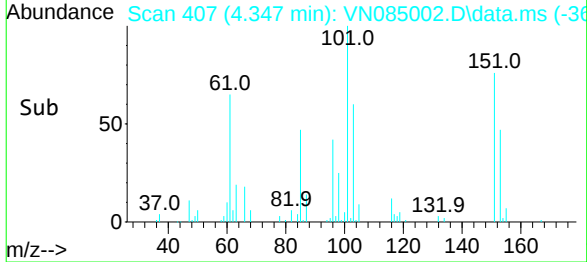
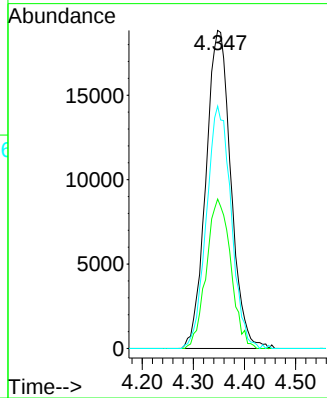
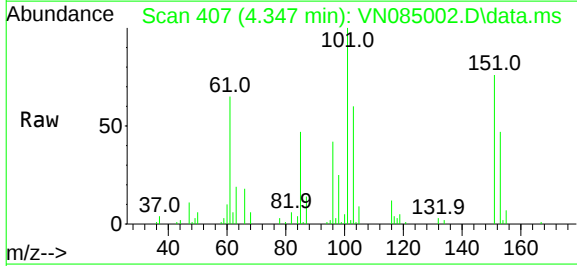
#9
1,1,2-Trichlorotrifluoroethane
Concen: 41.999 ug/l
RT: 4.347 min Scan# 408
Delta R.T. -0.024 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 63867
Ion Ratio Lower Upper
101 100
85 46.0 36.2 54.4
151 75.5 59.3 88.9

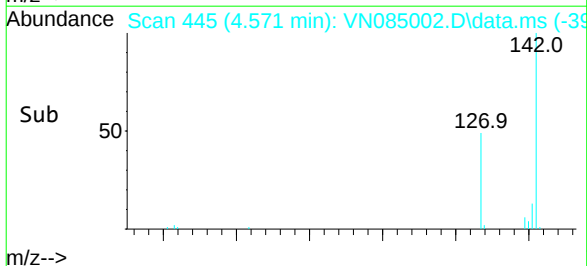
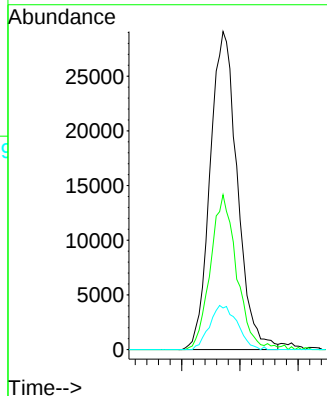
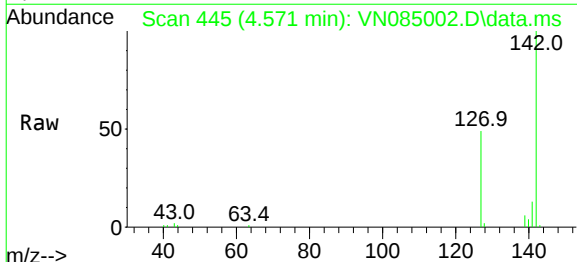
Manual Integrations
APPROVED

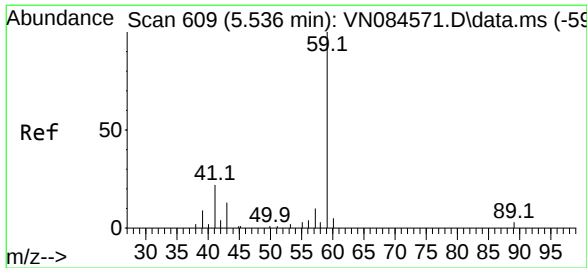
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 46.517 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.024 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:142 Resp: 94540
Ion Ratio Lower Upper
142 100
127 48.7 35.3 52.9
141 13.1 11.0 16.6





#11

Tert butyl alcohol

Concen: 353.002 ug/l

RT: 5.547 min Scan# 61

Delta R.T. 0.024 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 88924

Ion Ratio Lower Upper

59 100

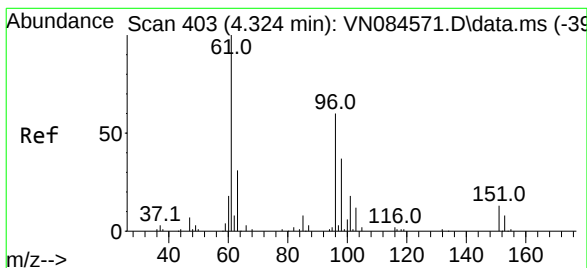
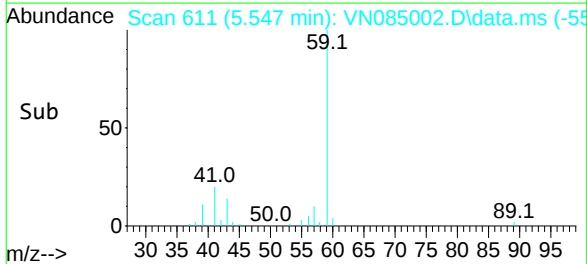
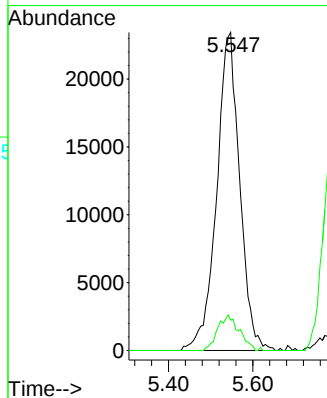
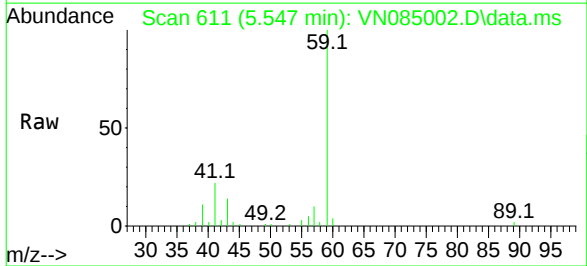
57 10.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#12

1,1-Dichloroethene

Concen: 39.859 ug/l

RT: 4.324 min Scan# 403

Delta R.T. -0.018 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

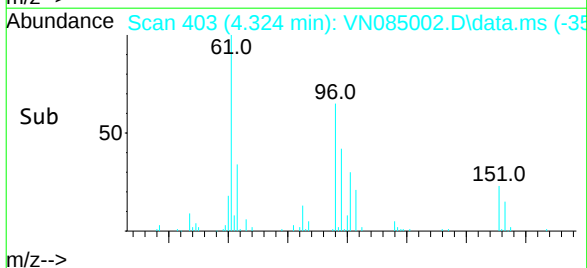
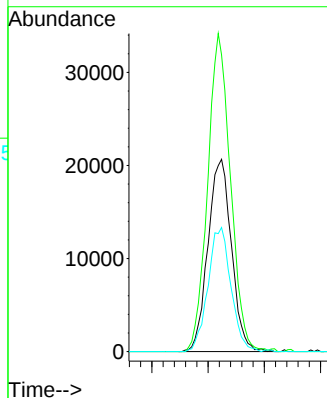
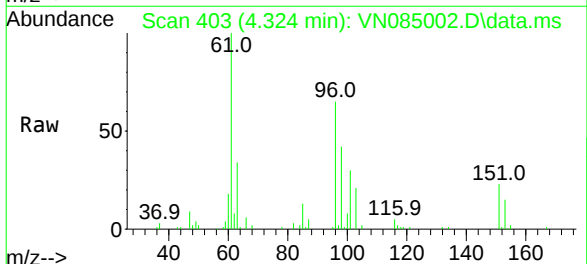
Tgt Ion: 96 Resp: 59976

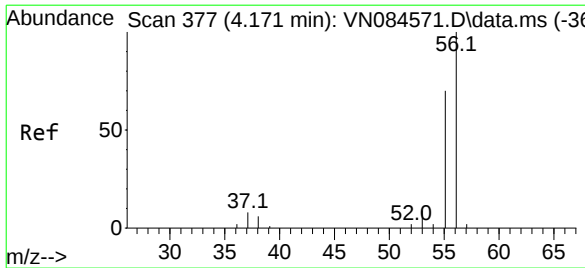
Ion Ratio Lower Upper

96 100

61 154.3 128.6 192.8

98 64.5 51.7 77.5





#13

Acrolein

Concen: 256.143 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 64342

Ion Ratio Lower Upper

56 100

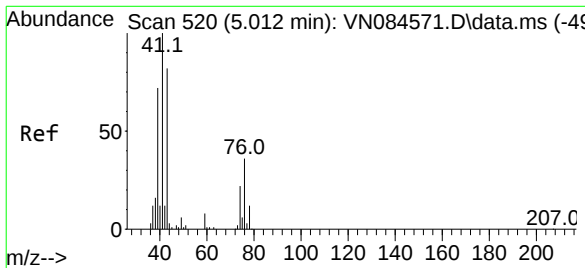
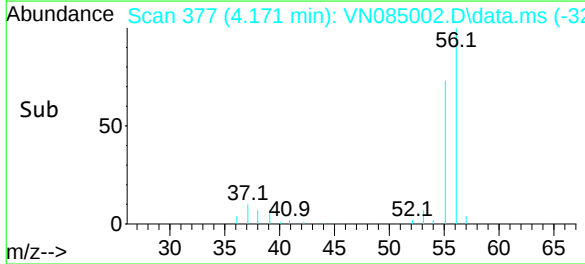
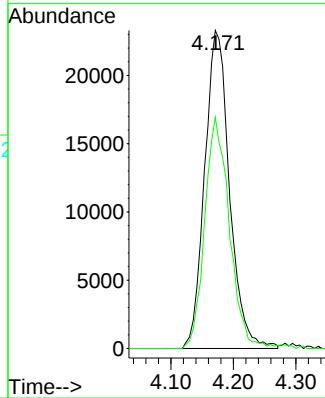
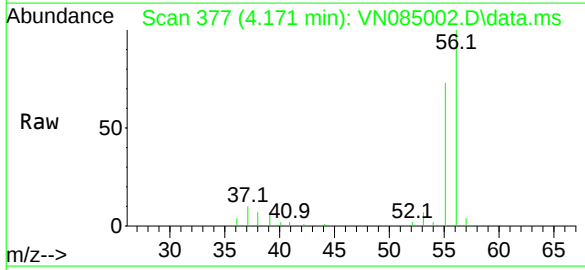
55 71.9 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#14

Allyl chloride

Concen: 46.904 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.018 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

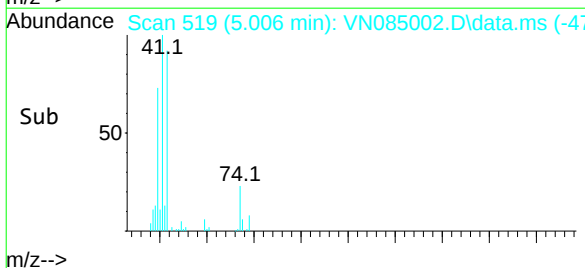
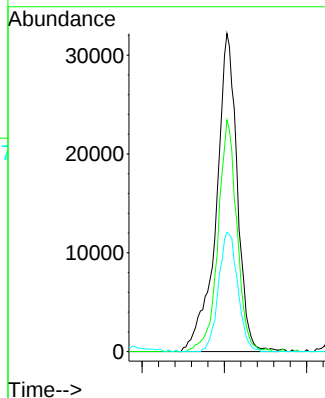
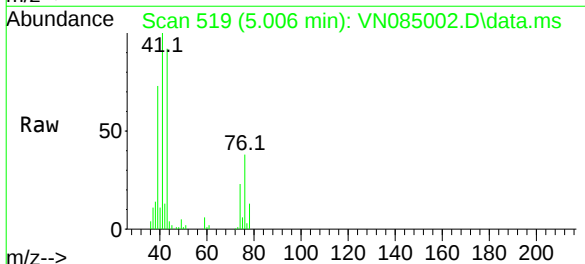
Tgt Ion: 41 Resp: 114457

Ion Ratio Lower Upper

41 100

39 65.0 59.0 88.6

76 34.1 29.8 44.6





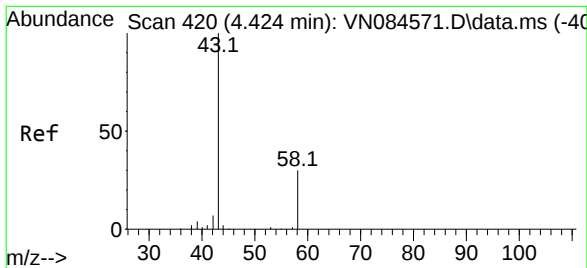
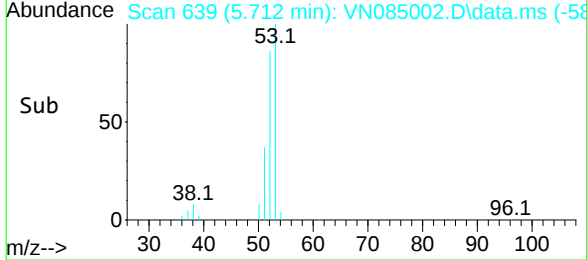
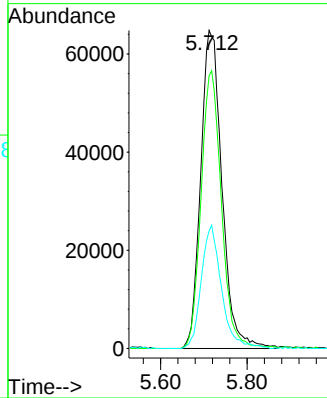
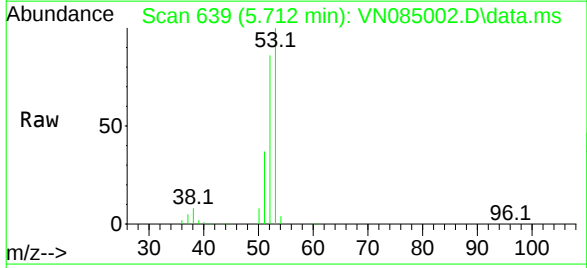
#15
Acrylonitrile
Concen: 303.537 ug/l
RT: 5.712 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 221358
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.4
51 36.8 28.8 43.2

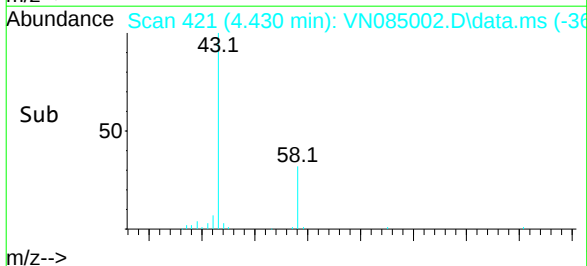
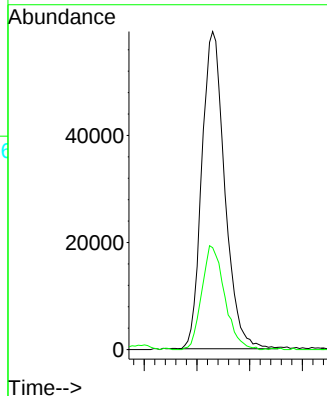
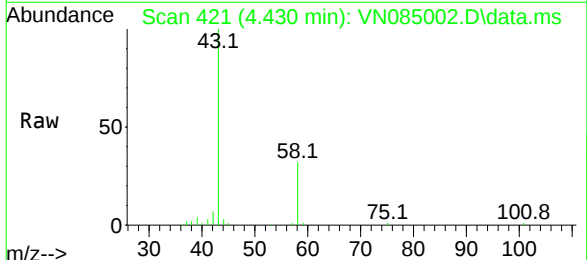
Manual Integrations
APPROVED

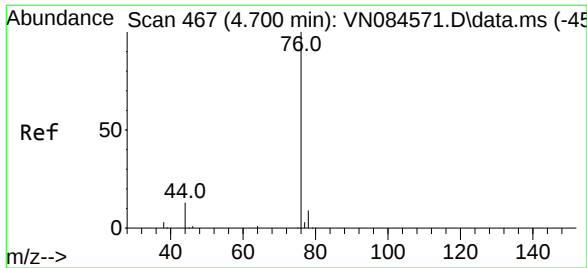
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 326.058 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 43 Resp: 179269
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6





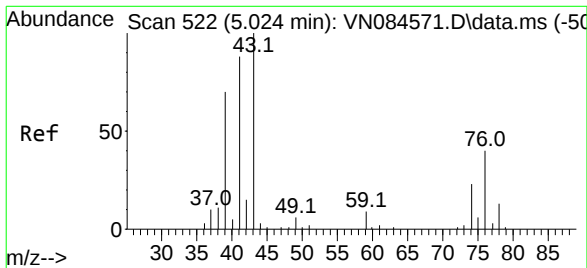
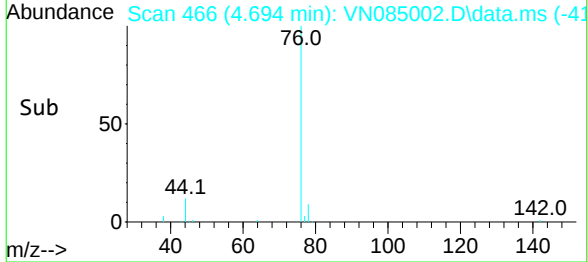
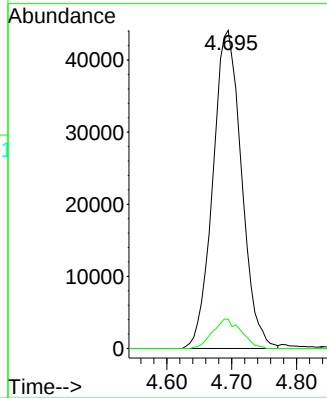
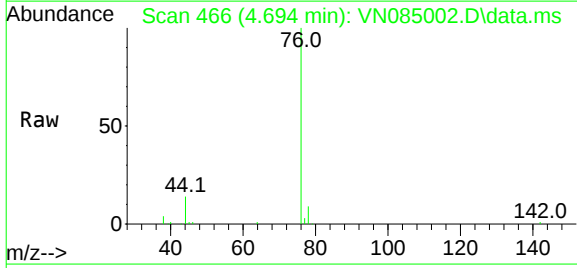
#17
Carbon Disulfide
Concen: 29.224 ug/l
RT: 4.694 min Scan# 46
Delta R.T. -0.018 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 135418
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

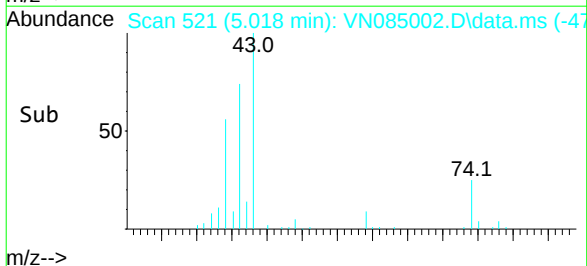
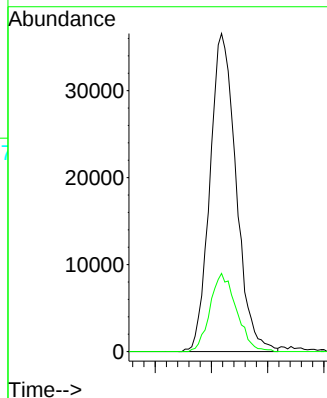
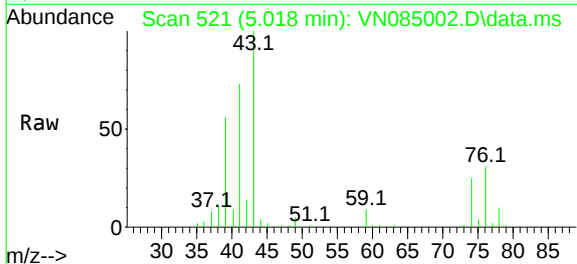
Manual Integrations
APPROVED

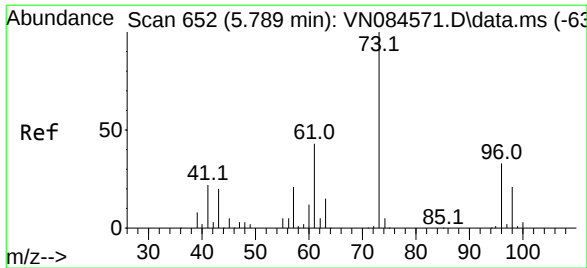
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 59.539 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 43 Resp: 118362
Ion Ratio Lower Upper
43 100
74 24.7 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 58.507 ug/l

RT: 5.794 min Scan# 65

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 269834

Ion Ratio Lower Upper

73 100

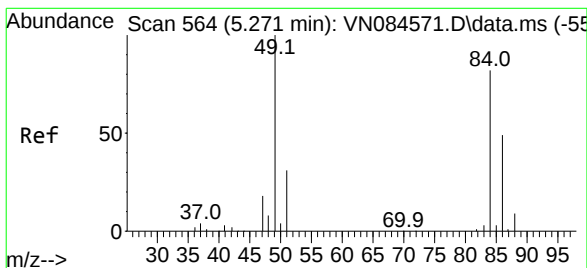
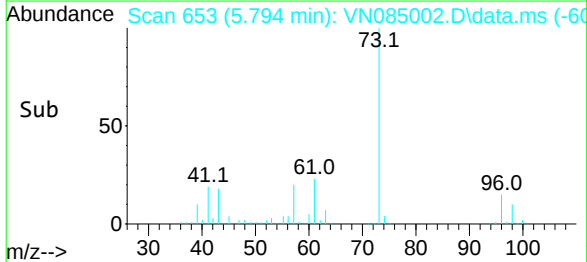
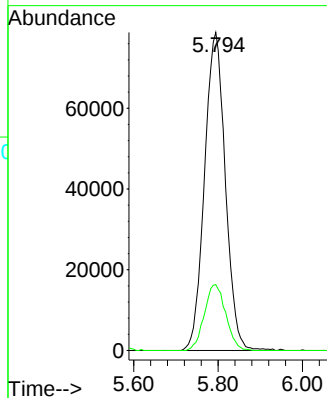
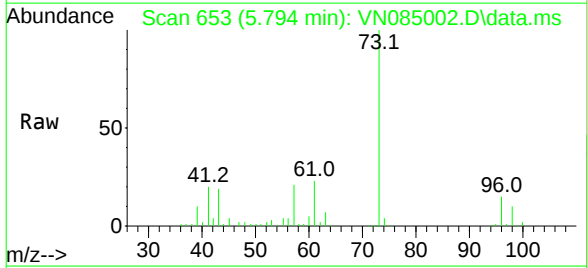
57 20.7 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#20

Methylene Chloride

Concen: 48.310 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Tgt Ion: 84 Resp: 81089

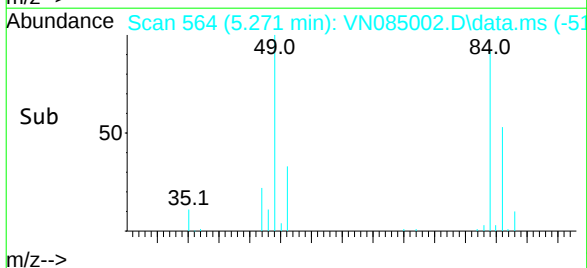
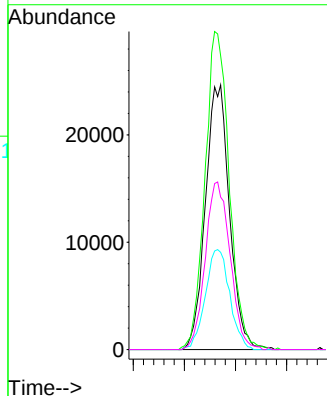
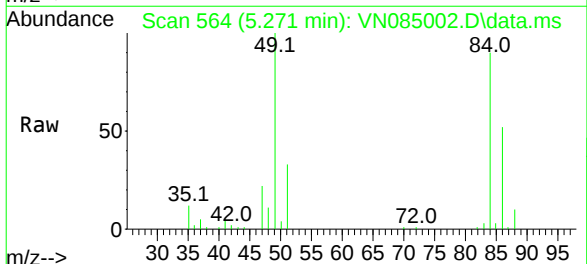
Ion Ratio Lower Upper

84 100

49 111.0 107.2 160.8

51 36.8 31.8 47.8

86 57.6 52.9 79.3





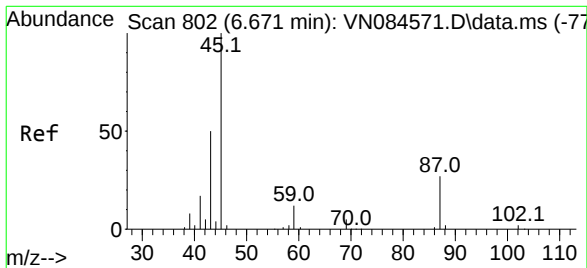
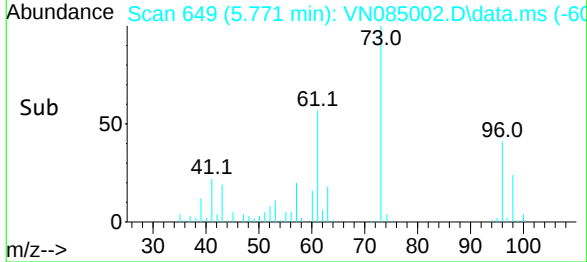
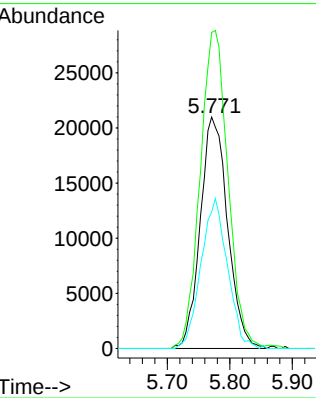
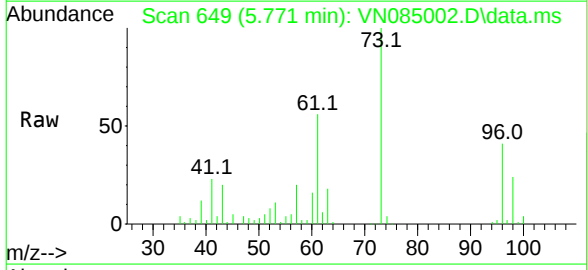
#21
trans-1,2-Dichloroethene
Concen: 41.325 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 63850
Ion Ratio Lower Upper
96 100
61 136.5 108.4 162.6
98 59.0 49.8 74.8

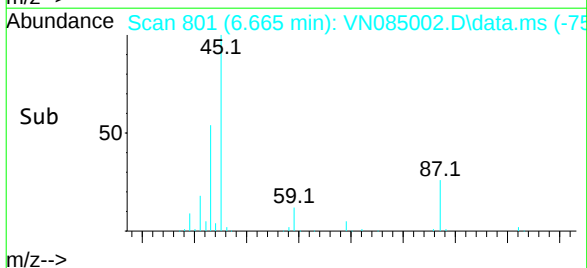
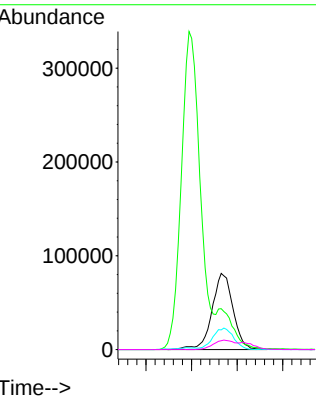
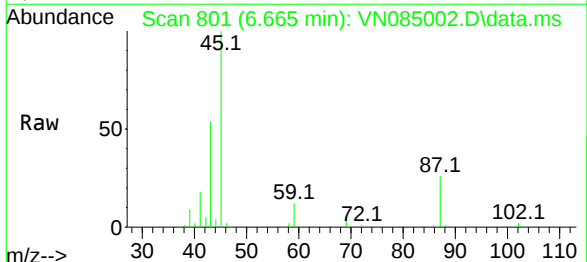
Manual Integrations
APPROVED

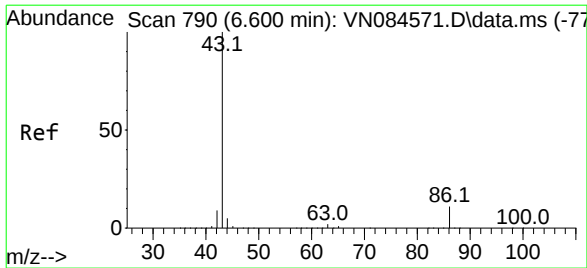
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
Diisopropyl ether
Concen: 53.512 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 45 Resp: 259470
Ion Ratio Lower Upper
45 100
43 52.8 42.3 63.5
87 25.6 21.8 32.6
59 11.3 9.6 14.4





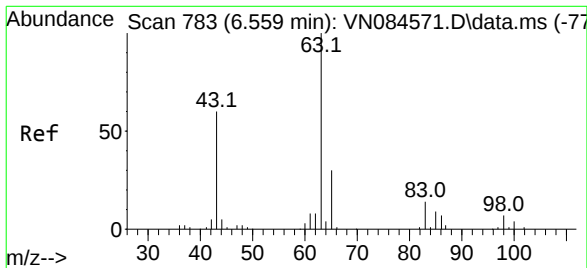
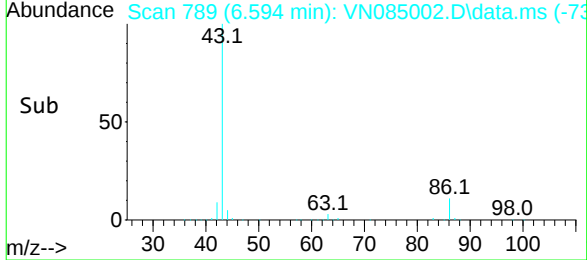
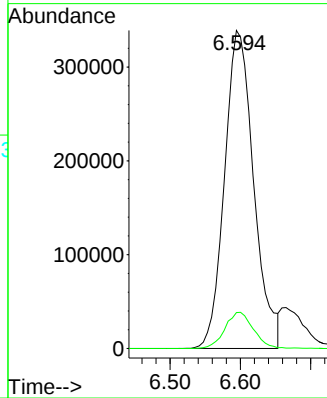
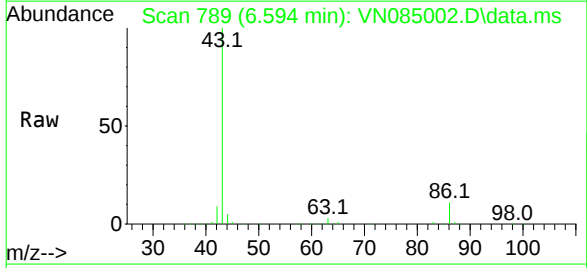
#23
 Vinyl Acetate
 Concen: 292.742 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 978871
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.6 12.8

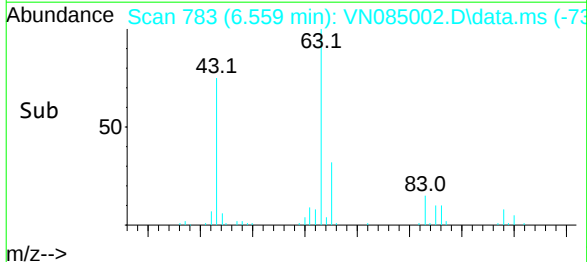
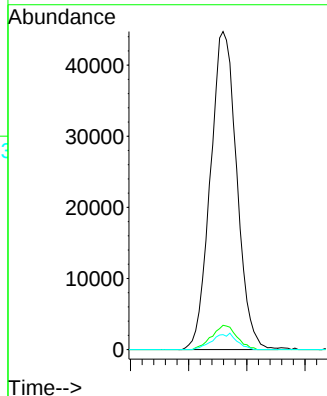
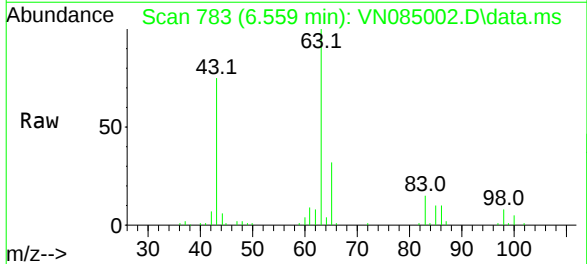
Manual Integrations
 APPROVED

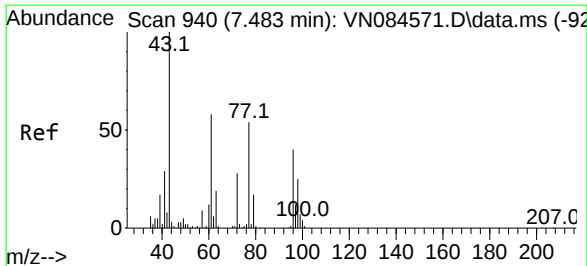
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#24
 1,1-Dichloroethane
 Concen: 48.440 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

Tgt Ion: 63 Resp: 141015
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 4.7 2.0 5.8





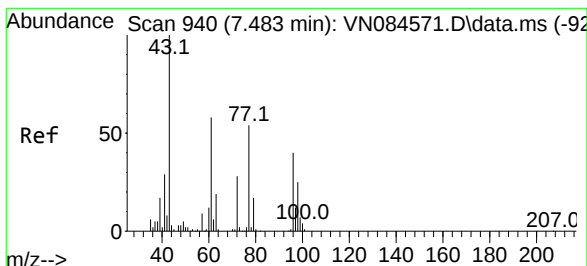
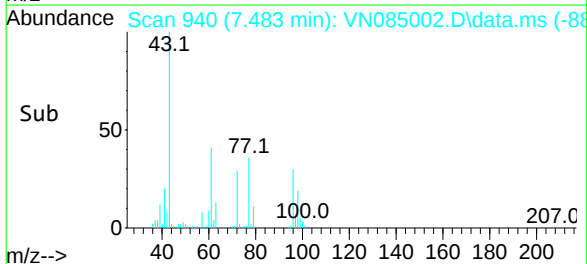
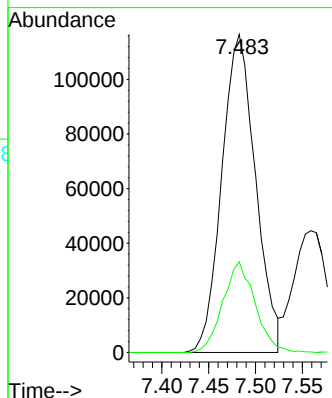
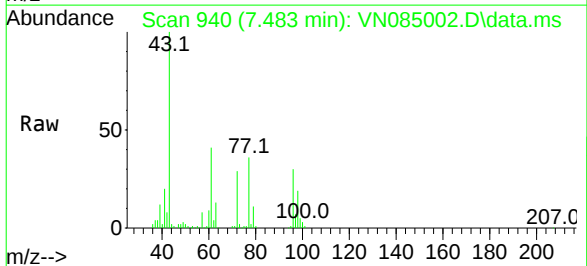
#25
2-Butanone
Concen: 328.128 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 292147
Ion Ratio Lower Upper
43 100
72 28.5 21.4 32.2

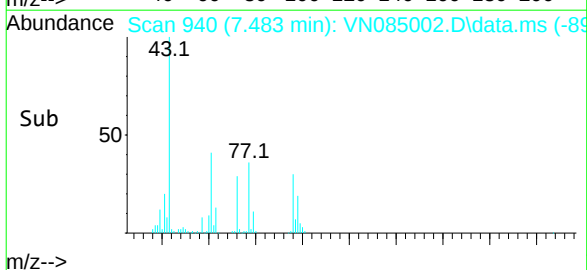
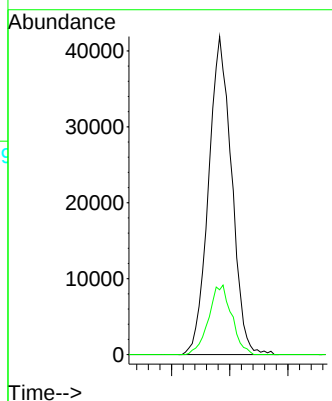
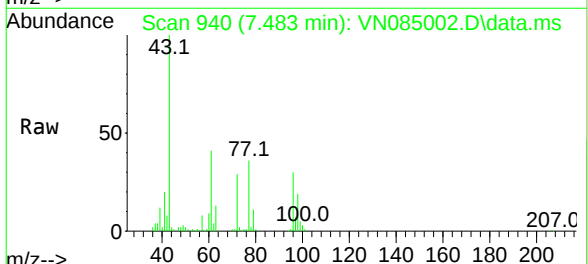
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#26
2,2-Dichloropropane
Concen: 45.616 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

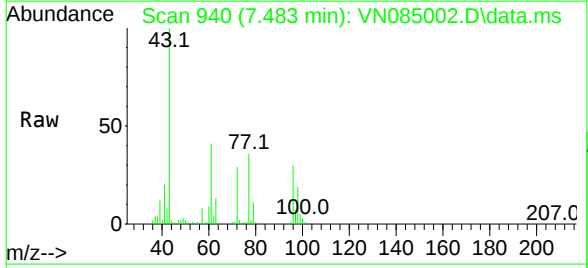
Tgt Ion: 77 Resp: 115580
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 48.131 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

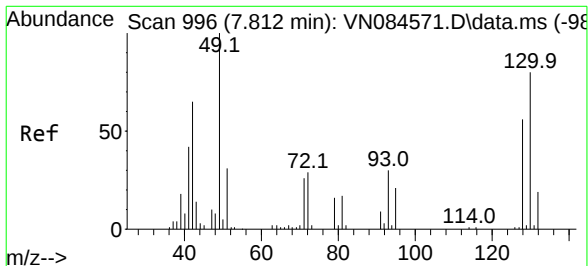
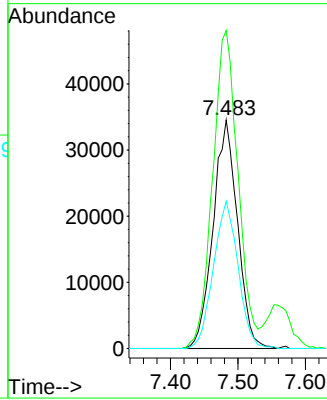
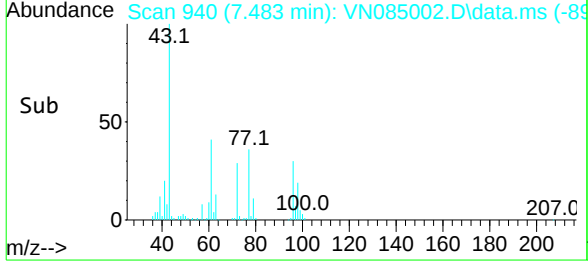
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 86833
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 301.8
 98 65.3 0.0 128.2

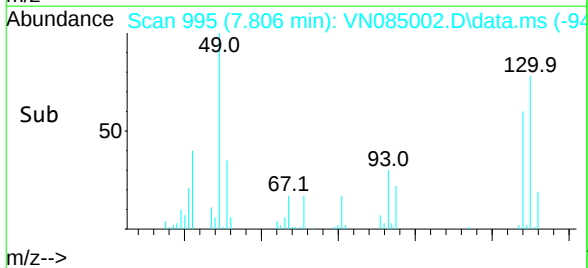
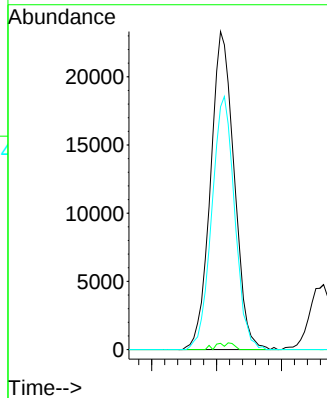
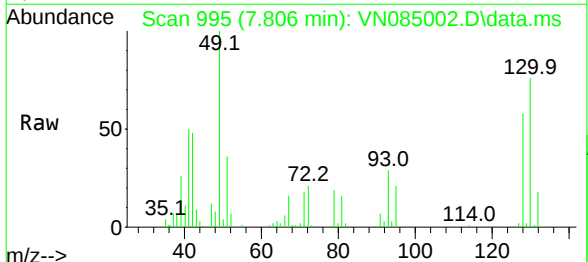
Manual Integrations
 APPROVED

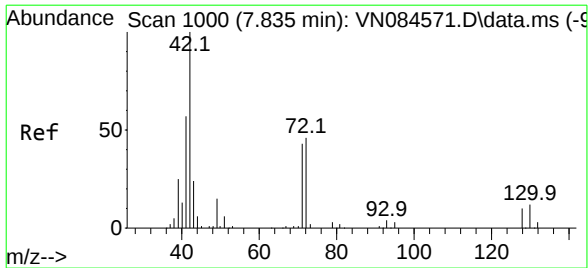
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#28
 Bromochloromethane
 Concen: 50.955 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

Tgt Ion: 49 Resp: 59099
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 3.6
 130 76.9 58.0 87.0





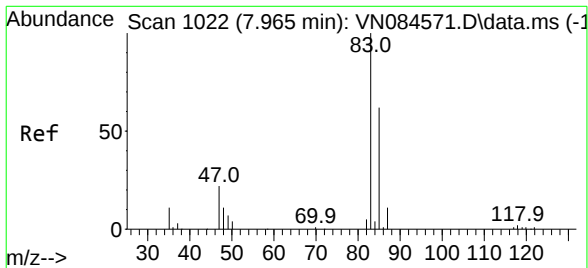
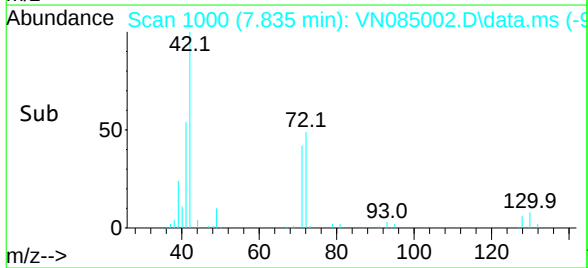
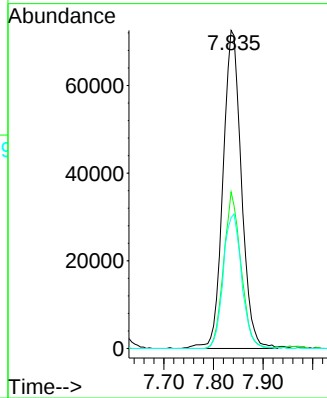
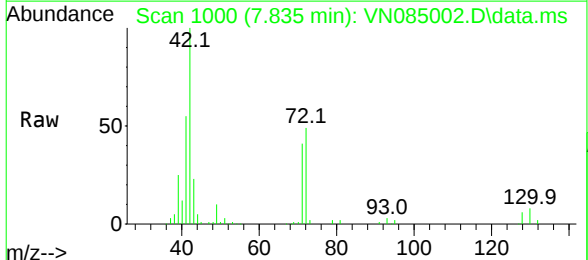
#29
Tetrahydrofuran
Concen: 317.383 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 187468
Ion Ratio Lower Upper
42 100
72 46.1 34.6 51.8
71 42.2 32.2 48.4

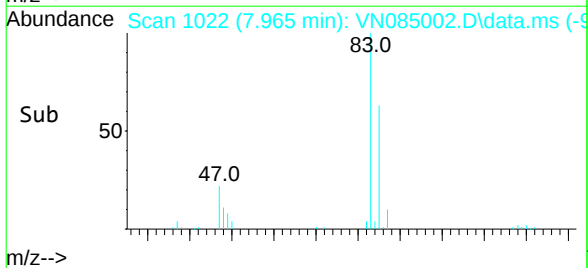
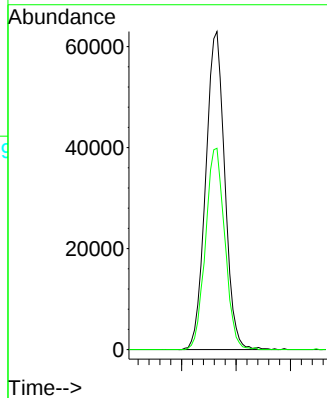
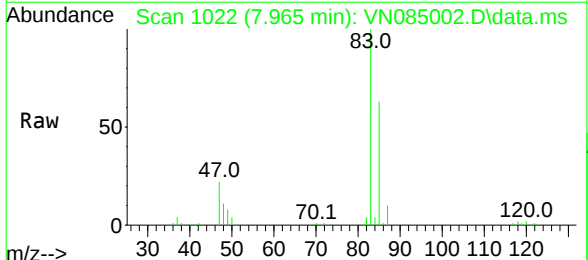
Manual Integrations
APPROVED

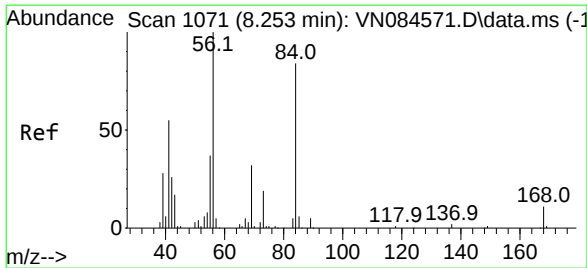
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 51.745 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

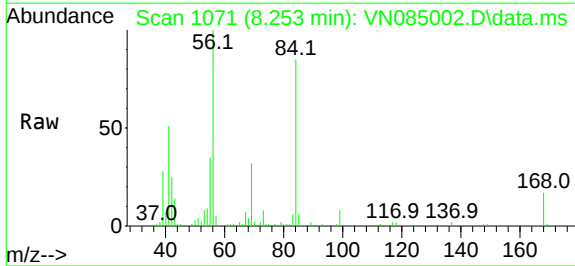
Tgt Ion: 83 Resp: 153321
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.4





#31
Cyclohexane
Concen: 35.439 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

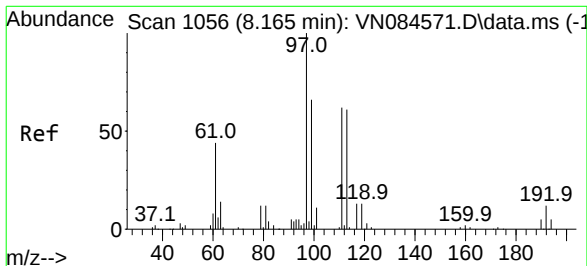
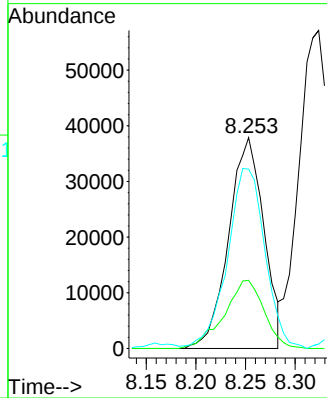
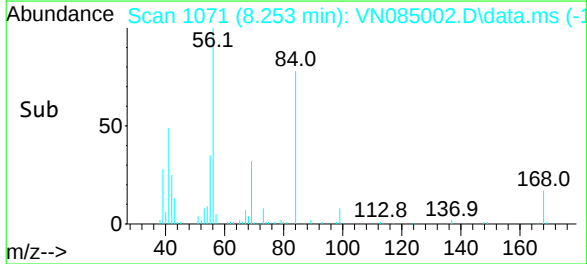
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



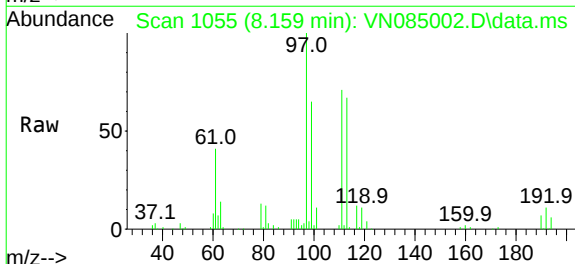
Tgt Ion: 56 Resp: 93374
Ion Ratio Lower Upper
56 100
69 32.3 23.8 35.6
84 84.0 68.8 103.2

Manual Integrations
APPROVED

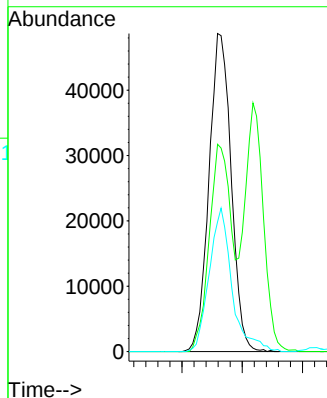
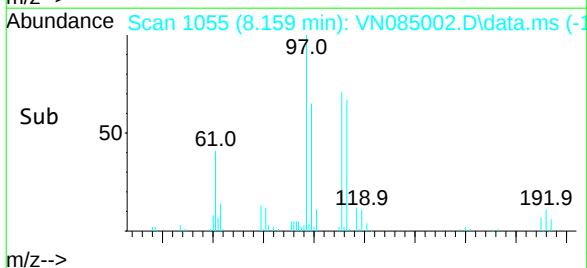
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

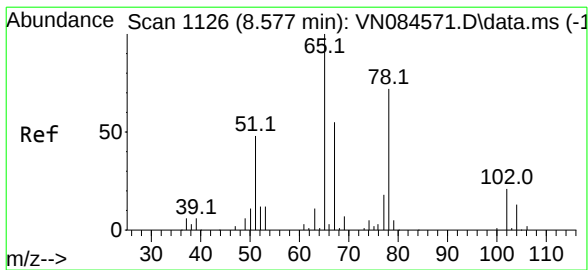


#32
1,1,1-Trichloroethane
Concen: 46.108 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32



Tgt Ion: 97 Resp: 124346
Ion Ratio Lower Upper
97 100
99 63.3 51.2 76.8
61 46.3 37.5 56.3





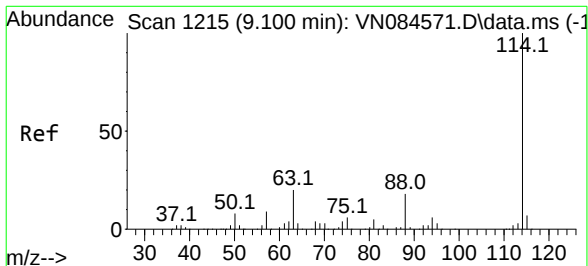
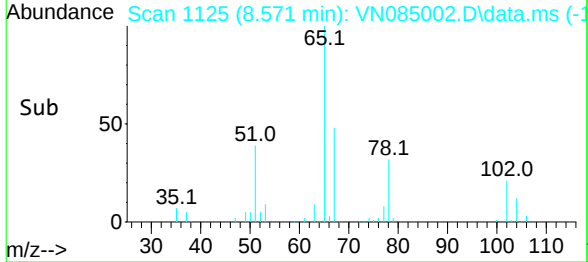
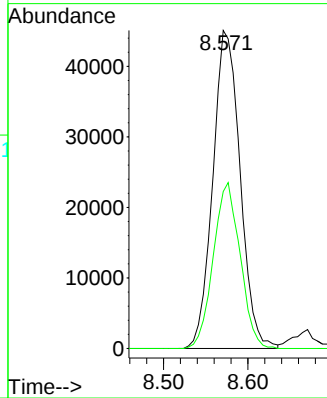
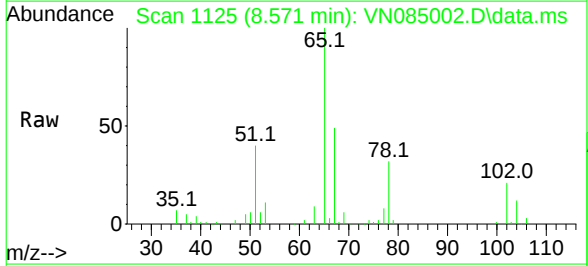
#33
1,2-Dichloroethane-d4
Concen: 53.139 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 101413
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

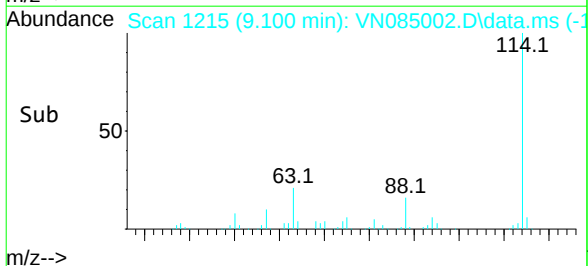
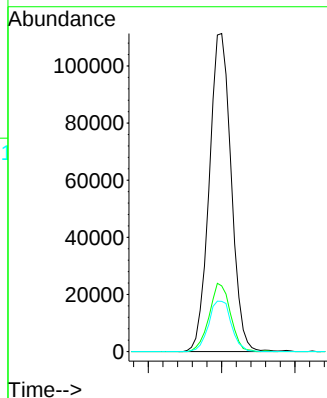
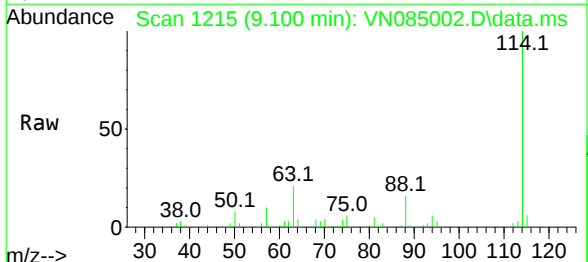
Manual Integrations
APPROVED

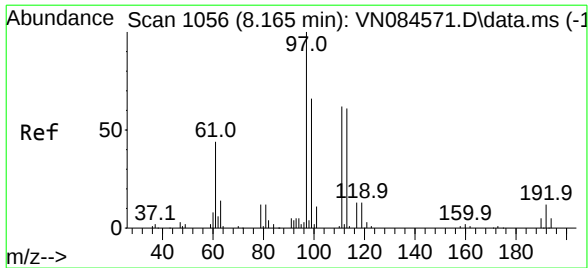
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

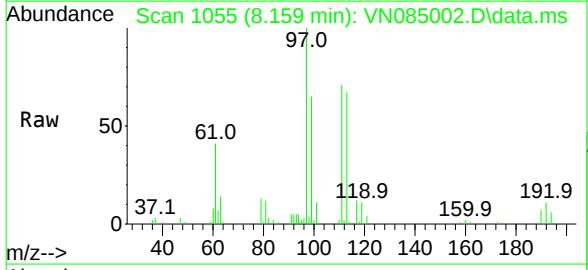
Tgt Ion:114 Resp: 231049
Ion Ratio Lower Upper
114 100
63 20.7 0.0 43.8
88 15.8 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 50.843 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

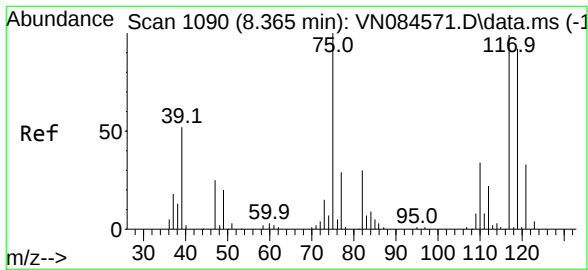
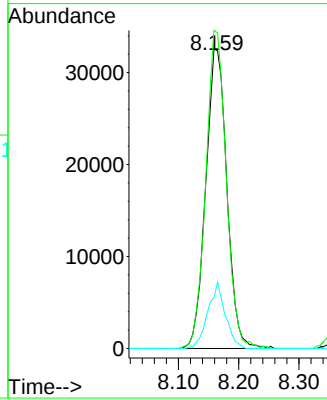
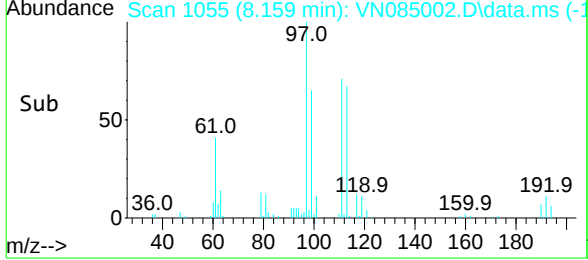
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:	113	Resp:	79515
Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.3	124.9
192	18.3	13.5	20.3

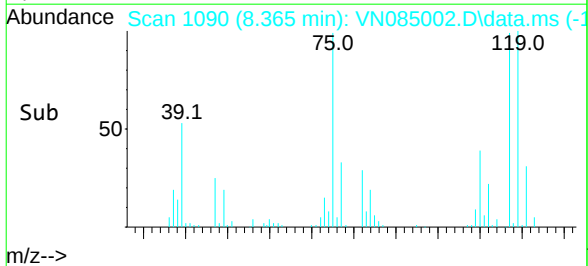
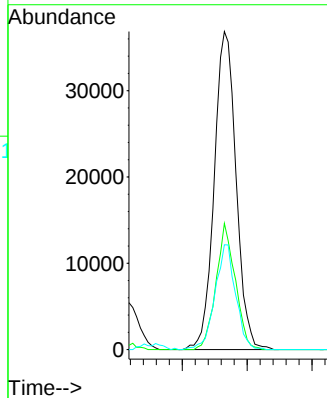
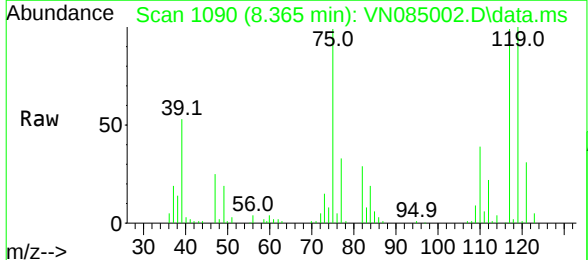
Manual Integrations
 APPROVED

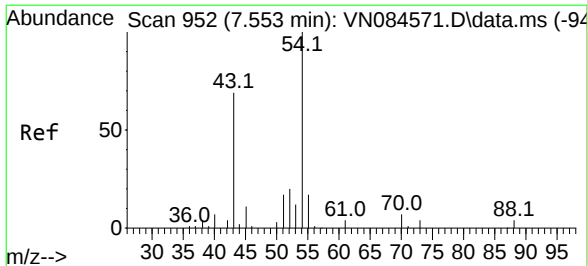
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#36
 1,1-Dichloropropene
 Concen: 39.764 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

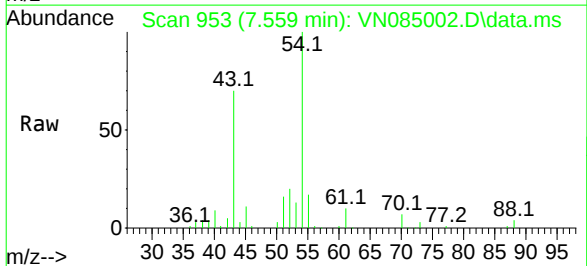
Tgt Ion:	75	Resp:	86247
Ion	Ratio	Lower	Upper
75	100		
110	34.9	16.9	50.7
77	31.2	24.7	37.1





#37
Ethyl Acetate
Concen: 59.207 ug/l
RT: 7.559 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

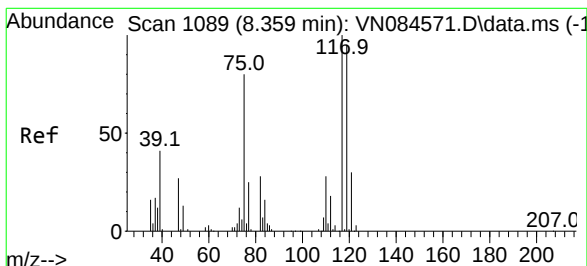
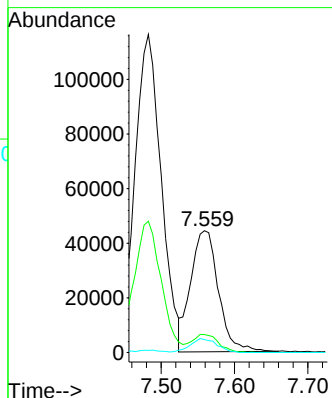
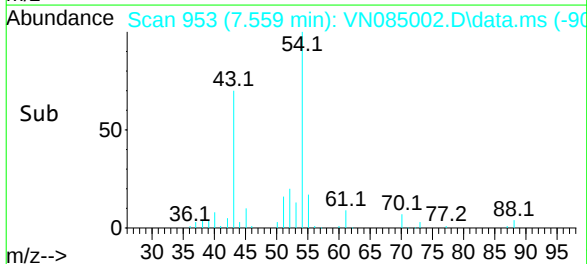
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 116513
Ion Ratio Lower Upper
43 100
61 14.5 10.7 16.1
70 11.0 8.8 13.2

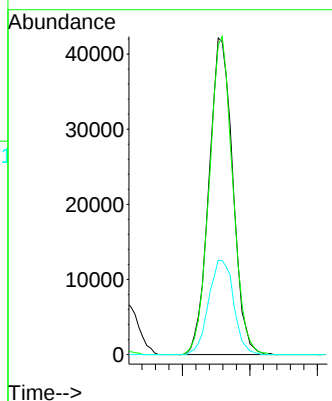
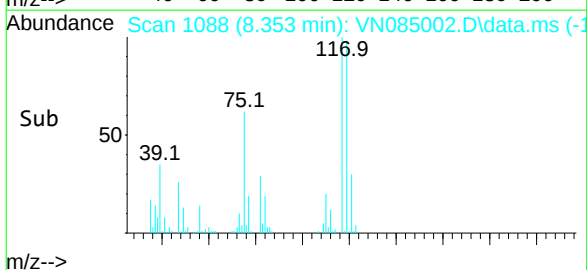
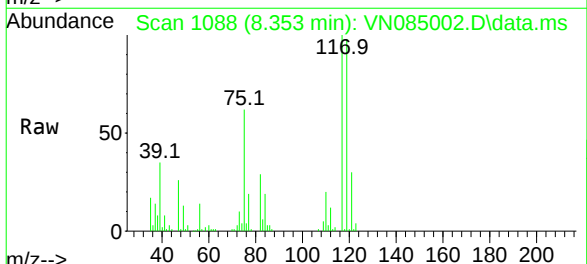
Manual Integrations
APPROVED

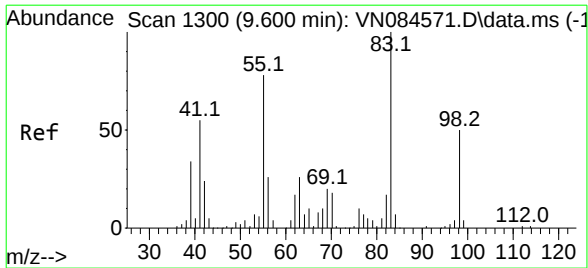
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 42.558 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

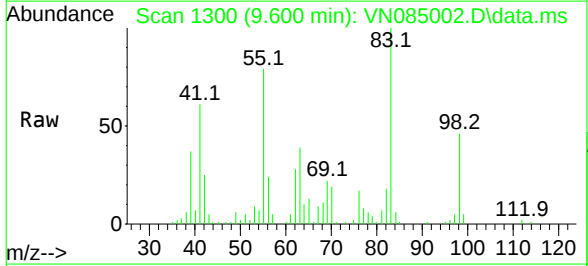
Tgt Ion:117 Resp: 103175
Ion Ratio Lower Upper
117 100
119 97.8 78.7 118.1
121 29.8 24.4 36.6





#39
Methylcyclohexane
Concen: 39.693 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

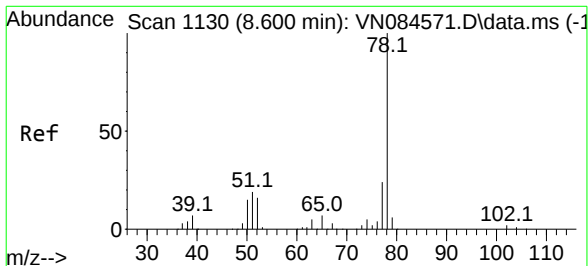
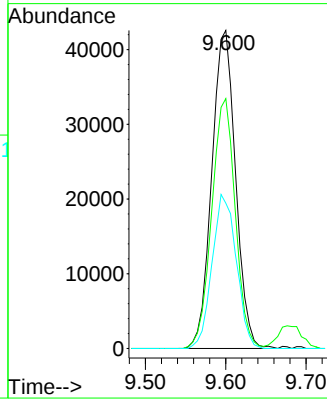
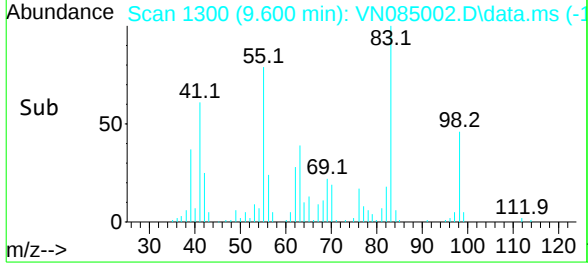
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 87585
Ion Ratio Lower Upper
83 100
55 78.6 62.8 94.2
98 45.7 38.8 58.2

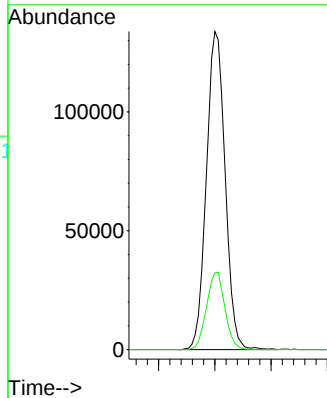
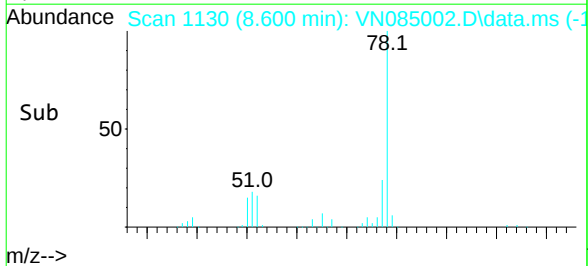
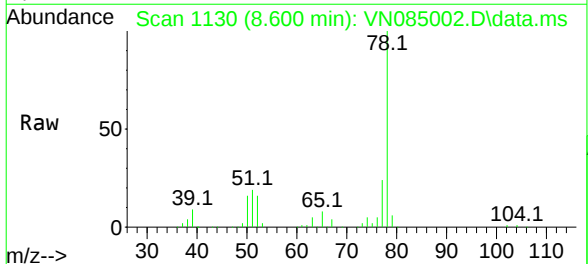
Manual Integrations
APPROVED

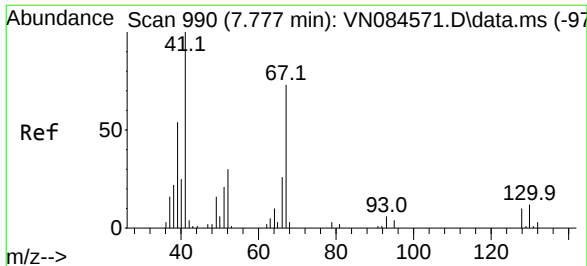
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 44.473 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 78 Resp: 309782
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7





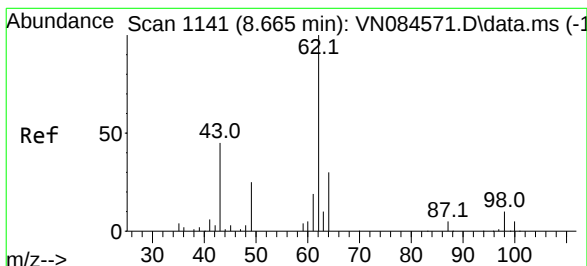
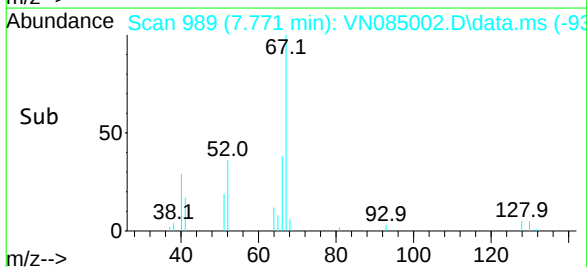
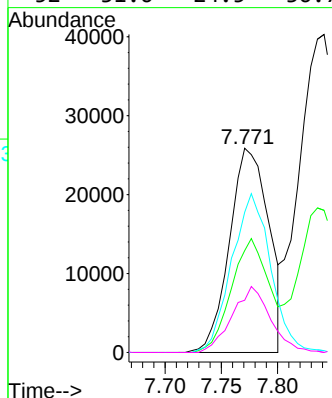
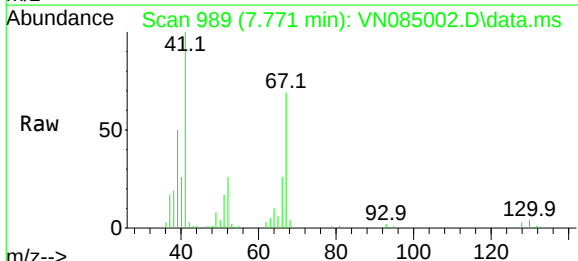
#41
Methacrylonitrile
Concen: 59.375 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	62833
Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.3	64.9
67	77.5	56.1	84.1
52	31.6	24.5	36.7

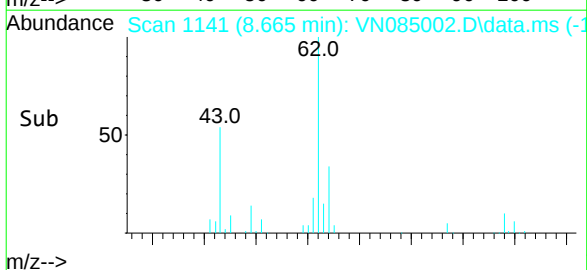
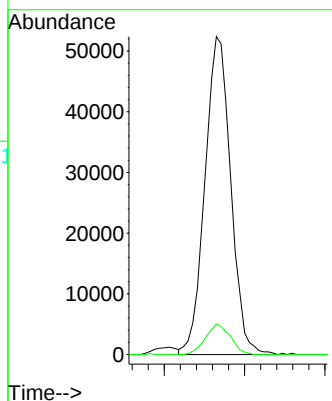
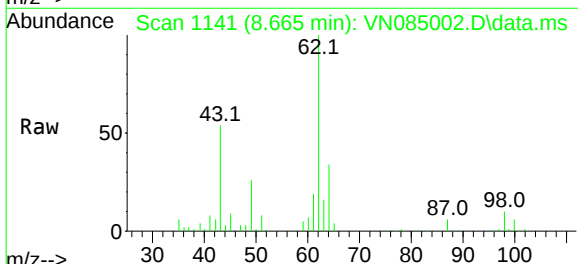
Manual Integrations
APPROVED

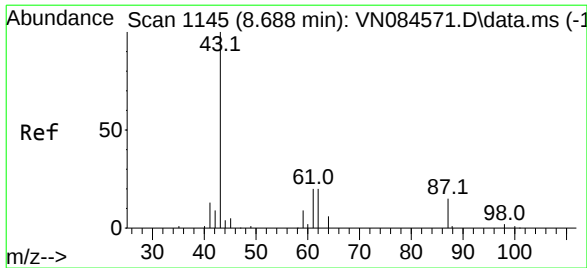
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 51.813 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:	62	Resp:	116883
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

Isopropyl Acetate

Concen: 65.629 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

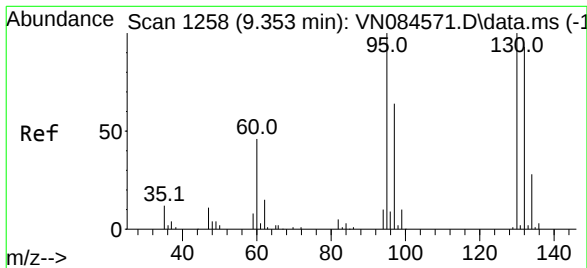
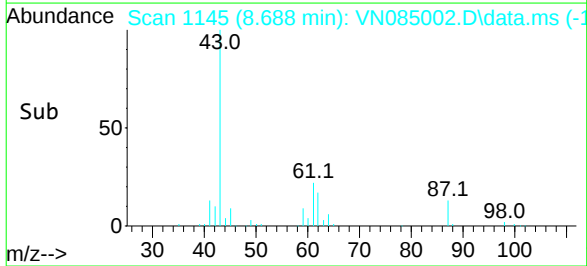
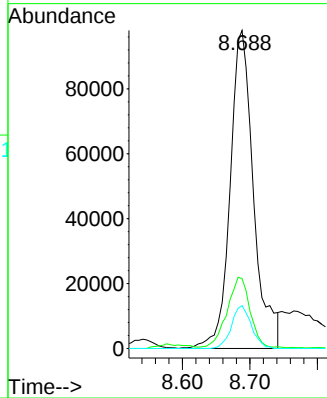
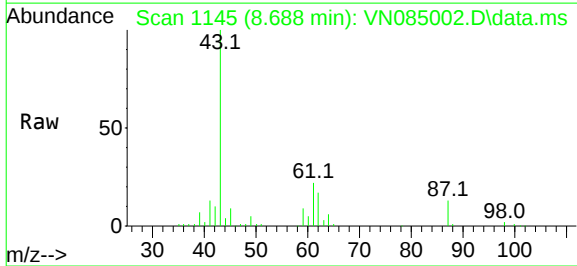
Tgt Ion:	43	Resp:	237499
Ion	Ratio	Lower	Upper
43	100		
61	21.7	20.4	30.6
87	11.4	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#44

Trichloroethene

Concen: 41.598 ug/l

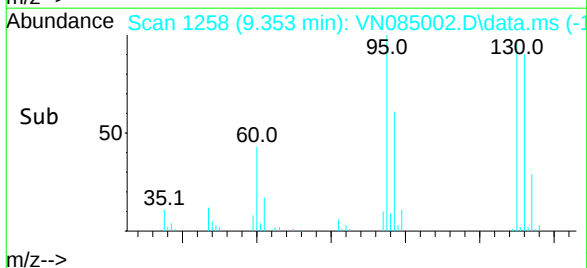
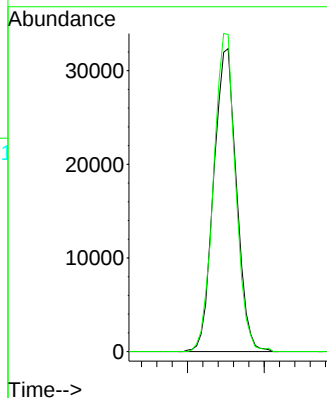
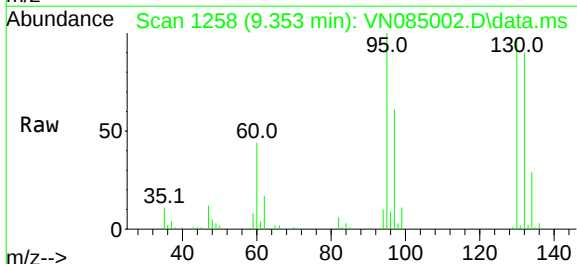
RT: 9.353 min Scan# 1258

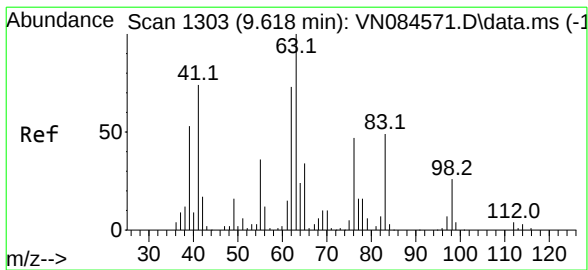
Delta R.T. 0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Tgt Ion:	130	Resp:	66824
Ion	Ratio	Lower	Upper
130	100		
95	104.7	0.0	203.0





#45

1,2-Dichloropropane

Concen: 50.133 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 81916

Ion Ratio Lower Upper

63 100

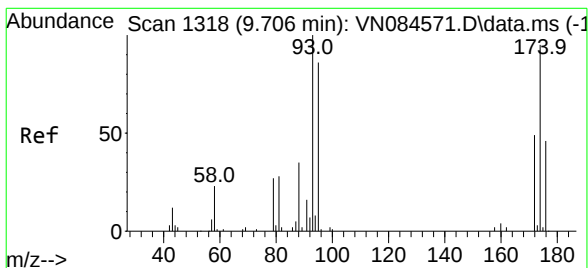
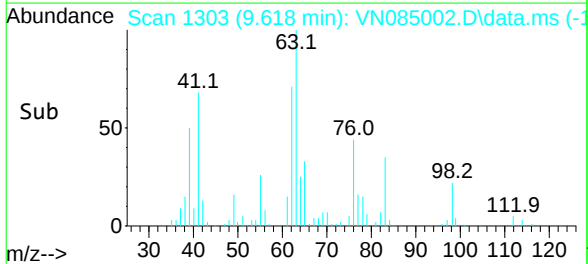
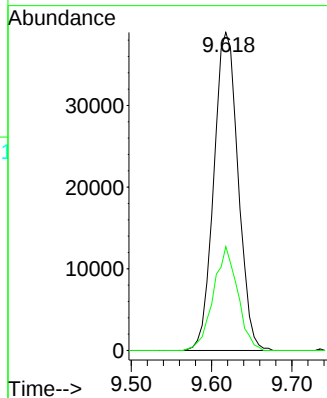
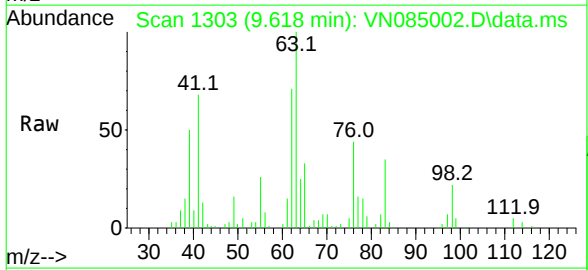
65 32.7 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#46

Dibromomethane

Concen: 51.664 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

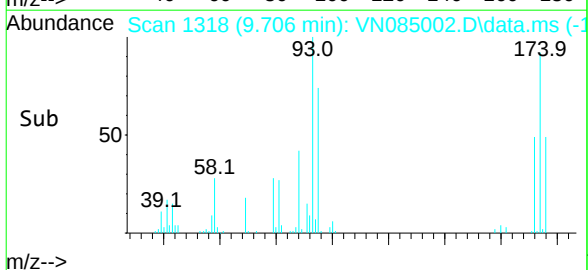
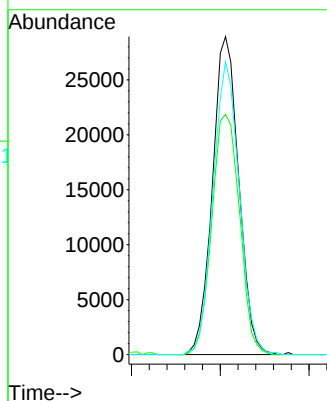
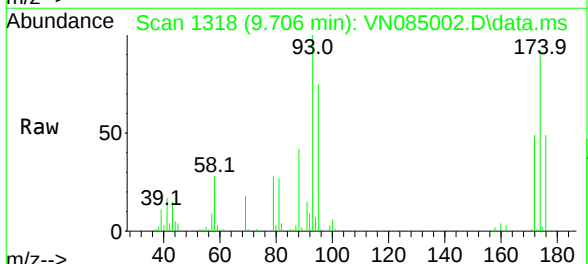
Tgt Ion: 93 Resp: 59568

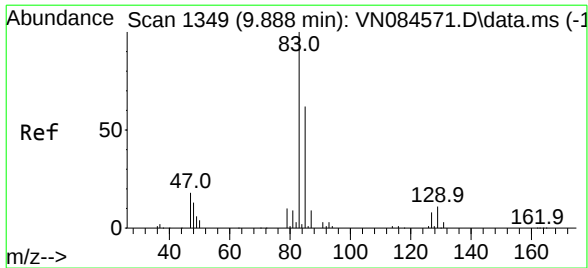
Ion Ratio Lower Upper

93 100

95 79.6 65.0 97.4

174 91.8 71.8 107.8





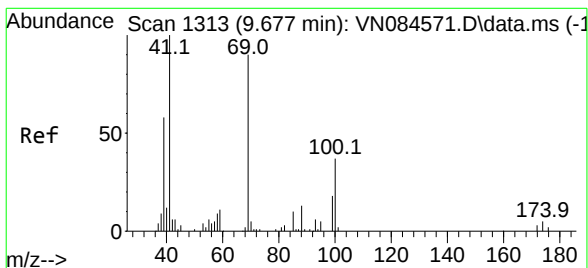
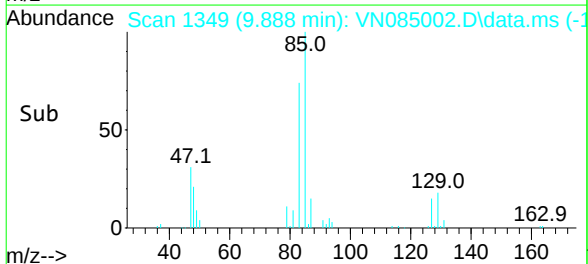
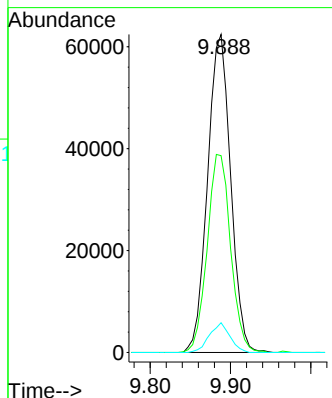
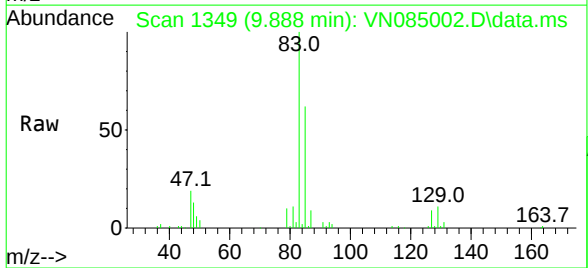
#47
 Bromodichloromethane
 Concen: 51.249 ug/l
 RT: 9.888 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	83	Resp:	124558
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.5	77.3
127	9.4	5.7	8.5

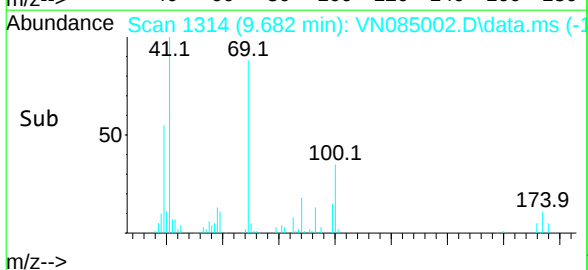
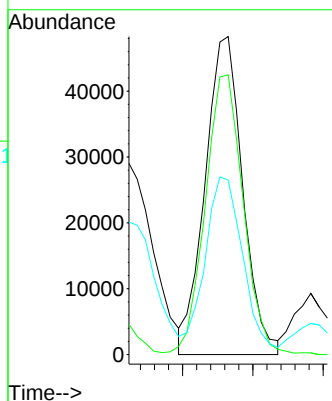
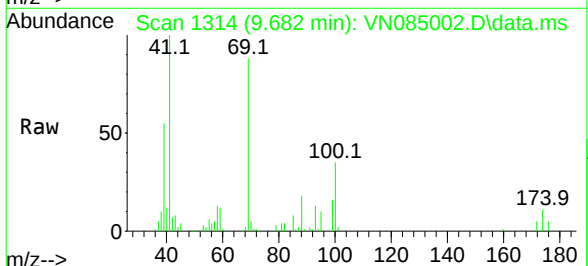
Manual Integrations
 APPROVED

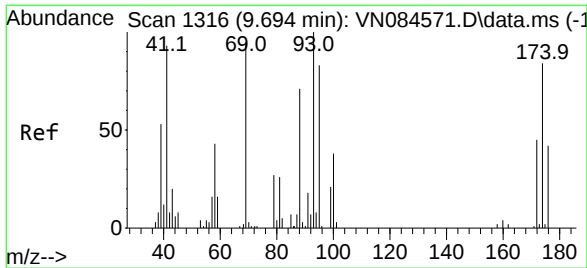
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#48
 Methyl methacrylate
 Concen: 58.719 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.006 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

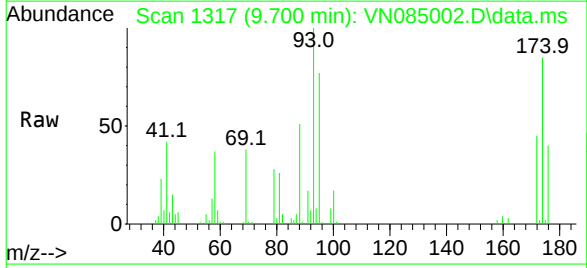
Tgt Ion:	41	Resp:	89931
Ion Ratio	Lower	Upper	
41	100		
69	88.8	67.1	100.7
39	56.7	45.8	68.6





#49
1,4-Dioxane
Concen: 1223.134 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

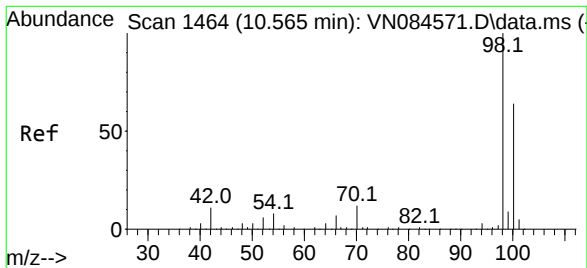
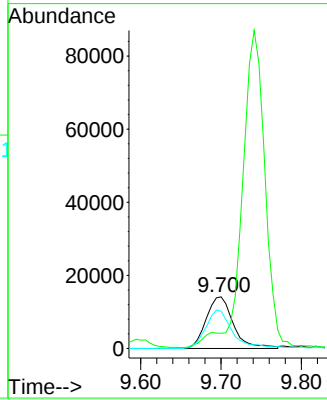
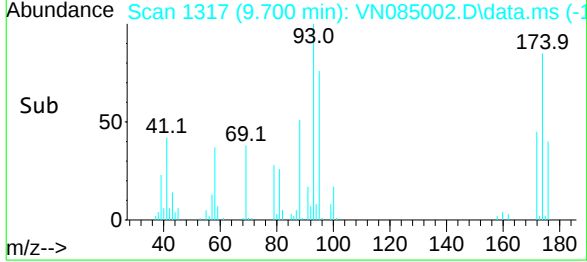
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 33196
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 73.8 56.4 84.6

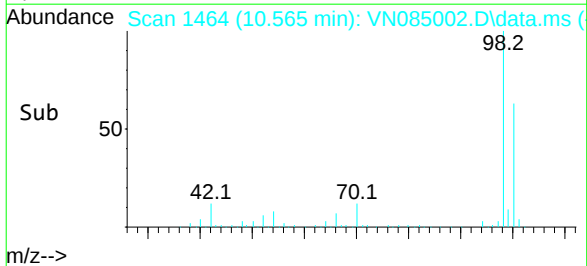
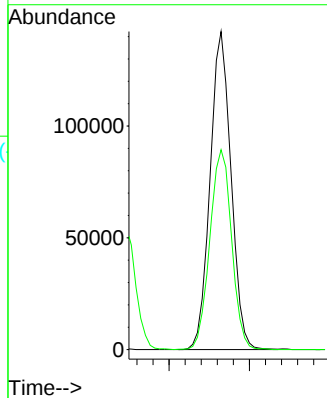
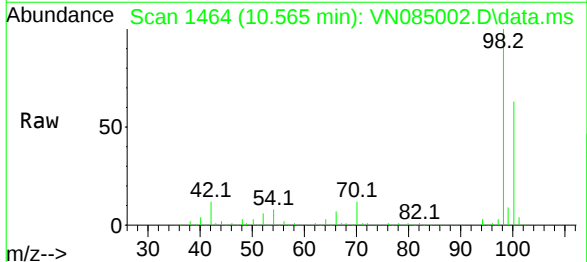
Manual Integrations
APPROVED

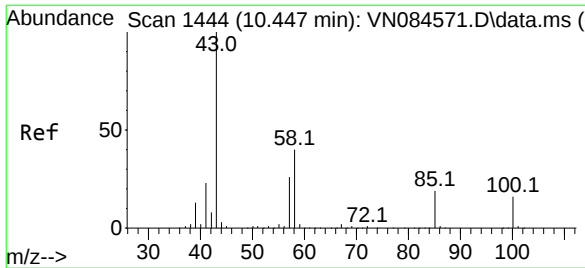
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 44.672 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 98 Resp: 257355
Ion Ratio Lower Upper
98 100
100 65.4 52.7 79.1





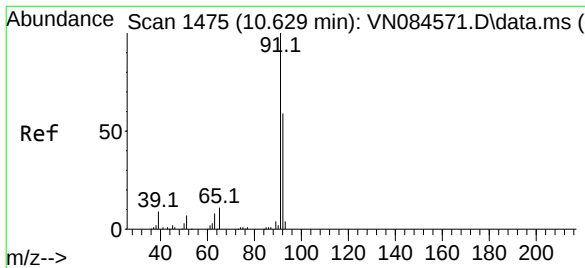
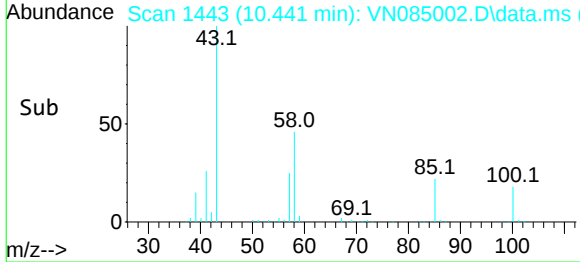
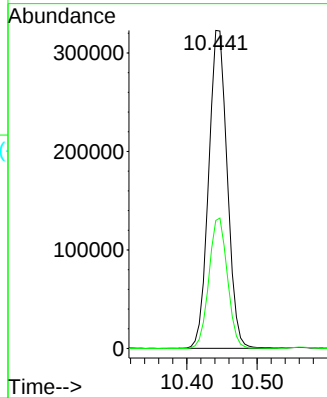
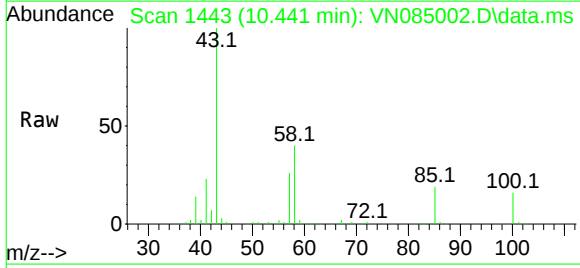
#51
4-Methyl-2-Pentanone
Concen: 316.015 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 592840
Ion Ratio Lower Upper
43 100
58 40.8 31.6 47.4

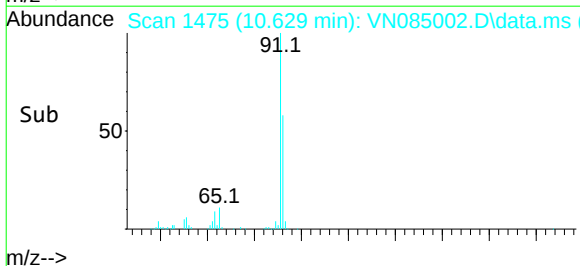
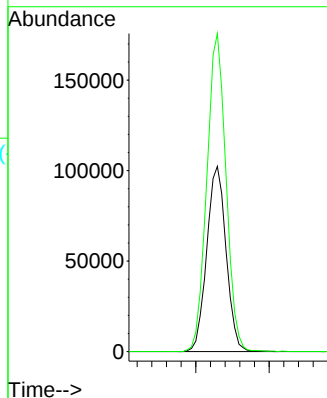
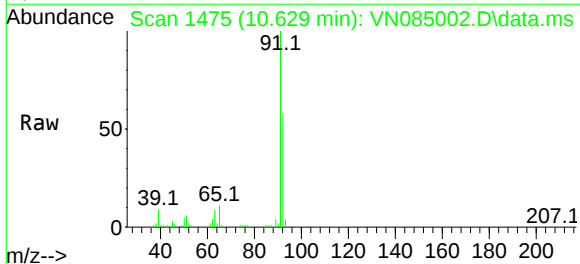
Manual Integrations
APPROVED

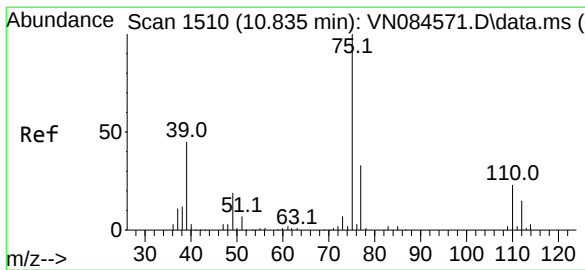
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 46.022 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

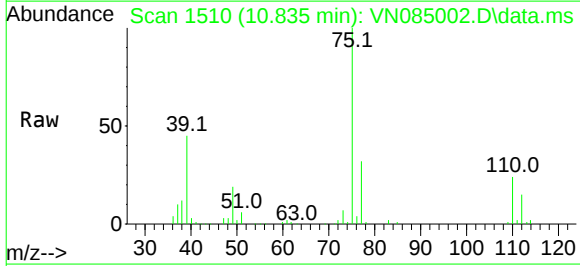
Tgt Ion: 92 Resp: 187485
Ion Ratio Lower Upper
92 100
91 170.2 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 49.230 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32

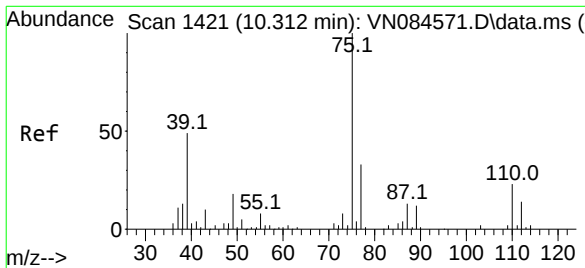
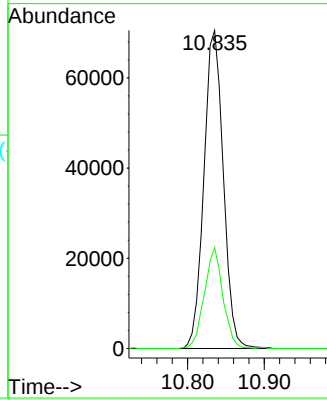
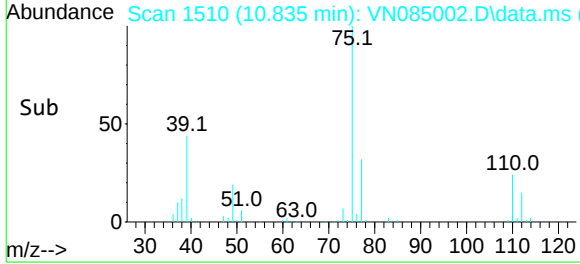
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



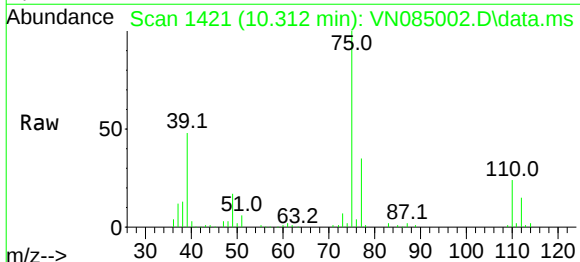
Tgt Ion: 75 Resp: 123851
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

Manual Integrations
 APPROVED

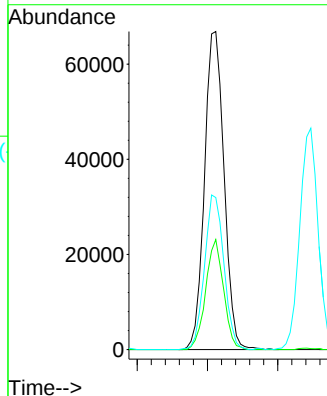
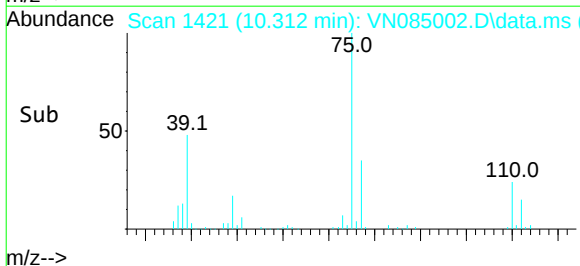
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

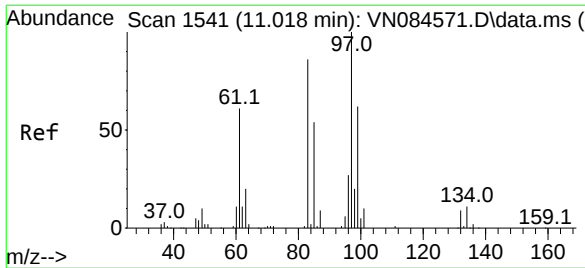


#54
 cis-1,3-Dichloropropene
 Concen: 48.463 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN085002.D
 Acq: 21 Nov 2024 18:32



Tgt Ion: 75 Resp: 129042
 Ion Ratio Lower Upper
 75 100
 77 34.6 24.2 36.2
 39 47.8 38.7 58.1





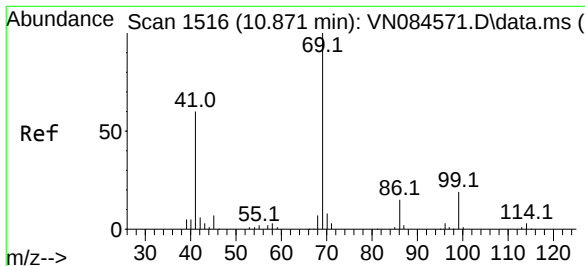
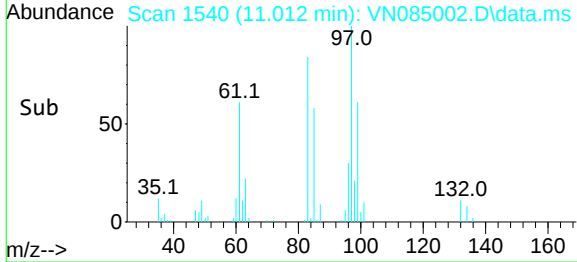
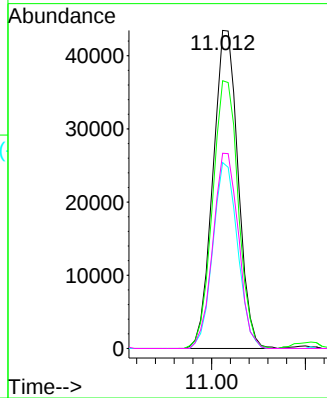
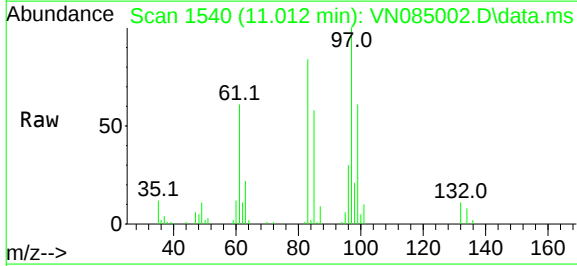
#55
1,1,2-Trichloroethane
Concen: 52.758 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	97	Resp:	80959
Ion	Ratio	Lower	Upper
97	100		
83	84.2	71.0	106.4
85	58.4	41.7	62.5
99	61.4	50.1	75.1

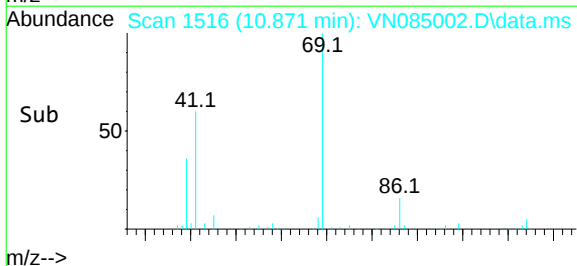
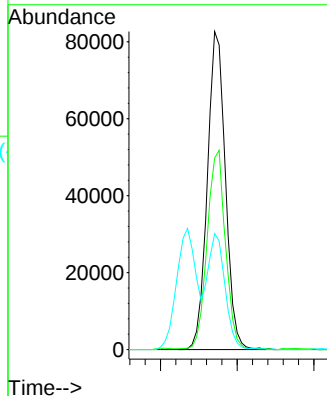
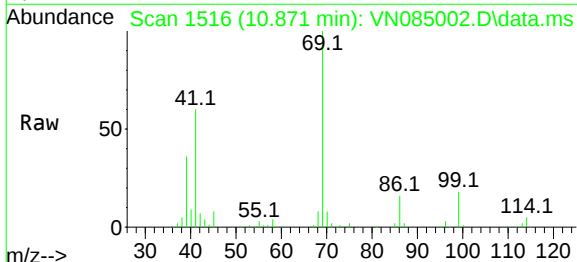
Manual Integrations
APPROVED

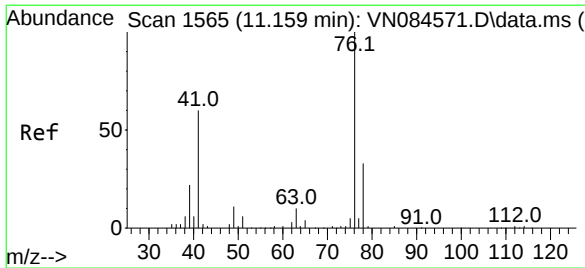
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#56
Ethyl methacrylate
Concen: 60.911 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:	69	Resp:	135203
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.3	79.9
39	35.8	28.8	43.2





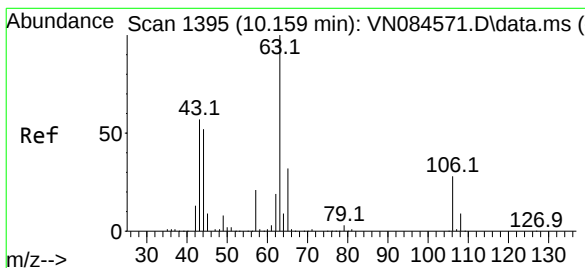
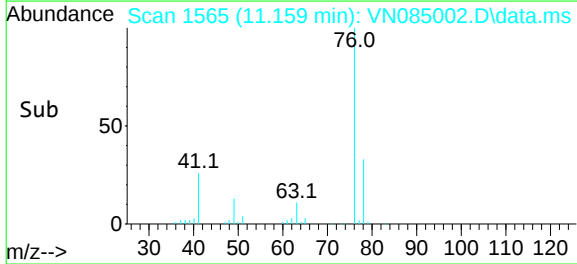
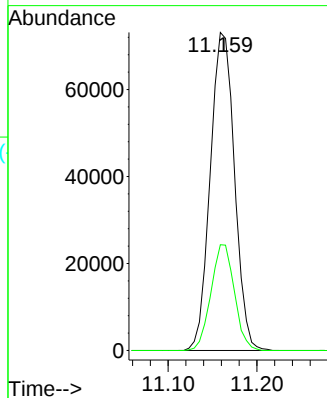
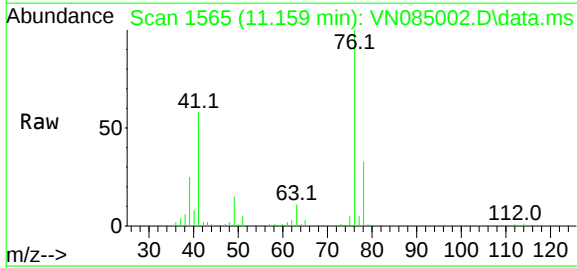
#57
1,3-Dichloropropane
Concen: 52.709 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 138816
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.6

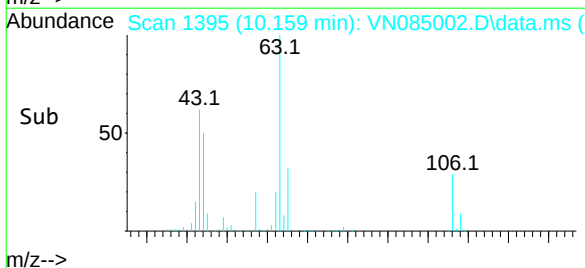
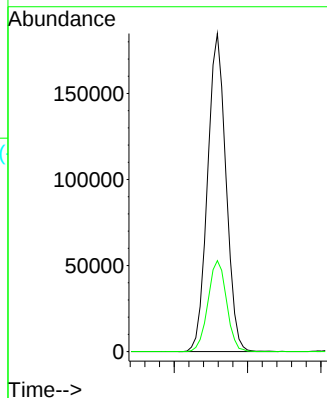
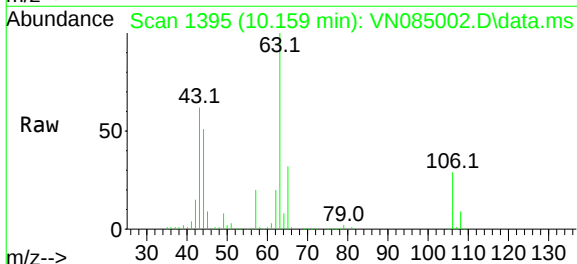
Manual Integrations
APPROVED

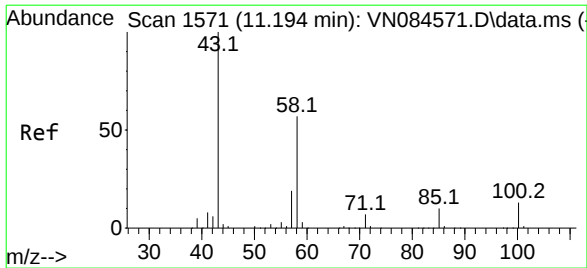
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 309.936 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 63 Resp: 321917
Ion Ratio Lower Upper
63 100
106 28.8 21.8 32.6





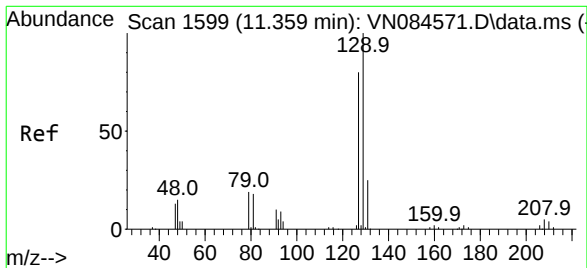
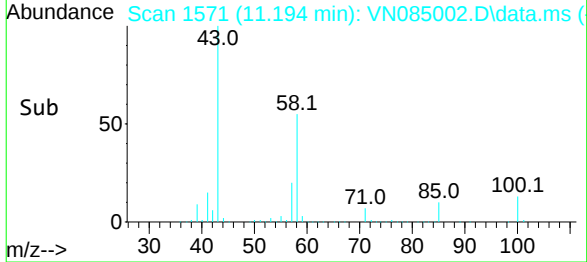
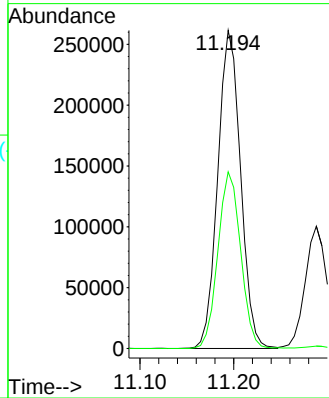
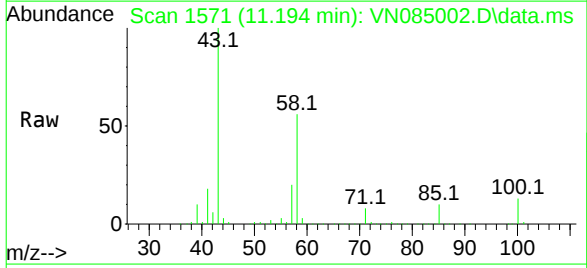
#59
2-Hexanone
Concen: 324.007 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 442432
Ion Ratio Lower Upper
43 100
58 55.3 27.3 81.8

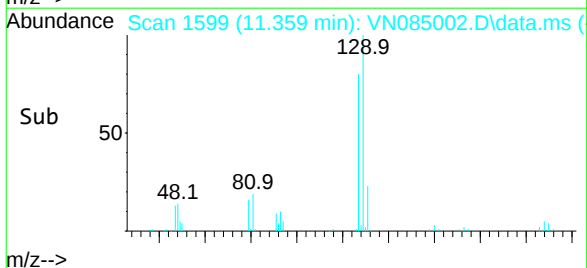
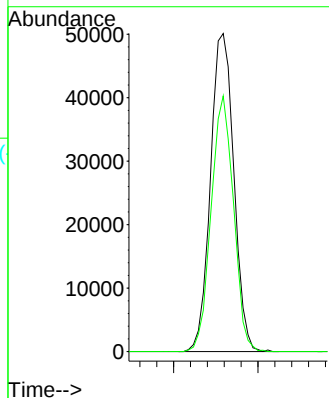
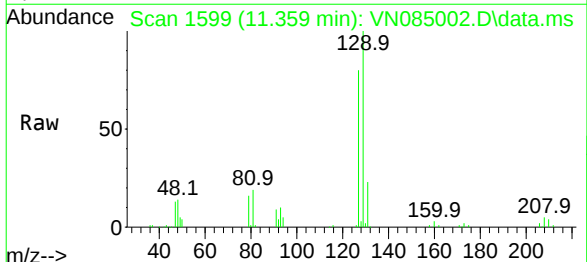
Manual Integrations
APPROVED

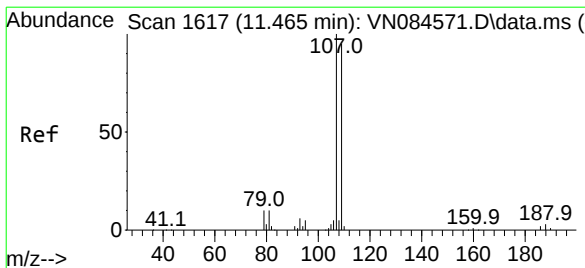
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 55.051 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:129 Resp: 96280
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.9





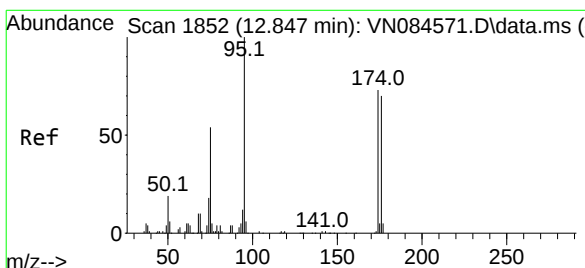
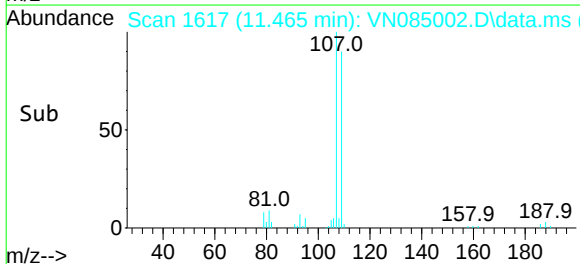
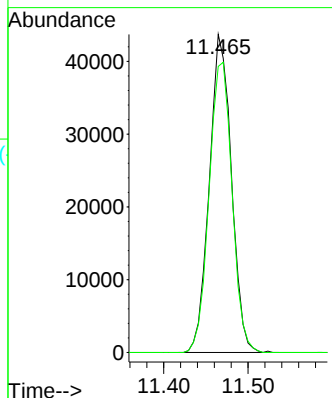
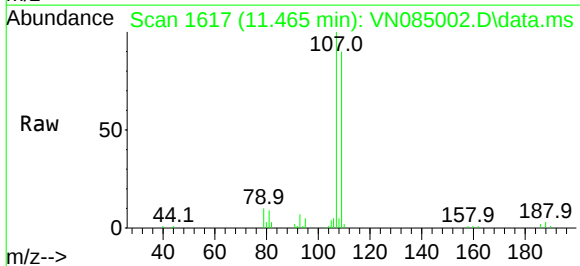
#61
1,2-Dibromoethane
Concen: 50.564 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 79459
Ion Ratio Lower Upper
107 100
109 94.9 75.4 113.0

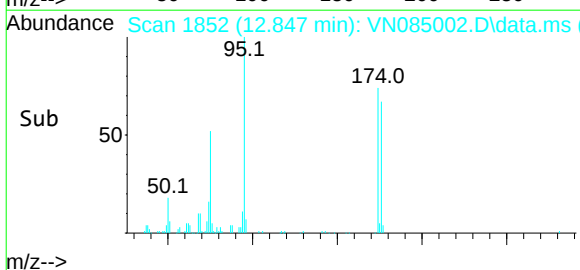
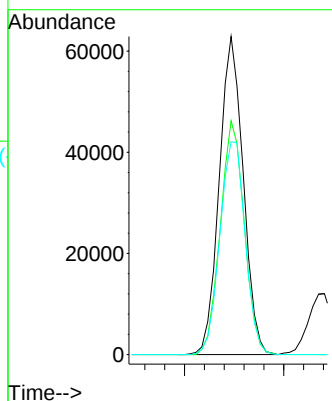
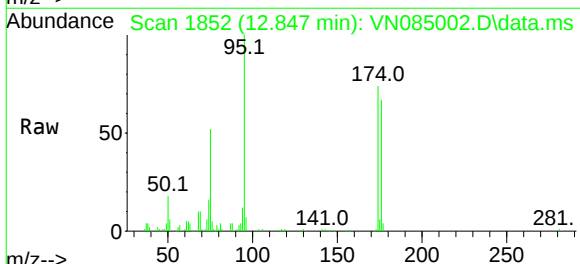
Manual Integrations
APPROVED

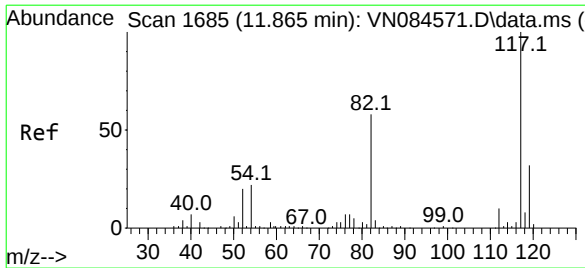
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 48.905 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 95 Resp: 105295
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.2
176 70.8 0.0 140.0





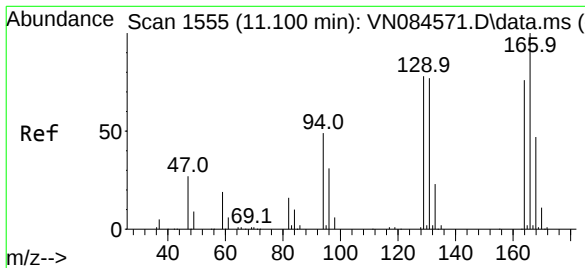
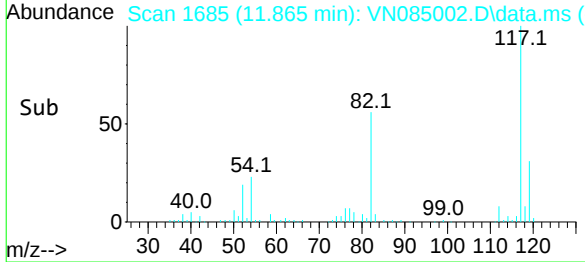
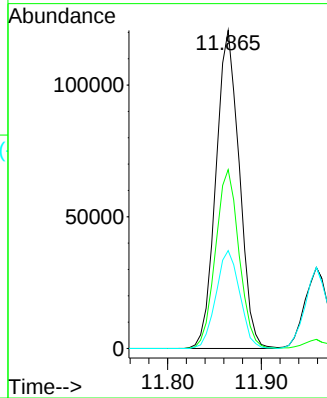
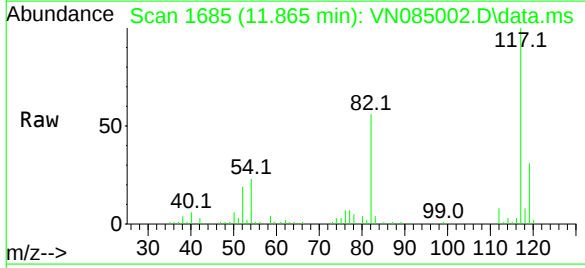
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 209355
Ion Ratio Lower Upper
117 100
82 56.2 47.2 70.8
119 30.8 25.4 38.0

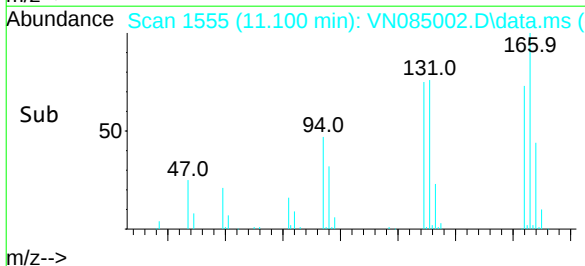
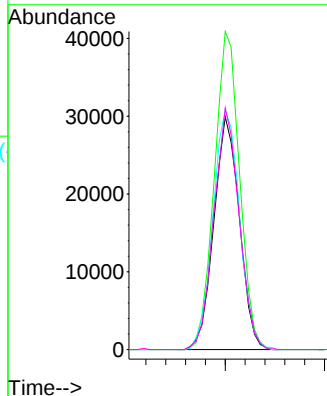
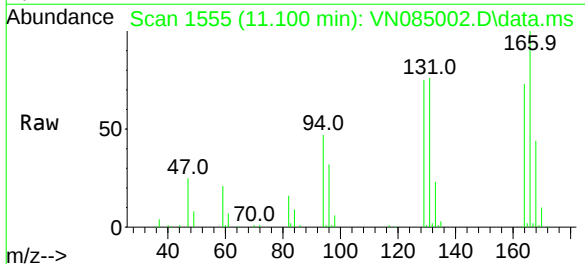
Manual Integrations
APPROVED

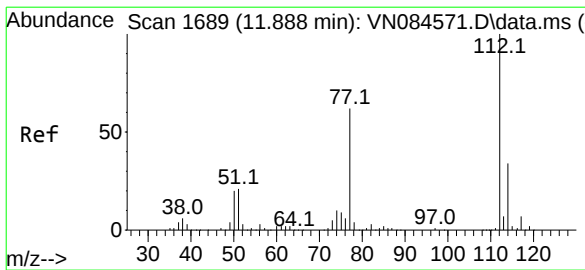
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Tetrachloroethene
Concen: 38.286 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

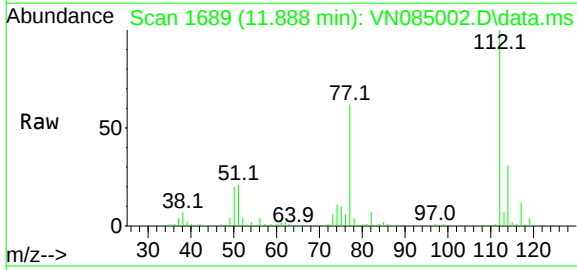
Tgt Ion:164 Resp: 53315
Ion Ratio Lower Upper
164 100
166 136.6 101.0 151.4
129 102.8 80.8 121.2
131 103.7 78.1 117.1





#65
Chlorobenzene
Concen: 43.768 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

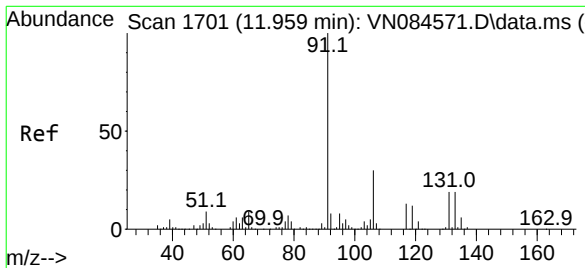
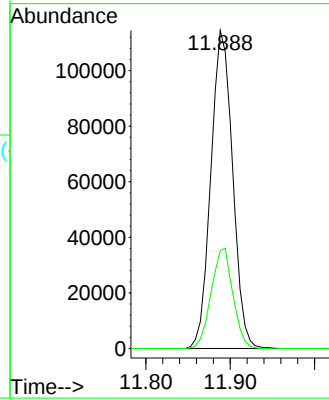
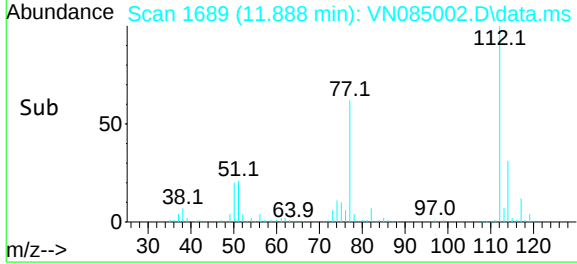
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 204995
Ion Ratio Lower Upper
112 100
114 30.8 27.0 40.6

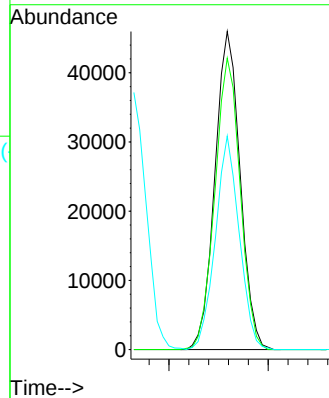
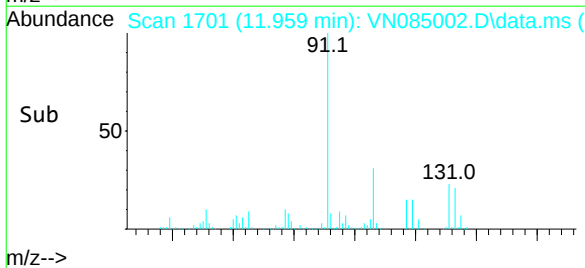
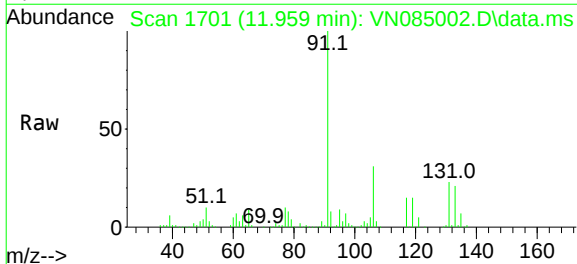
Manual Integrations
APPROVED

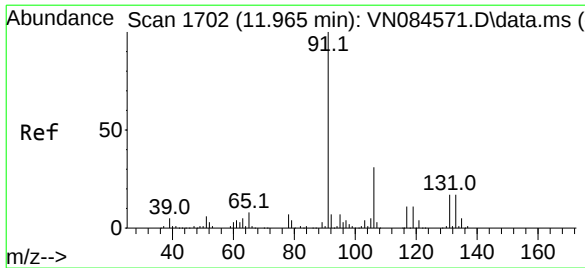
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.854 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:131 Resp: 81219
Ion Ratio Lower Upper
131 100
133 91.8 47.9 143.7
119 63.5 32.8 98.3





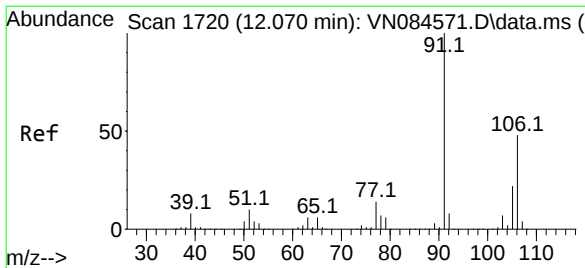
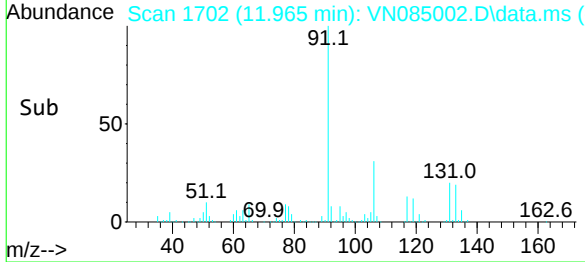
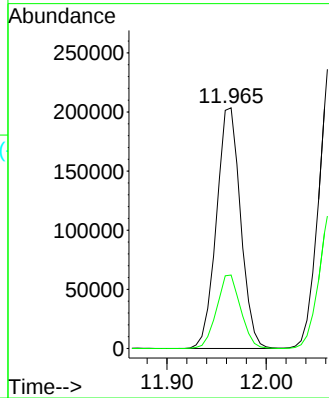
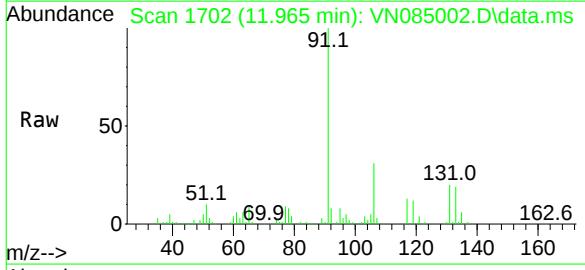
#67
Ethyl Benzene
Concen: 44.017 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 344127
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

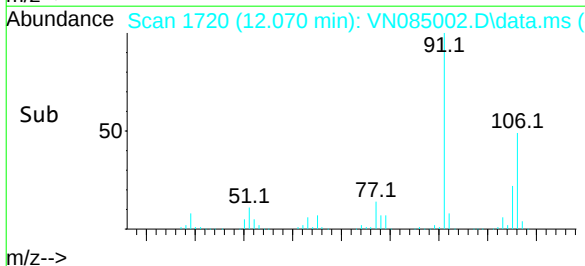
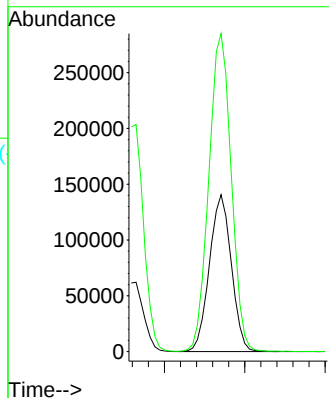
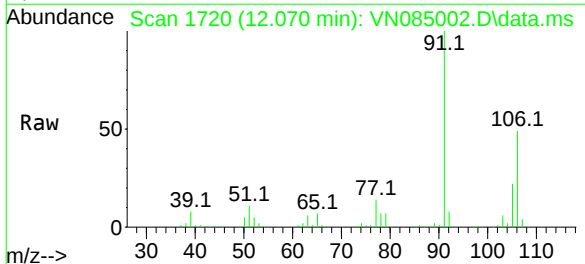
Manual Integrations
APPROVED

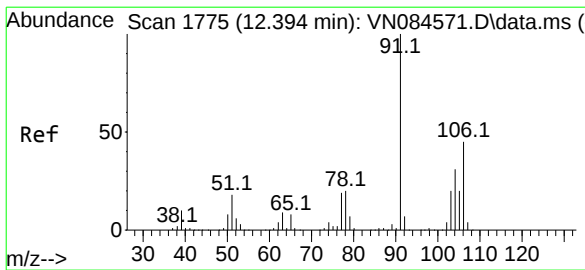
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
m/p-Xylenes
Concen: 90.073 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:106 Resp: 266599
Ion Ratio Lower Upper
106 100
91 207.2 167.1 250.7





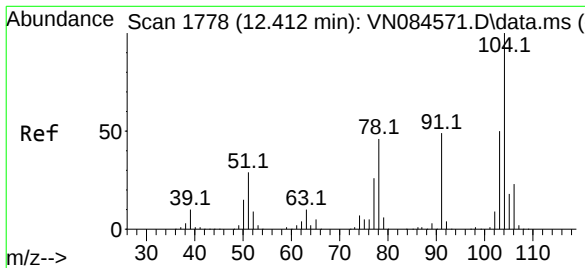
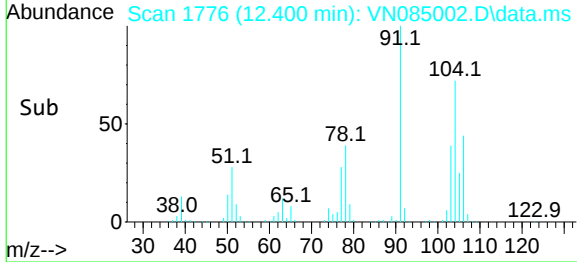
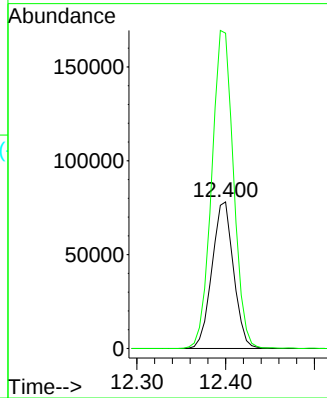
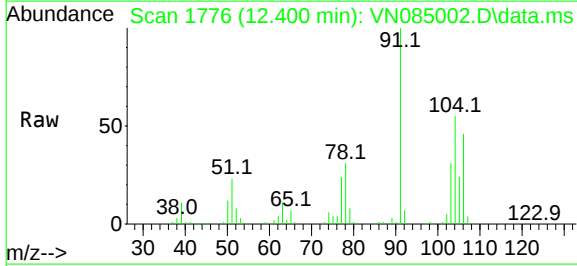
#69
o-Xylene
Concen: 47.550 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 131658
Ion Ratio Lower Upper
106 100
91 219.4 110.2 330.6

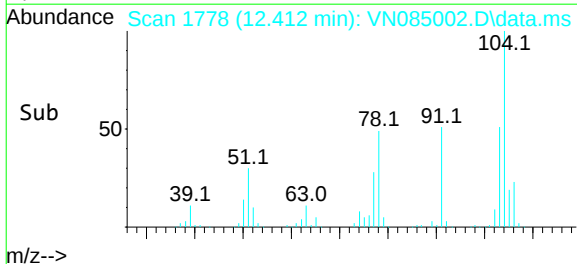
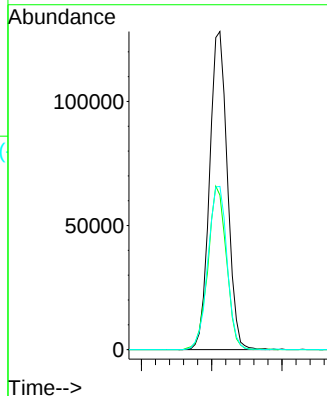
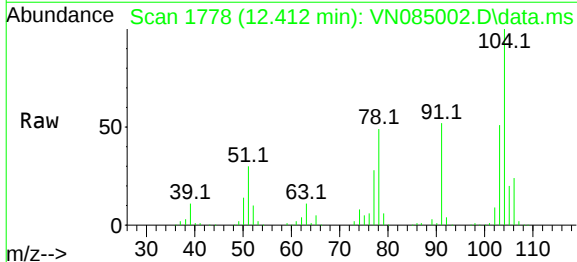
Manual Integrations
APPROVED

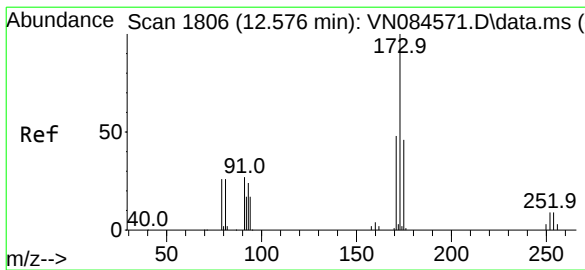
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70
Styrene
Concen: 46.753 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:104 Resp: 225818
Ion Ratio Lower Upper
104 100
78 52.9 42.7 64.1
103 54.9 43.6 65.4





#71

Bromoform

Concen: 51.919 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

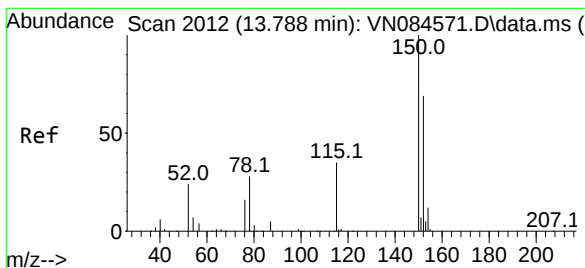
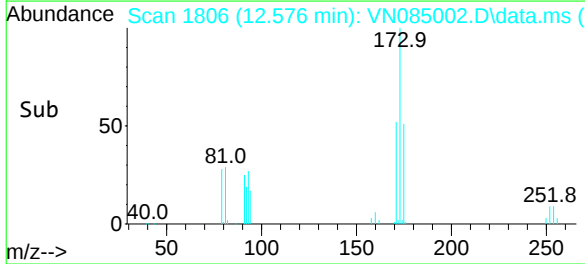
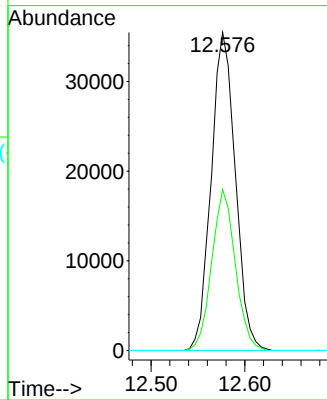
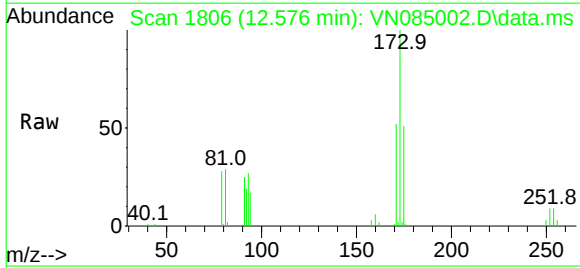
Tgt Ion:	173	Resp:	63646
Ion Ratio	Lower	Upper	
173	100		
175	49.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

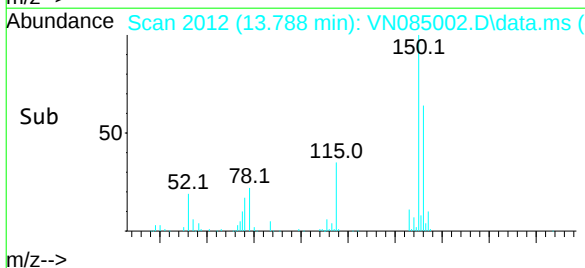
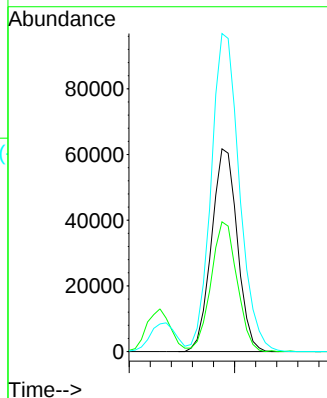
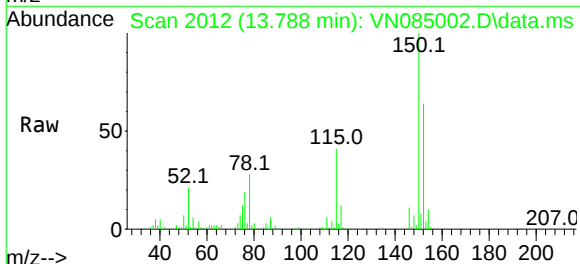
RT: 13.788 min Scan# 2012

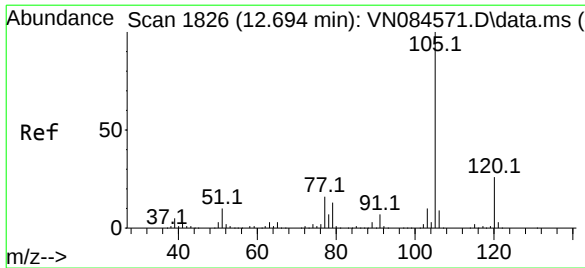
Delta R.T. 0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Tgt Ion:	152	Resp:	104846
Ion Ratio	Lower	Upper	
152	100		
115	64.8	31.3	93.9
150	172.4	0.0	349.8





#73

Isopropylbenzene

Concen: 43.752 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 321462

Ion Ratio Lower Upper

105 100

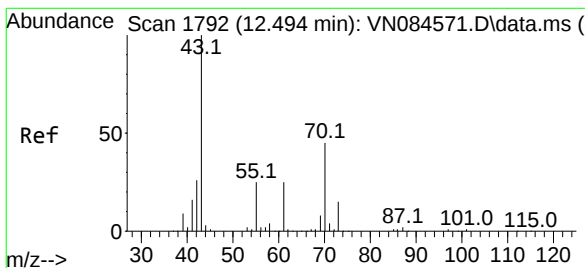
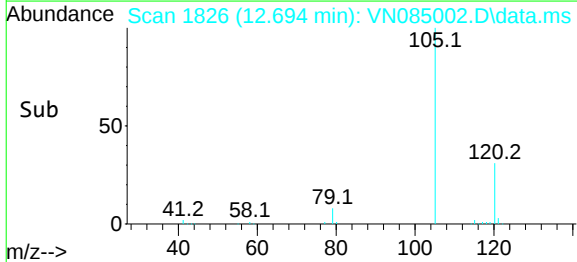
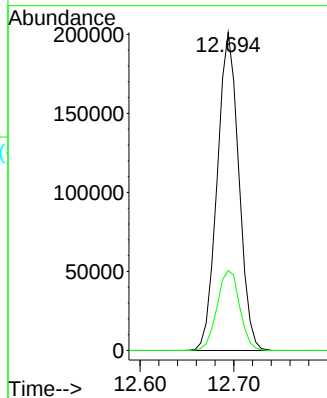
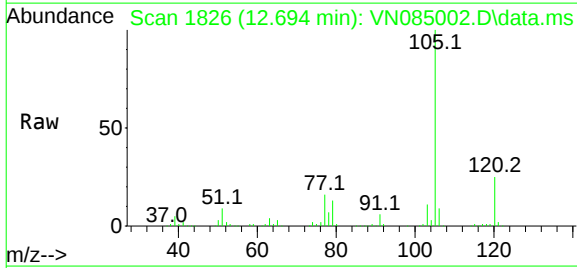
120 26.4 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 53.822 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Tgt Ion: 43 Resp: 168310

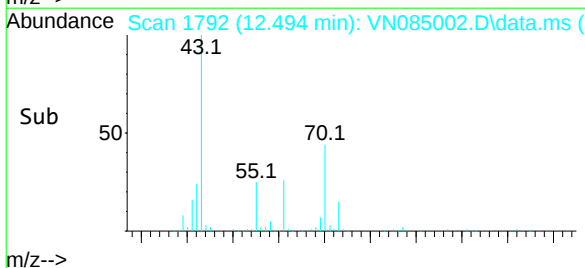
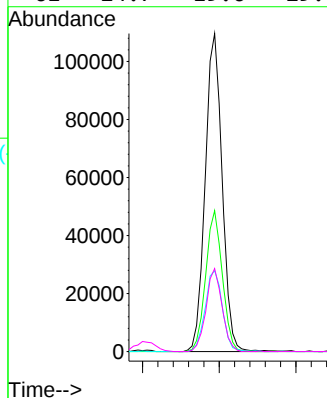
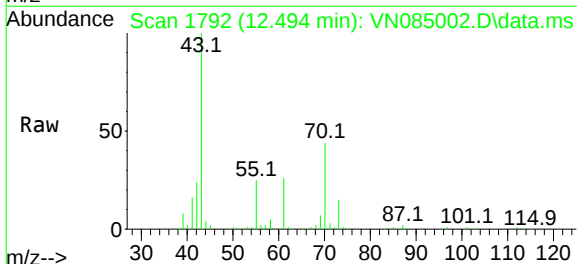
Ion Ratio Lower Upper

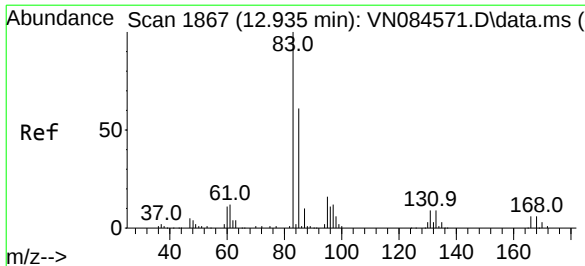
43 100

70 43.4 34.4 51.6

55 25.9 19.6 29.4

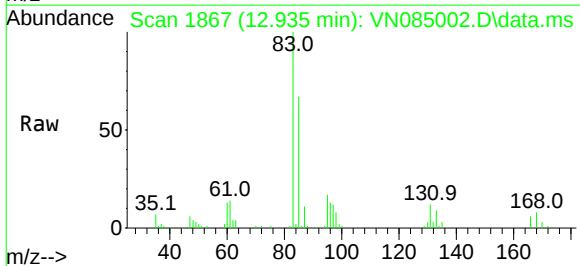
61 24.7 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 51.206 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

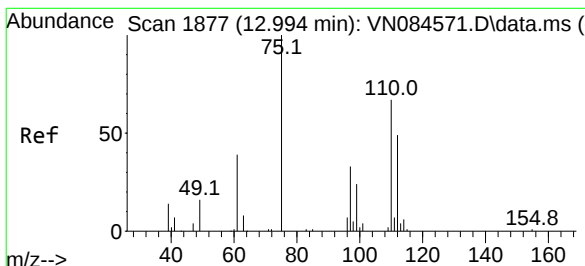
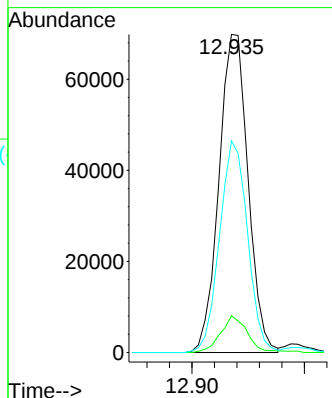
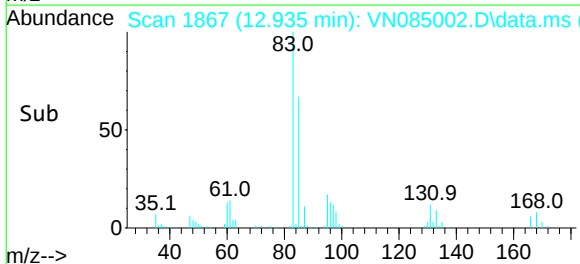
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 125580
Ion Ratio Lower Upper
83 100
131 10.8 4.9 14.7
85 64.0 31.9 95.7

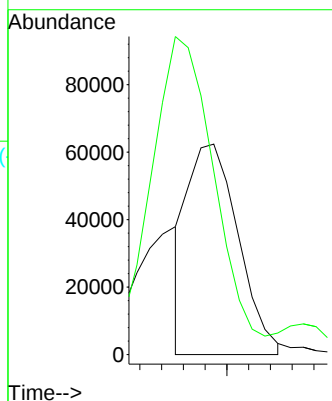
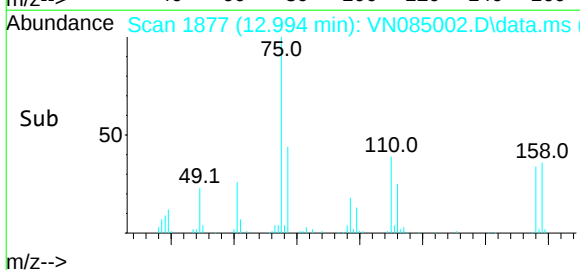
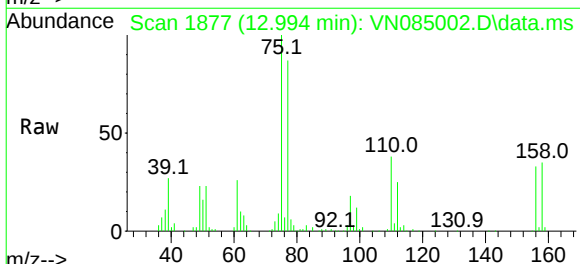
Manual Integrations
APPROVED

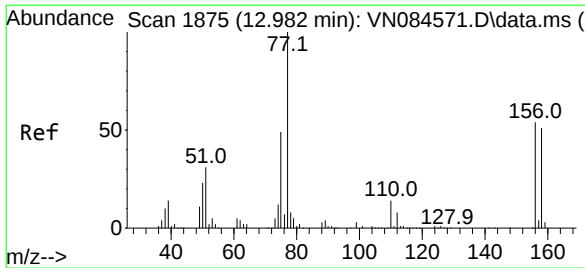
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,2,3-Trichloropropane
Concen: 48.236 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

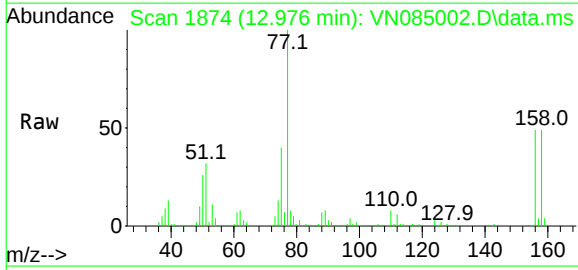
Tgt Ion: 75 Resp: 101094
Ion Ratio Lower Upper
75 100
77 190.6 96.9 290.7





#77
Bromobenzene
Concen: 42.563 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

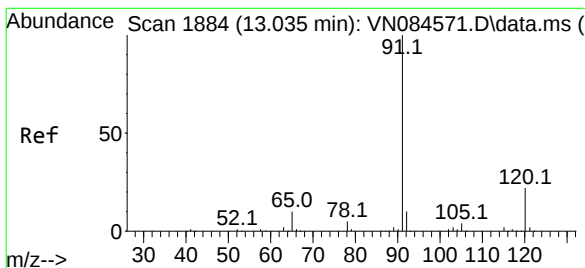
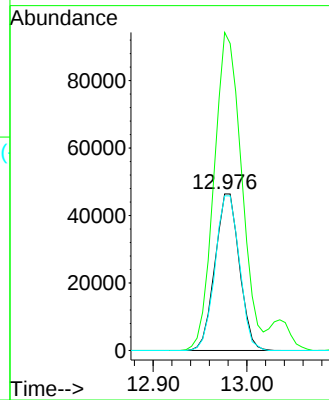
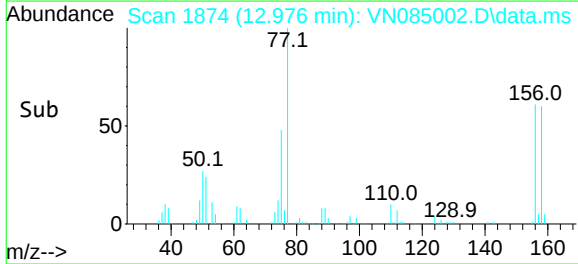
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 156 Resp: 84076
Ion Ratio Lower Upper
156 100
77 229.2 115.1 345.3
158 98.4 48.9 146.8

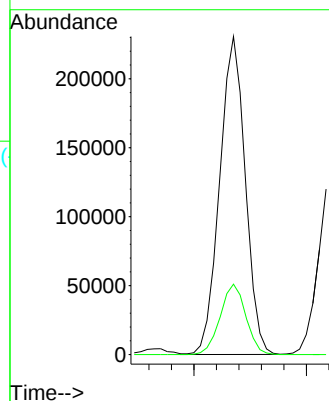
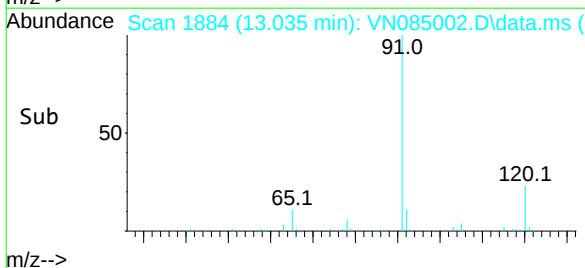
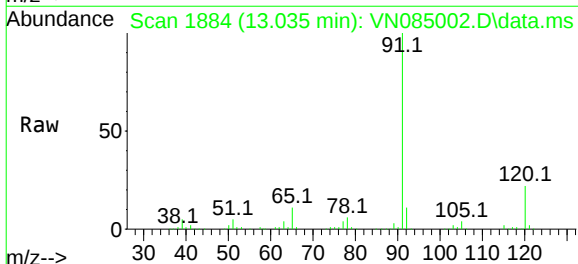
Manual Integrations
APPROVED

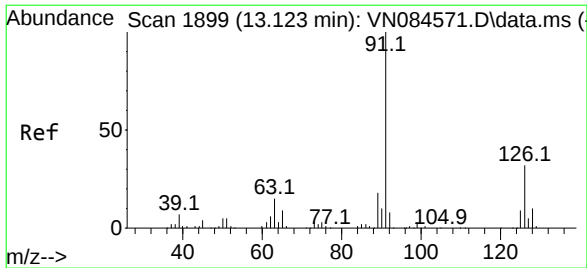
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
n-propylbenzene
Concen: 42.347 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 91 Resp: 364602
Ion Ratio Lower Upper
91 100
120 22.1 10.8 32.4





#79

2-Chlorotoluene

Concen: 43.052 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 242201

Ion Ratio Lower Upper

91 100

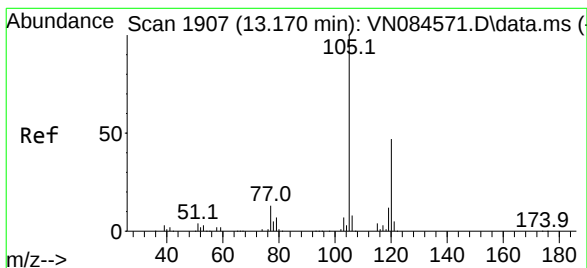
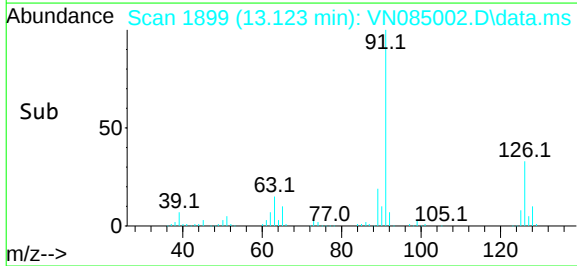
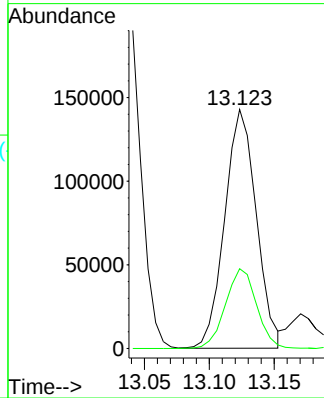
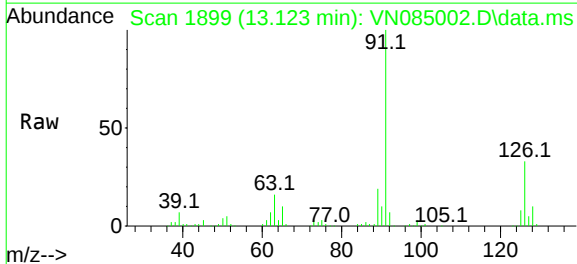
126 32.9 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#80

1,3,5-Trimethylbenzene

Concen: 45.873 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085002.D

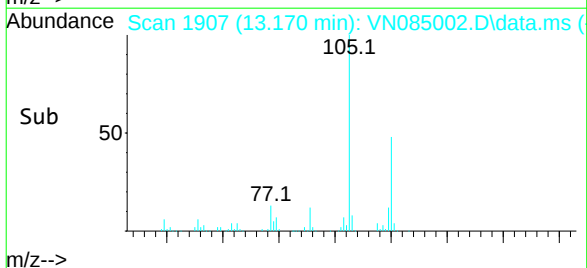
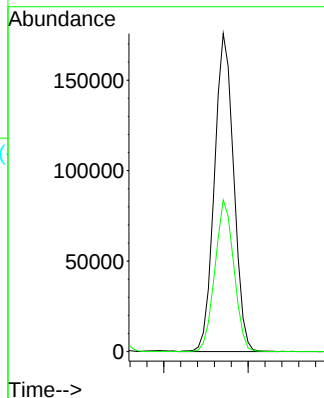
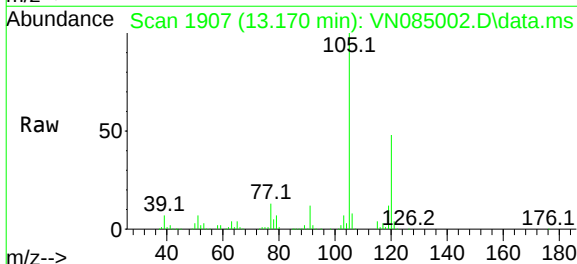
Acq: 21 Nov 2024 18:32

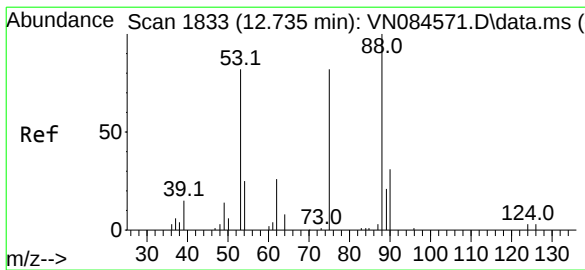
Tgt Ion:105 Resp: 279350

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1





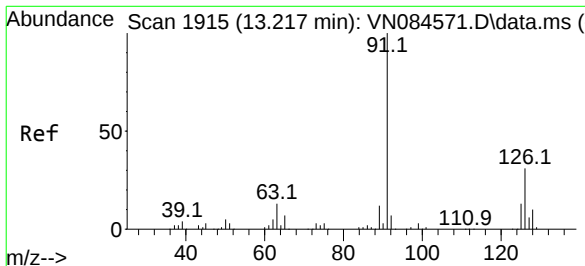
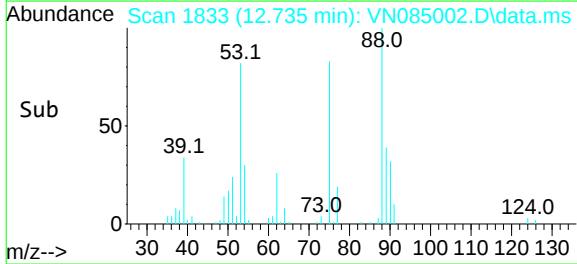
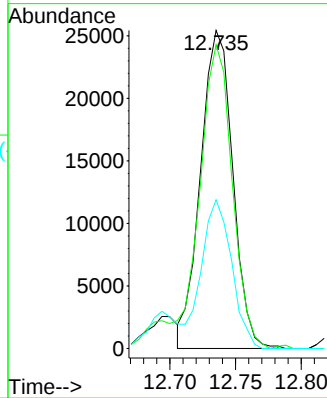
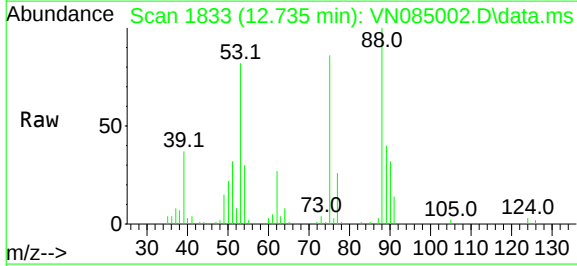
#81
trans-1,4-Dichloro-2-butene
Concen: 49.132 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 43404
Ion Ratio Lower Upper
75 100
53 103.7 78.0 117.0
89 43.2 35.5 53.3

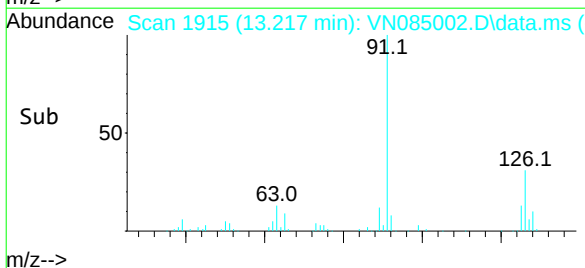
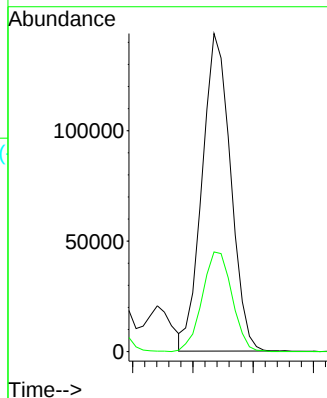
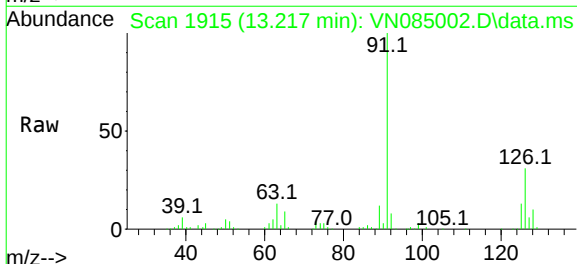
Manual Integrations
APPROVED

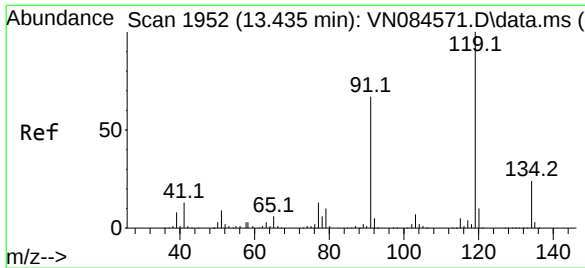
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 39.865 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 91 Resp: 236019
Ion Ratio Lower Upper
91 100
126 32.9 15.7 47.1





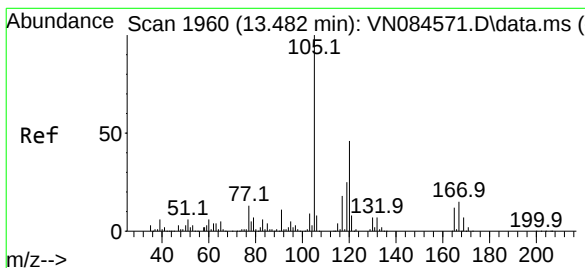
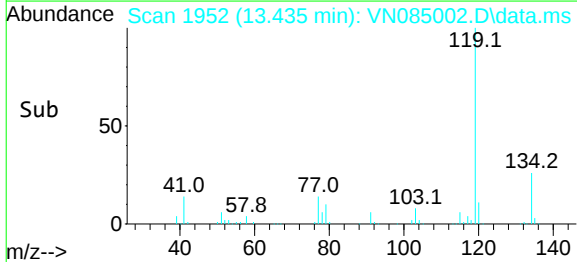
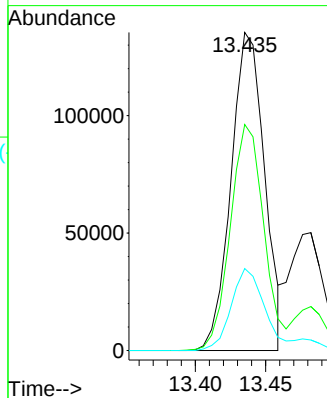
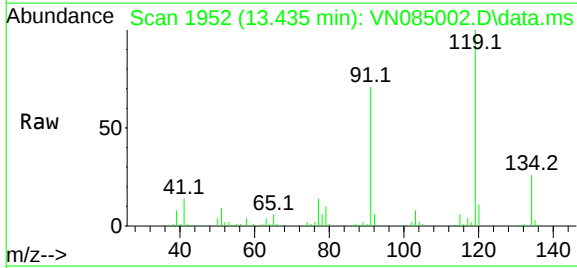
#83
tert-Butylbenzene
Concen: 44.569 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 224625
Ion Ratio Lower Upper
119 100
91 71.4 34.1 102.3
134 26.0 12.8 38.4

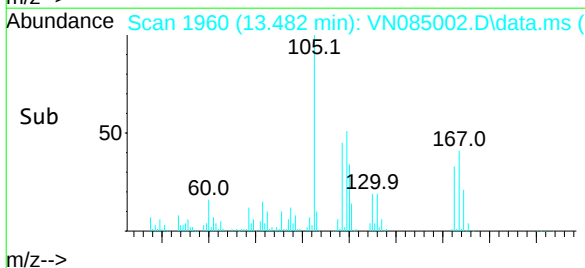
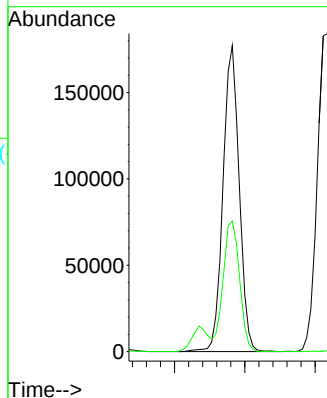
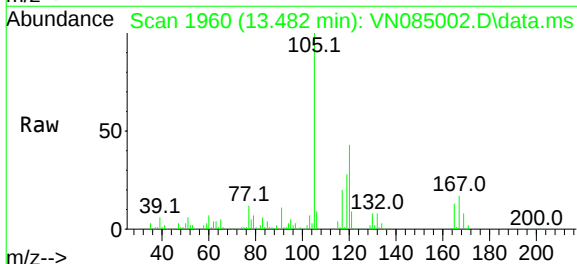
Manual Integrations
APPROVED

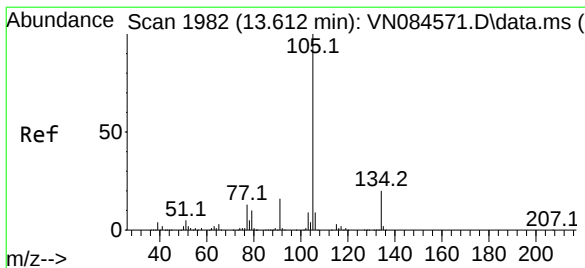
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 45.097 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:105 Resp: 283440
Ion Ratio Lower Upper
105 100
120 43.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 42.592 ug/l

RT: 13.617 min Scan# 19

Delta R.T. -0.000 min MSVOA_N

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 303218

Ion Ratio Lower Upper

105 100

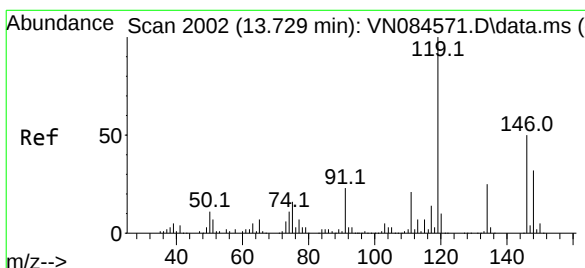
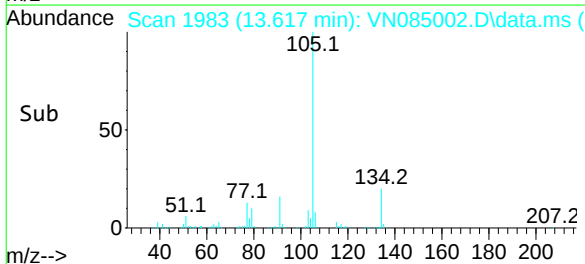
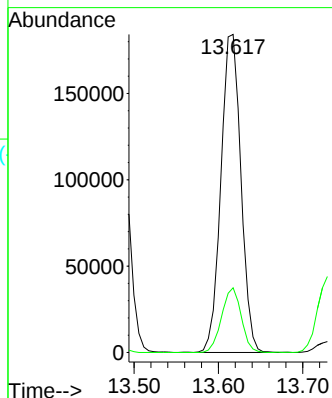
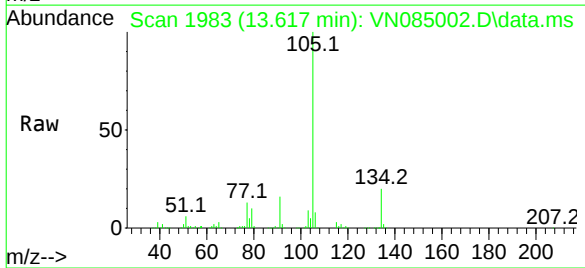
134 19.9 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#86

p-Isopropyltoluene

Concen: 44.720 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

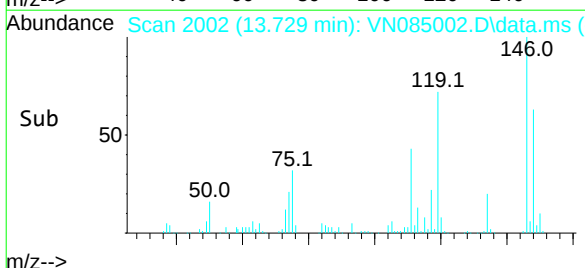
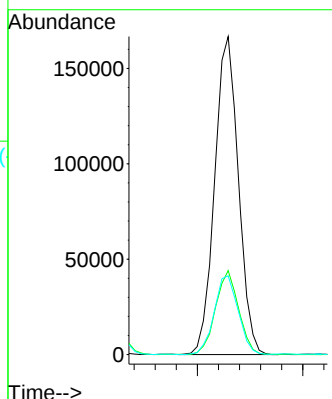
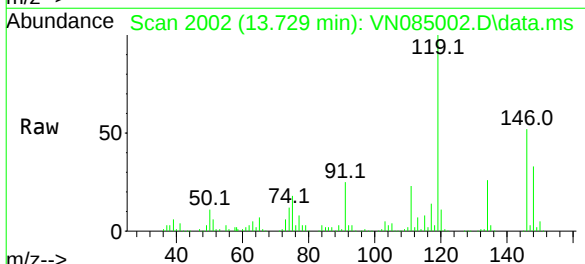
Tgt Ion:119 Resp: 261100

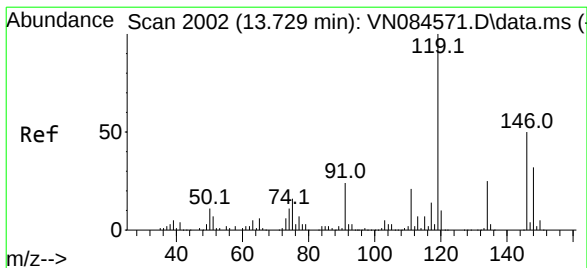
Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.8

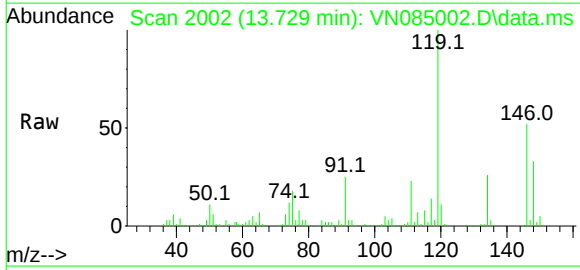
91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 38.837 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

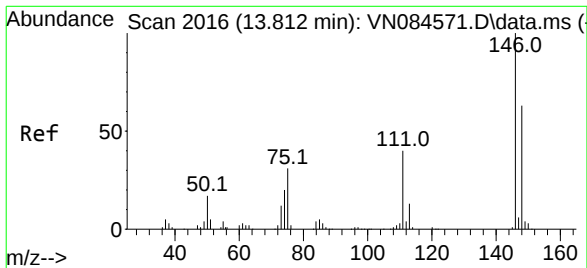
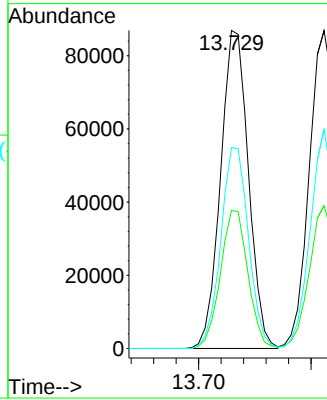
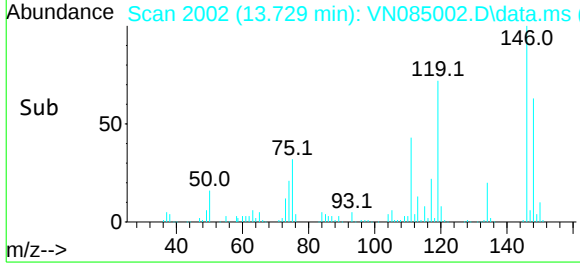
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 149708
Ion Ratio Lower Upper
146 100
111 42.9 21.8 65.3
148 62.8 31.9 95.7

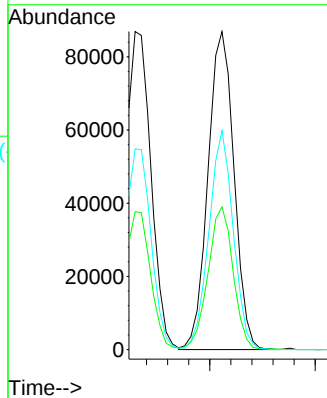
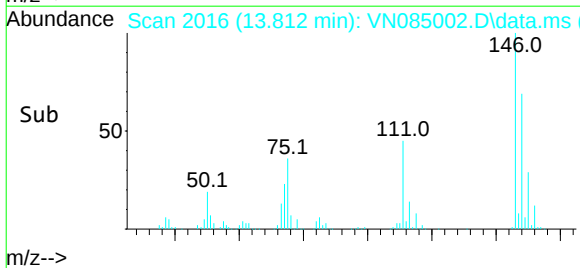
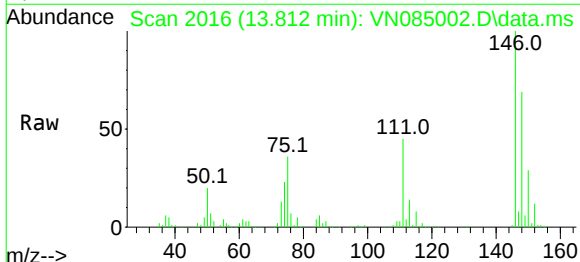
Manual Integrations
APPROVED

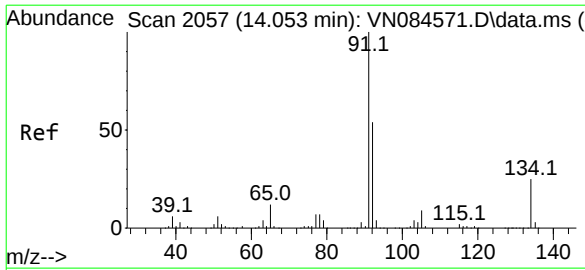
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#88
1,4-Dichlorobenzene
Concen: 41.969 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:146 Resp: 149183
Ion Ratio Lower Upper
146 100
111 43.3 21.2 63.6
148 64.4 31.9 95.9





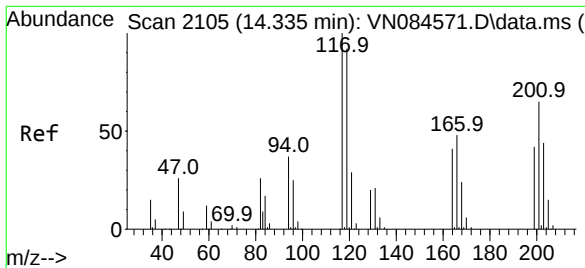
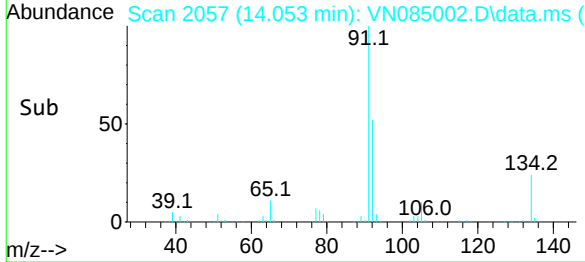
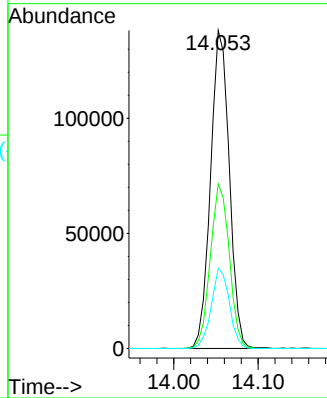
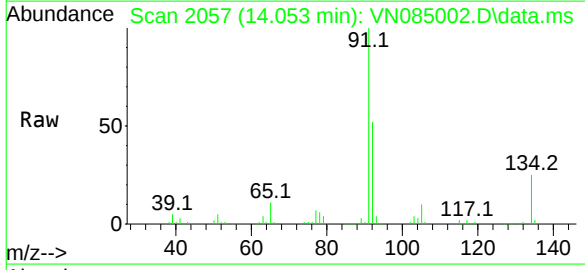
#89
n-Butylbenzene
Concen: 39.092 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	91	Resp:	213500
Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	24.3	12.3	36.9

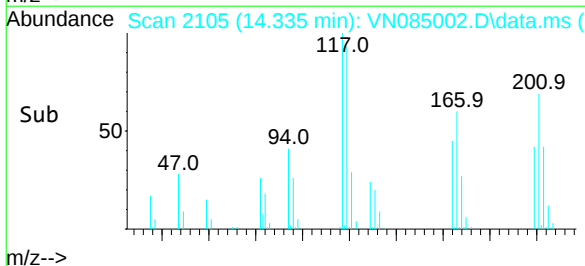
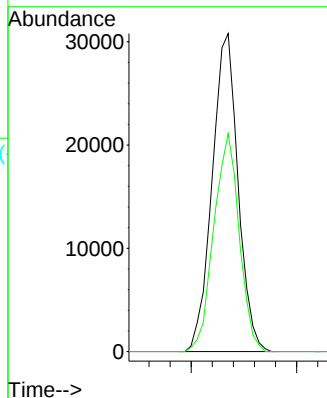
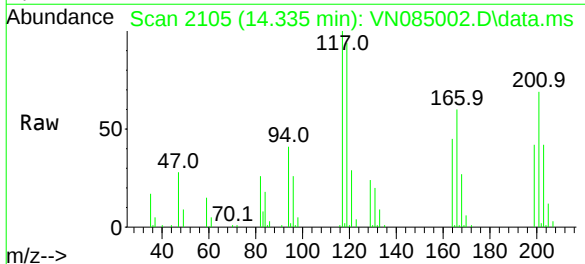
Manual Integrations
APPROVED

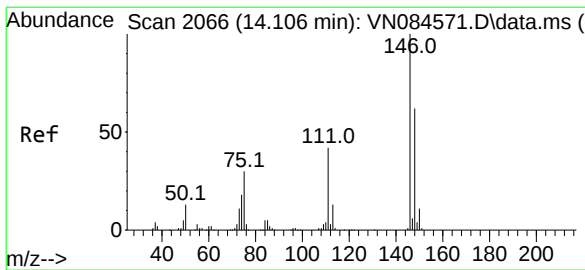
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#90
Hexachloroethane
Concen: 40.363 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion:	117	Resp:	52555
Ion	Ratio	Lower	Upper
117	100		
201	67.1	34.4	103.2





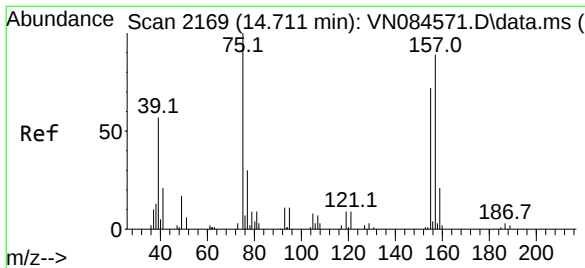
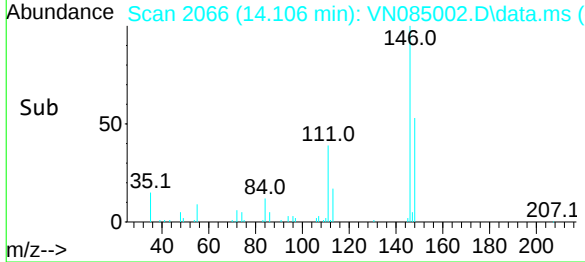
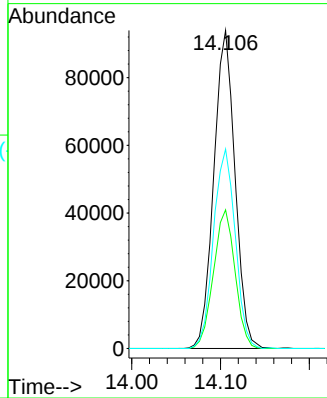
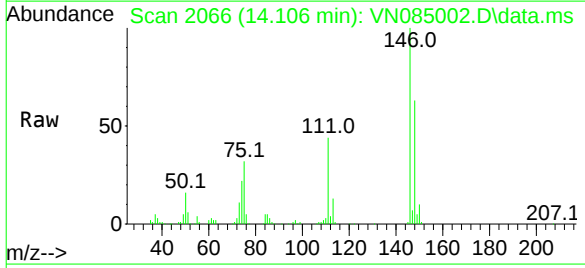
#91
1,2-Dichlorobenzene
Concen: 42.087 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 155898
Ion Ratio Lower Upper
146 100
111 44.4 22.0 66.0
148 64.4 32.1 96.3

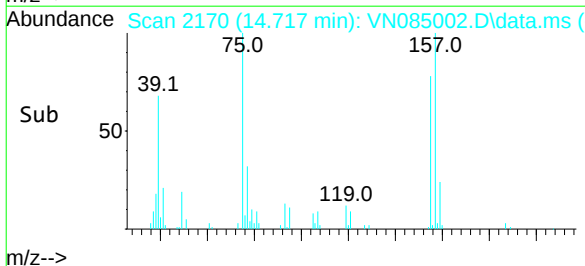
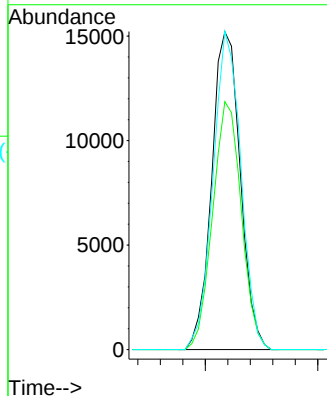
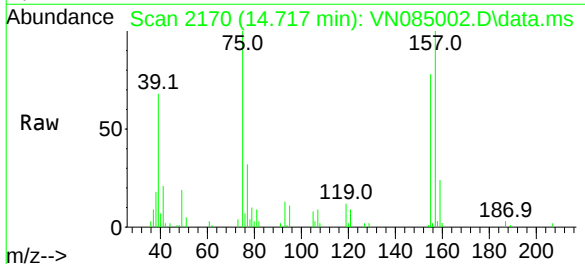
Manual Integrations
APPROVED

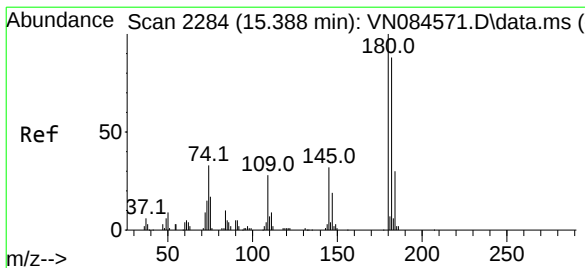
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.948 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085002.D
Acq: 21 Nov 2024 18:32

Tgt Ion: 75 Resp: 26803
Ion Ratio Lower Upper
75 100
155 78.2 38.1 114.5
157 97.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 38.387 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

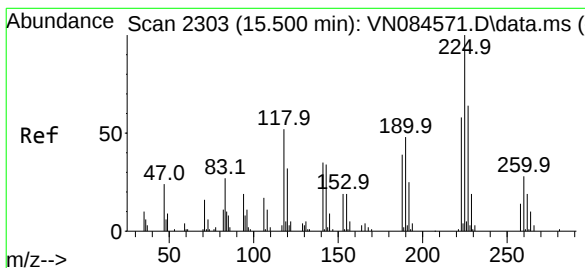
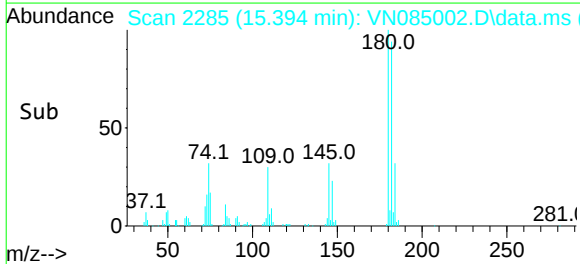
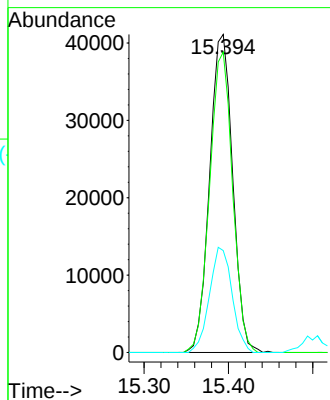
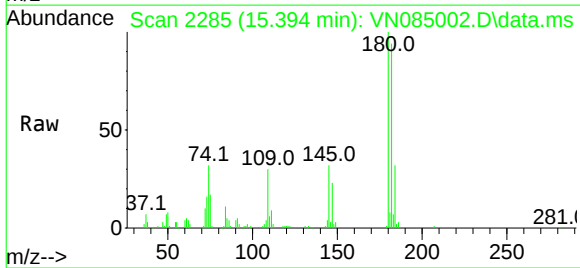
Tgt Ion:	180	Resp:	77828
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.0	141.0
145	32.6	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 38.502 ug/l

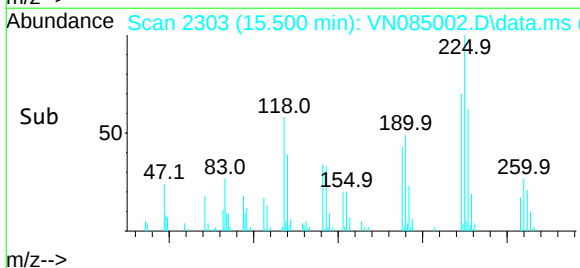
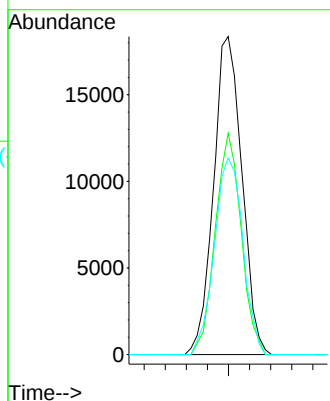
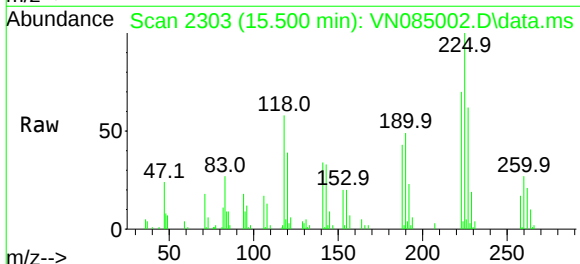
RT: 15.500 min Scan# 2303

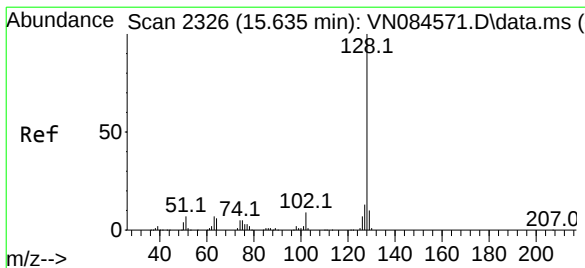
Delta R.T. -0.000 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Tgt Ion:	225	Resp:	34280
Ion Ratio	Lower	Upper	
225	100		
223	63.6	32.4	97.2
227	62.2	32.4	97.0





#95

Naphthalene

Concen: 45.722 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

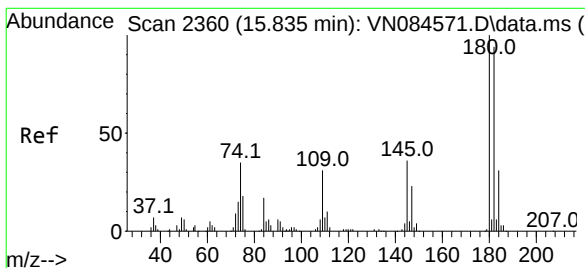
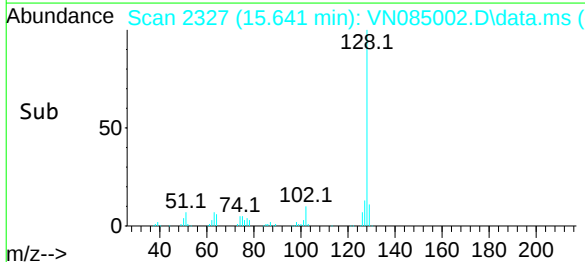
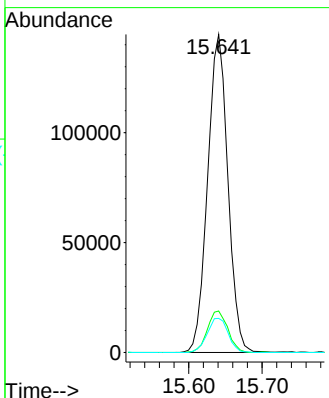
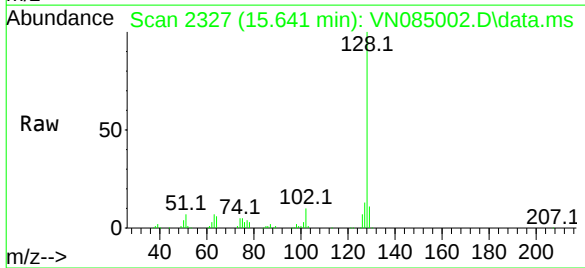
Tgt Ion:	128	Resp:	277469
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 39.681 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085002.D

Acq: 21 Nov 2024 18:32

Tgt Ion:	180	Resp:	78097
Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.2	144.6
145	35.1	17.3	51.9

