

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085054.D
 Acq On : 27 Nov 2024 12:55
 Operator : JC\MD
 Sample : VN1127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2024
 Supervised By : Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 05:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29451	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	158864	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	140518	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	72239	30.510	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	101.700%		
60) 4-Bromofluorobenzene	12.847	95	68388	28.265	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	94.233%		
63) Toluene-d8	10.565	98	199101	29.930	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.767%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	36067	21.056	ug/l	96
3) Chloromethane	2.354	50	37129	18.003	ug/l	98
4) Vinyl Chloride	2.512	62	38329	20.015	ug/l	95
5) Bromomethane	2.912	94	21603	22.225	ug/l	99
6) Chloroethane	3.089	64	25583	20.346	ug/l	97
7) Trichlorofluoromethane	3.483	101	68291	21.958	ug/l	93
8) Diethyl Ether	3.953	74	23761	21.418	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.353	101	39576	22.517	ug/l	99
10) 1,1-Dichloroethene	4.330	96	34948	20.362	ug/l	96
11) Methyl Iodide	4.577	142	50812	21.540	ug/l	96
12) Methyl Acetate	5.024	43	49248	18.408	ug/l	97
13) Acrolein	4.171	56	31226	94.648	ug/l	97
14) Acrylonitrile	5.718	53	88094	100.653	ug/l	98
15) Acetone	4.424	58	25029	111.297	ug/l	99
16) Carbon Disulfide	4.700	76	94836	18.778	ug/l	99
17) Allyl chloride	5.012	41	52730	18.030	ug/l	90
18) Methylene Chloride	5.265	84	40741	20.256	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	36185	20.114	ug/l	88
20) Diisopropyl ether	6.665	45	124178	21.210	ug/l	96
21) 1,1-Dichloroethane	6.565	63	74070	21.037	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	44172	20.566	ug/l	97
23) tert-Butyl Alcohol	5.542	59	29631	96.976	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	121886	21.960	ug/l	99
25) Chloroform	7.959	83	74963	20.781	ug/l	98
26) Cyclohexane	8.253	56	54643	20.318	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	51079	21.347	ug/l	99
30) 2-Butanone	7.483	43	114539	103.771	ug/l	99
31) 2,2-Dichloropropane	7.483	77	67298	23.040	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	68456	21.058	ug/l	99
33) Carbon Tetrachloride	8.359	117	59980	21.623	ug/l	98
34) Benzene	8.600	78	164188	20.759	ug/l	96
35) Methacrylonitrile	7.771	41	26403	20.183	ug/l	95
36) 1,2-Dichloroethane	8.665	62	57882	22.007	ug/l #	93
37) Trichloroethene	9.347	130	37522	21.030	ug/l	85
38) Methylcyclohexane	9.600	83	54024	20.972	ug/l	97
39) 1,2-Dichloropropane	9.618	63	38513	20.229	ug/l	96
40) Dibromomethane	9.706	93	28134	21.123	ug/l	98
41) Bromodichloromethane	9.883	83	60402	21.154	ug/l	99
42) Vinyl Acetate	6.594	43	435967	105.670	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
 Data File : VN085054.D
 Acq On : 27 Nov 2024 12:55
 Operator : JC\MD
 Sample : VN1127WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

Quant Time: Nov 28 05:31:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	41442	17.868	ug/l	95
44) Isopropyl Acetate	8.683	43	100608	21.422	ug/l	97
45) 1,4-Dioxane	9.694	88	12074	385.090	ug/l #	93
46) Methyl methacrylate	9.677	41	35892	19.018	ug/l	89
47) n-amyl Acetate	12.494	43	64954	18.519	ug/l	99
48) t-1,3-Dichloropropene	10.829	75	58378	20.706	ug/l	97
49) cis-1,3-Dichloropropene	10.306	75	64354	21.297	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	37662	21.081	ug/l	95
51) Ethyl methacrylate	10.871	69	53336	19.368	ug/l	96
52) 1,3-Dichloropropane	11.159	76	65014	20.965	ug/l	98
53) Dibromochloromethane	11.359	129	45200	21.619	ug/l	97
54) 1,2-Dibromoethane	11.465	107	36851	20.394	ug/l	95
55) 2-Chloroethyl vinyl ether	10.153	63	121540	90.020	ug/l	98
56) Bromoform	12.576	173	29840	21.293	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	222869	100.535	ug/l	98
59) 2-Hexanone	11.194	43	166599	102.630	ug/l	98
61) Tetrachloroethene	11.100	164	32894	22.367	ug/l	89
62) Toluene	10.624	91	167340	20.909	ug/l	99
64) Chlorobenzene	11.888	112	101215	20.949	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	39699	22.357	ug/l	99
66) Ethyl Benzene	11.959	91	170174	20.232	ug/l	99
67) m/p-Xylenes	12.071	106	133305	41.397	ug/l	99
68) o-Xylene	12.394	106	66202	21.312	ug/l	97
69) Styrene	12.412	104	108145	20.764	ug/l	98
70) Isopropylbenzene	12.694	105	157872	20.459	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	51623	20.640	ug/l	96
72) 1,2,3-Trichloropropane	12.994	75	42135m	19.729	ug/l	
73) Bromobenzene	12.976	156	41203	20.703	ug/l	98
74) n-propylbenzene	13.029	91	183357	20.320	ug/l	100
75) 2-Chlorotoluene	13.123	91	120549	20.515	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	136206	20.659	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	17691	20.197	ug/l	96
78) 4-Chlorotoluene	13.218	91	120608	20.315	ug/l	99
79) tert-butylbenzene	13.435	119	111640	20.476	ug/l	98
80) 1,2,4-Trimethylbenzene	13.476	105	140100	21.063	ug/l	96
81) sec-Butylbenzene	13.612	105	157340	20.943	ug/l	99
82) p-Isopropyltoluene	13.723	119	129726	20.550	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	77012	20.923	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	75273	20.696	ug/l	99
85) n-Butylbenzene	14.053	91	109482	20.649	ug/l	99
86) Hexachloroethane	14.329	117	26564	20.576	ug/l	99
87) 1,2-Dichlorobenzene	14.100	146	74405	20.514	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10011	20.744	ug/l	94
89) 1,2,4-Trichlorobenzene	15.841	180	38501	21.801	ug/l	99
90) Hexachlorobutadiene	15.500	225	18213	23.610	ug/l	96
91) Naphthalene	15.635	128	110357	19.567	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	38501	21.801	ug/l	99

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

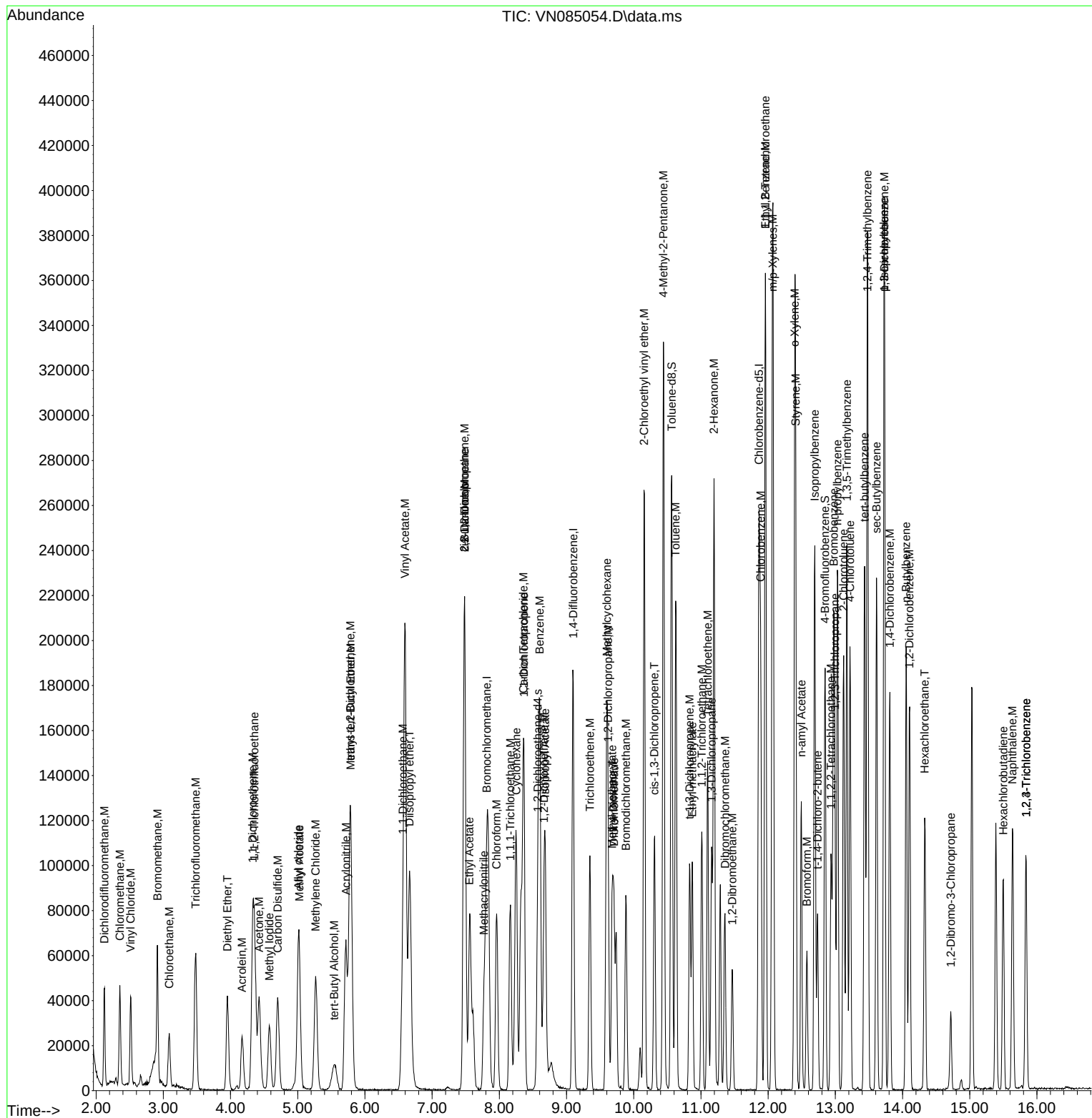
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112724\
Data File : VN085054.D
Acq On : 27 Nov 2024 12:55
Operator : JC\MD
Sample : VN1127WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

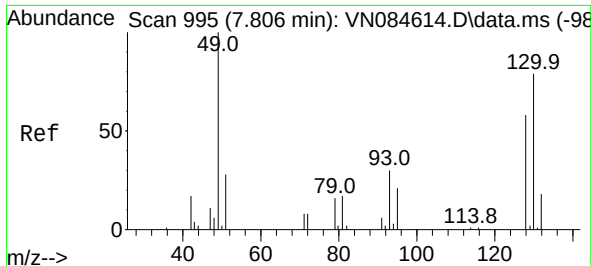
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

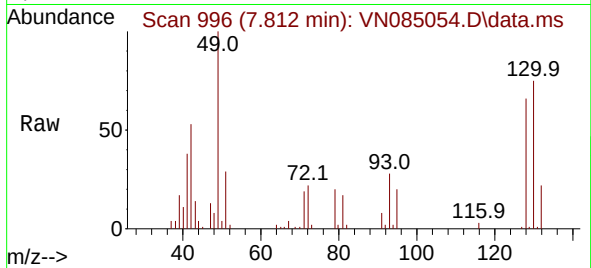
Quant Time: Nov 28 05:31:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

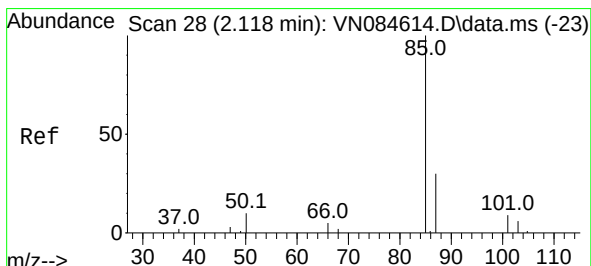
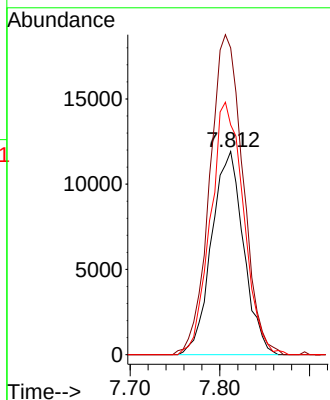
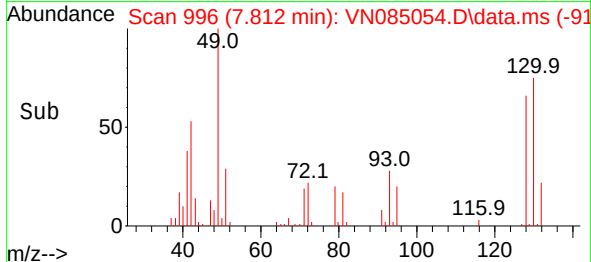
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion:128 Resp: 2945
Ion Ratio Lower Upper
128 100
49 164.0 0.0 427.0
130 128.4 0.0 322.2

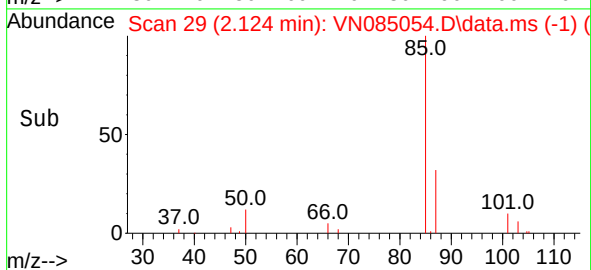
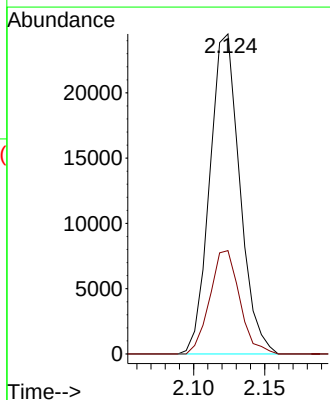
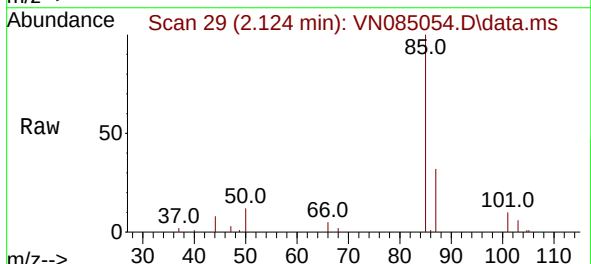
Manual Integrations
APPROVED

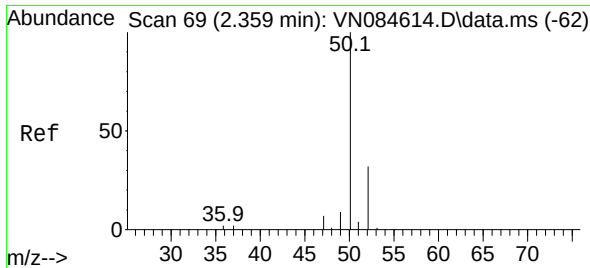
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#2
Dichlorodifluoromethane
Concen: 21.056 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 85 Resp: 36067
Ion Ratio Lower Upper
85 100
87 32.3 14.9 44.9





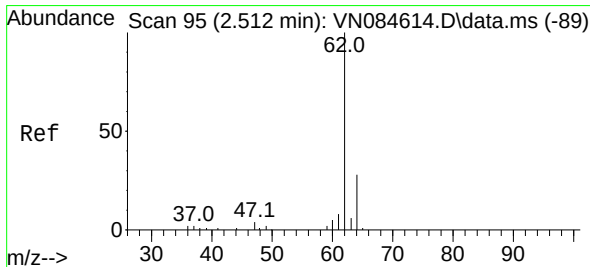
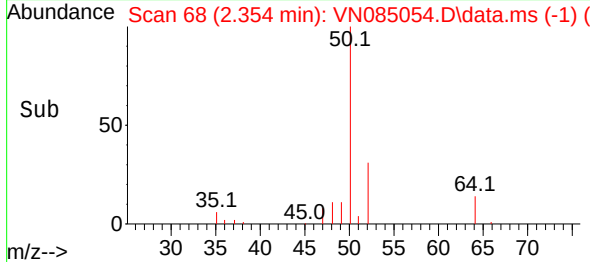
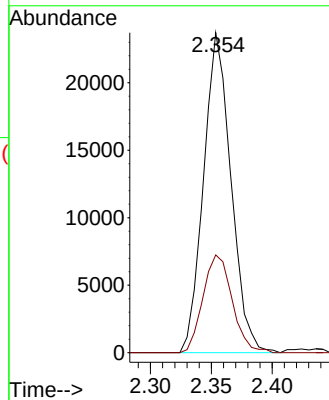
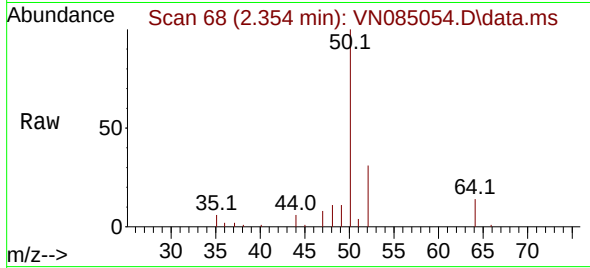
#3
Chloromethane
Concen: 18.003 ug/l
RT: 2.354 min Scan# 60
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 50 Resp: 37129
Ion Ratio Lower Upper
50 100
52 30.6 25.5 38.3

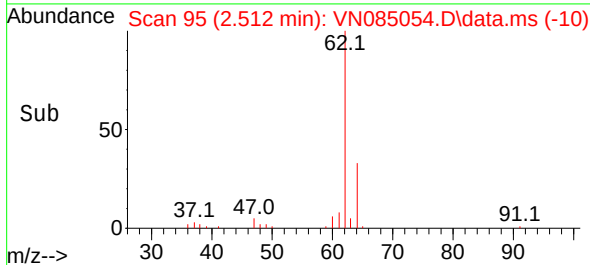
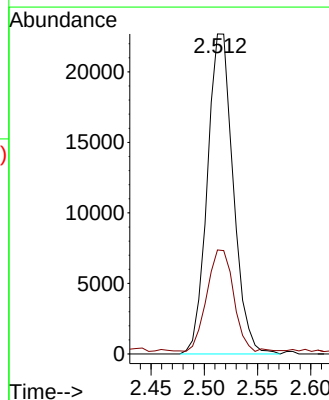
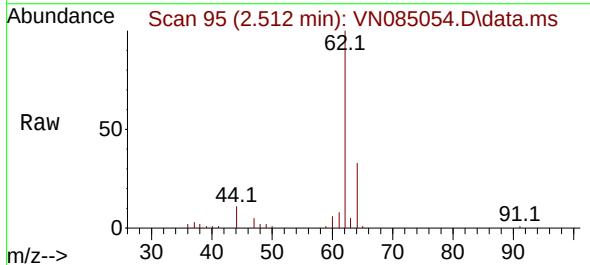
Manual Integrations
APPROVED

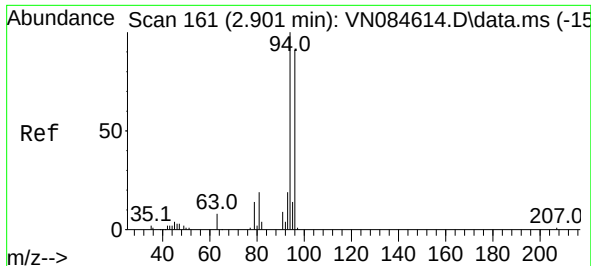
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#4
Vinyl Chloride
Concen: 20.015 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

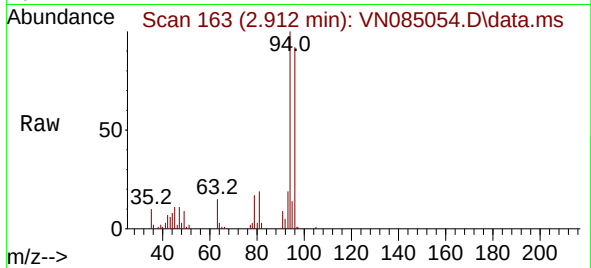
Tgt Ion: 62 Resp: 38329
Ion Ratio Lower Upper
62 100
64 31.5 23.1 34.7





#5
Bromomethane
Concen: 22.225 ug/l
RT: 2.912 min Scan# 163
Delta R.T. 0.012 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

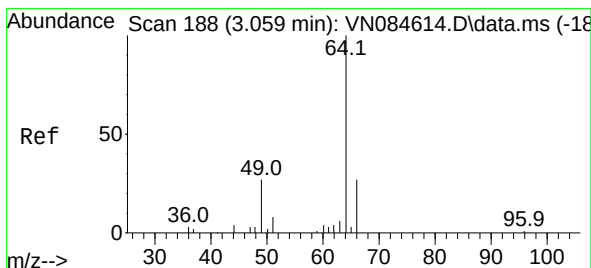
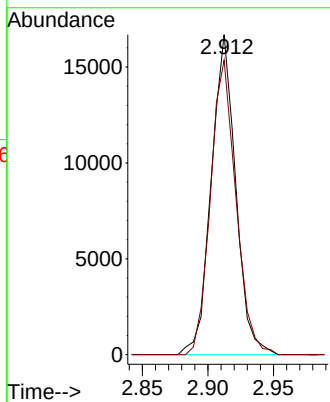
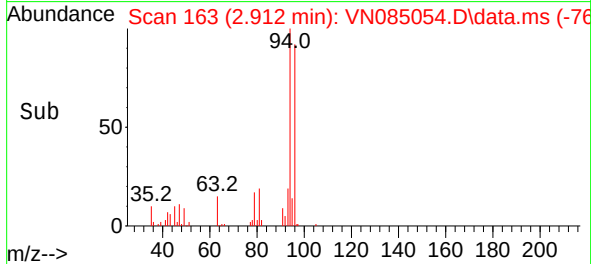
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 94 Resp: 21603
Ion Ratio Lower Upper
94 100
96 92.1 72.7 109.1

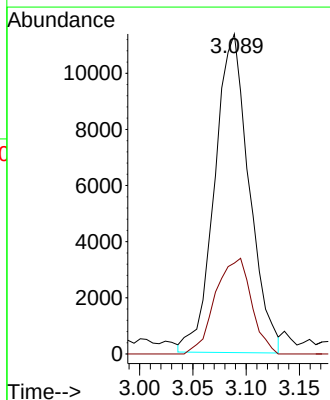
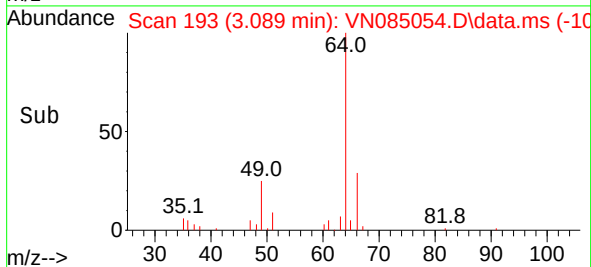
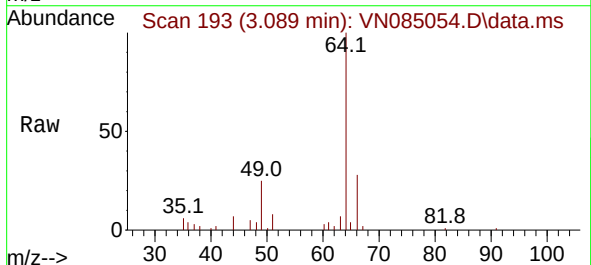
Manual Integrations
APPROVED

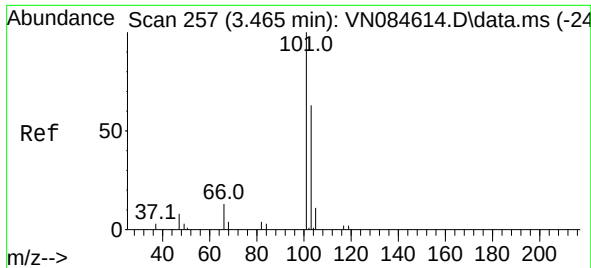
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#6
Chloroethane
Concen: 20.346 ug/l
RT: 3.089 min Scan# 193
Delta R.T. 0.029 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 64 Resp: 25583
Ion Ratio Lower Upper
64 100
66 29.2 22.1 33.1





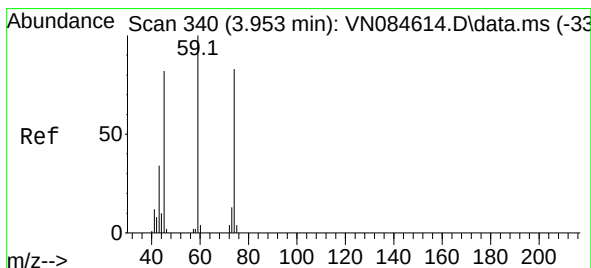
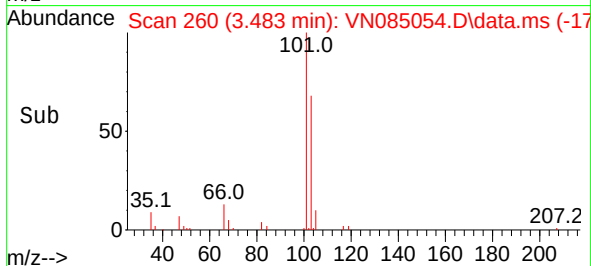
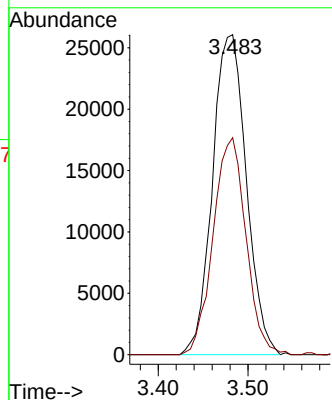
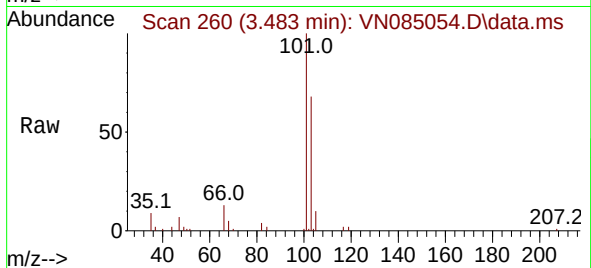
#7
Trichlorofluoromethane
Concen: 21.958 ug/l
RT: 3.483 min Scan# 20
Delta R.T. 0.018 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion:101 Resp: 6829
Ion Ratio Lower Upper
101 100
103 67.8 50.1 75.1

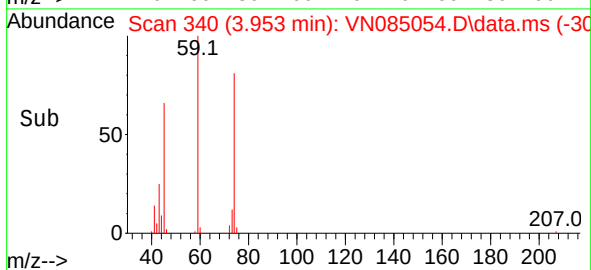
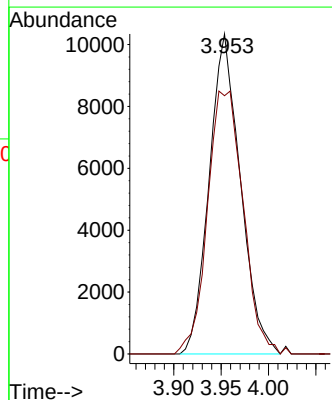
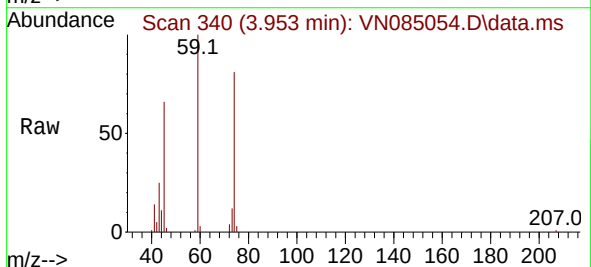
Manual Integrations
APPROVED

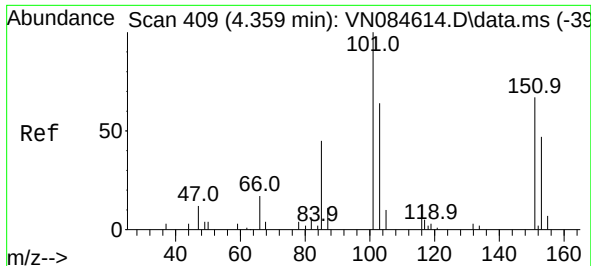
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#8
Diethyl Ether
Concen: 21.418 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 74 Resp: 23761
Ion Ratio Lower Upper
74 100
45 93.3 19.8 178.4





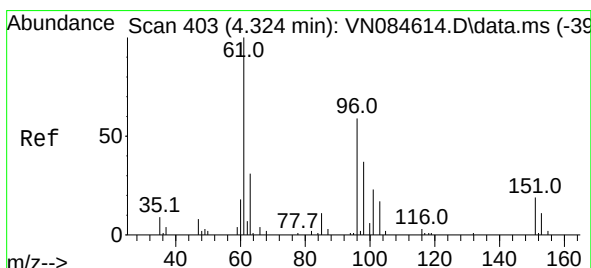
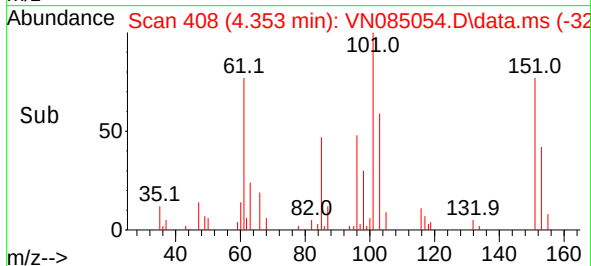
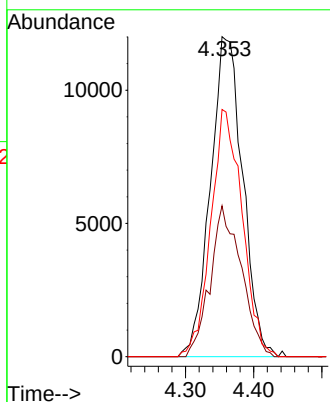
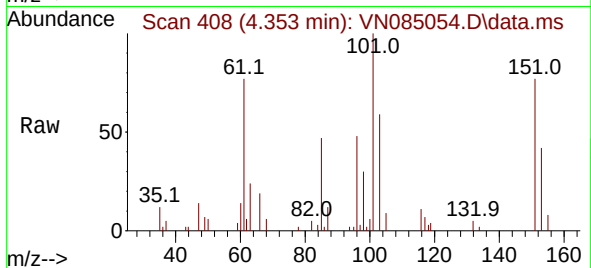
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.517 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion:101 Resp: 39570
Ion Ratio Lower Upper
101 100
85 45.5 0.0 89.6
151 74.9 0.0 149.4

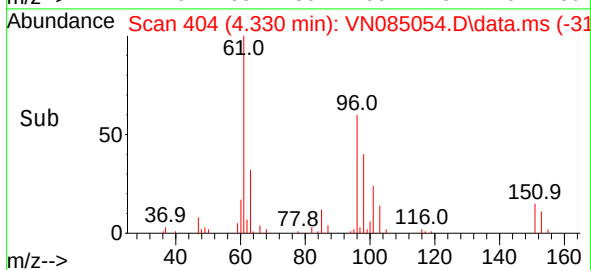
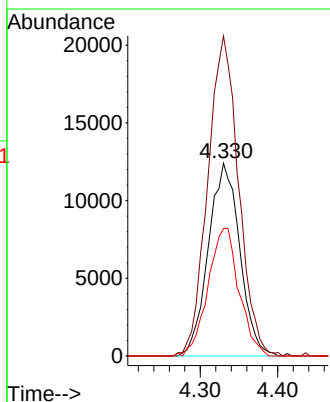
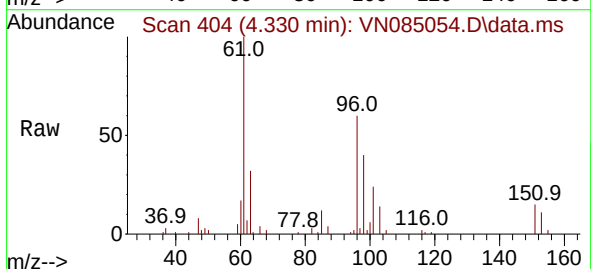
Manual Integrations
APPROVED

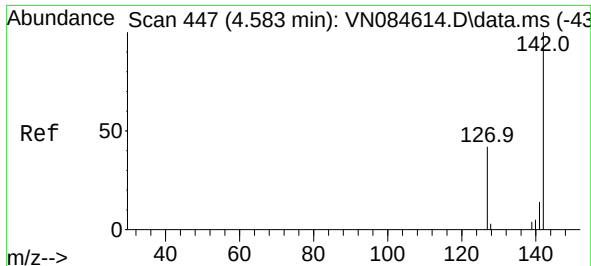
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#10
1,1-Dichloroethene
Concen: 20.362 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

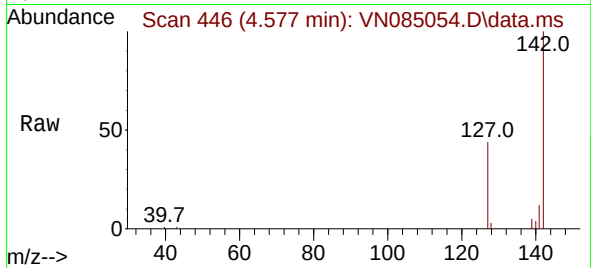
Tgt Ion: 96 Resp: 34948
Ion Ratio Lower Upper
96 100
61 164.2 135.1 202.7
98 66.1 50.4 75.6





#11
Methyl Iodide
Concen: 21.540 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

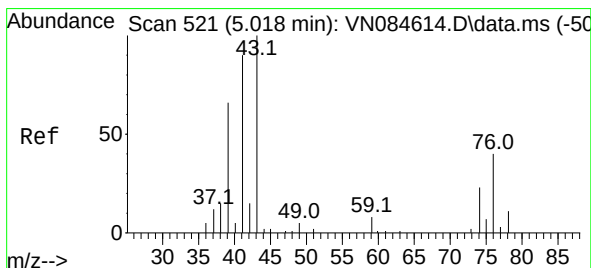
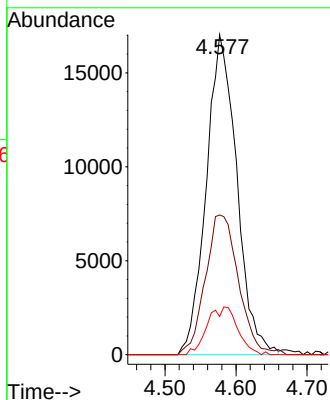
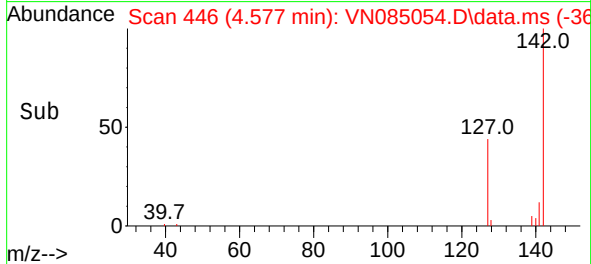
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion:142 Resp: 50812
Ion Ratio Lower Upper
142 100
127 43.1 20.3 60.9
141 12.0 6.9 20.7

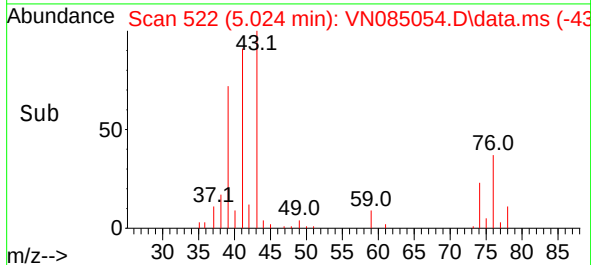
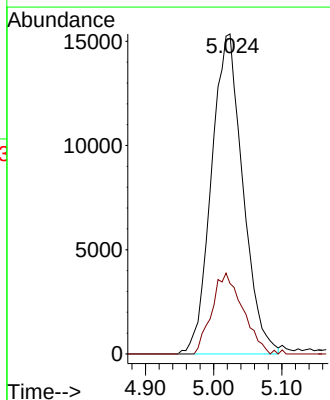
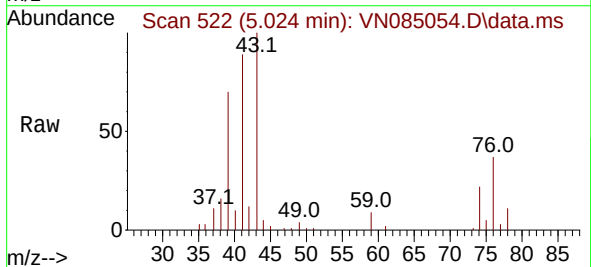
Manual Integrations
APPROVED

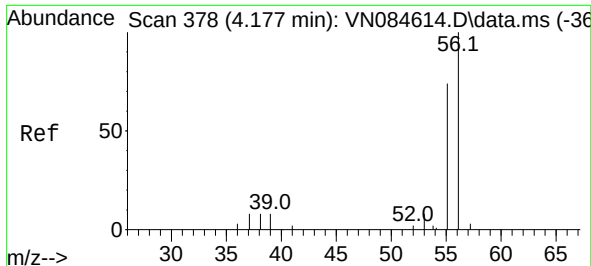
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#12
Methyl Acetate
Concen: 18.408 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 43 Resp: 49248
Ion Ratio Lower Upper
43 100
74 22.2 19.0 28.4





#13

Acrolein

Concen: 94.648 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tgt Ion: 56 Resp: 31220

Ion Ratio Lower Upper

56 100

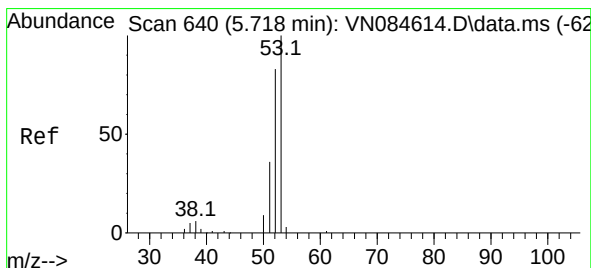
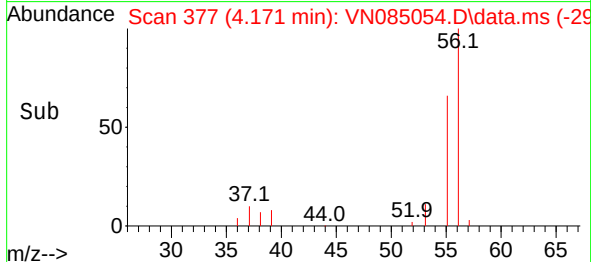
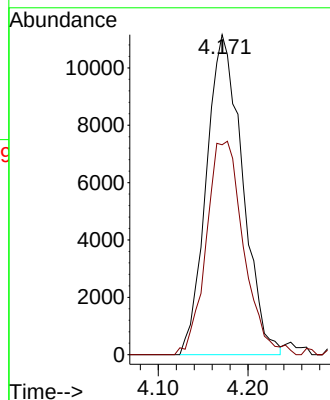
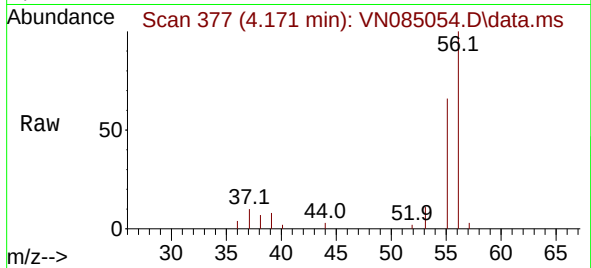
55 68.2 56.7 85.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#14

Acrylonitrile

Concen: 100.653 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

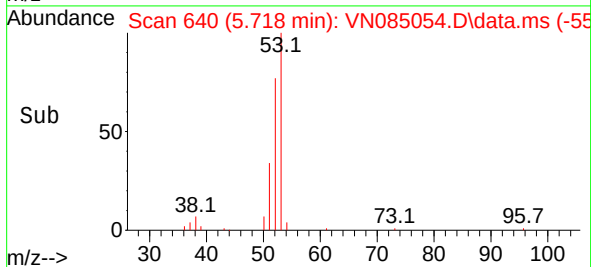
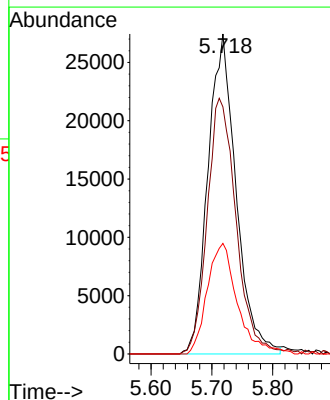
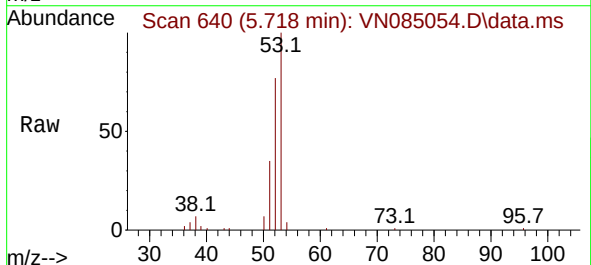
Tgt Ion: 53 Resp: 88094

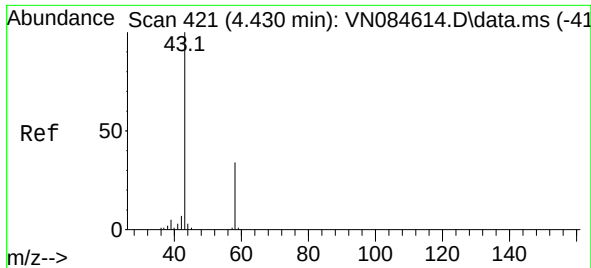
Ion Ratio Lower Upper

53 100

52 81.7 41.6 124.9

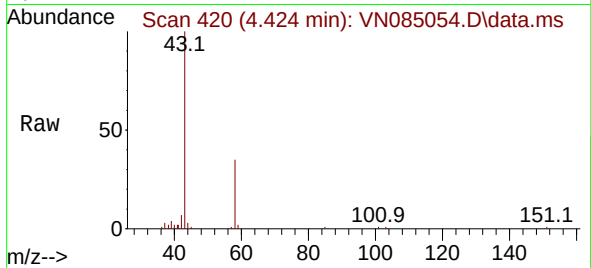
51 34.9 18.2 54.6





#15
Acetone
Concen: 111.297 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

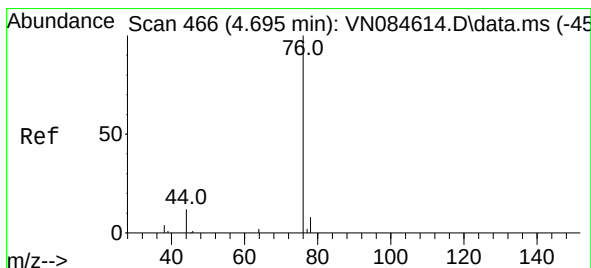
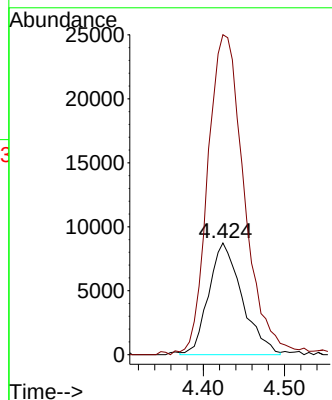
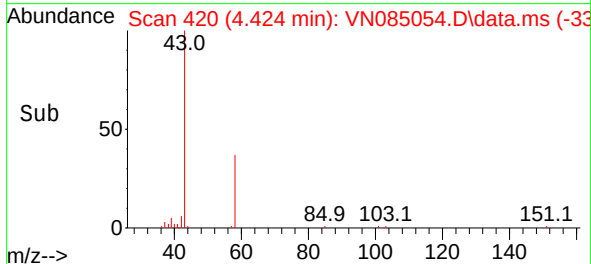
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 58 Resp: 25029
Ion Ratio Lower Upper
58 100
43 289.2 233.0 349.6

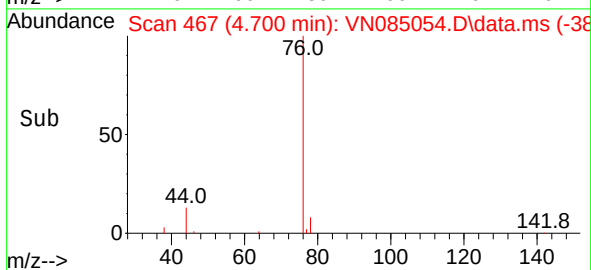
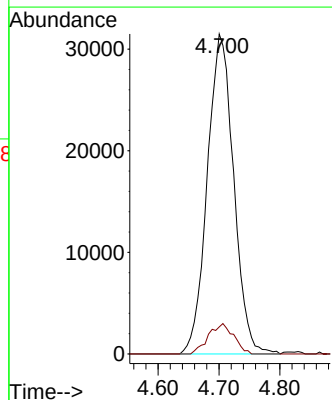
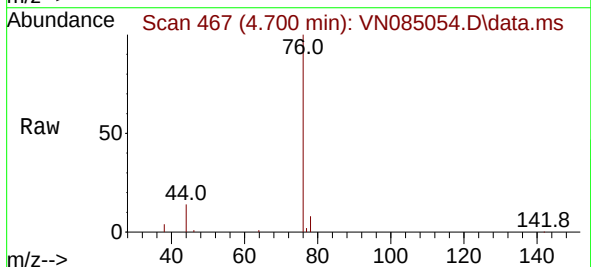
Manual Integrations
APPROVED

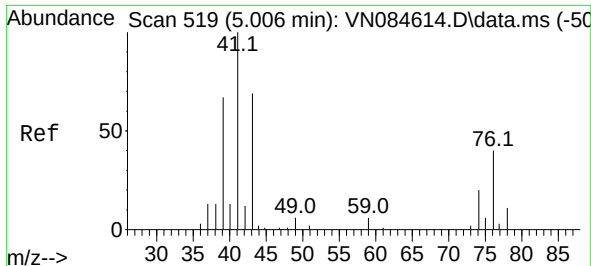
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#16
Carbon Disulfide
Concen: 18.778 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

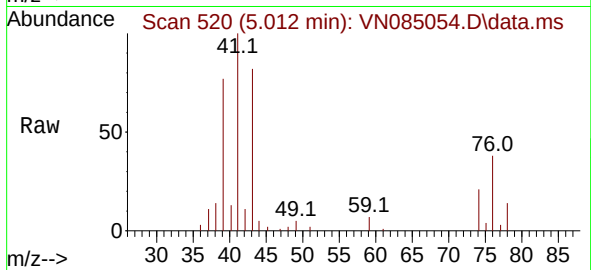
Tgt Ion: 76 Resp: 94836
Ion Ratio Lower Upper
76 100
78 8.4 6.6 9.8





#17
 Allyl chloride
 Concen: 18.030 ug/l
 RT: 5.012 min Scan# 519
 Delta R.T. 0.006 min
 Lab File: VN085054.D
 Acq: 27 Nov 2024 12:55

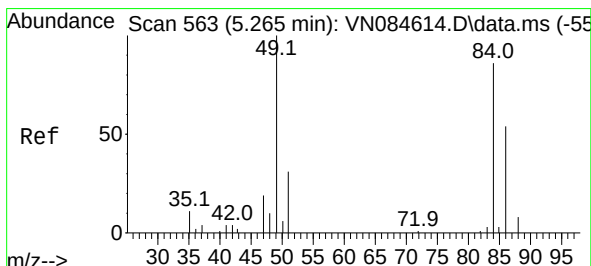
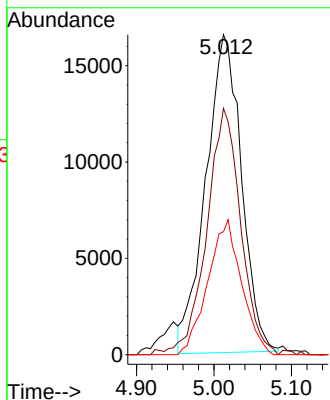
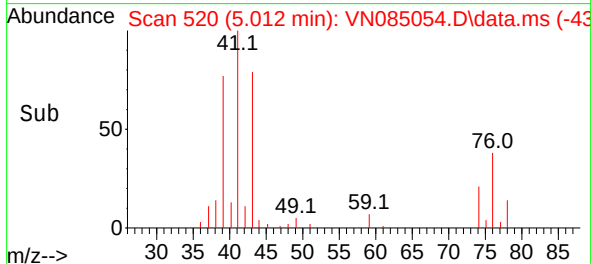
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01



Tgt Ion: 41 Resp: 52730
 Ion Ratio Lower Upper
 41 100
 39 78.6 33.4 100.2
 76 39.2 20.2 60.6

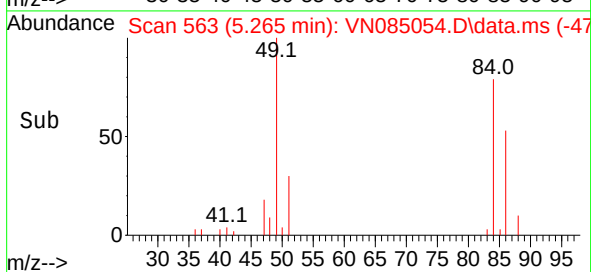
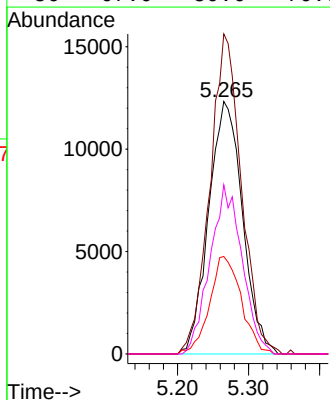
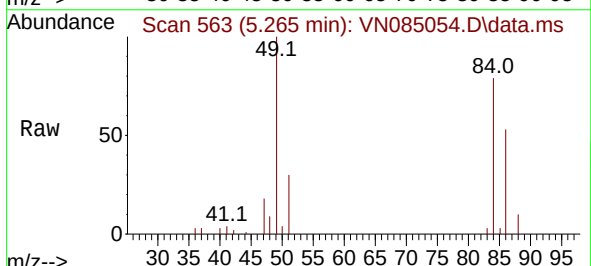
Manual Integrations
 APPROVED

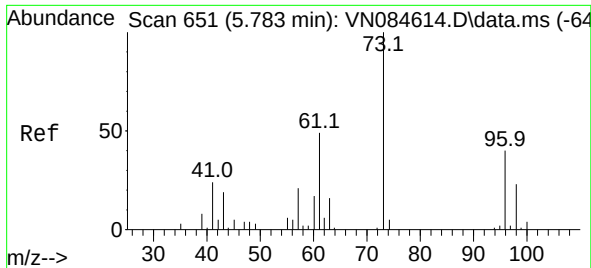
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024



#18
 Methylene Chloride
 Concen: 20.256 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. 0.000 min
 Lab File: VN085054.D
 Acq: 27 Nov 2024 12:55

Tgt Ion: 84 Resp: 40741
 Ion Ratio Lower Upper
 84 100
 49 126.7 93.0 139.6
 51 38.6 28.9 43.3
 86 67.0 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 20.114 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tgt Ion: 96 Resp: 3618

Ion Ratio Lower Upper

96 100

61 135.0 98.1 147.1

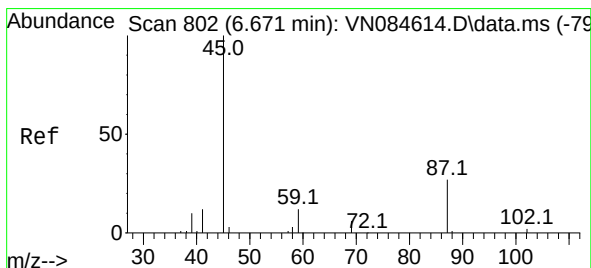
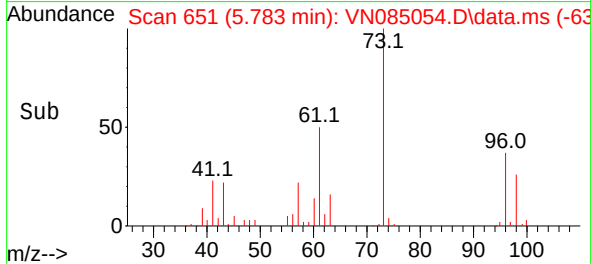
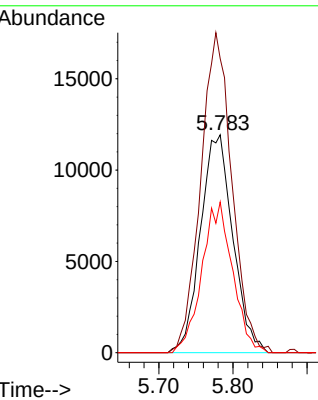
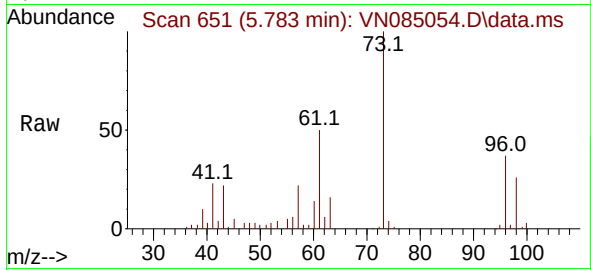
98 69.2 46.6 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#20

Diisopropyl ether

Concen: 21.210 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Tgt Ion: 45 Resp: 124178

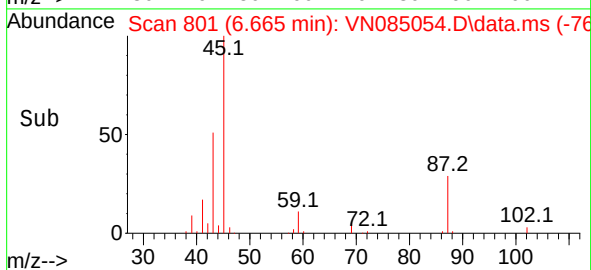
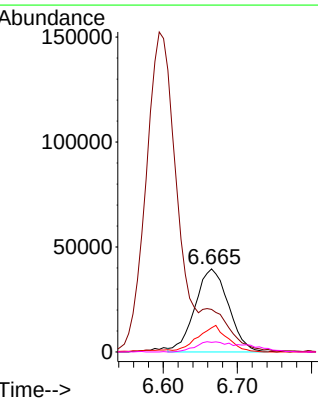
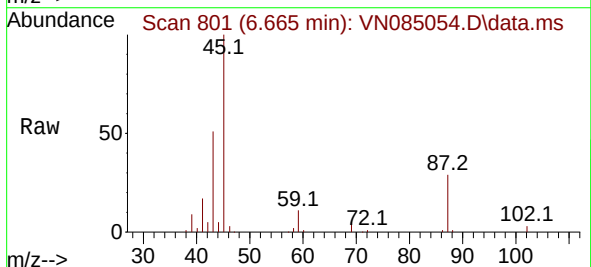
Ion Ratio Lower Upper

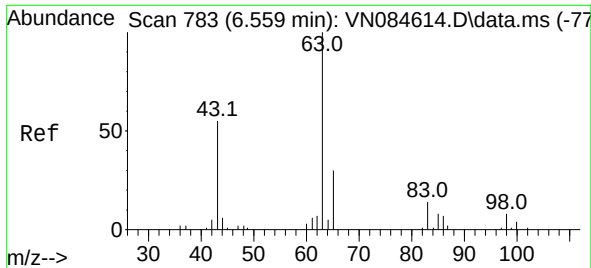
45 100

43 48.4 42.6 64.0

87 29.3 23.0 34.4

59 11.6 9.4 14.0





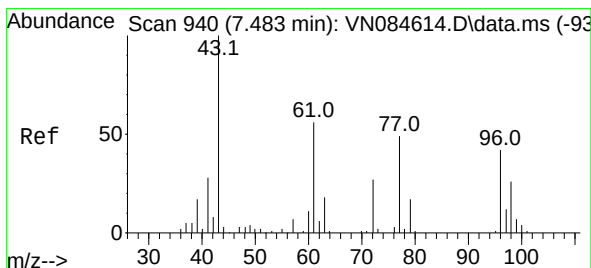
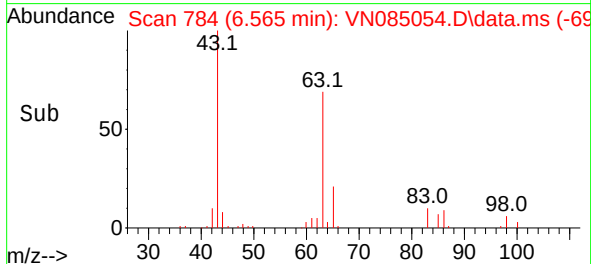
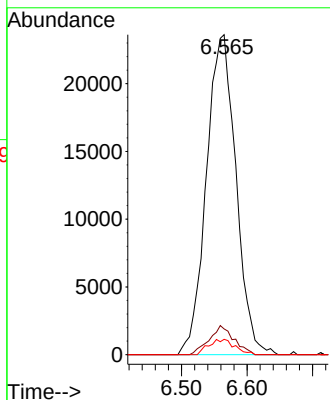
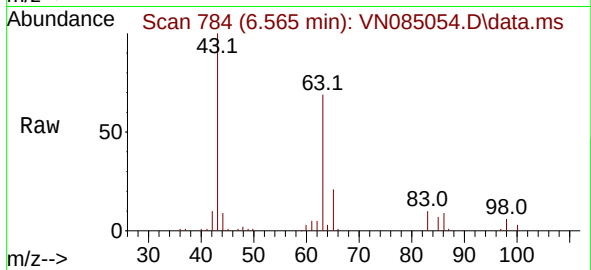
#21
1,1-Dichloroethane
Concen: 21.037 ug/l
RT: 6.565 min Scan# 783
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 63 Resp: 74070
Ion Ratio Lower Upper
63 100
98 8.1 3.8 11.4
100 4.8 1.9 5.7

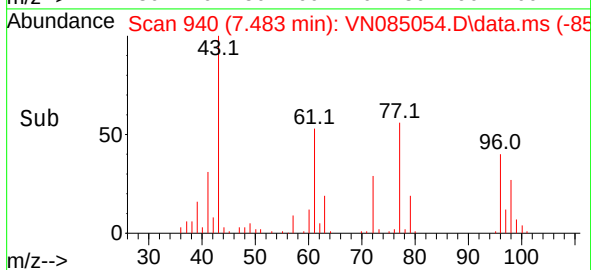
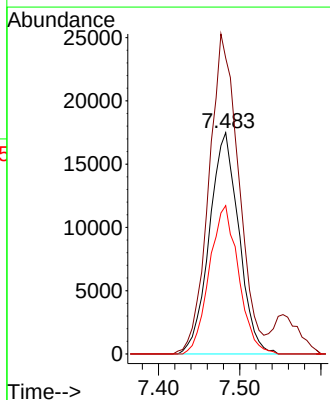
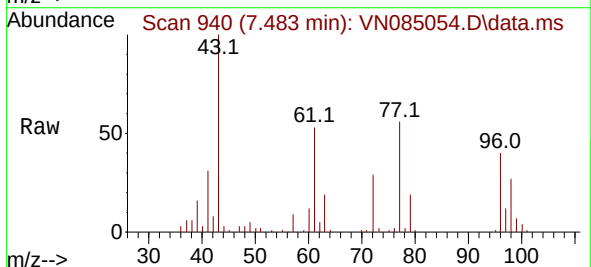
Manual Integrations
APPROVED

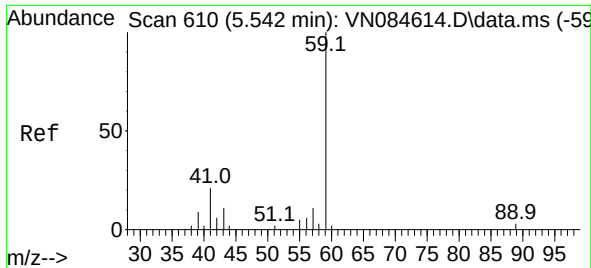
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#22
cis-1,2-Dichloroethene
Concen: 20.566 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 96 Resp: 44172
Ion Ratio Lower Upper
96 100
61 146.5 121.8 182.8
98 66.4 53.2 79.8





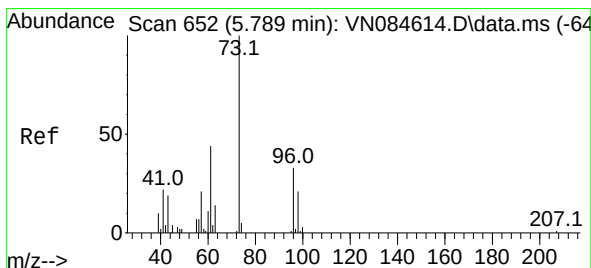
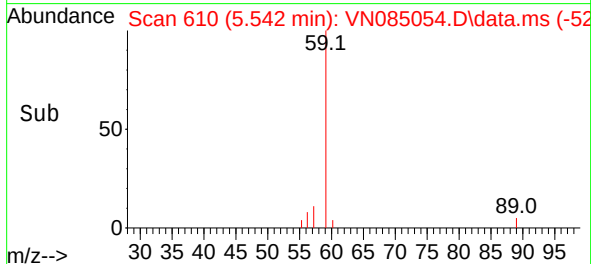
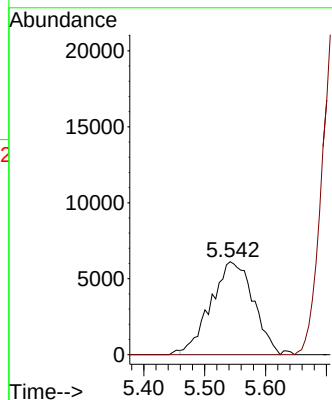
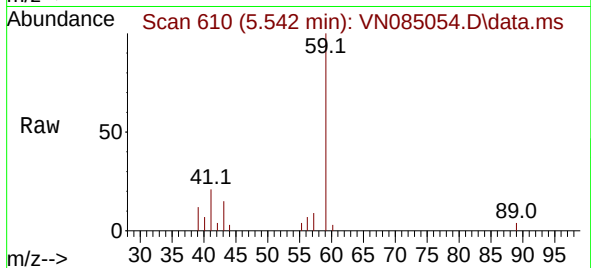
#23
tert-Butyl Alcohol
Concen: 96.976 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 59 Resp: 2963
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

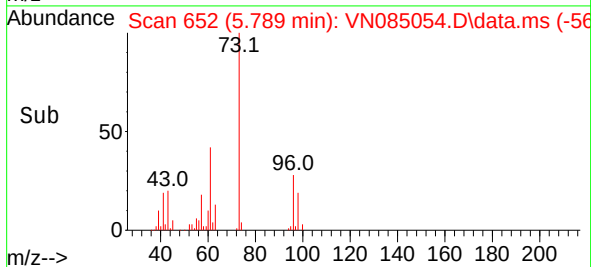
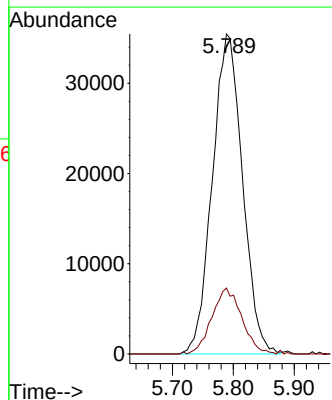
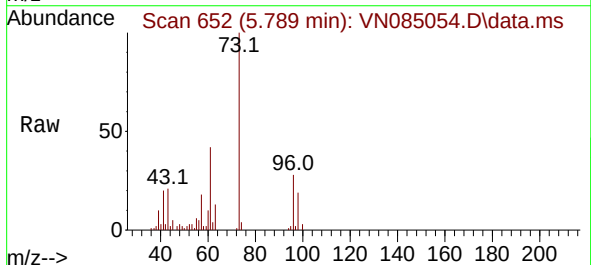
Manual Integrations
APPROVED

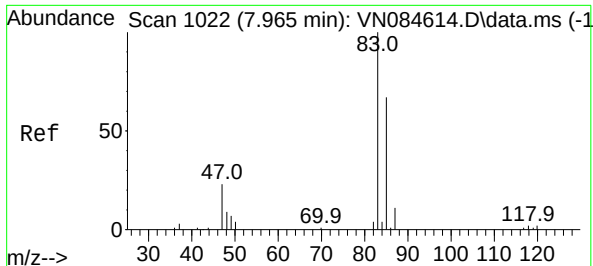
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#24
Methyl tert-Butyl Ether
Concen: 21.960 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 73 Resp: 121886
Ion Ratio Lower Upper
73 100
43 20.3 16.5 24.7





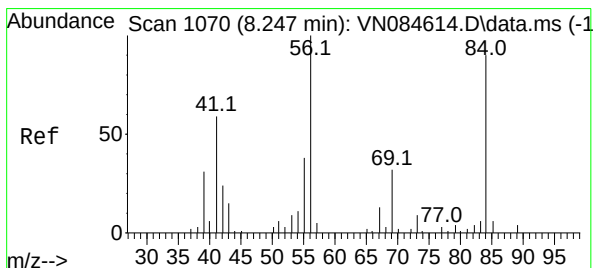
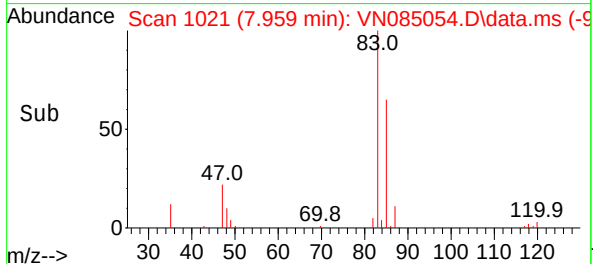
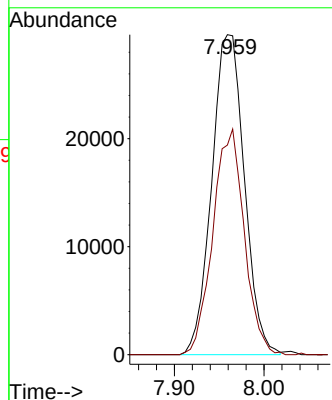
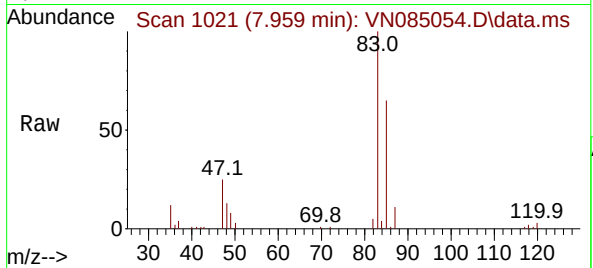
#25
Chloroform
Concen: 20.781 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 83 Resp: 74963
Ion Ratio Lower Upper
83 100
85 65.5 53.4 80.2

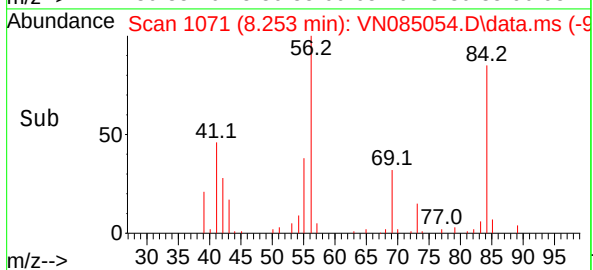
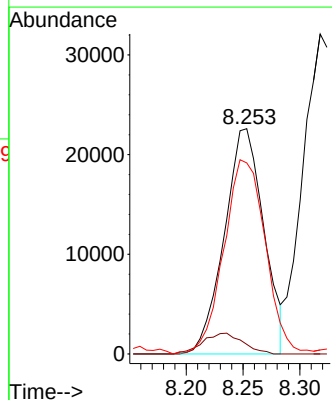
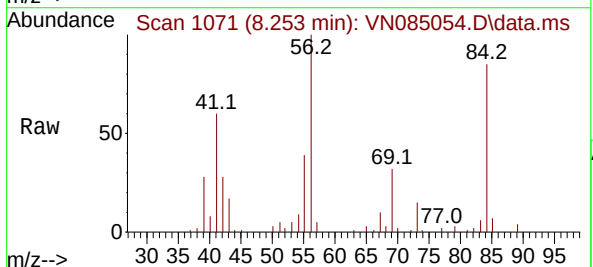
Manual Integrations
APPROVED

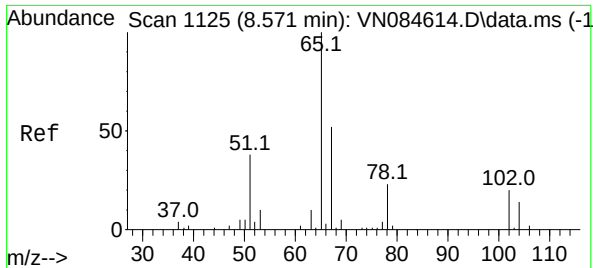
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#26
Cyclohexane
Concen: 20.318 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 56 Resp: 54643
Ion Ratio Lower Upper
56 100
89 9.4 3.0 4.4#
84 90.8 70.6 106.0





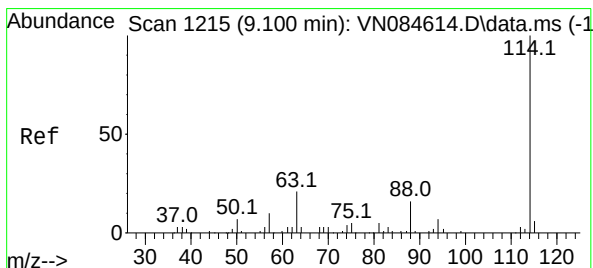
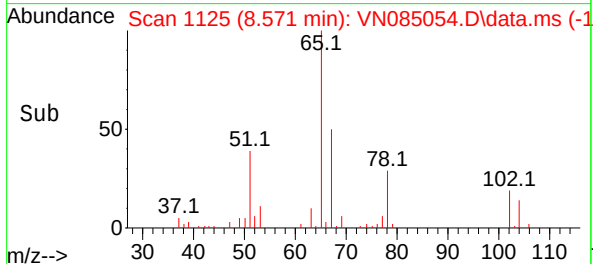
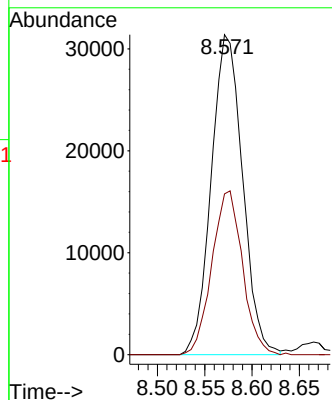
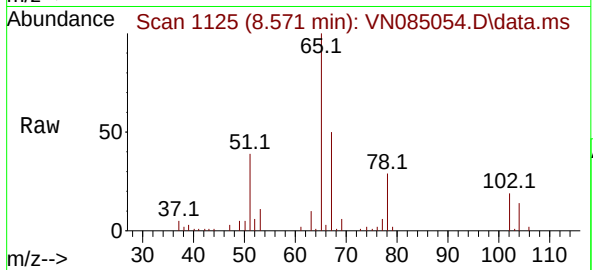
#27
1,2-Dichloroethane-d4
Concen: 30.510 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 65 Resp: 72239
Ion Ratio Lower Upper
65 100
67 49.9 40.7 61.1

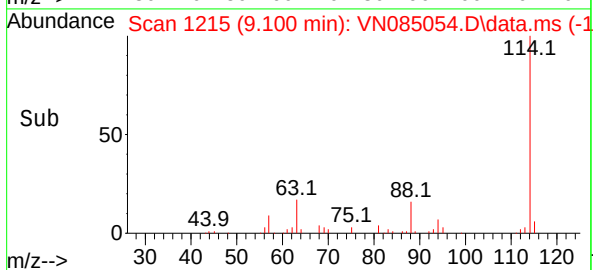
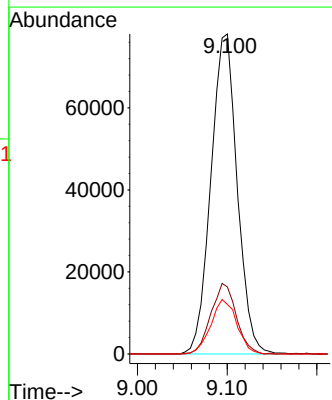
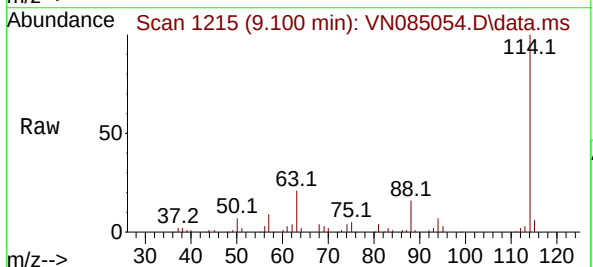
Manual Integrations
APPROVED

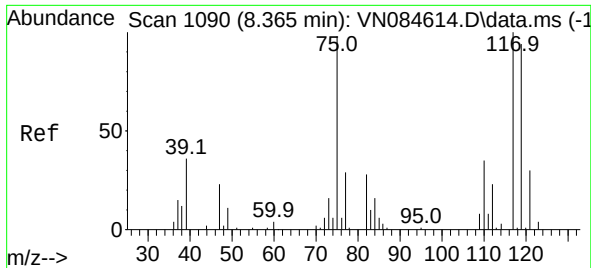
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion:114 Resp: 158864
Ion Ratio Lower Upper
114 100
63 21.3 16.8 25.2
88 16.8 12.9 19.3





#29
1,1-Dichloropropene
Concen: 21.347 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

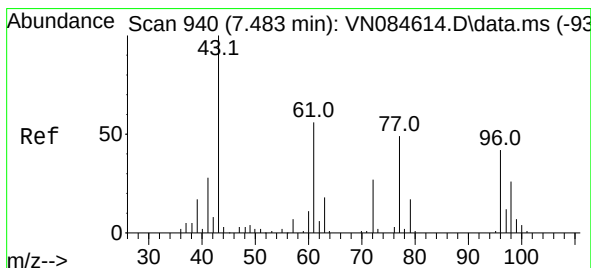
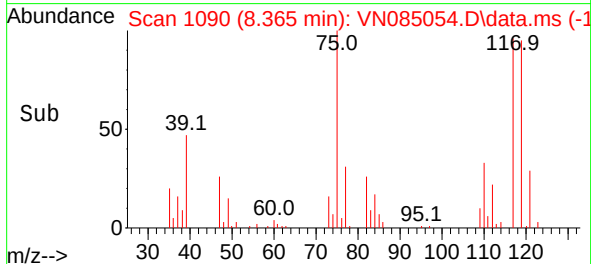
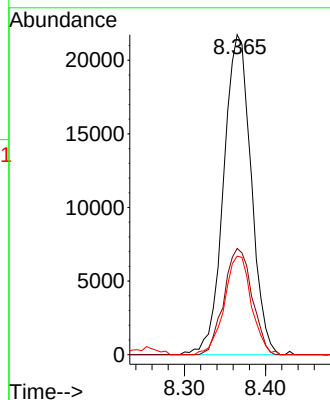
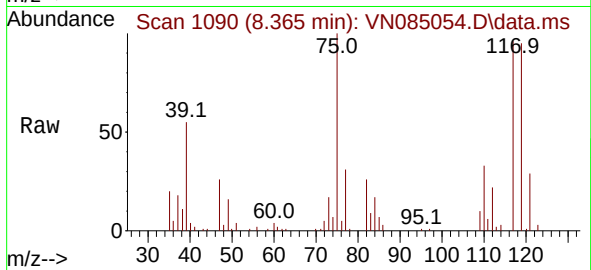
Tgt Ion: 75 Resp: 51079
Ion Ratio Lower Upper
75 100
110 33.9 0.0 69.4
77 30.4 0.0 62.0

Manual Integrations

APPROVED

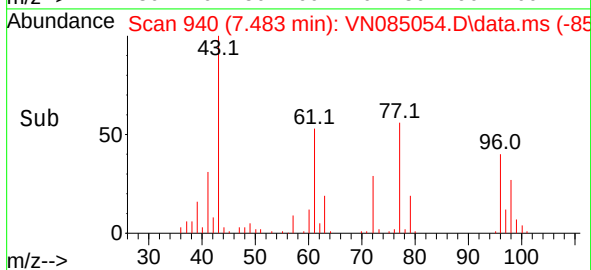
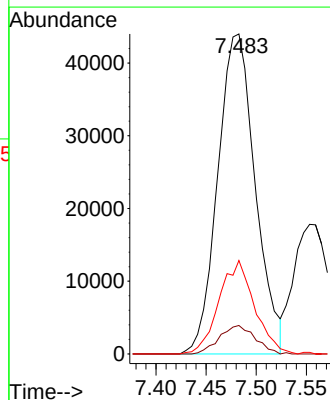
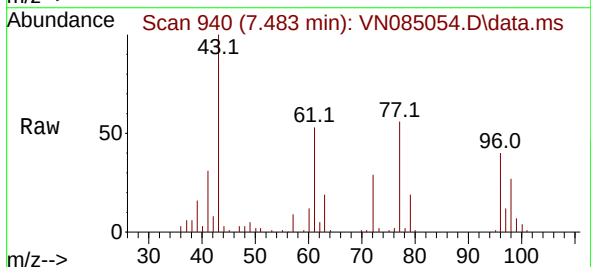
Reviewed By :John Carlone 12/02/2024

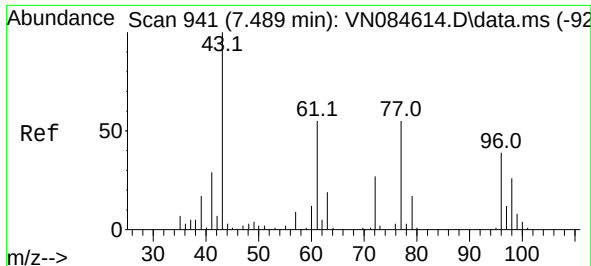
Supervised By :Mahesh Dadoda 12/02/2024



#30
2-Butanone
Concen: 103.771 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

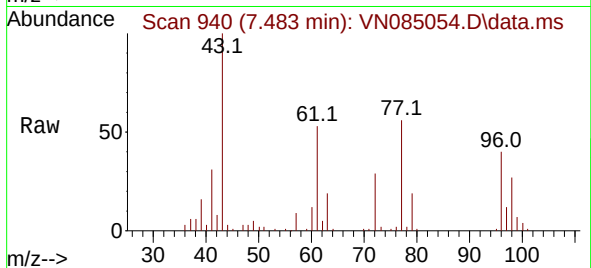
Tgt Ion: 43 Resp: 114539
Ion Ratio Lower Upper
43 100
57 8.4 6.2 9.4
72 27.6 21.5 32.3





#31
2,2-Dichloropropane
Concen: 23.040 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

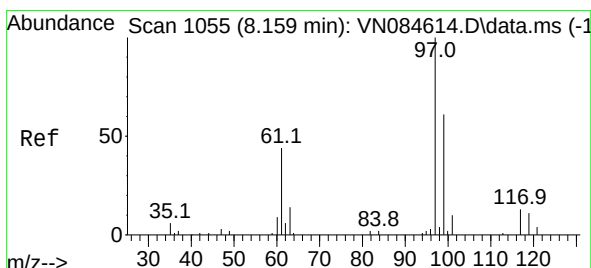
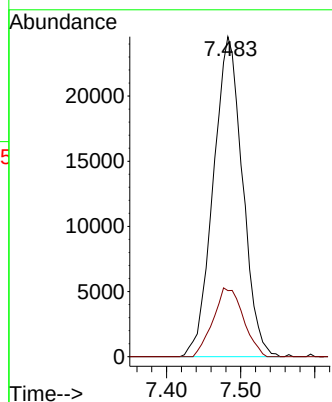
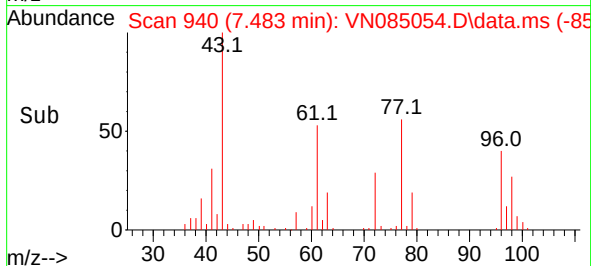
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



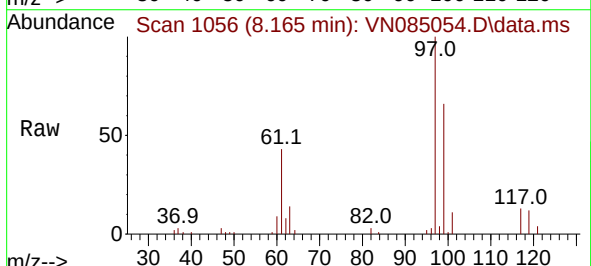
Tgt Ion: 77 Resp: 67298
Ion Ratio Lower Upper
77 100
97 22.1 17.4 26.2

Manual Integrations
APPROVED

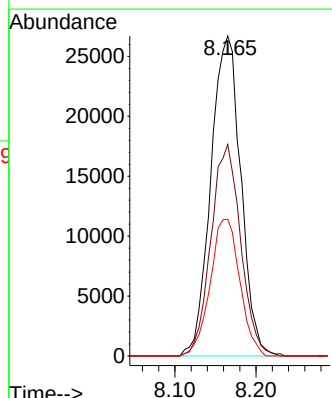
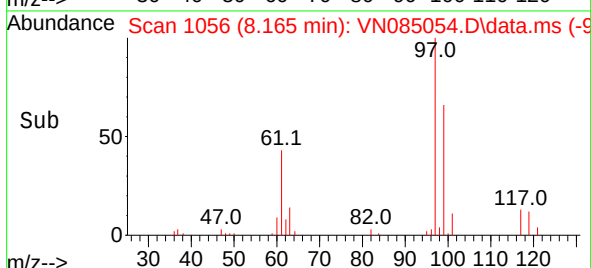
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

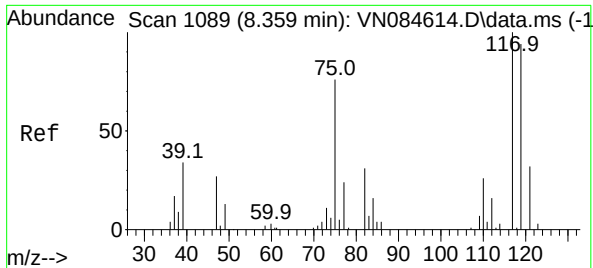


#32
1,1,1-Trichloroethane
Concen: 21.058 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



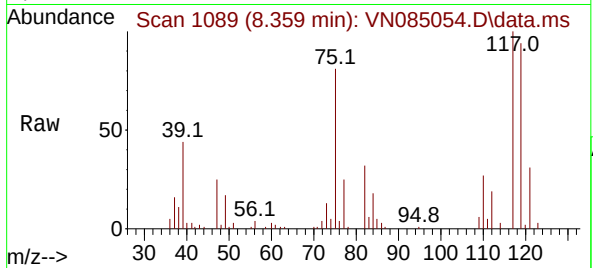
Tgt Ion: 97 Resp: 68456
Ion Ratio Lower Upper
97 100
99 65.6 51.6 77.4
61 42.3 34.2 51.4





#33
Carbon Tetrachloride
Concen: 21.623 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

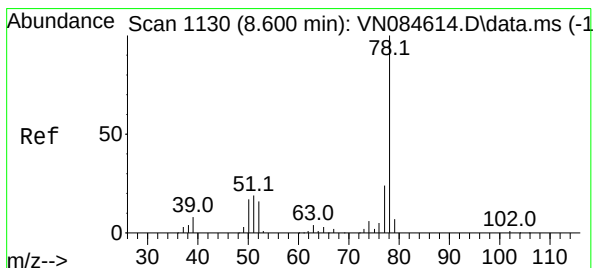
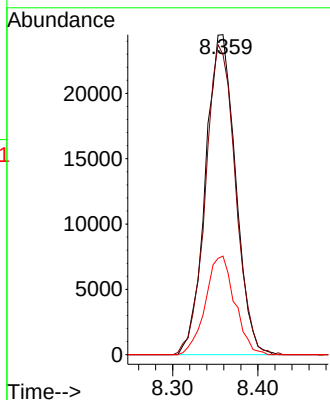
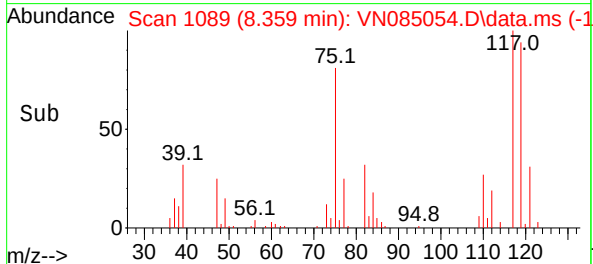
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



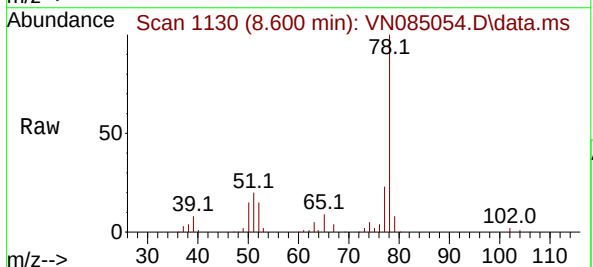
Tgt Ion:117 Resp: 59980
Ion Ratio Lower Upper
117 100
119 93.2 75.7 113.5
121 30.8 25.4 38.0

Manual Integrations
APPROVED

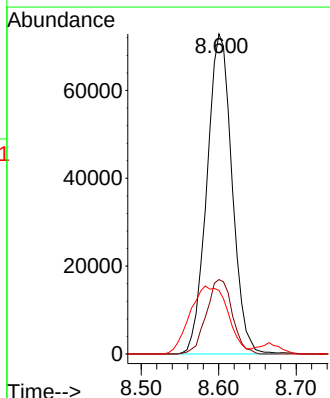
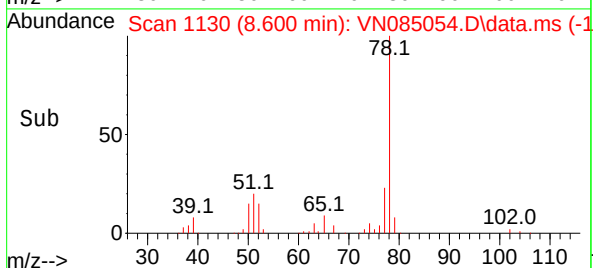
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

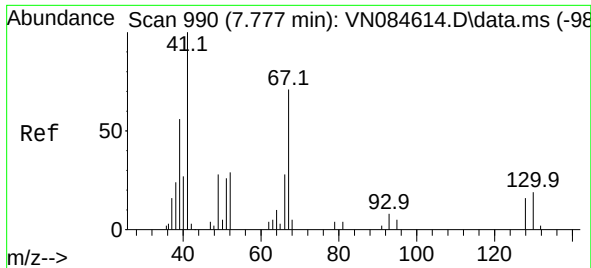


#34
Benzene
Concen: 20.759 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



Tgt Ion: 78 Resp: 164188
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9
51 17.5 16.1 24.1





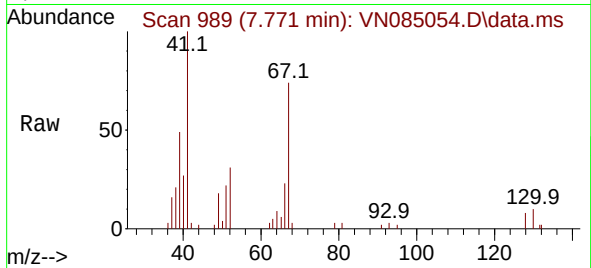
#35
Methacrylonitrile
Concen: 20.183 ug/l
RT: 7.771 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01



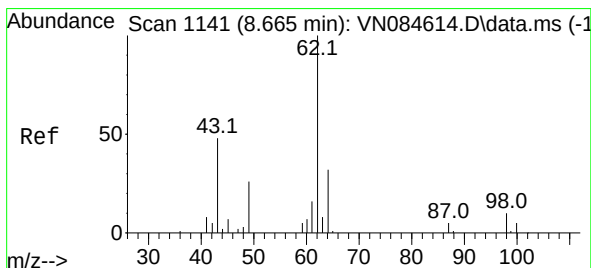
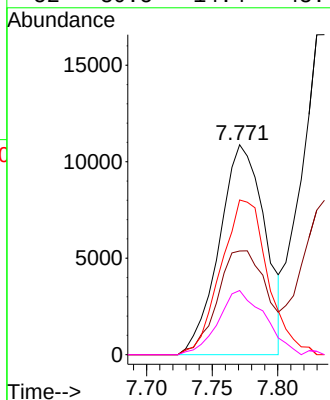
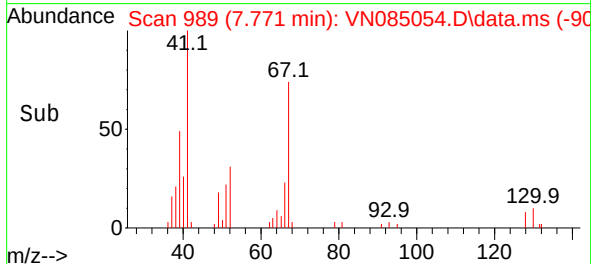
Tgt Ion: 41 Resp: 2640
Ion Ratio Lower Upper
41 100
39 49.4 28.2 84.6
67 73.7 35.6 106.8
52 30.5 14.4 43.4

Manual Integrations

APPROVED

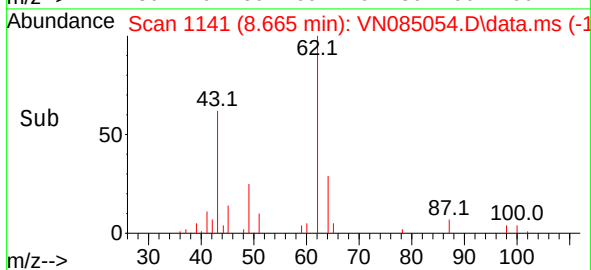
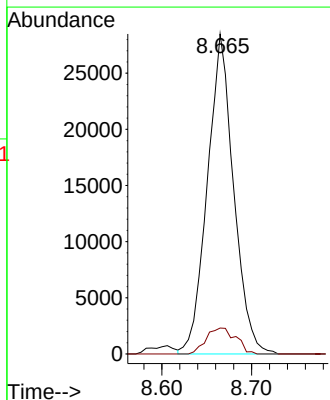
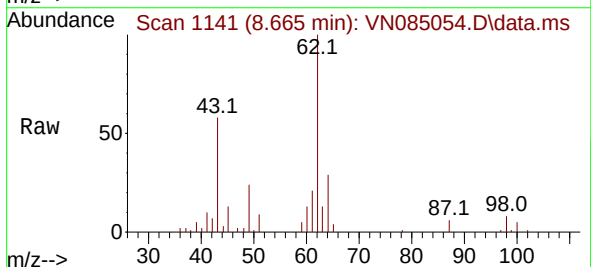
Reviewed By :John Carlone 12/02/2024

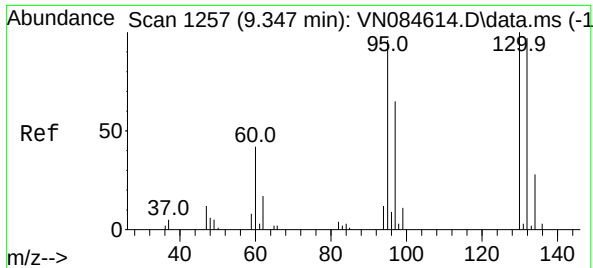
Supervised By :Mahesh Dadoda 12/02/2024



#36
1,2-Dichloroethane
Concen: 22.007 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

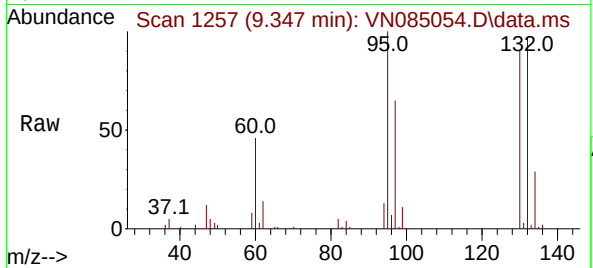
Tgt Ion: 62 Resp: 57882
Ion Ratio Lower Upper
62 100
98 7.2 7.8 11.6#





#37
Trichloroethene
Concen: 21.030 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

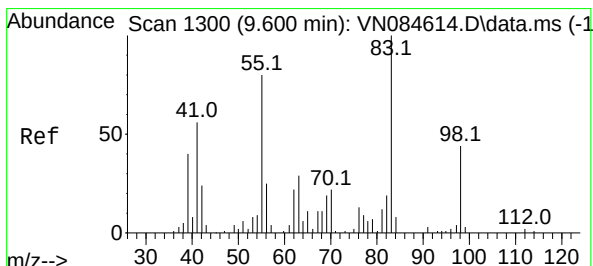
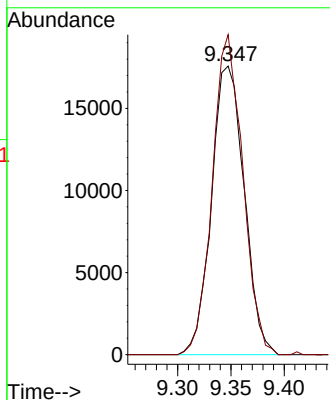
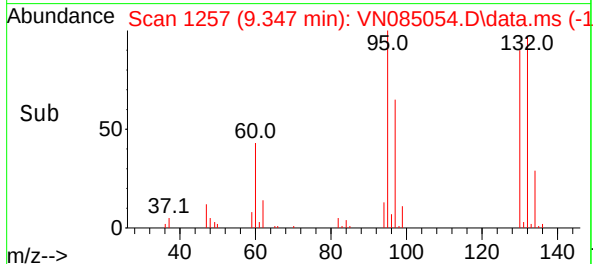
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



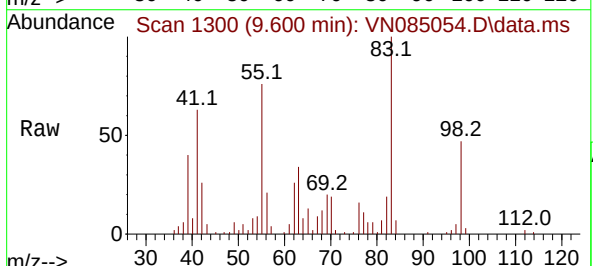
Tgt Ion:130 Resp: 3752
Ion Ratio Lower Upper
130 100
95 110.9 76.6 115.0

Manual Integrations
APPROVED

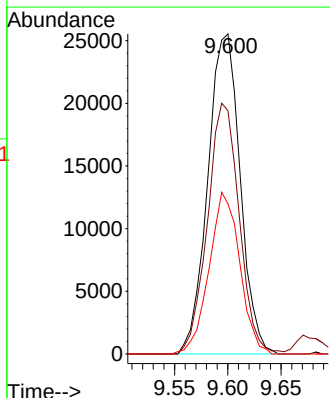
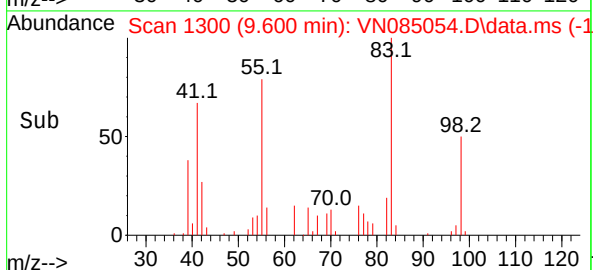
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

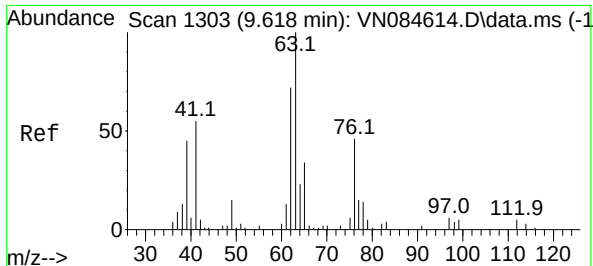


#38
Methylcyclohexane
Concen: 20.972 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



Tgt Ion: 83 Resp: 54024
Ion Ratio Lower Upper
83 100
55 76.8 39.6 118.8
98 47.9 23.2 69.5





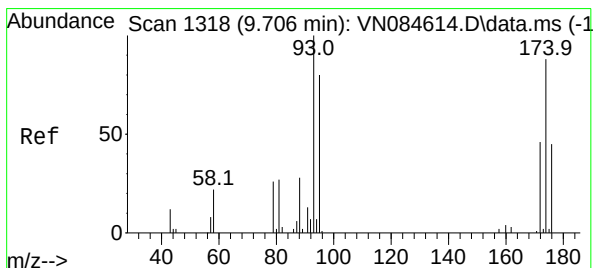
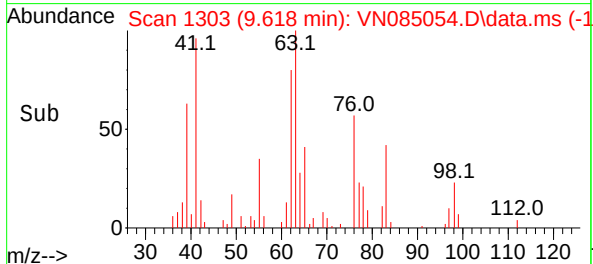
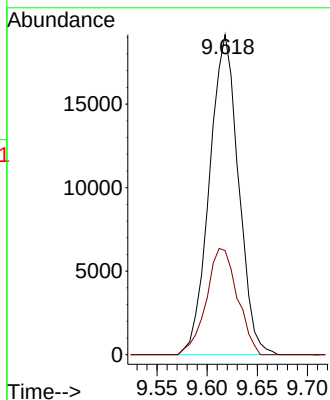
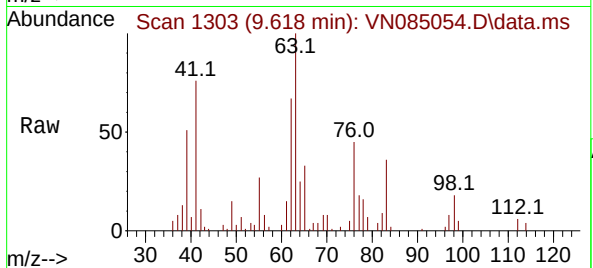
#39
1,2-Dichloropropane
Concen: 20.229 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 63 Resp: 3851
Ion Ratio Lower Upper
63 100
65 32.5 27.8 41.8

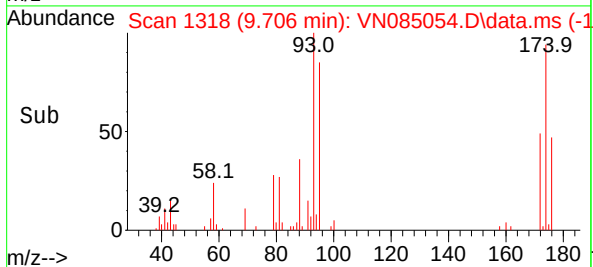
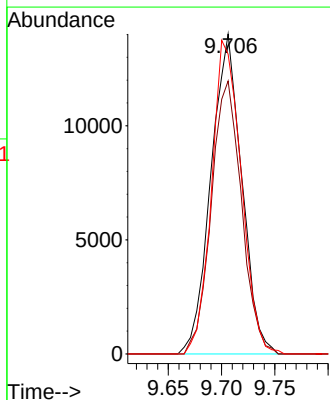
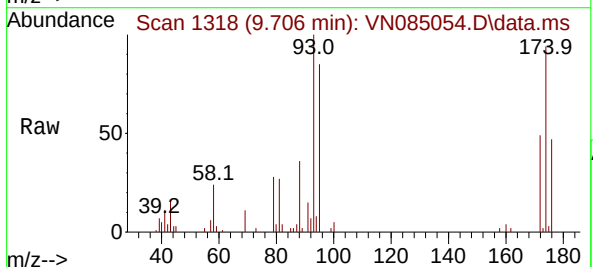
Manual Integrations
APPROVED

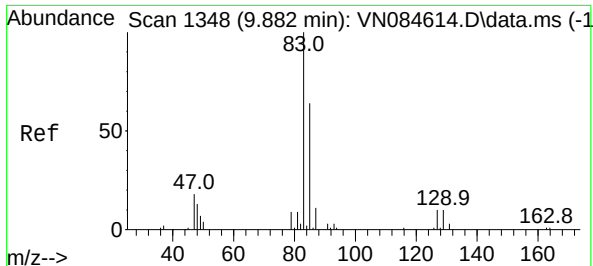
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#40
Dibromomethane
Concen: 21.123 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

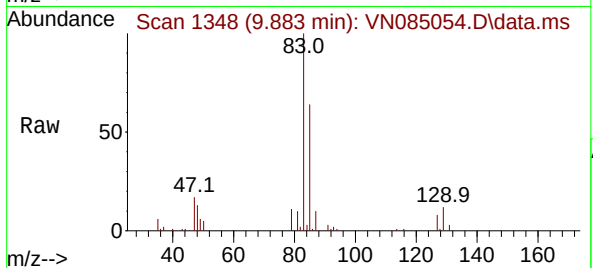
Tgt Ion: 93 Resp: 28134
Ion Ratio Lower Upper
93 100
95 83.9 0.0 168.4
174 94.5 0.0 183.4





#41
Bromodichloromethane
Concen: 21.154 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

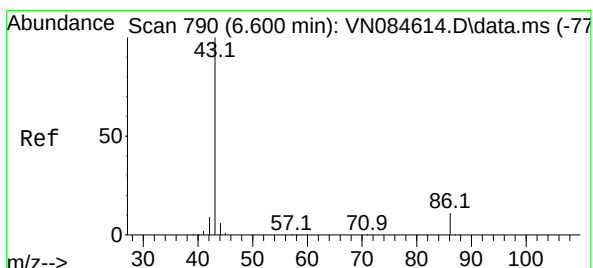
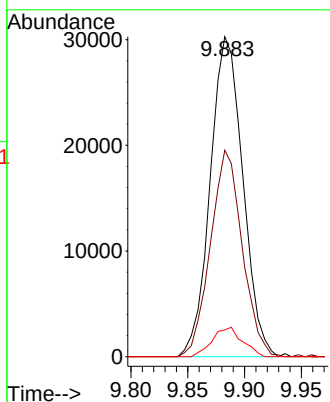
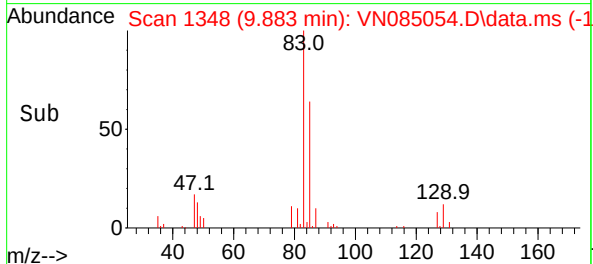
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 83 Resp: 60402
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.6
127 8.4 7.8 11.6

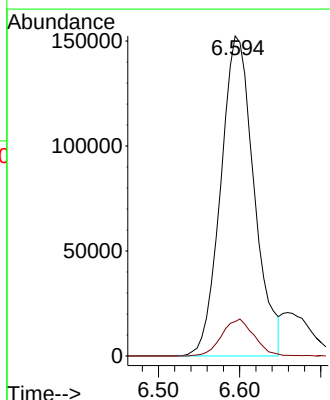
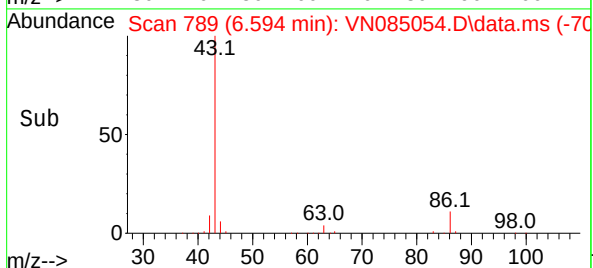
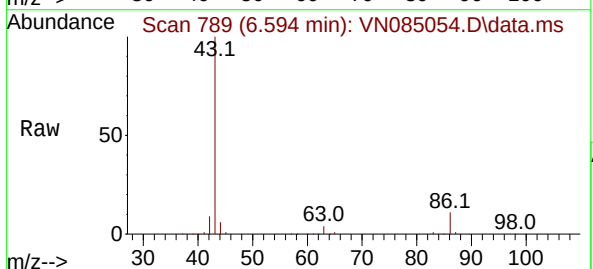
Manual Integrations
APPROVED

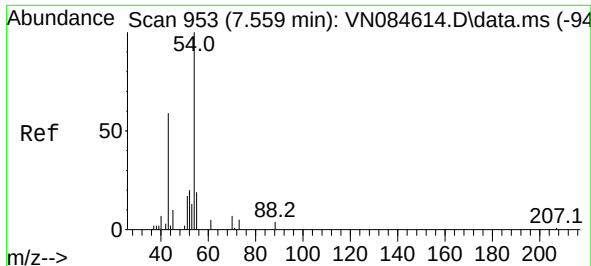
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#42
Vinyl Acetate
Concen: 105.670 ug/l
RT: 6.594 min Scan# 789
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 43 Resp: 435967
Ion Ratio Lower Upper
43 100
86 11.2 8.6 13.0





#43

Ethyl Acetate

Concen: 17.868 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tgt Ion: 43 Resp: 4144

Ion Ratio Lower Upper

43 100

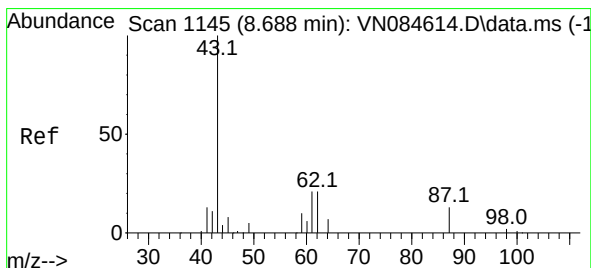
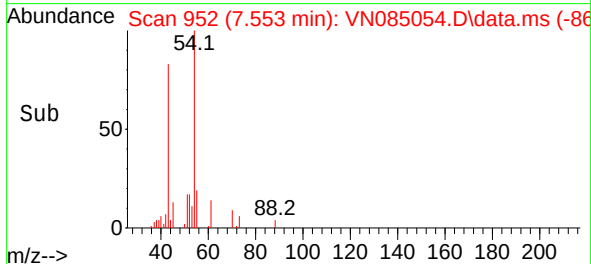
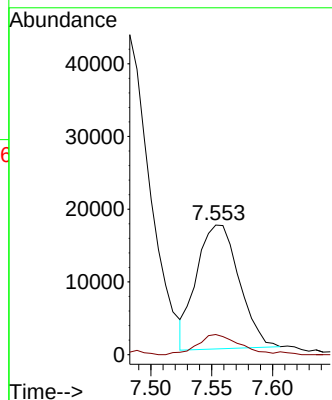
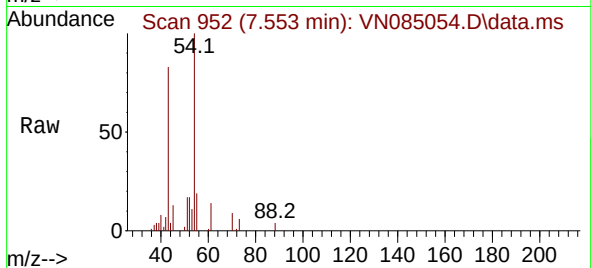
45 15.7 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#44

Isopropyl Acetate

Concen: 21.422 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085054.D

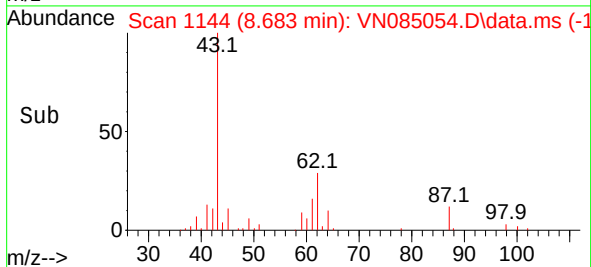
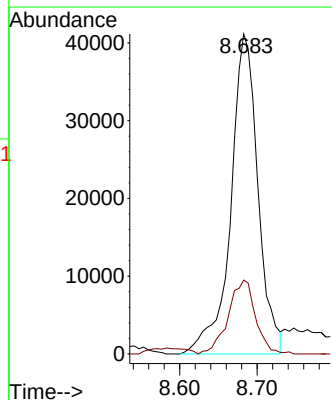
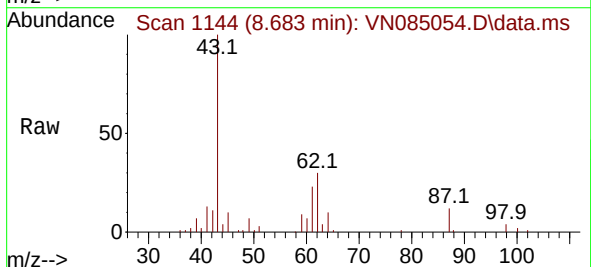
Acq: 27 Nov 2024 12:55

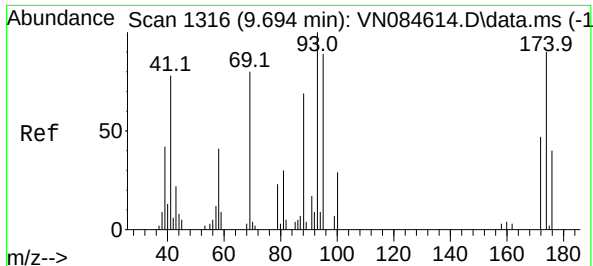
Tgt Ion: 43 Resp: 100608

Ion Ratio Lower Upper

43 100

61 23.1 19.8 29.8





#45

1,4-Dioxane

Concen: 385.090 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

Tgt Ion: 88 Resp: 12074

Ion Ratio Lower Upper

88 100

43 16.9 20.8 31.2

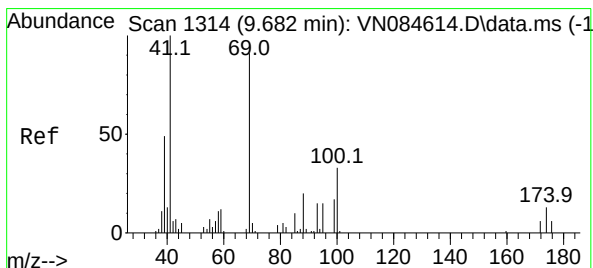
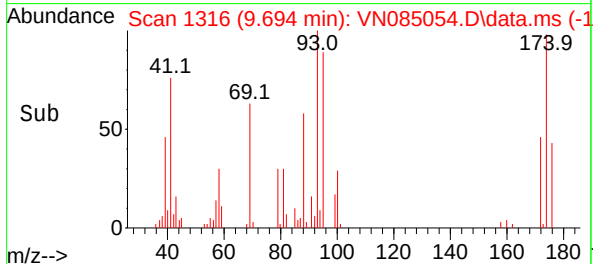
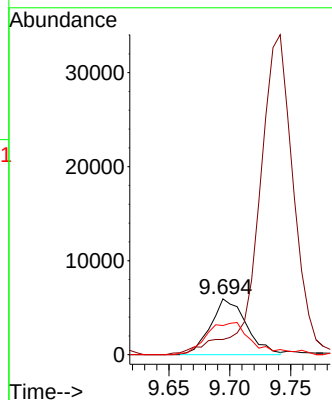
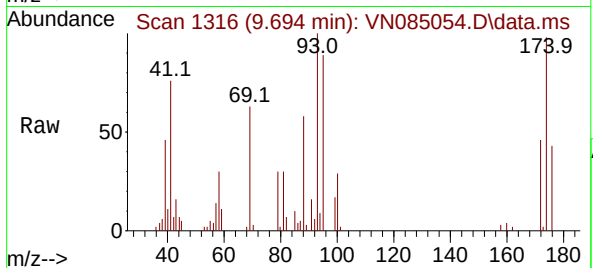
58 68.8 53.4 80.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#46

Methyl methacrylate

Concen: 19.018 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

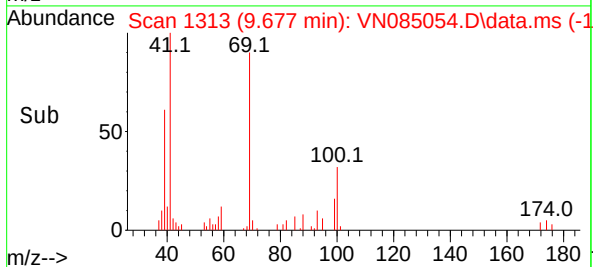
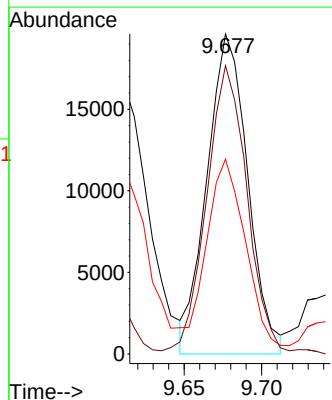
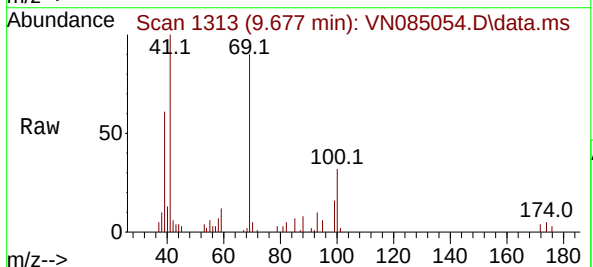
Tgt Ion: 41 Resp: 35892

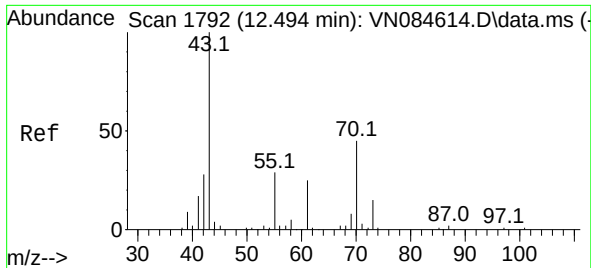
Ion Ratio Lower Upper

41 100

69 93.6 43.4 130.2

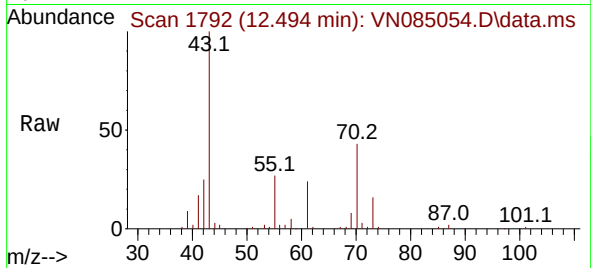
39 61.8 24.7 74.1





#47
n-amyl acetate
Concen: 18.519 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

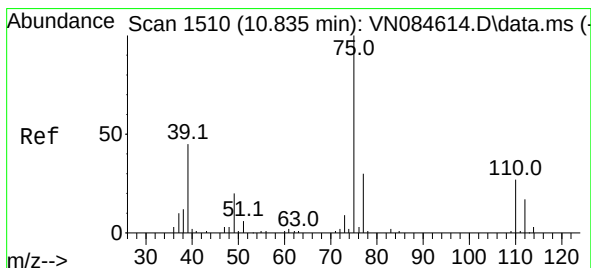
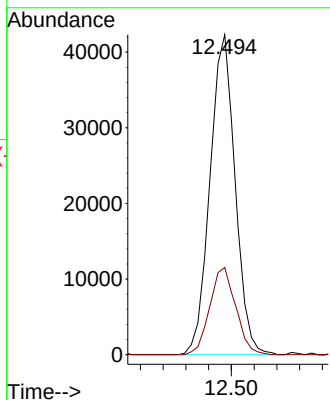
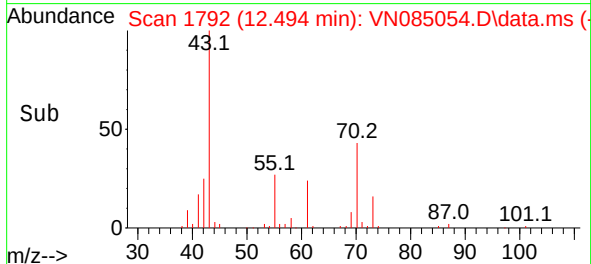
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 43 Resp: 64954
Ion Ratio Lower Upper
43 100
55 28.2 22.0 33.0

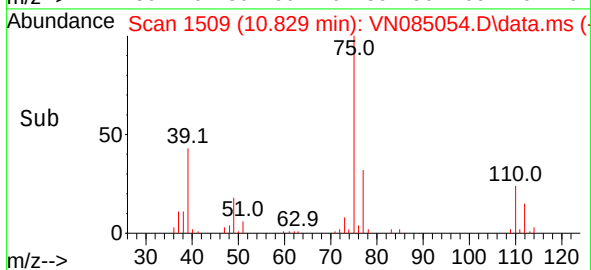
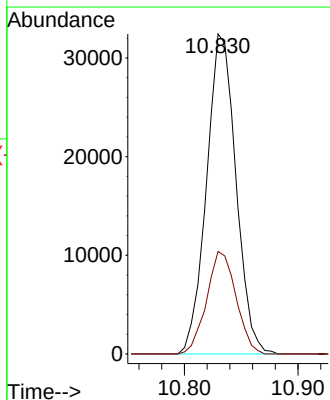
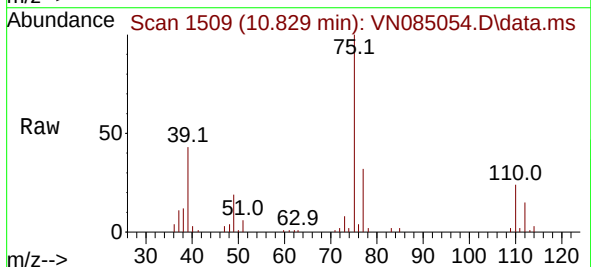
Manual Integrations
APPROVED

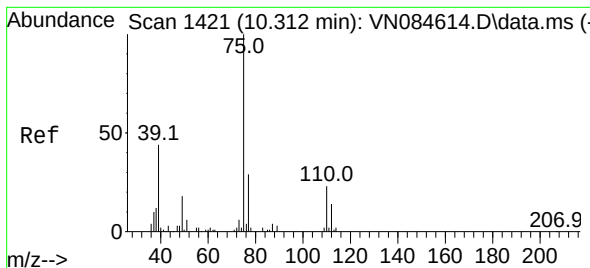
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#48
t-1,3-Dichloropropene
Concen: 20.706 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

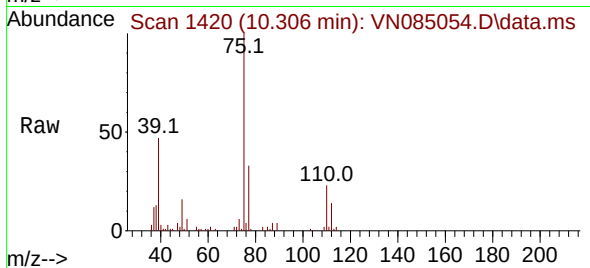
Tgt Ion: 75 Resp: 58378
Ion Ratio Lower Upper
75 100
77 32.0 24.4 36.6





#49
cis-1,3-Dichloropropene
Concen: 21.297 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

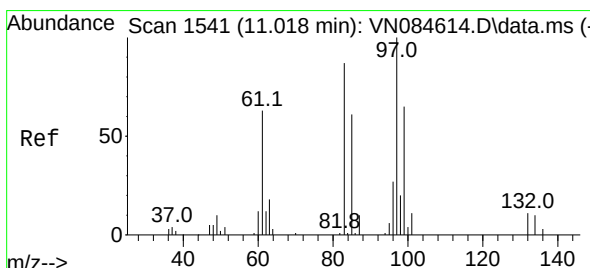
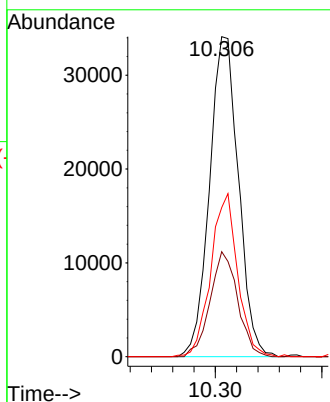
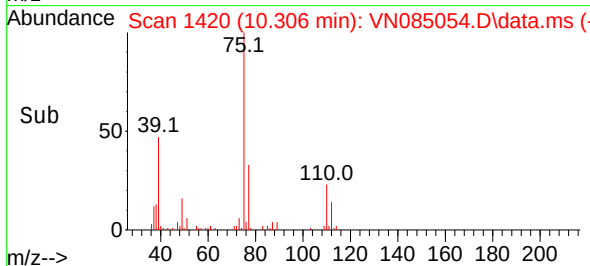
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 75 Resp: 64354
Ion Ratio Lower Upper
75 100
77 32.8 23.4 35.2
39 46.6 35.4 53.2

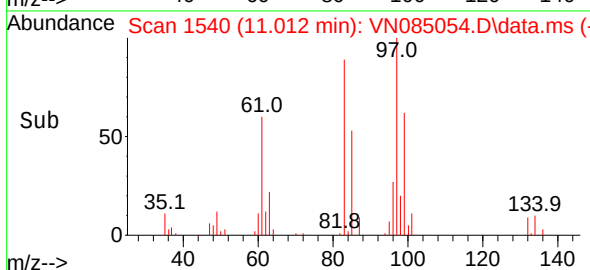
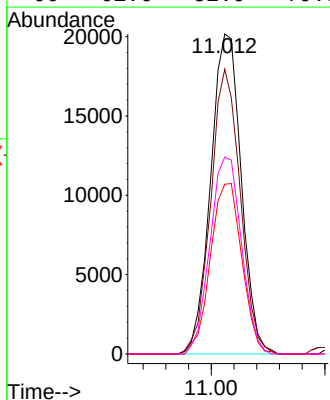
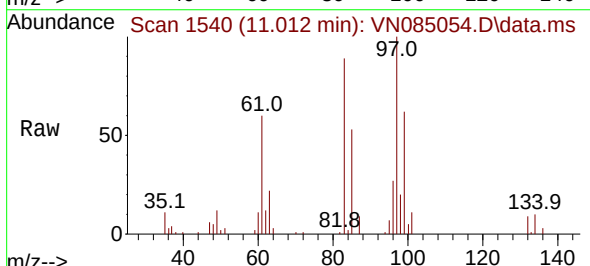
Manual Integrations
APPROVED

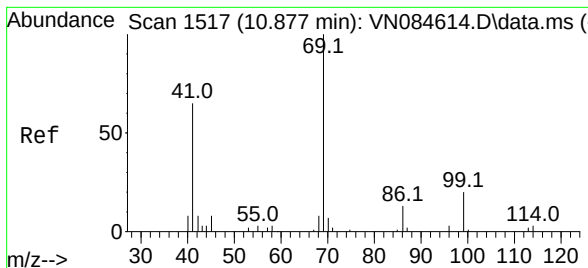
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#50
1,1,2-Trichloroethane
Concen: 21.081 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

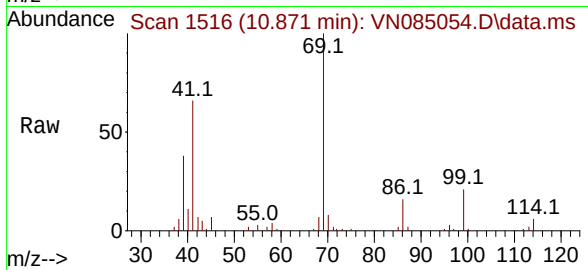
Tgt Ion: 97 Resp: 37662
Ion Ratio Lower Upper
97 100
83 89.0 69.8 104.8
85 53.1 48.6 73.0
99 61.6 52.9 79.3





#51
Ethyl methacrylate
Concen: 19.368 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

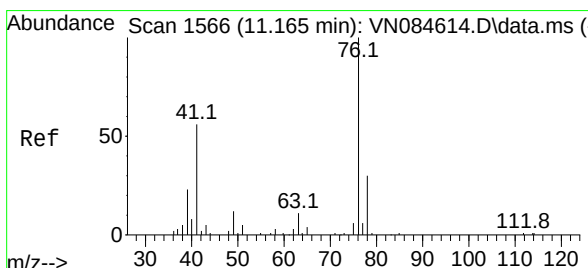
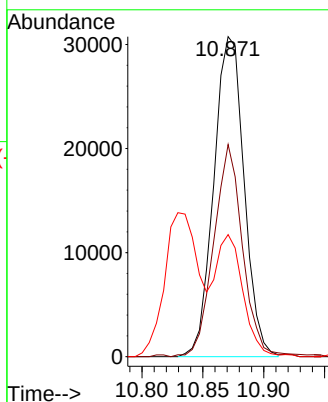
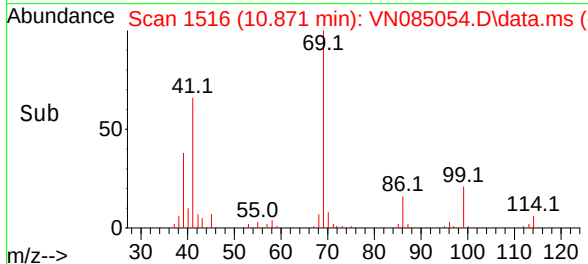
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 69 Resp: 53336
Ion Ratio Lower Upper
69 100
41 65.7 32.8 98.3
39 37.6 15.4 46.1

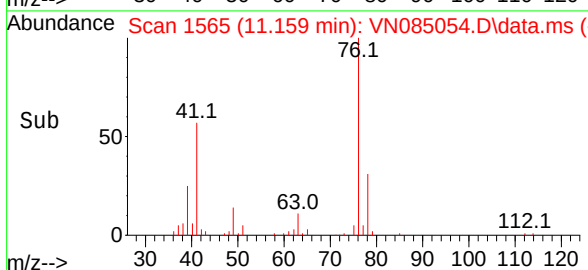
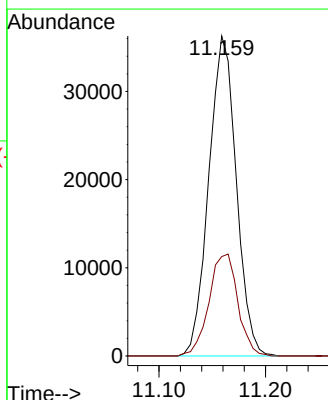
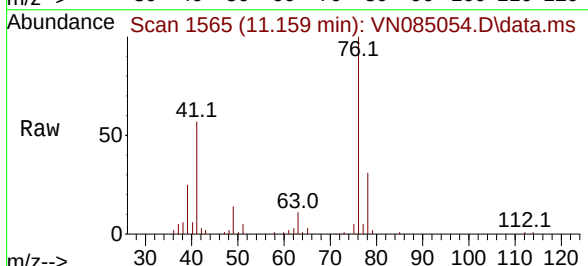
Manual Integrations
APPROVED

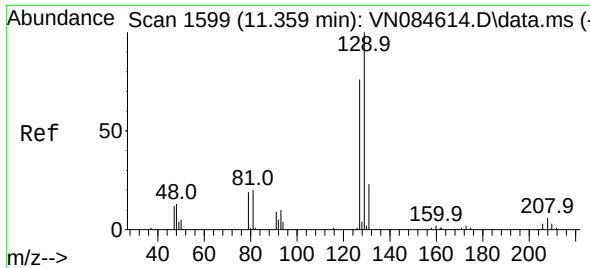
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#52
1,3-Dichloropropane
Concen: 20.965 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

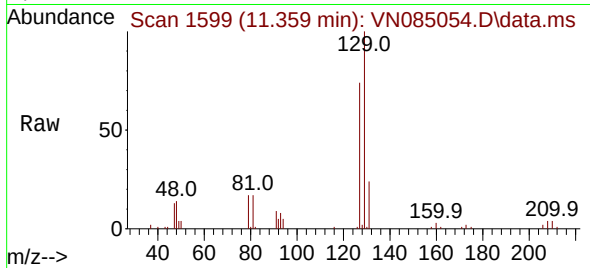
Tgt Ion: 76 Resp: 65014
Ion Ratio Lower Upper
76 100
78 33.3 0.0 64.0





#53
Dibromochloromethane
Concen: 21.619 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

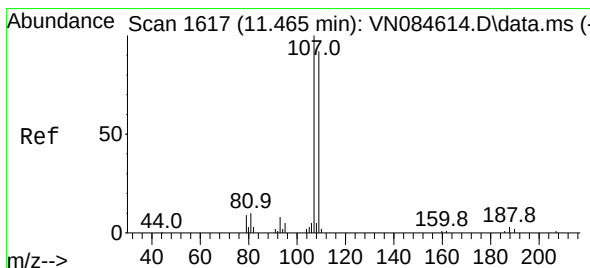
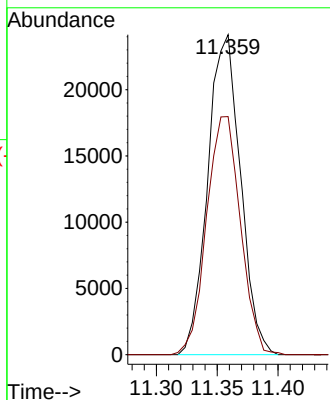
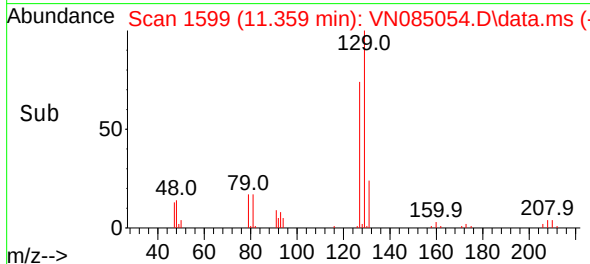
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



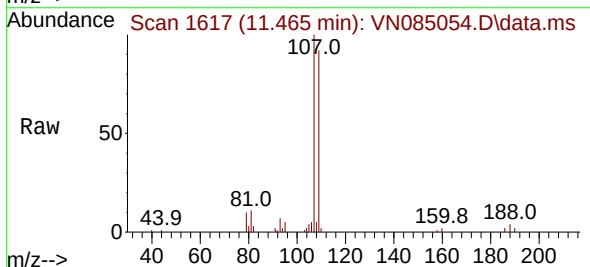
Tgt Ion:129 Resp: 45200
Ion Ratio Lower Upper
129 100
127 76.7 39.6 119.0

Manual Integrations
APPROVED

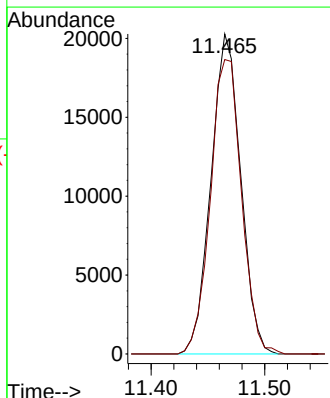
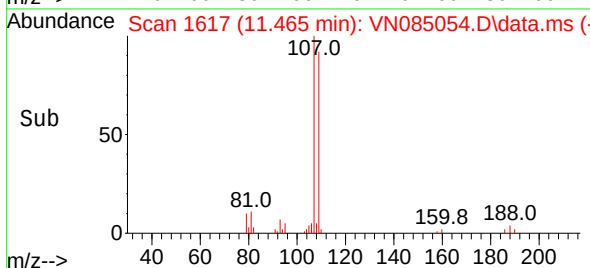
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

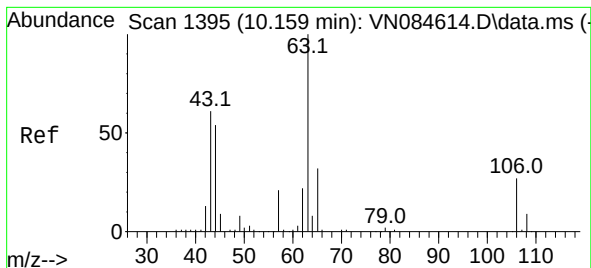


#54
1,2-Dibromoethane
Concen: 20.394 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



Tgt Ion:107 Resp: 36851
Ion Ratio Lower Upper
107 100
109 96.4 73.4 110.0





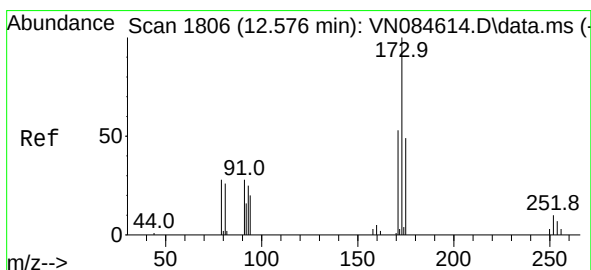
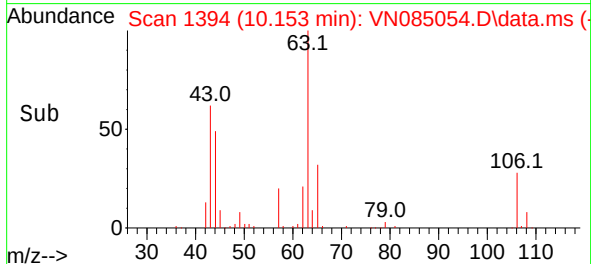
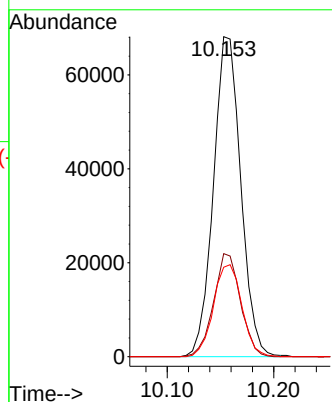
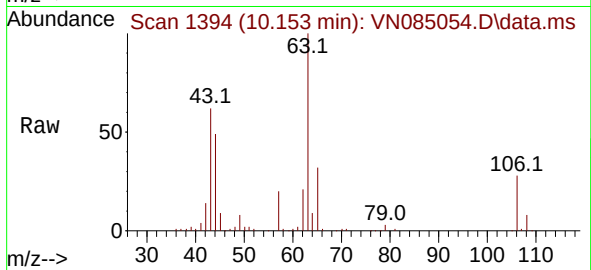
#55
2-Chloroethyl vinyl ether
Concen: 90.020 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 63 Resp: 121540
Ion Ratio Lower Upper
63 100
65 31.5 25.5 38.3
106 29.8 22.3 33.5

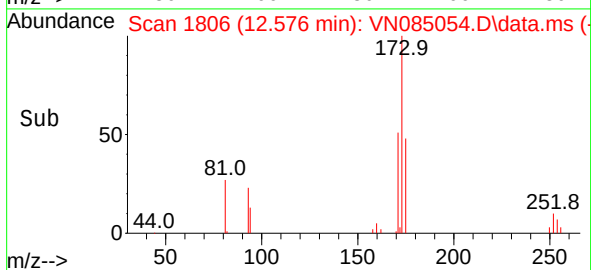
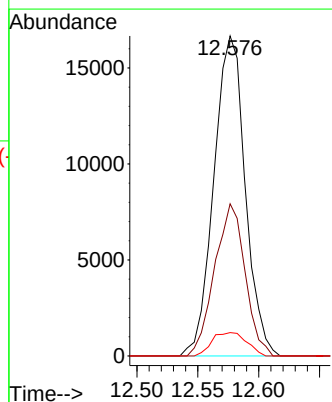
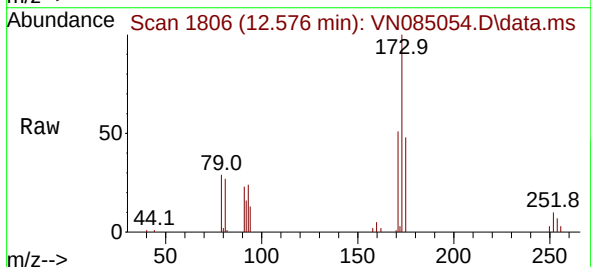
Manual Integrations
APPROVED

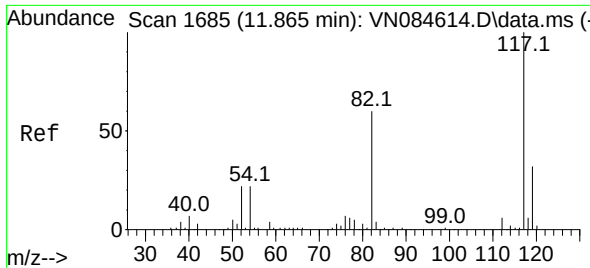
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#56
Bromoform
Concen: 21.293 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

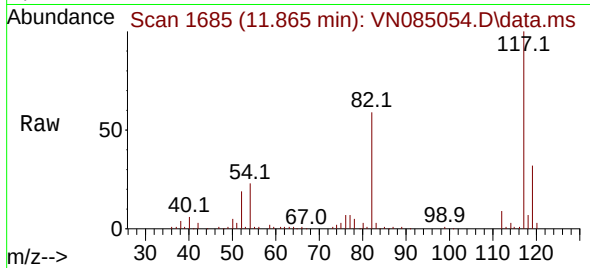
Tgt Ion:173 Resp: 29840
Ion Ratio Lower Upper
173 100
175 46.2 39.4 59.2
254 8.1 6.4 9.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

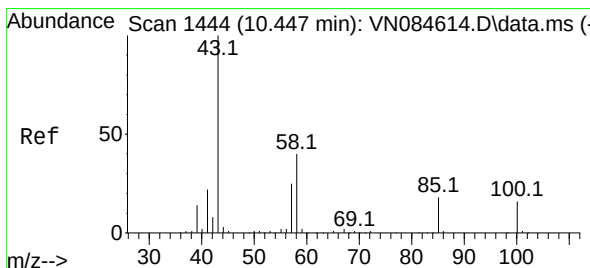
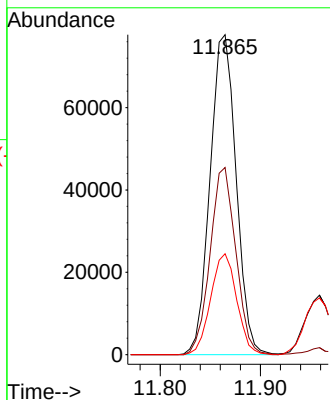
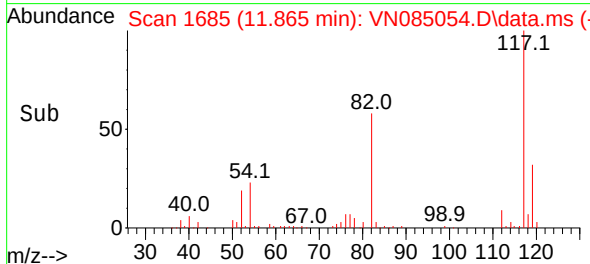
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



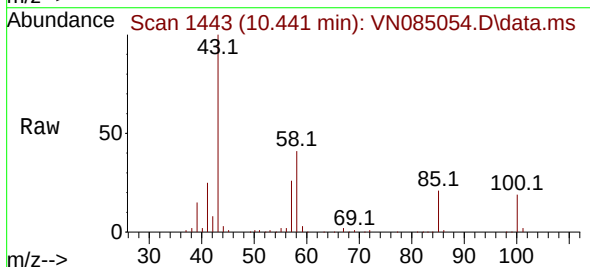
Tgt Ion:117 Resp: 140518
Ion Ratio Lower Upper
117 100
82 57.6 45.5 68.3
119 31.5 25.3 37.9

Manual Integrations
APPROVED

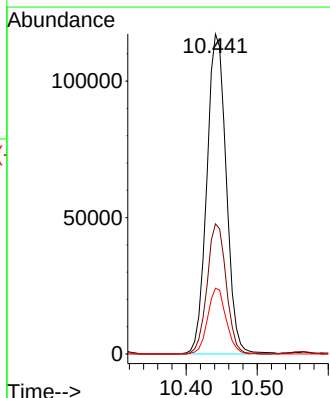
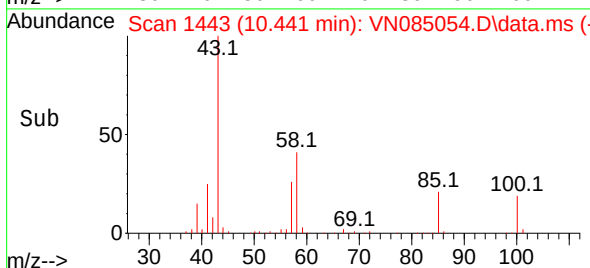
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

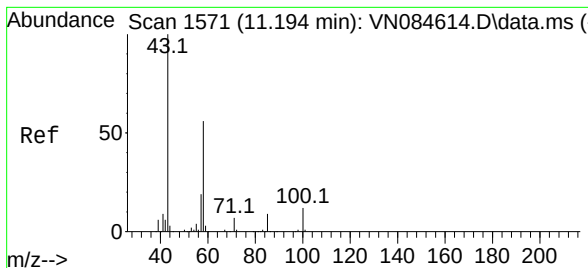


#58
4-Methyl-2-Pentanone
Concen: 100.535 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



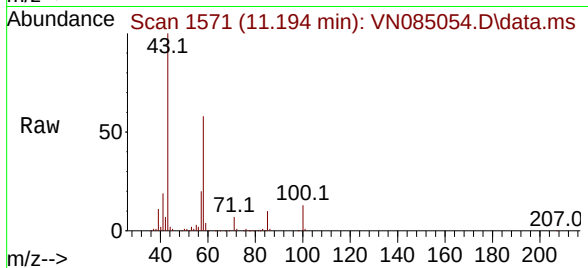
Tgt Ion: 43 Resp: 222869
Ion Ratio Lower Upper
43 100
58 40.0 31.2 46.8
85 19.5 14.9 22.3





#59
2-Hexanone
Concen: 102.630 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

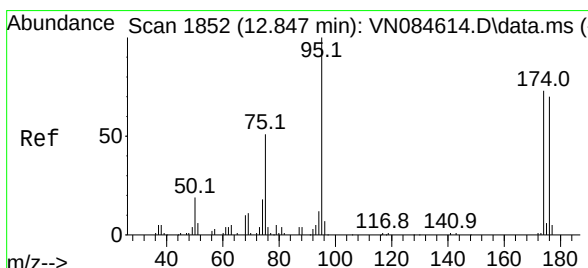
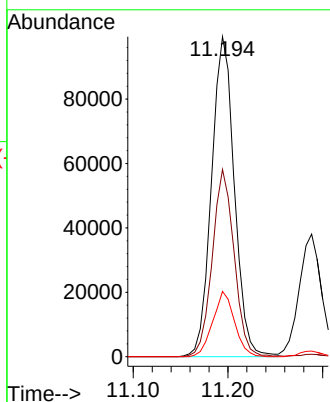
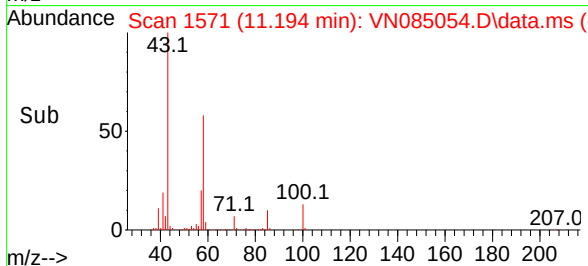
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 43 Resp: 166599
Ion Ratio Lower Upper
43 100
58 56.0 43.8 65.6
57 19.5 15.0 22.6

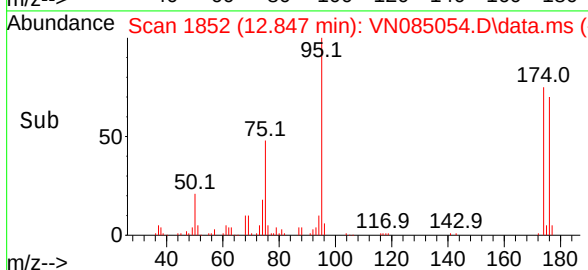
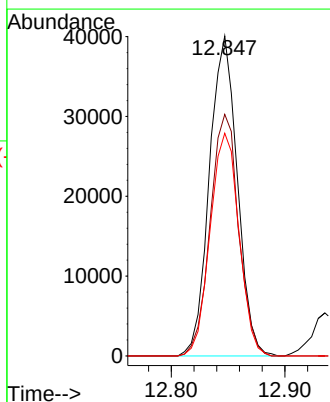
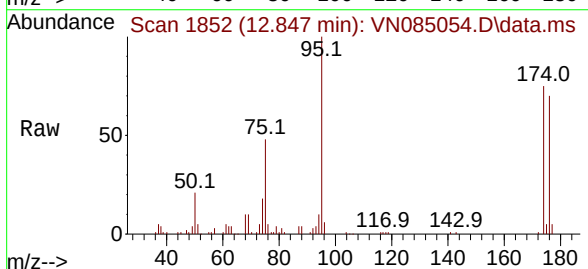
Manual Integrations
APPROVED

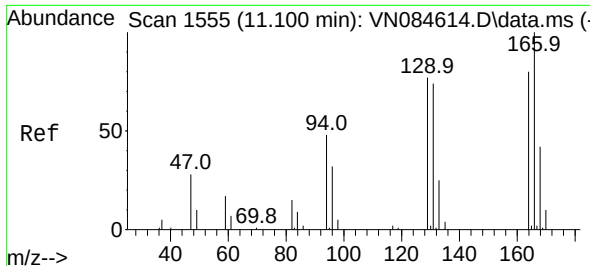
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#60
4-Bromofluorobenzene
Concen: 28.265 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

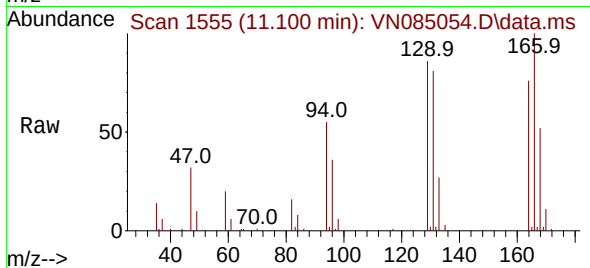
Tgt Ion: 95 Resp: 68388
Ion Ratio Lower Upper
95 100
174 76.8 59.6 89.4
176 71.9 58.6 88.0





#61
Tetrachloroethene
Concen: 22.367 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

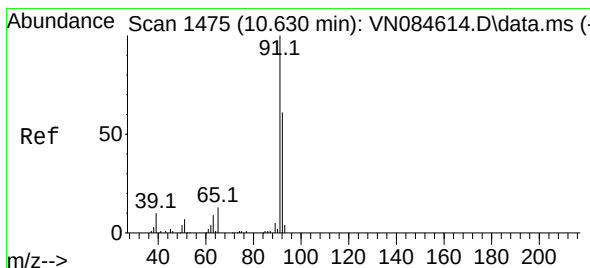
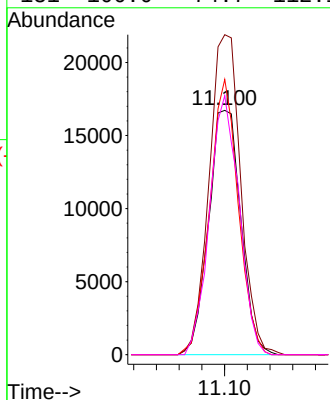
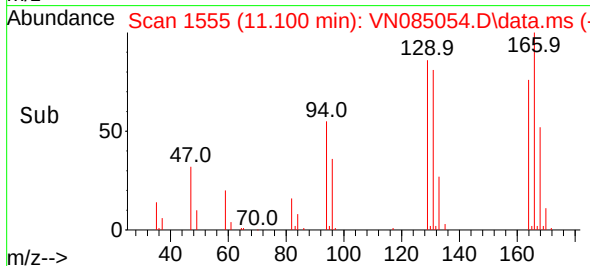
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



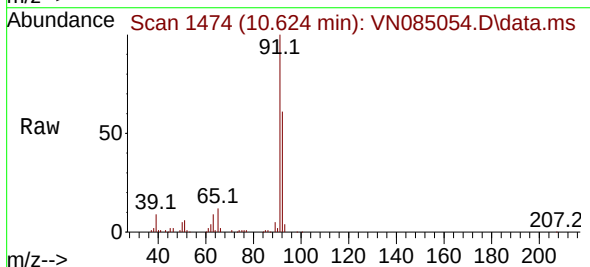
Tgt Ion:164 Resp: 32894
Ion Ratio Lower Upper
164 100
166 130.9 100.5 150.7
129 112.6 77.7 116.5
131 106.0 74.7 112.1

Manual Integrations
APPROVED

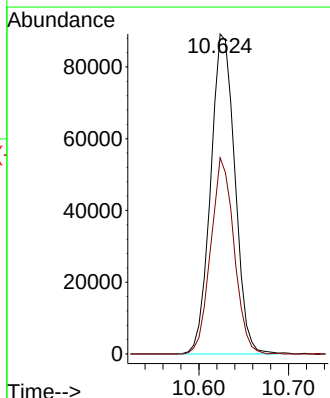
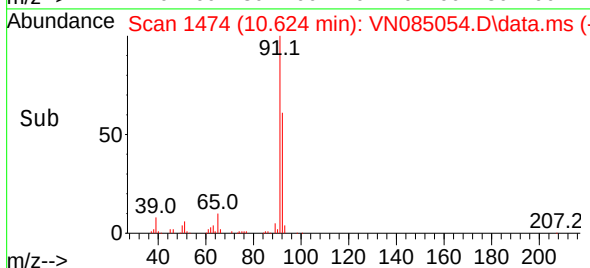
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

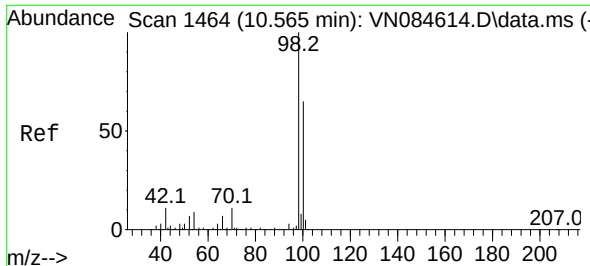


#62
Toluene
Concen: 20.909 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



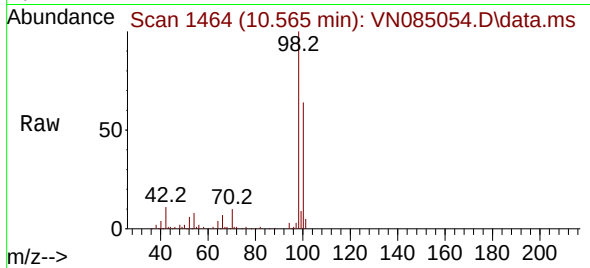
Tgt Ion: 91 Resp: 167340
Ion Ratio Lower Upper
91 100
92 58.9 47.5 71.3





#63
Toluene-d8
Concen: 29.930 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

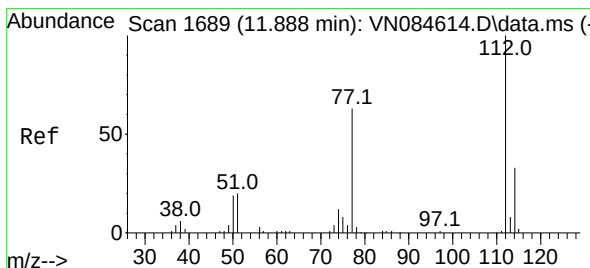
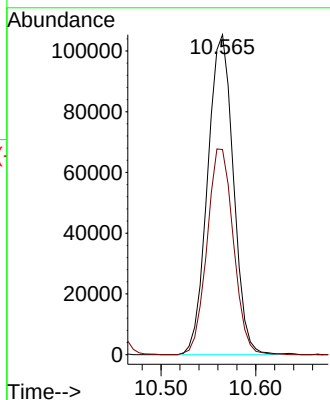
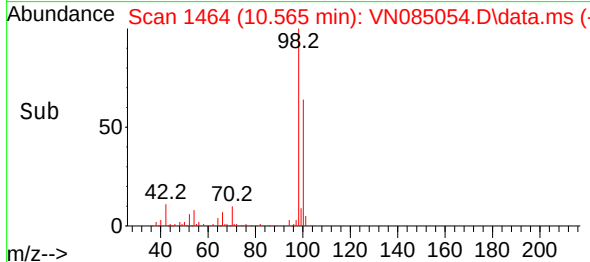
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 98 Resp: 19910
Ion Ratio Lower Upper
98 100
100 65.8 52.2 78.2

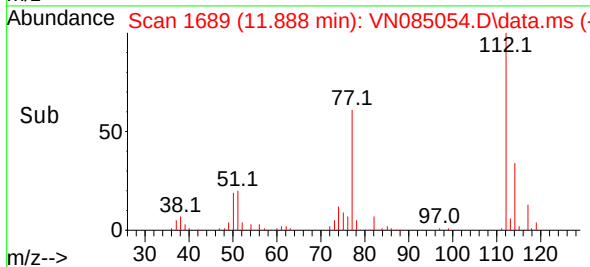
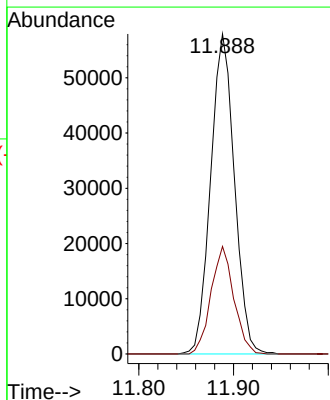
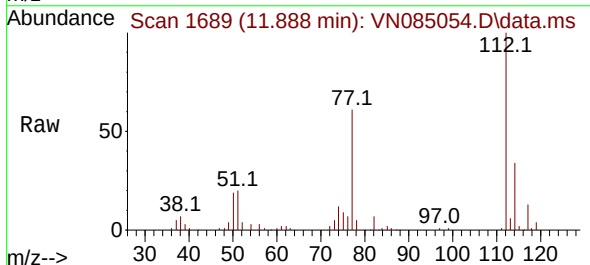
Manual Integrations
APPROVED

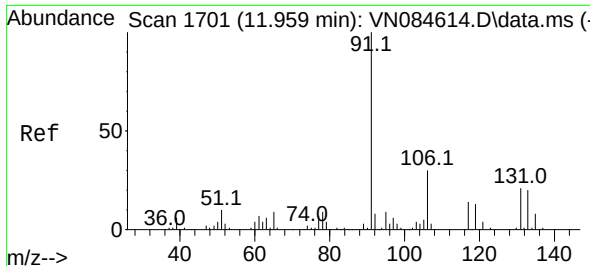
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#64
Chlorobenzene
Concen: 20.949 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

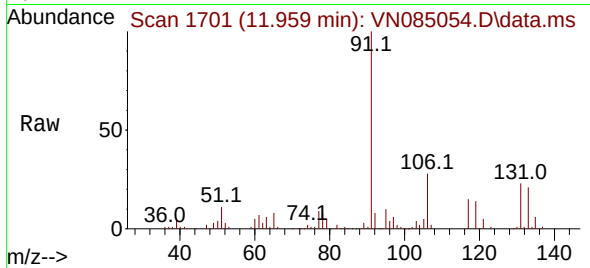
Tgt Ion:112 Resp: 101215
Ion Ratio Lower Upper
112 100
114 33.6 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 22.357 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

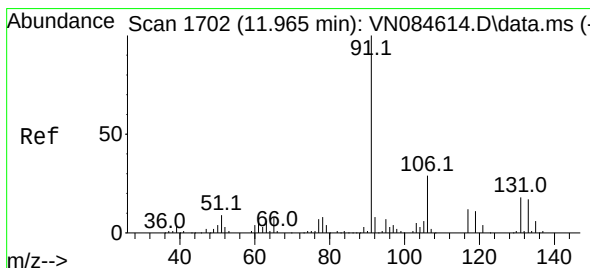
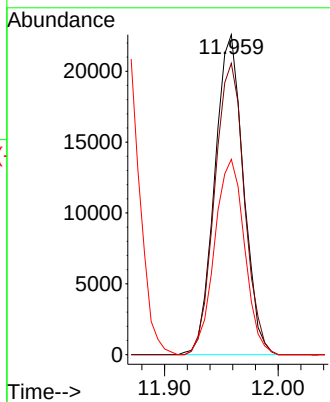
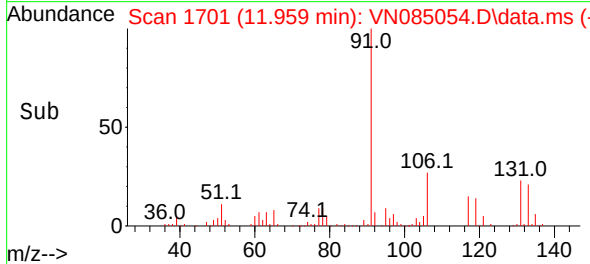
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion:131 Resp: 3969
Ion Ratio Lower Upper
131 100
133 94.2 0.0 189.2
119 63.8 0.0 129.4

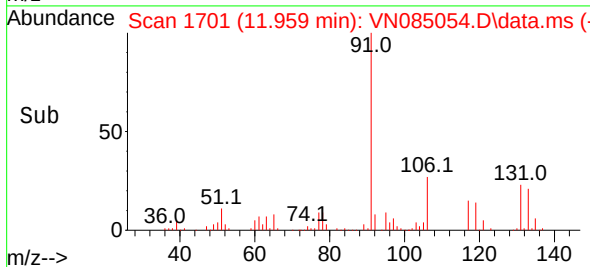
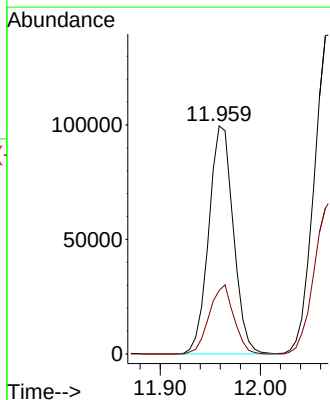
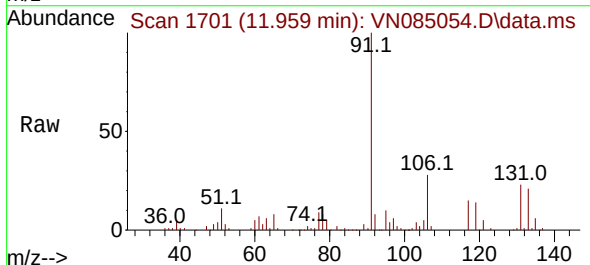
Manual Integrations
APPROVED

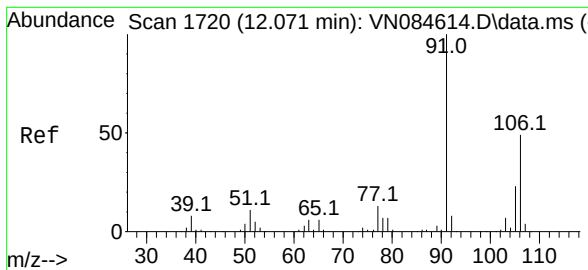
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#66
Ethyl Benzene
Concen: 20.232 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 91 Resp: 170174
Ion Ratio Lower Upper
91 100
106 27.9 22.9 34.3





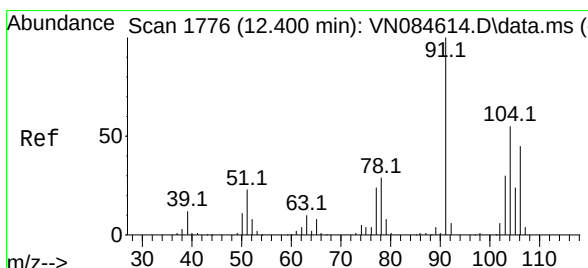
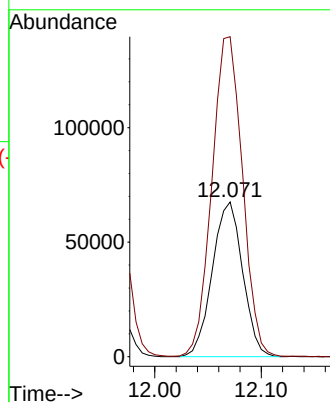
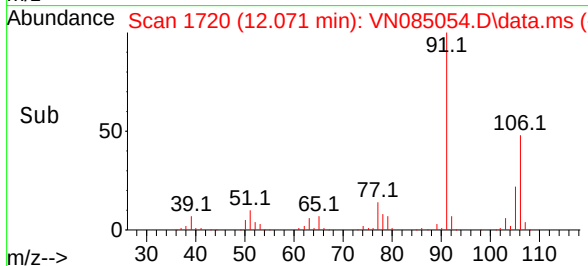
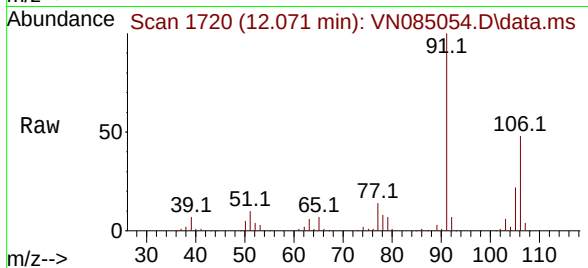
#67
m/p-Xylenes
Concen: 41.397 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion:106 Resp: 133309
Ion Ratio Lower Upper
106 100
91 208.7 168.1 252.1

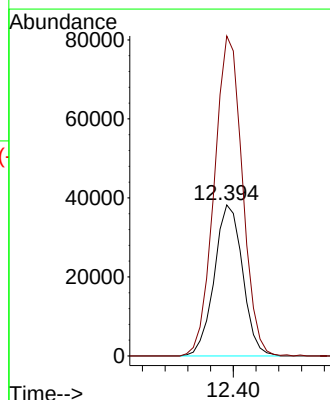
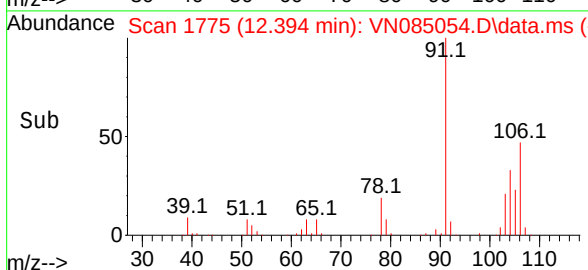
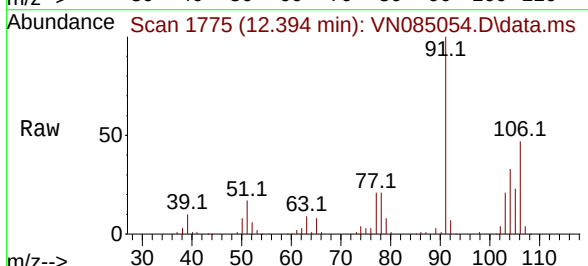
Manual Integrations
APPROVED

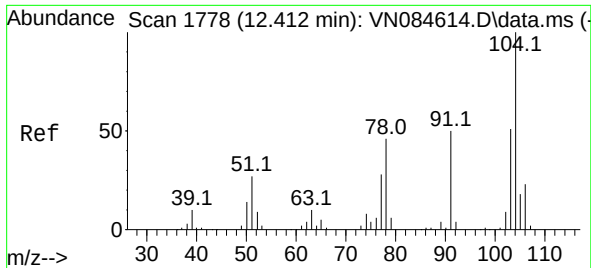
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#68
o-Xylene
Concen: 21.312 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion:106 Resp: 66202
Ion Ratio Lower Upper
106 100
91 210.5 107.7 322.9





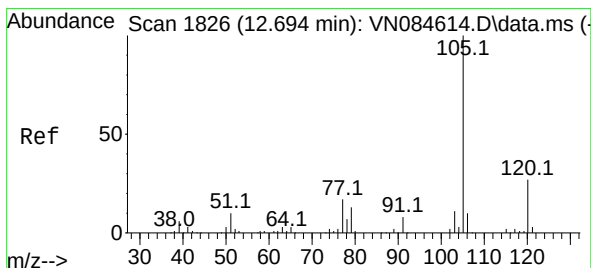
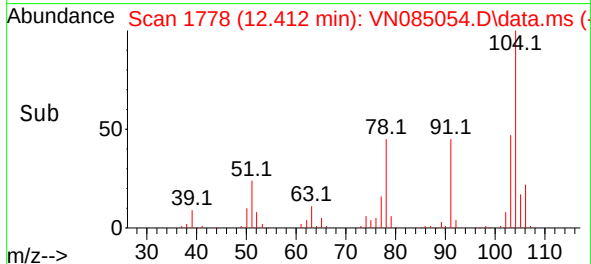
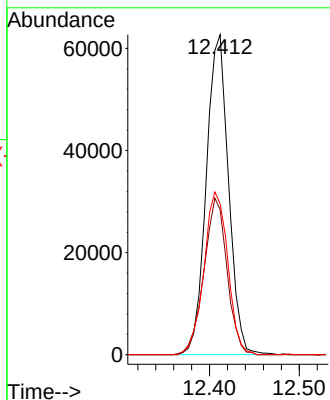
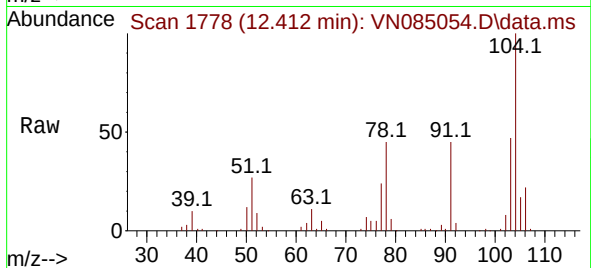
#69
Styrene
Concen: 20.764 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion:104 Resp: 108149
Ion Ratio Lower Upper
104 100
78 50.7 41.5 62.3
103 54.4 44.6 67.0

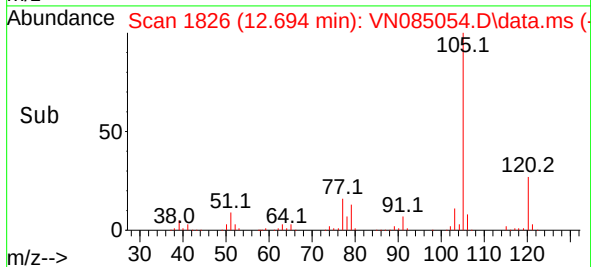
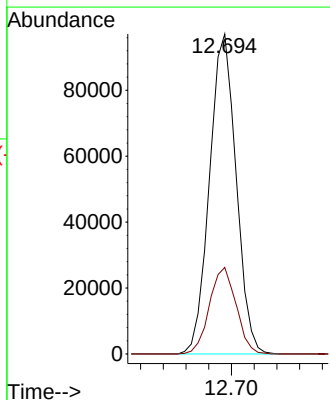
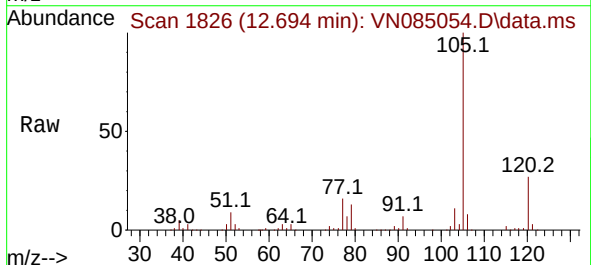
Manual Integrations
APPROVED

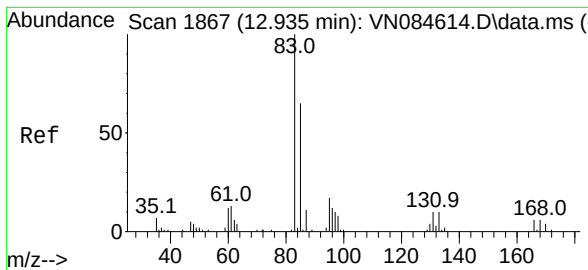
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#70
Isopropylbenzene
Concen: 20.459 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

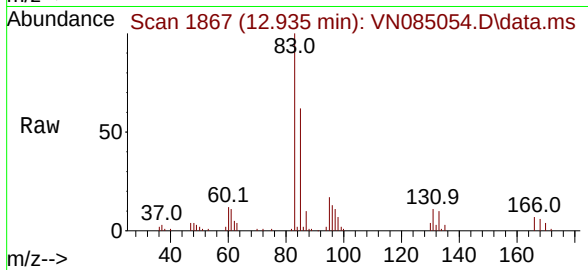
Tgt Ion:105 Resp: 157872
Ion Ratio Lower Upper
105 100
120 27.1 18.7 34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 20.640 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

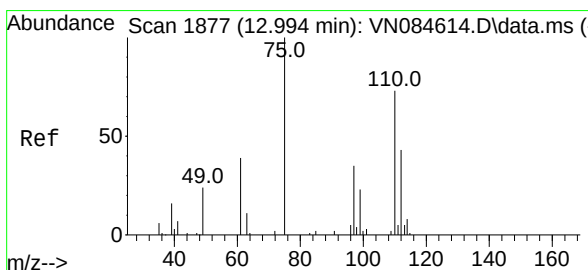
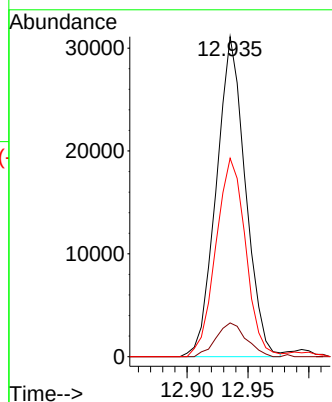
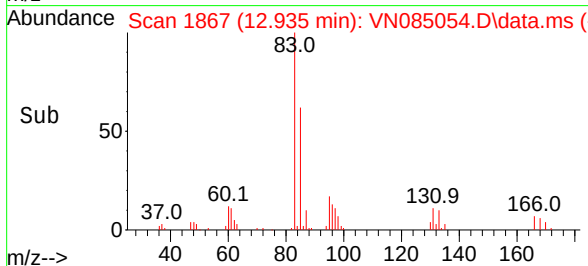
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 83 Resp: 5162
Ion Ratio Lower Upper
83 100
131 10.9 5.1 15.3
85 63.5 33.3 99.9

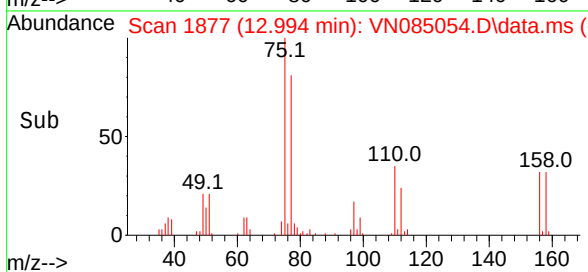
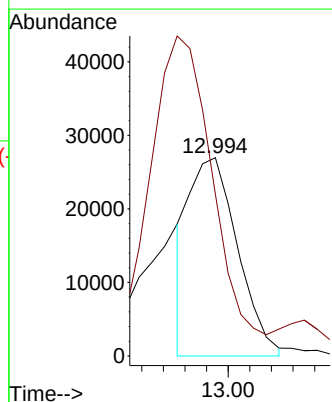
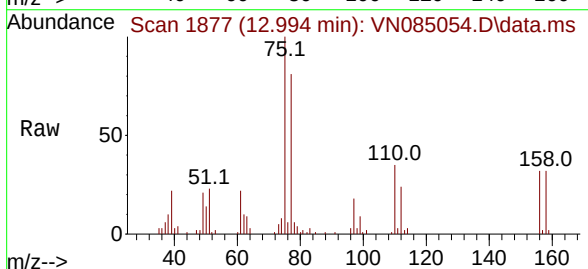
Manual Integrations
APPROVED

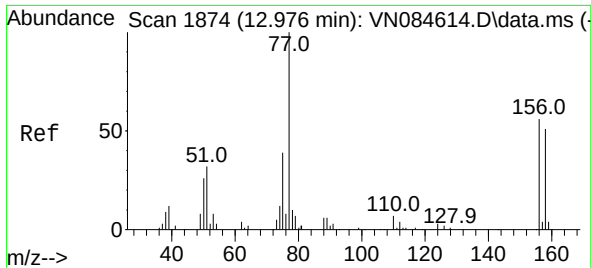
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#72
1,2,3-Trichloropropane
Concen: 19.729 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

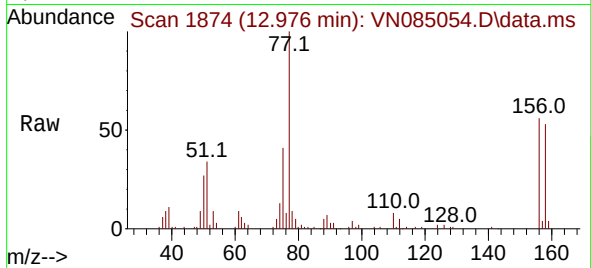
Tgt Ion: 75 Resp: 42135
Ion Ratio Lower Upper
75 100
77 211.9 0.0 358.4





#73
Bromobenzene
Concen: 20.703 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

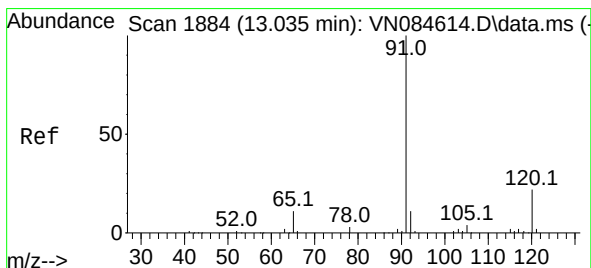
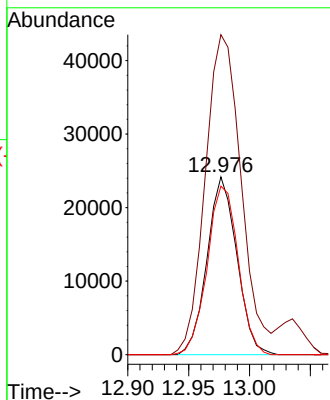
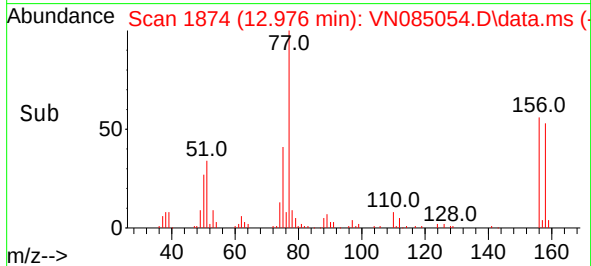
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



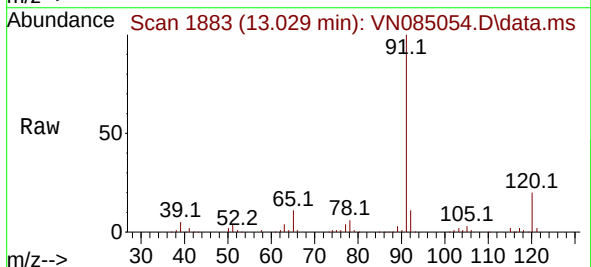
Tgt Ion:156 Resp: 41200
Ion Ratio Lower Upper
156 100
77 216.7 0.0 427.6
158 98.5 0.0 191.6

Manual Integrations
APPROVED

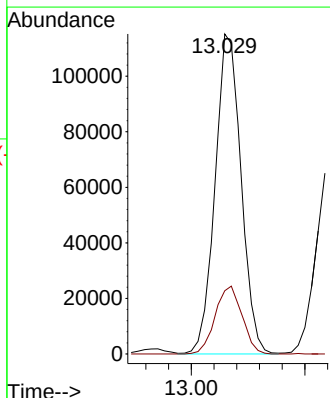
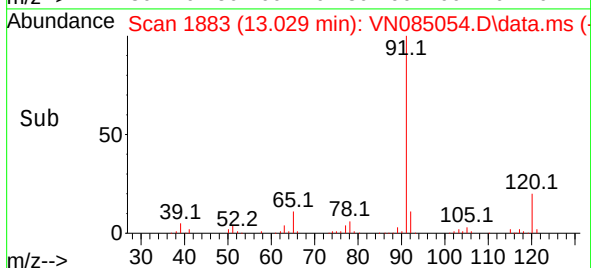
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024

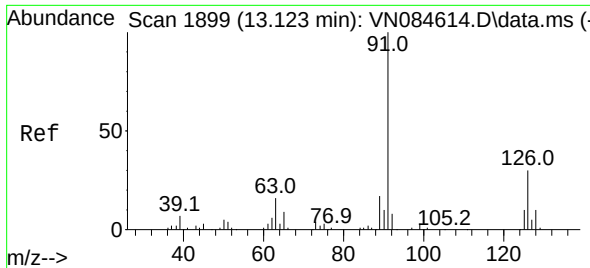


#74
n-propylbenzene
Concen: 20.320 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55



Tgt Ion: 91 Resp: 183357
Ion Ratio Lower Upper
91 100
120 21.8 0.0 44.0





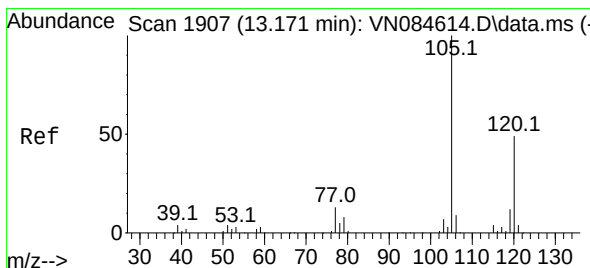
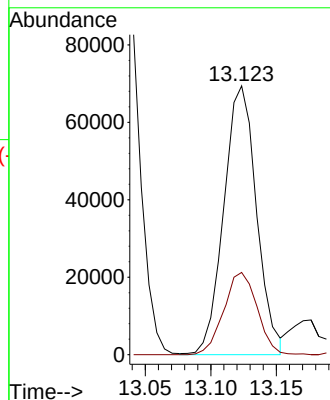
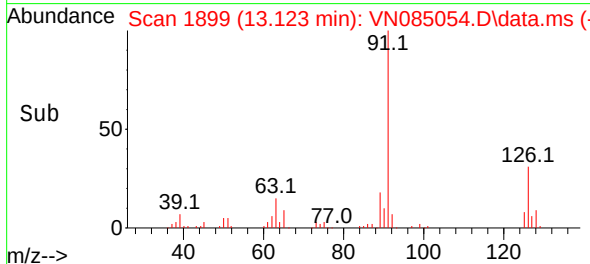
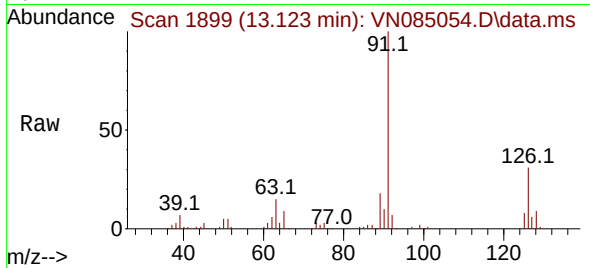
#75
2-Chlorotoluene
Concen: 20.515 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 91 Resp: 120549
Ion Ratio Lower Upper
91 100
126 31.2 0.0 60.8

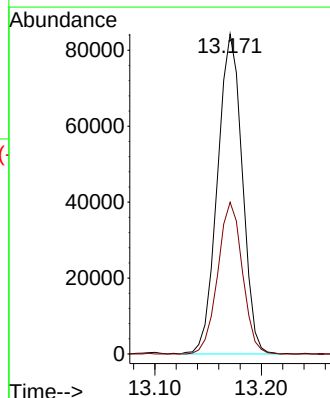
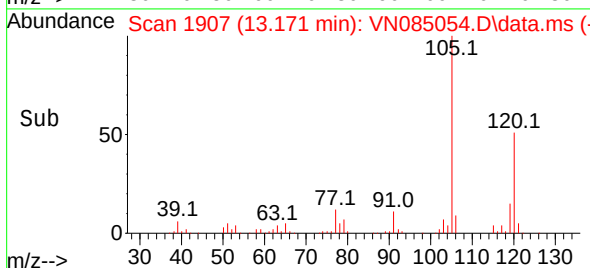
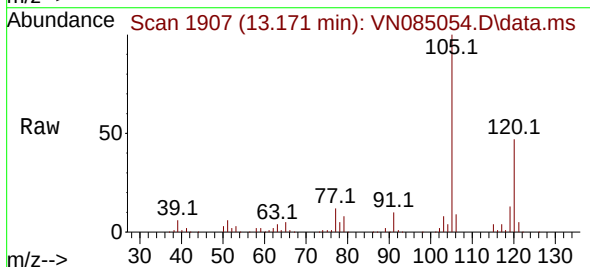
Manual Integrations
APPROVED

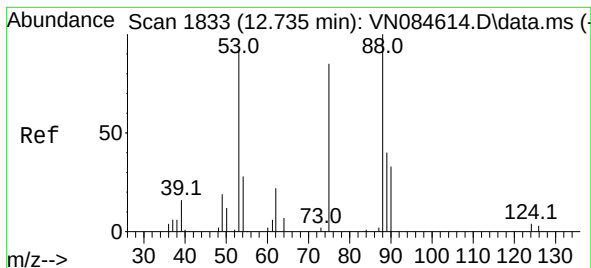
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#76
1,3,5-Trimethylbenzene
Concen: 20.659 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

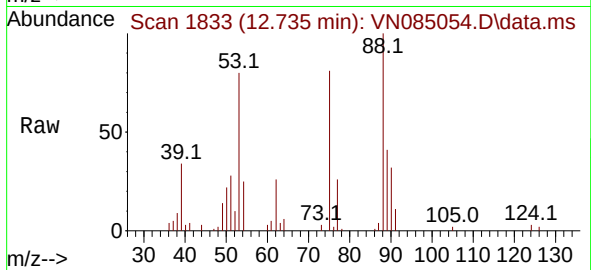
Tgt Ion:105 Resp: 136206
Ion Ratio Lower Upper
105 100
120 47.0 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 20.197 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

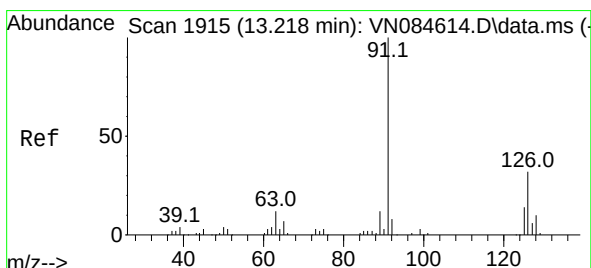
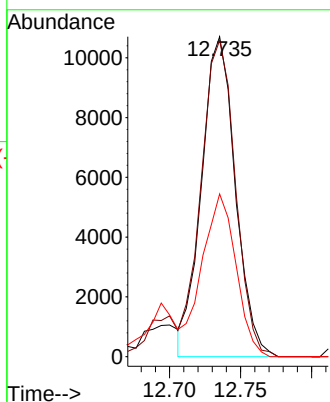
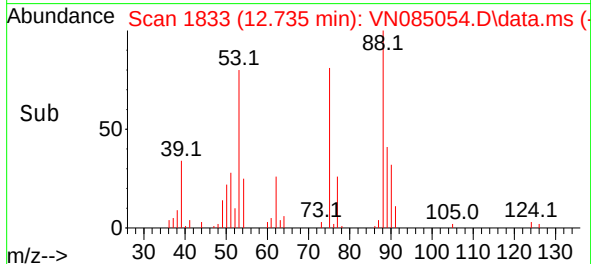
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion: 75 Resp: 1769
Ion Ratio Lower Upper
75 100
53 98.9 52.4 157.2
89 50.8 26.0 78.0

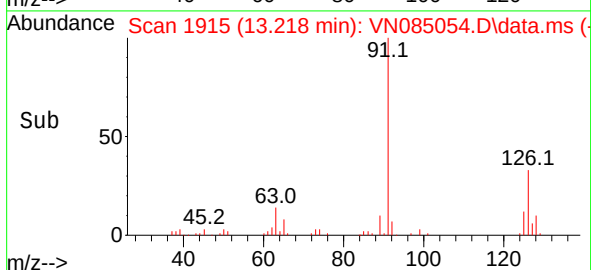
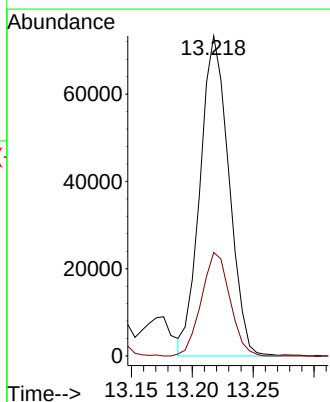
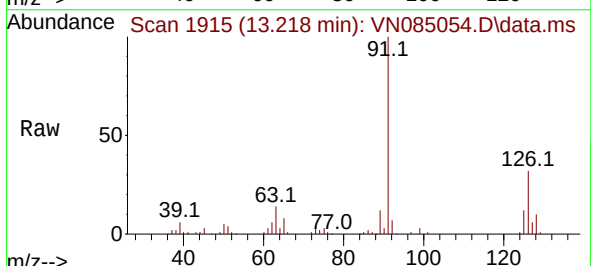
Manual Integrations
APPROVED

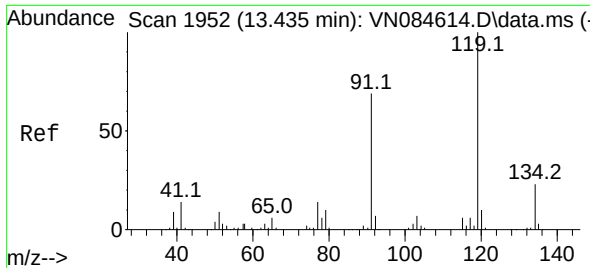
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#78
4-Chlorotoluene
Concen: 20.315 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion: 91 Resp: 120608
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.4





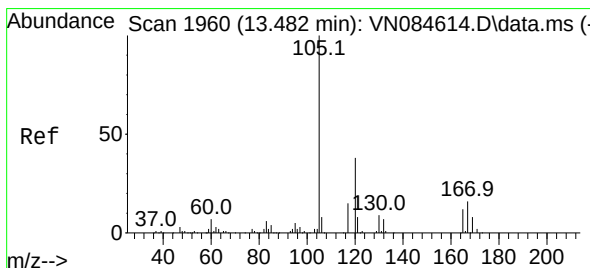
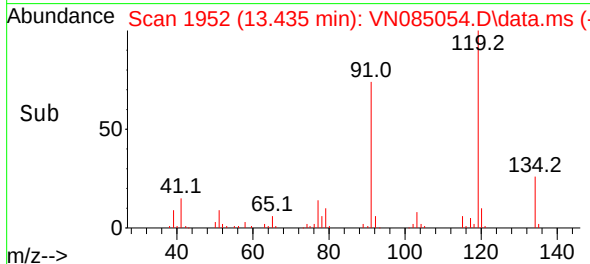
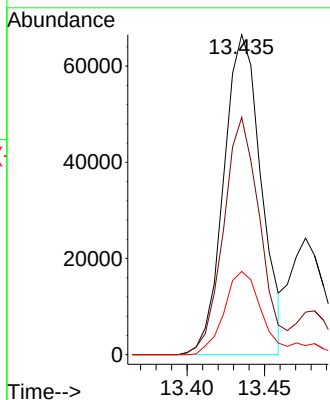
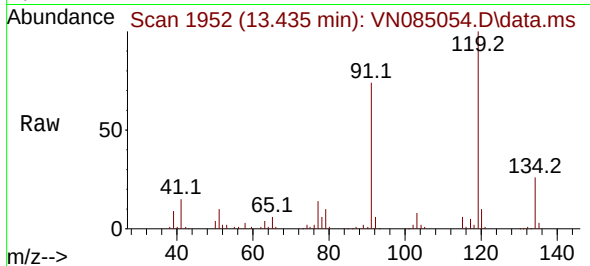
#79
tert-butylbenzene
Concen: 20.476 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion:119 Resp: 111640
Ion Ratio Lower Upper
119 100
91 73.0 0.0 143.2
134 25.8 0.0 49.4

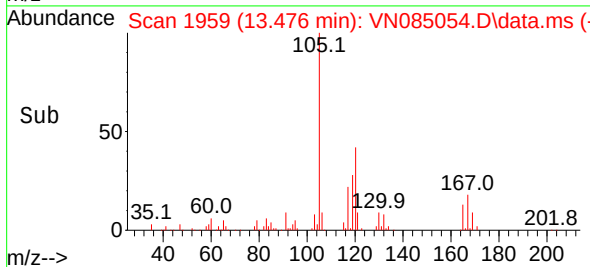
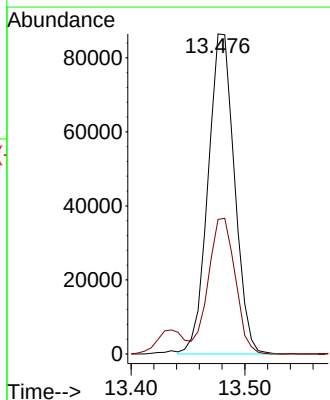
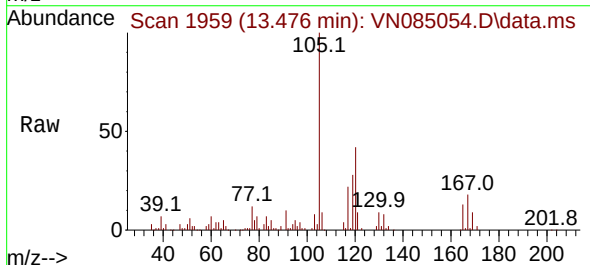
Manual Integrations
APPROVED

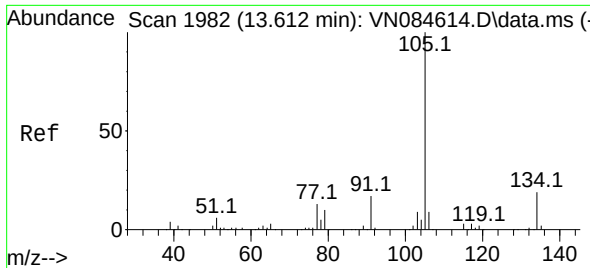
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#80
1,2,4-Trimethylbenzene
Concen: 21.063 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

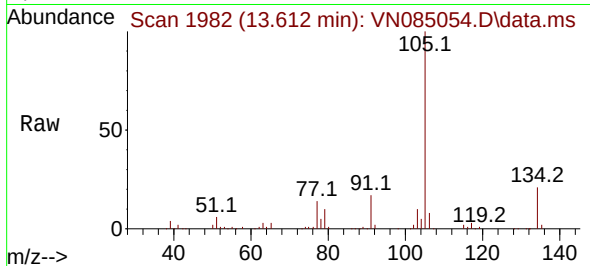
Tgt Ion:105 Resp: 140100
Ion Ratio Lower Upper
105 100
120 42.9 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 20.943 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085054.D
 Acq: 27 Nov 2024 12:55

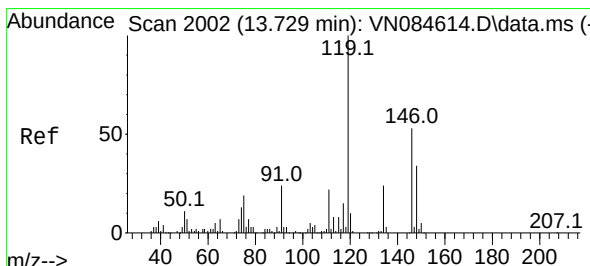
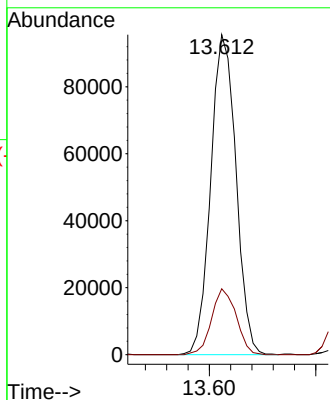
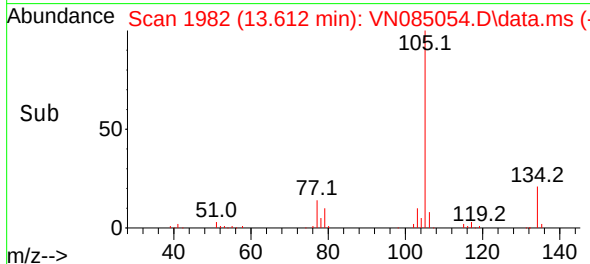
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1127WBSD01



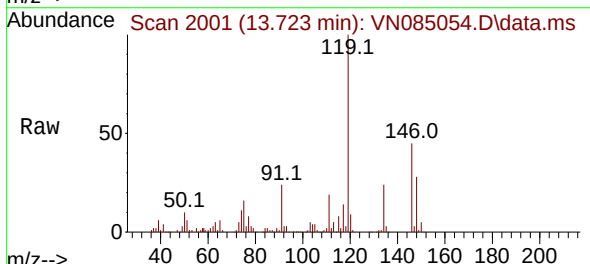
Tgt Ion:105 Resp: 157340
 Ion Ratio Lower Upper
 105 100
 134 20.1 0.0 39.0

Manual Integrations
 APPROVED

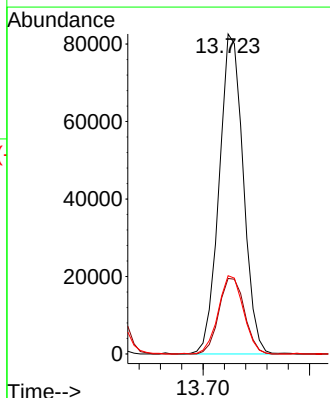
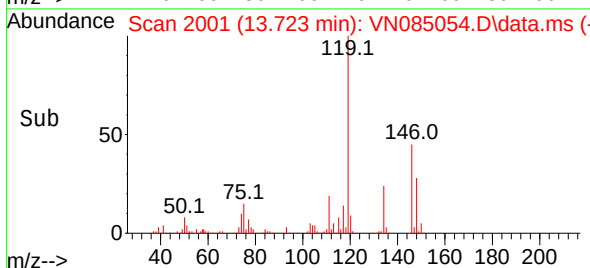
Reviewed By :John Carlone 12/02/2024
 Supervised By :Mahesh Dadoda 12/02/2024

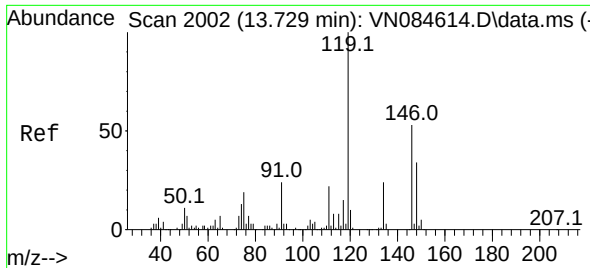


#82
 p-Isopropyltoluene
 Concen: 20.550 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN085054.D
 Acq: 27 Nov 2024 12:55



Tgt Ion:119 Resp: 129726
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 51.4
 91 25.5 0.0 50.4





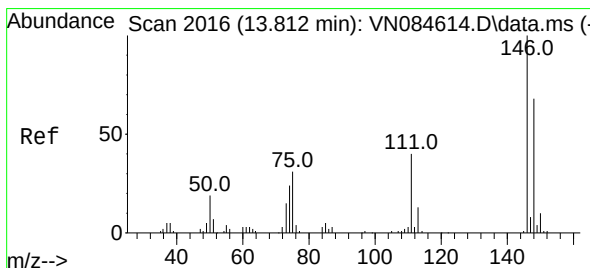
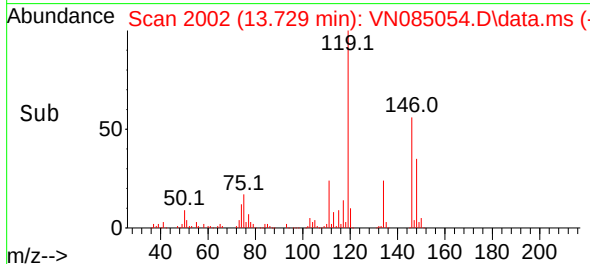
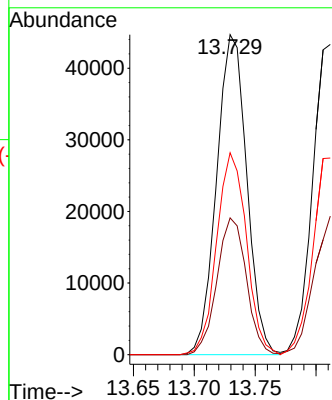
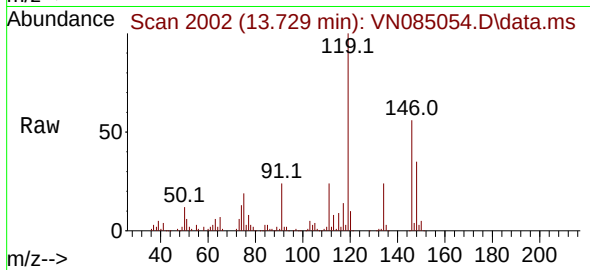
#83
1,3-Dichlorobenzene
Concen: 20.923 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion:146 Resp: 77012
Ion Ratio Lower Upper
146 100
111 41.7 21.0 63.0
148 62.2 31.3 93.8

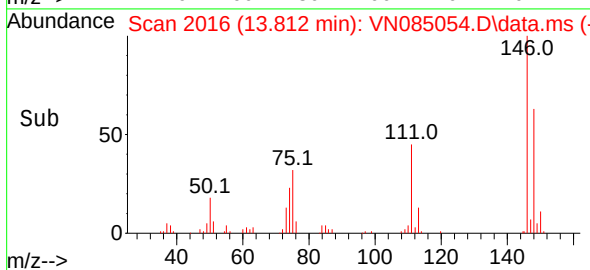
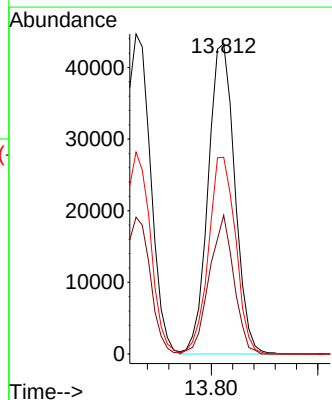
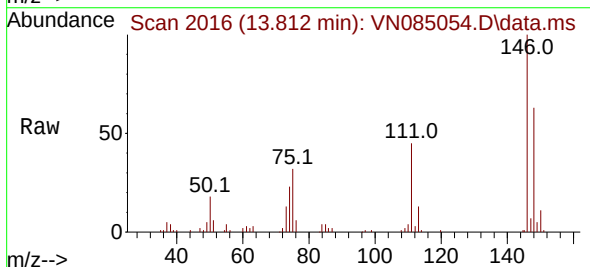
Manual Integrations
APPROVED

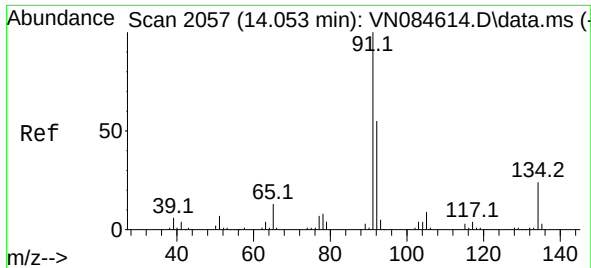
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#84
1,4-Dichlorobenzene
Concen: 20.696 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion:146 Resp: 75273
Ion Ratio Lower Upper
146 100
111 41.1 20.2 60.5
148 64.4 32.6 98.0





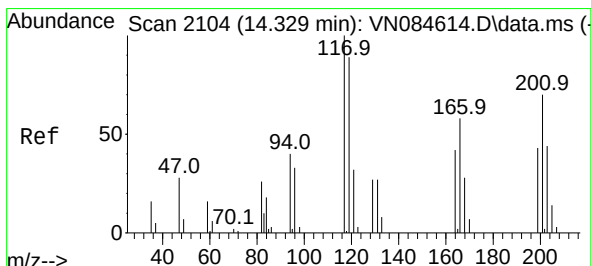
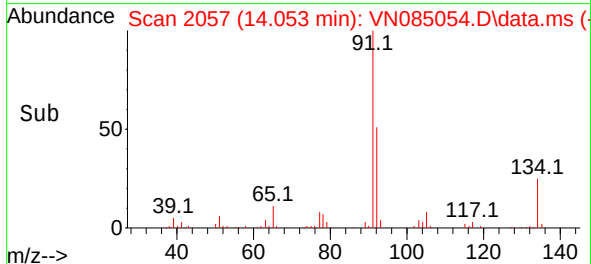
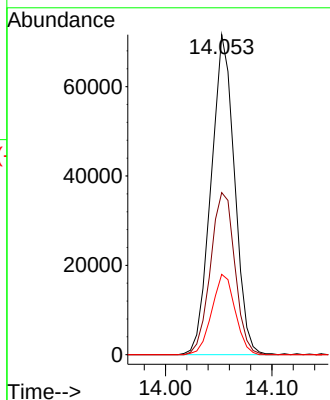
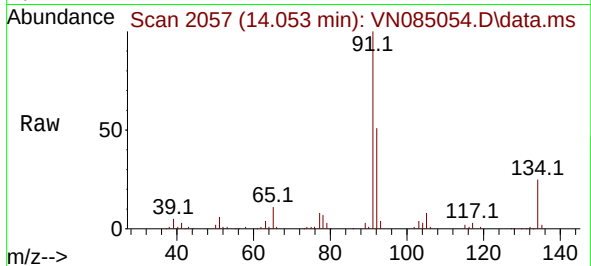
#85
n-Butylbenzene
Concen: 20.649 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01

Tgt Ion: 91 Resp: 10948
Ion Ratio Lower Upper
91 100
92 52.7 0.0 106.2
134 25.0 0.0 48.2

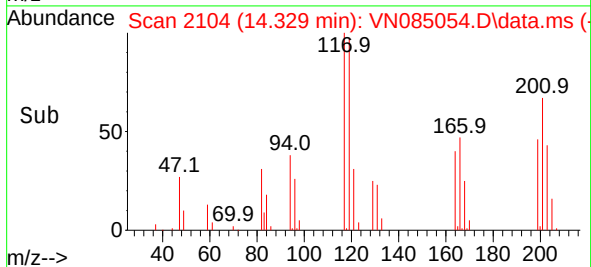
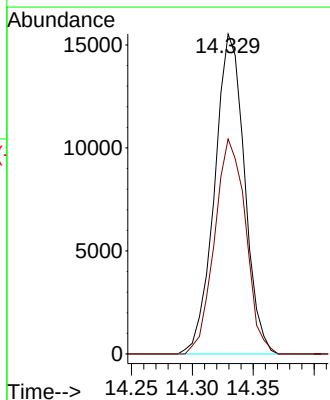
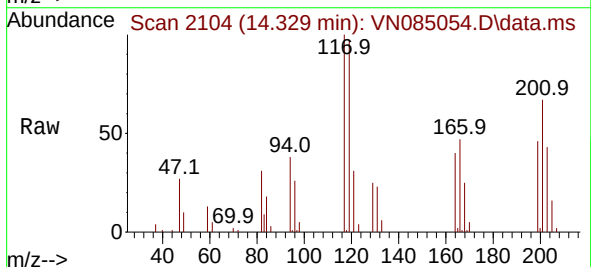
Manual Integrations
APPROVED

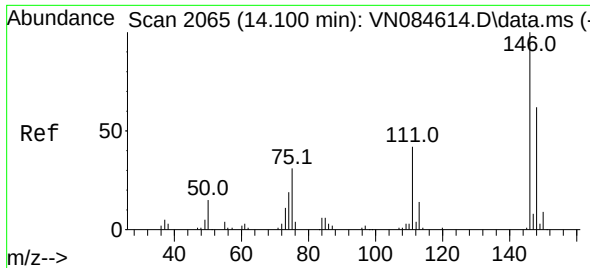
Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#86
Hexachloroethane
Concen: 20.576 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion:117 Resp: 26564
Ion Ratio Lower Upper
117 100
201 69.8 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 20.514 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

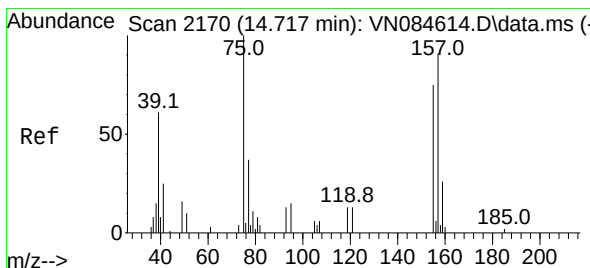
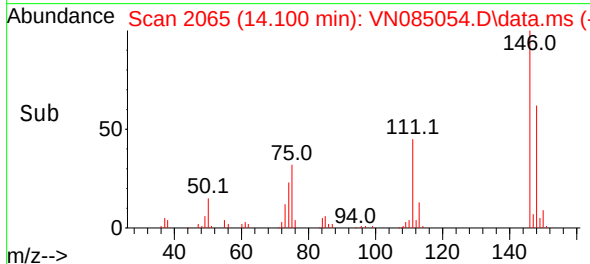
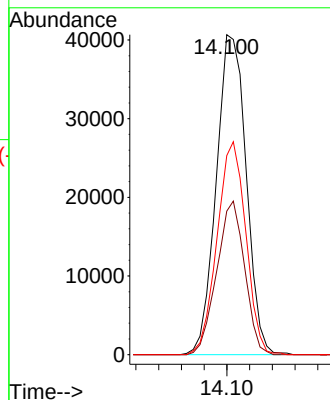
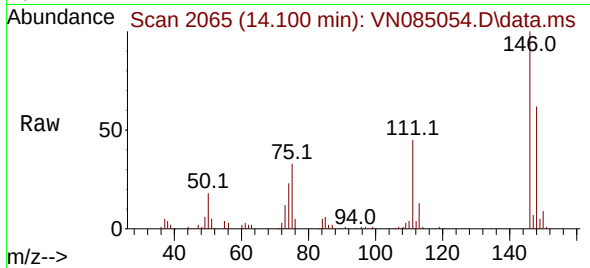
Tgt Ion:146 Resp: 74409
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.4 67.0
 148 63.9 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.744 ug/l

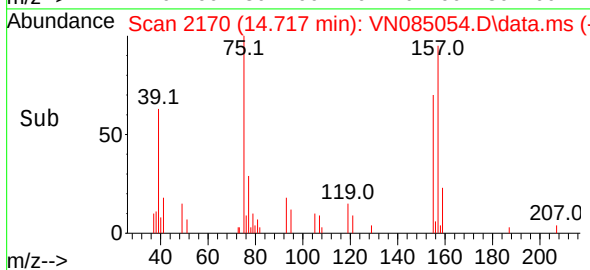
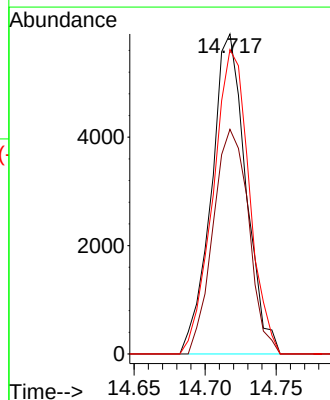
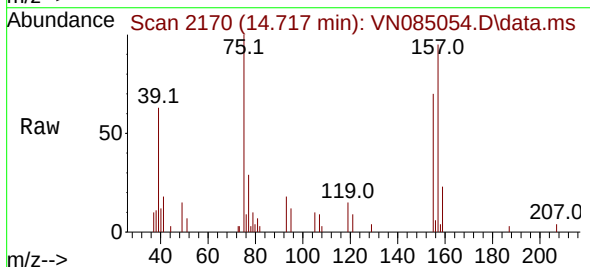
RT: 14.717 min Scan# 2170

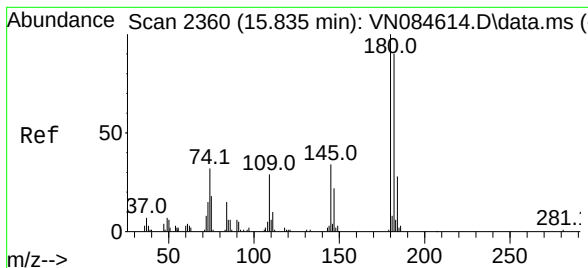
Delta R.T. 0.000 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Tgt Ion: 75 Resp: 10011
 Ion Ratio Lower Upper
 75 100
 155 72.2 61.8 92.6
 157 99.1 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 21.801 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

Instrument :

MSVOA_N

ClientSampleId :

VN1127WBSD01

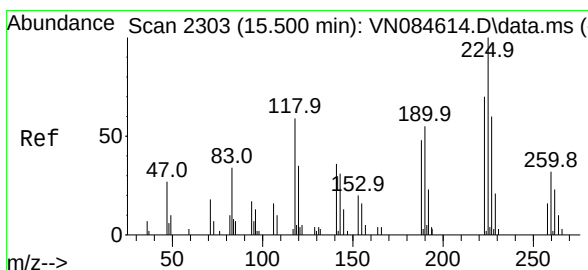
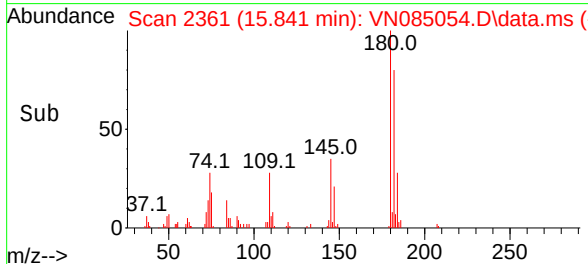
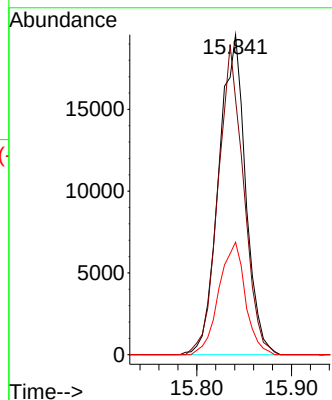
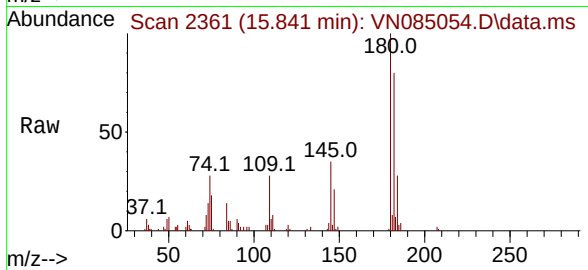
Tgt Ion:180	Resp:	3850
Ion Ratio	Lower	Upper
180	100	
182	91.8	73.0 109.6
145	34.6	26.5 39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/02/2024

Supervised By :Mahesh Dadoda 12/02/2024



#90

Hexachlorobutadiene

Concen: 23.610 ug/l

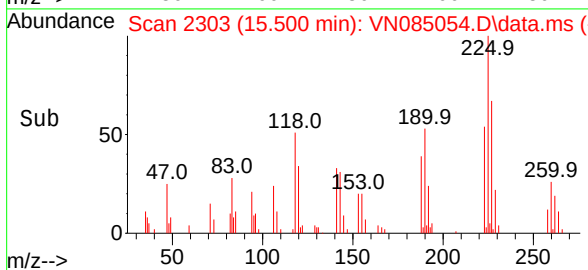
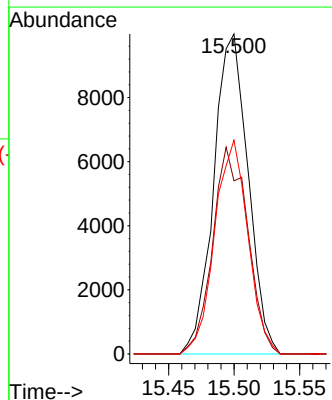
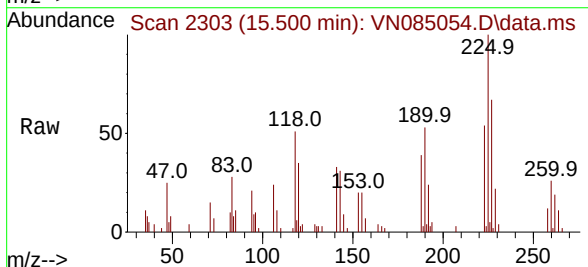
RT: 15.500 min Scan# 2303

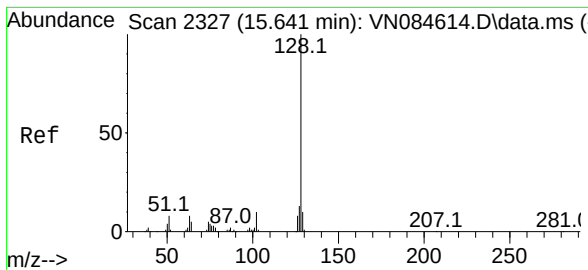
Delta R.T. 0.000 min

Lab File: VN085054.D

Acq: 27 Nov 2024 12:55

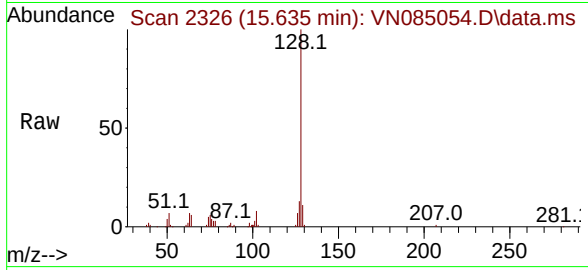
Tgt Ion:225	Resp:	18213
Ion Ratio	Lower	Upper
225	100	
223	65.5	0.0 138.8
227	64.6	0.0 123.2





#91
Naphthalene
Concen: 19.567 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

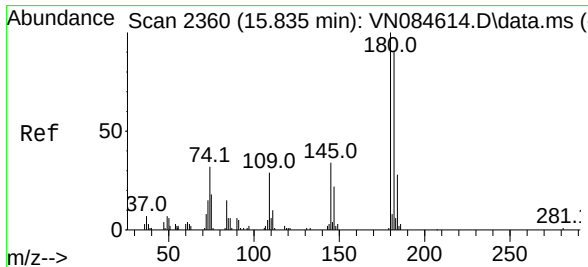
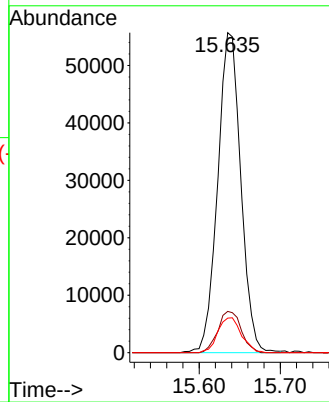
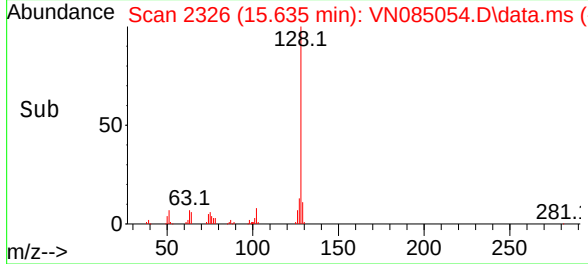
Instrument :
MSVOA_N
ClientSampleId :
VN1127WBSD01



Tgt Ion:128 Resp: 11035
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/02/2024
Supervised By :Mahesh Dadoda 12/02/2024



#92
1,2,3-Trichlorobenzene
Concen: 21.801 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN085054.D
Acq: 27 Nov 2024 12:55

Tgt Ion:180 Resp: 38501
Ion Ratio Lower Upper
180 100
182 91.8 0.0 182.6
145 34.6 0.0 66.2

