

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084412.D
 Acq On : 15 Oct 2024 13:15
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 16 01:19:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

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

Internal Standards						
1) Bromochloromethane	7.812	128	33634	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175881	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	164602	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80105	29.583	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.600%		
60) 4-Bromofluorobenzene	12.847	95	85097	31.325	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	104.400%		
63) Toluene-d8	10.565	98	238715	31.305	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	104.367%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	41185	20.056	ug/l	94
3) Chloromethane	2.359	50	46369	19.843	ug/l	98
4) Vinyl Chloride	2.512	62	46014	20.079	ug/l	92
5) Bromomethane	2.959	94	27456	18.084	ug/l	95
6) Chloroethane	3.124	64	27995	18.634	ug/l	94
7) Trichlorofluoromethane	3.495	101	74638	19.995	ug/l	97
8) Diethyl Ether	3.959	74	25065	18.264	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	43762	20.851	ug/l	89
10) 1,1-Dichloroethene	4.342	96	40550	19.363	ug/l	94
11) Methyl Iodide	4.589	142	51455	18.696	ug/l	98
12) Methyl Acetate	5.024	43	54534	20.800	ug/l	97
13) Acrolein	4.177	56	54094	111.069	ug/l	99
14) Acrylonitrile	5.724	53	111099	94.321	ug/l	99
15) Acetone	4.430	58	39220	116.562	ug/l	100
16) Carbon Disulfide	4.712	76	114941	18.431	ug/l	99
17) Allyl chloride	5.024	41	62548	18.425	ug/l	90
18) Methylene Chloride	5.277	84	46918m	19.888	ug/l	
19) trans-1,2-Dichloroethene	5.789	96	43119	19.454	ug/l	89
20) Diisopropyl ether	6.665	45	141823	19.430	ug/l	95
21) 1,1-Dichloroethane	6.565	63	84744	20.234	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	50477	19.571	ug/l	98
23) tert-Butyl Alcohol	5.518	59	39227	86.822	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	133813	19.120	ug/l #	86
25) Chloroform	7.965	83	86449	20.380	ug/l	98
26) Cyclohexane	8.259	56	63895	18.241	ug/l #	94
29) 1,1-Dichloropropene	8.371	75	60125	20.824	ug/l	99
30) 2-Butanone	7.483	43	164229	106.835	ug/l	99
31) 2,2-Dichloropropane	7.488	77	74769	22.037	ug/l #	83
32) 1,1,1-Trichloroethane	8.171	97	79405	21.516	ug/l	99
33) Carbon Tetrachloride	8.359	117	67618	21.149	ug/l	96
34) Benzene	8.600	78	188288	20.833	ug/l	99
35) Methacrylonitrile	7.777	41	33025	20.138	ug/l	93
36) 1,2-Dichloroethane	8.671	62	63813	21.182	ug/l	99
37) Trichloroethene	9.353	130	42770	20.551	ug/l	95
38) Methylcyclohexane	9.600	83	60619	19.114	ug/l	95
39) 1,2-Dichloropropane	9.618	63	46930	21.294	ug/l	96
40) Dibromomethane	9.706	93	32493	21.095	ug/l	99
41) Bromodichloromethane	9.888	83	69624	21.292	ug/l	97
42) Vinyl Acetate	6.600	43	526695	98.516	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084412.D
 Acq On : 15 Oct 2024 13:15
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/16/2024
 Supervised By : Mahesh Dadoda 10/16/2024

Quant Time: Oct 16 01:19:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	59936	19.770	ug/l	98
44) Isopropyl Acetate	8.688	43	97785	19.706	ug/l	100
45) 1,4-Dioxane	9.694	88	18693	417.891	ug/l	96
46) Methyl methacrylate	9.676	41	46675	19.468	ug/l	94
47) n-amyl Acetate	12.494	43	85211	19.306	ug/l	98
48) t-1,3-Dichloropropene	10.835	75	66349	19.635	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	74336	20.991	ug/l	95
50) 1,1,2-Trichloroethane	11.018	97	44095	21.298	ug/l	96
51) Ethyl methacrylate	10.871	69	64857	18.965	ug/l	97
52) 1,3-Dichloropropane	11.159	76	74091	20.466	ug/l	99
53) Dibromochloromethane	11.359	129	50229	20.537	ug/l	100
54) 1,2-Dibromoethane	11.465	107	43791	20.548	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	180488	116.364	ug/l	99
56) Bromoform	12.576	173	32481	20.024	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	308394	100.576	ug/l	100
59) 2-Hexanone	11.194	43	233695	102.566	ug/l	99
61) Tetrachloroethene	11.106	164	40381	21.688	ug/l	94
62) Toluene	10.629	91	202786	21.044	ug/l	98
64) Chlorobenzene	11.888	112	123348	20.570	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	44483	21.353	ug/l	100
66) Ethyl Benzene	11.965	91	210552	20.112	ug/l	99
67) m/p-Xylenes	12.070	106	168685	42.474	ug/l	98
68) o-Xylene	12.400	106	76980	20.109	ug/l	100
69) Styrene	12.412	104	132789	20.207	ug/l	99
70) Isopropylbenzene	12.694	105	198039	20.264	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	64601	21.368	ug/l	100
72) 1,2,3-Trichloropropane	12.988	75	53190m	20.543	ug/l	
73) Bromobenzene	12.976	156	49931	21.097	ug/l	96
74) n-propylbenzene	13.035	91	243774	20.932	ug/l	100
75) 2-Chlorotoluene	13.123	91	151941	20.996	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	176017	21.391	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	21304	19.255	ug/l	91
78) 4-Chlorotoluene	13.217	91	153953	20.925	ug/l	98
79) tert-butylbenzene	13.435	119	143336	20.418	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	175553	21.027	ug/l	99
81) sec-Butylbenzene	13.612	105	204423	21.151	ug/l	100
82) p-Isopropyltoluene	13.729	119	170016	20.900	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	94190	21.403	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	93182	21.323	ug/l	99
85) n-Butylbenzene	14.059	91	142154	20.176	ug/l	99
86) Hexachloroethane	14.329	117	32468	20.716	ug/l	100
87) 1,2-Dichlorobenzene	14.106	146	90818	21.344	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12504	20.225	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	44350	20.047	ug/l	95
90) Hexachlorobutadiene	15.500	225	20943	20.463	ug/l	97
91) Naphthalene	15.641	128	130611	17.423	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	44350	20.047	ug/l	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
Data File : VN084412.D
Acq On : 15 Oct 2024 13:15
Operator : JC\MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

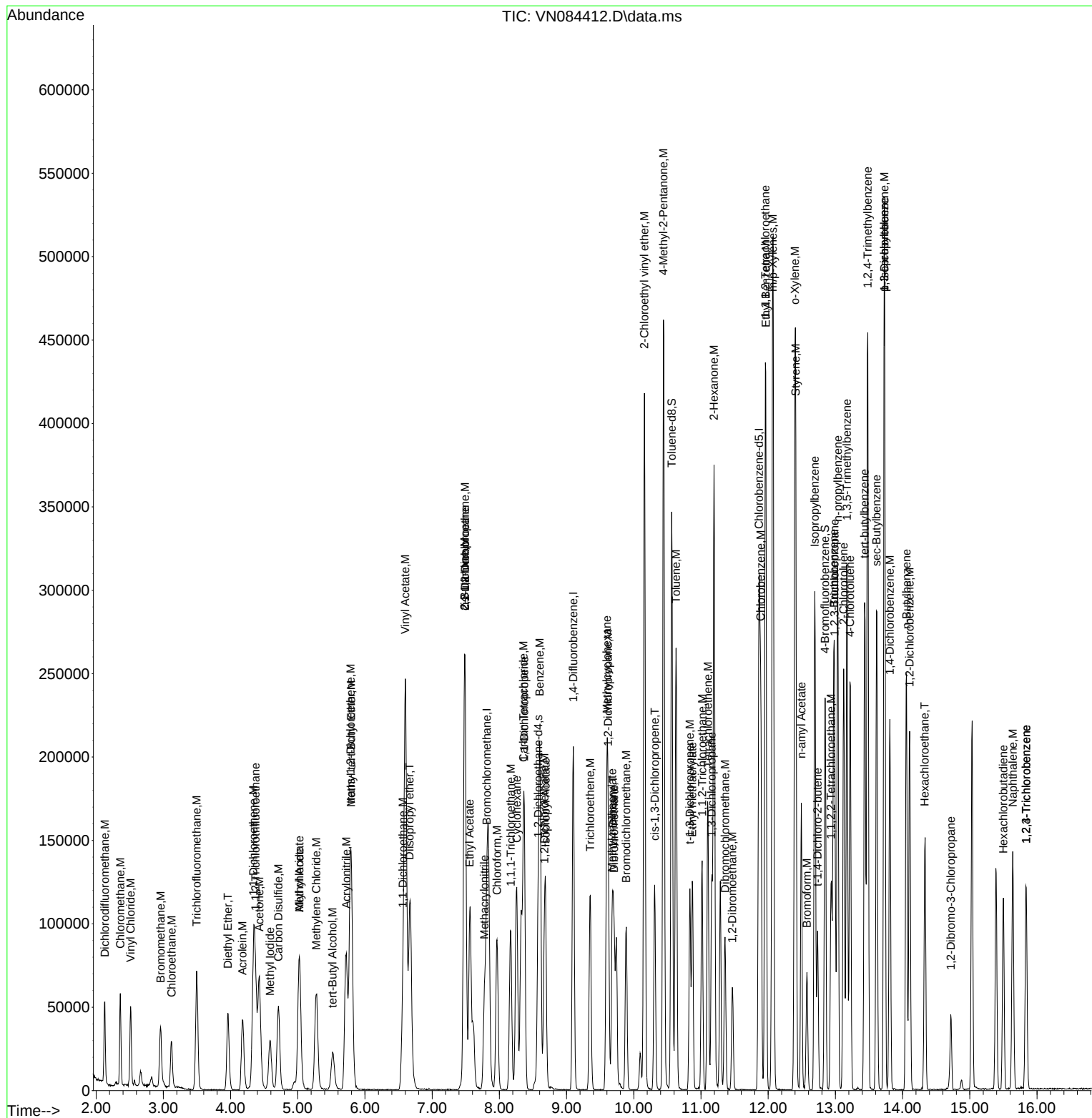
Manual Integrations

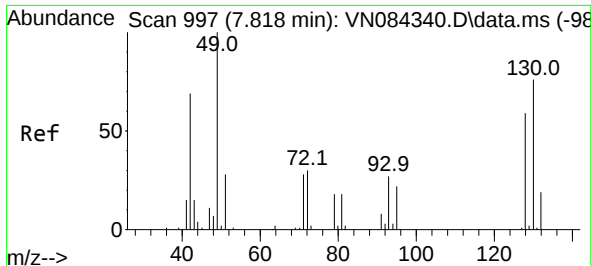
APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024

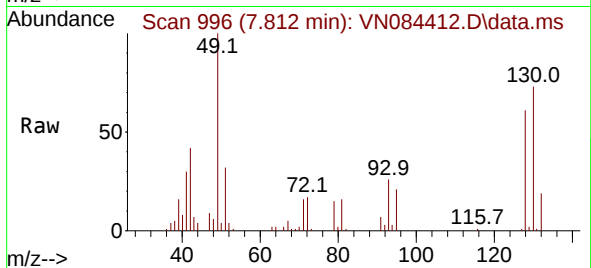
Quant Time: Oct 16 01:19:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Oct 09 02:22:28 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

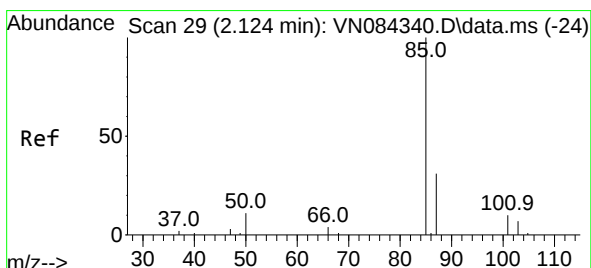
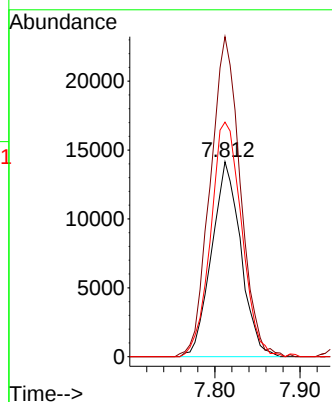
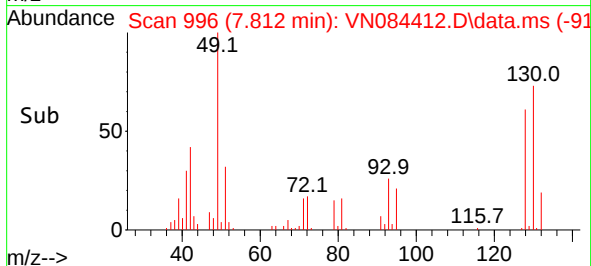
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 33634
Ion Ratio Lower Upper
128 100
49 169.3 0.0 430.0
130 127.3 0.0 329.8

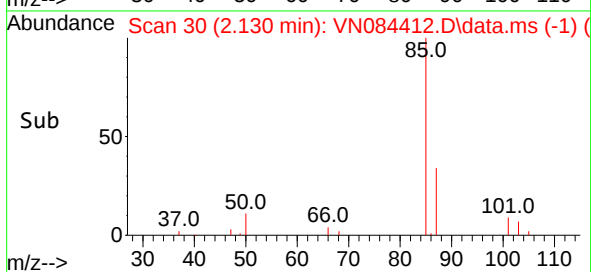
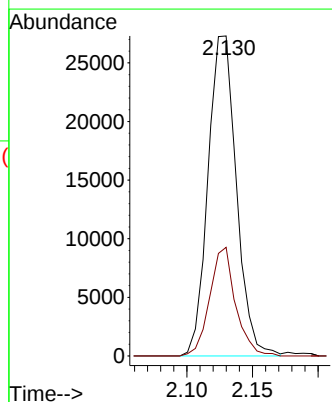
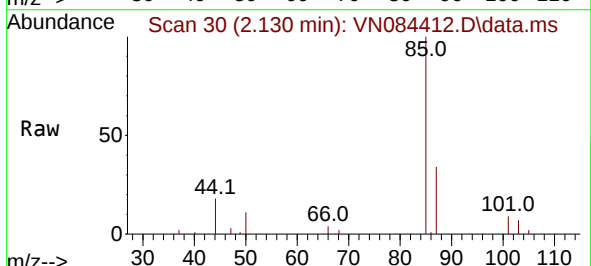
Manual Integrations
APPROVED

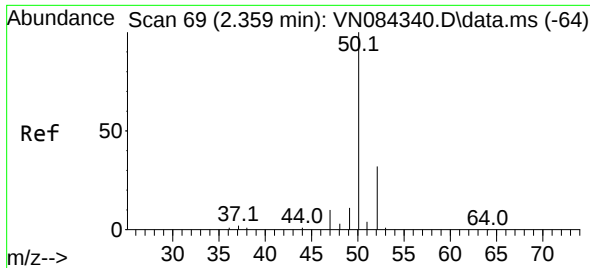
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#2
Dichlorodifluoromethane
Concen: 20.056 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 85 Resp: 41185
Ion Ratio Lower Upper
85 100
87 34.0 15.4 46.4





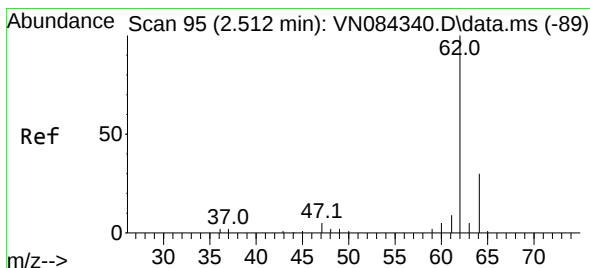
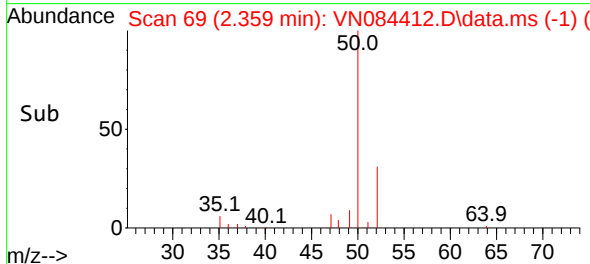
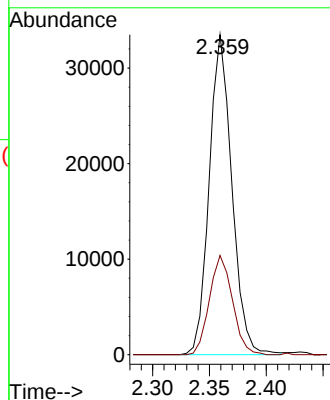
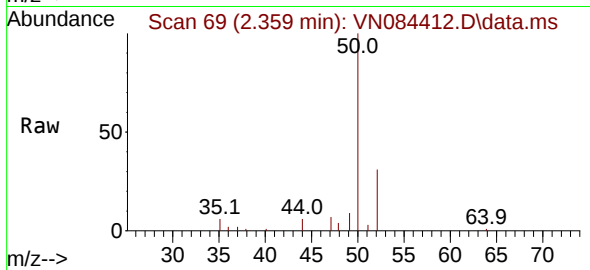
#3
Chloromethane
Concen: 19.843 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 46369
Ion Ratio Lower Upper
50 100
52 31.0 25.8 38.6

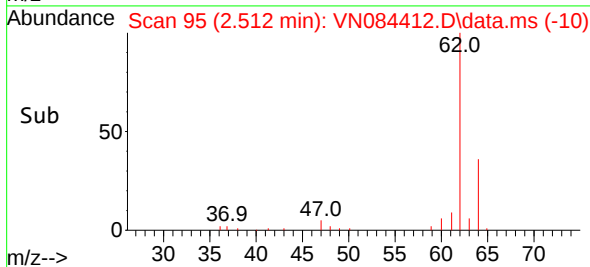
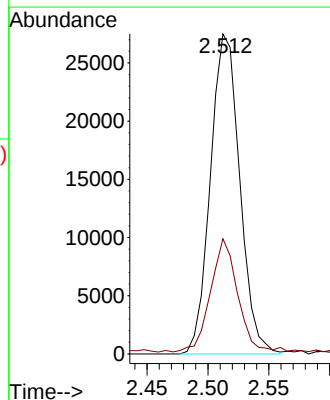
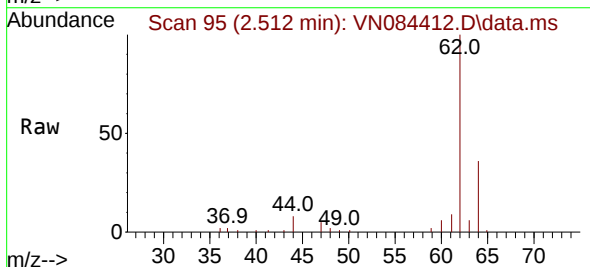
Manual Integrations
APPROVED

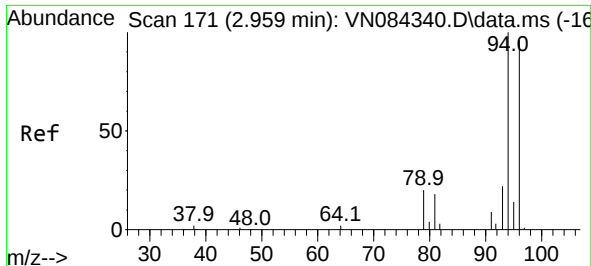
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#4
Vinyl Chloride
Concen: 20.079 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

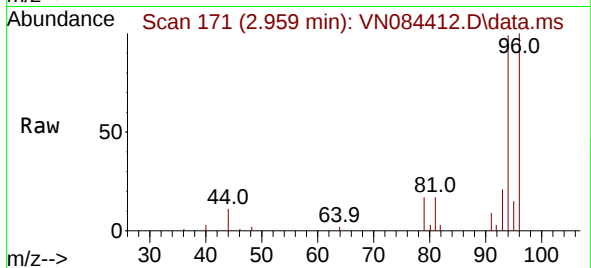
Tgt Ion: 62 Resp: 46014
Ion Ratio Lower Upper
62 100
64 34.9 24.3 36.5





#5
Bromomethane
Concen: 18.084 ug/l
RT: 2.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

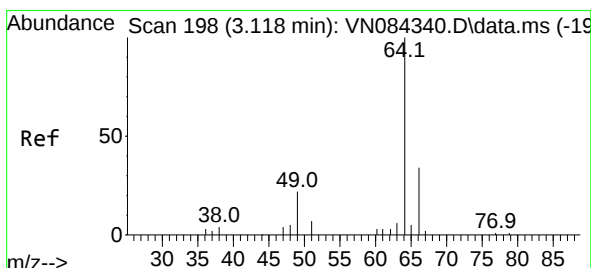
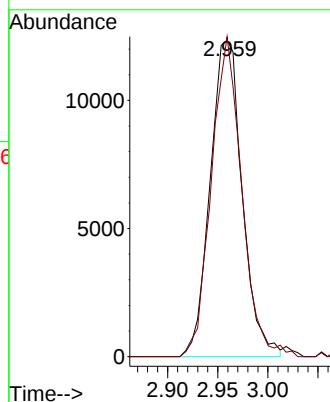
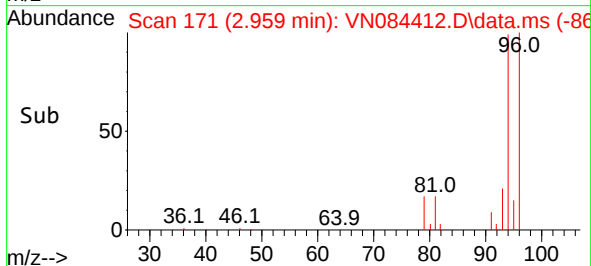
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



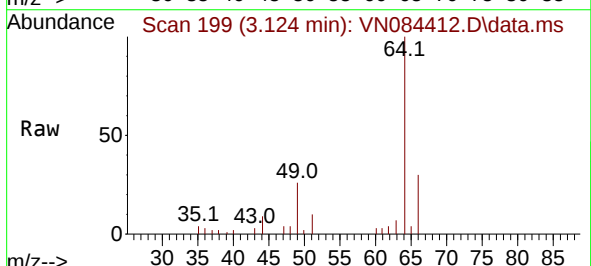
Tgt Ion: 94 Resp: 27450
Ion Ratio Lower Upper
94 100
96 101.0 76.7 115.1

Manual Integrations
APPROVED

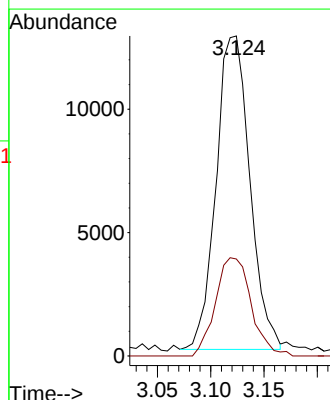
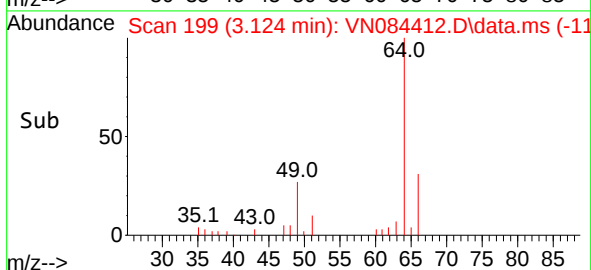
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

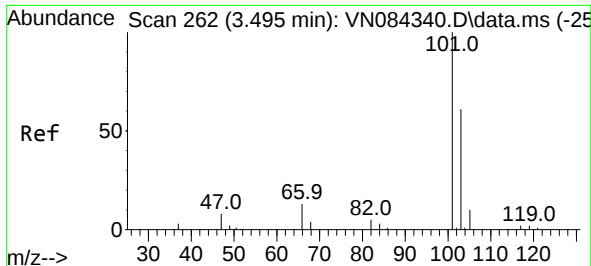


#6
Chloroethane
Concen: 18.634 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



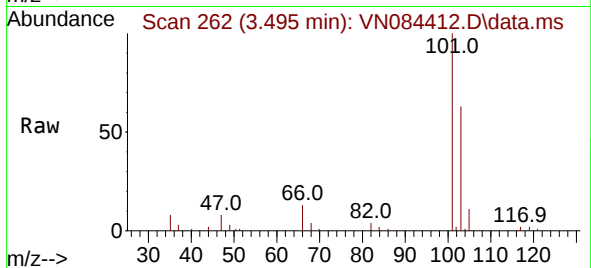
Tgt Ion: 64 Resp: 27995
Ion Ratio Lower Upper
64 100
66 30.9 27.7 41.5





#7
 Trichlorofluoromethane
 Concen: 19.995 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

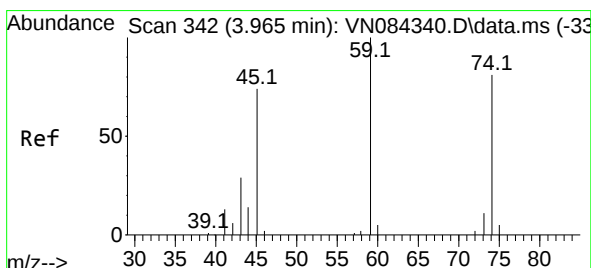
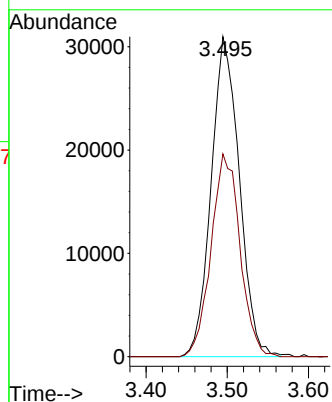
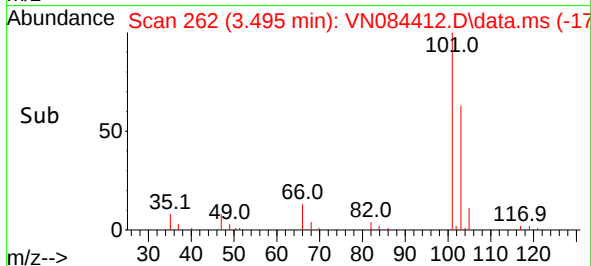
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion:101 Resp: 74638
 Ion Ratio Lower Upper
 101 100
 103 63.4 49.0 73.6

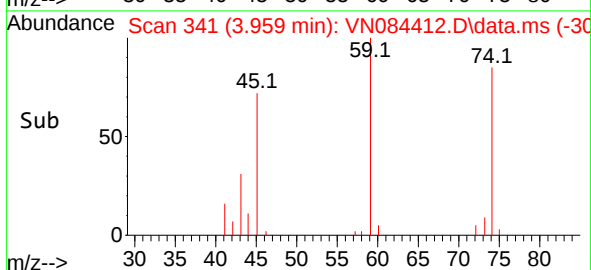
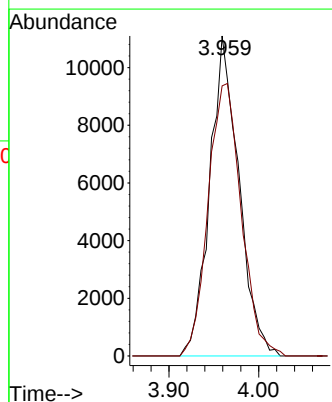
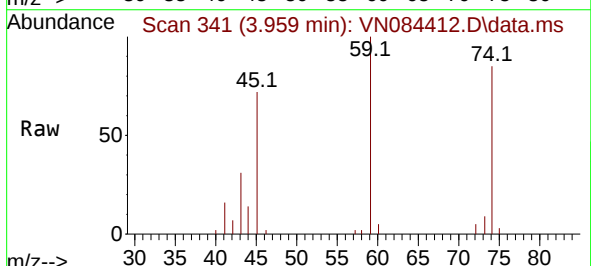
Manual Integrations
 APPROVED

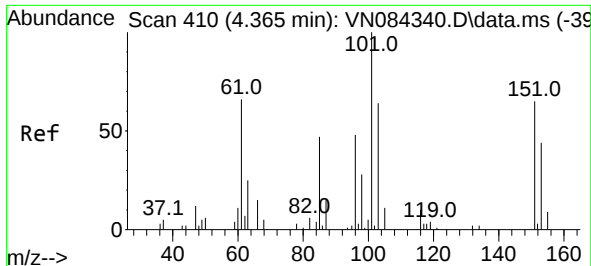
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#8
 Diethyl Ether
 Concen: 18.264 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion: 74 Resp: 25065
 Ion Ratio Lower Upper
 74 100
 45 96.5 19.2 173.2





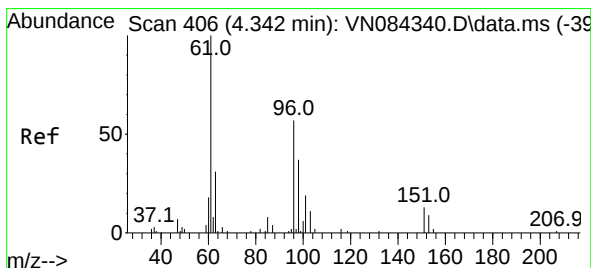
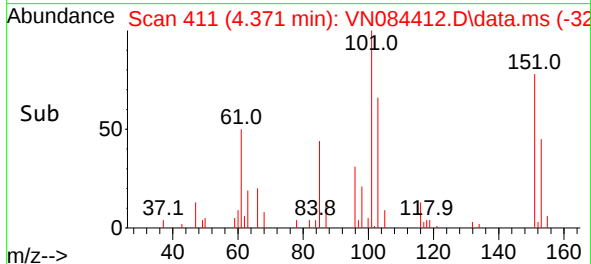
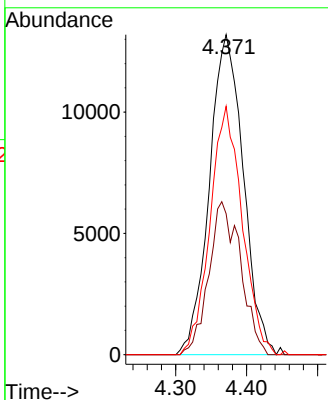
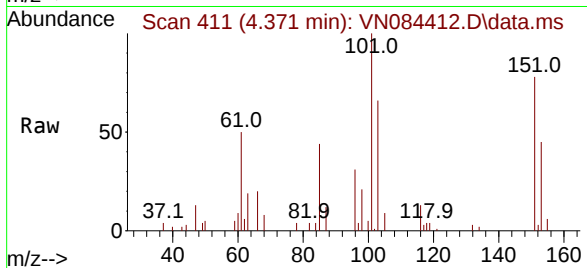
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.851 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 43762
Ion Ratio Lower Upper
101 100
85 29.7 0.0 93.6
151 73.6 0.0 151.8

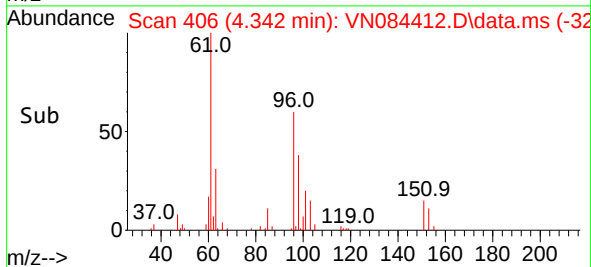
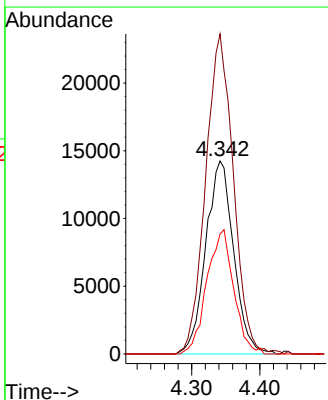
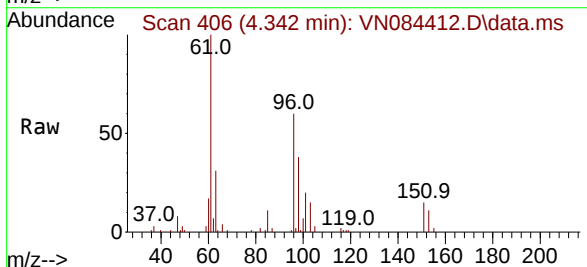
Manual Integrations
APPROVED

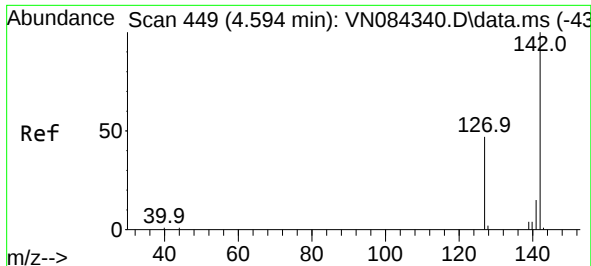
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#10
1,1-Dichloroethene
Concen: 19.363 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

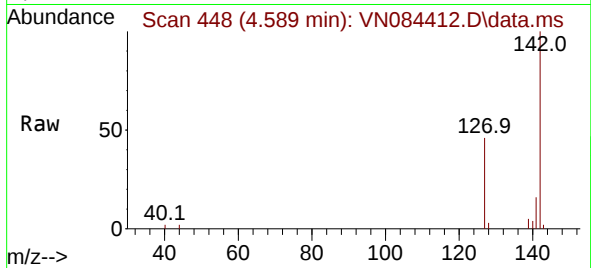
Tgt Ion: 96 Resp: 40550
Ion Ratio Lower Upper
96 100
61 165.9 140.8 211.2
98 62.2 52.2 78.2





#11
Methyl Iodide
Concen: 18.696 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

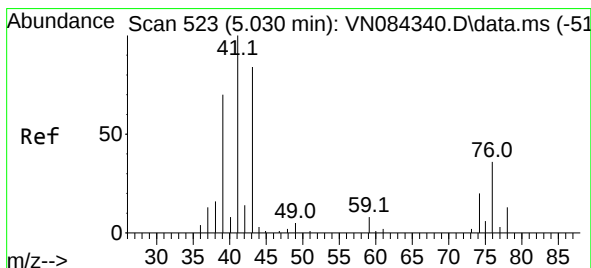
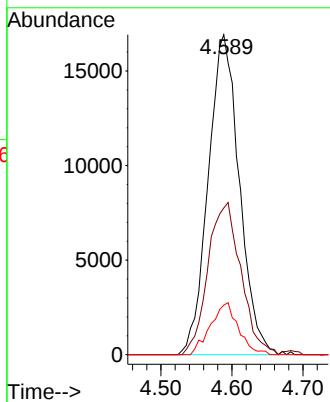
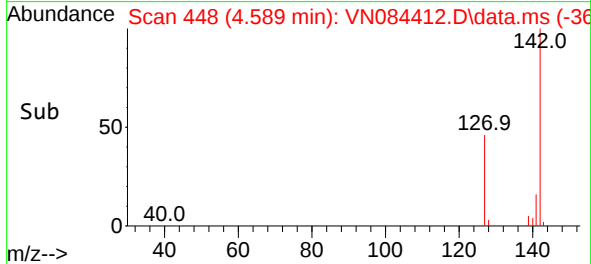
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 51458
Ion Ratio Lower Upper
142 100
127 45.8 23.8 71.4
141 15.5 7.4 22.2

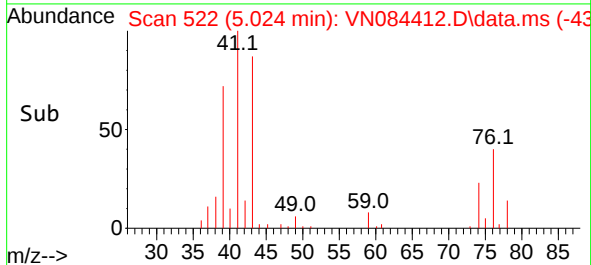
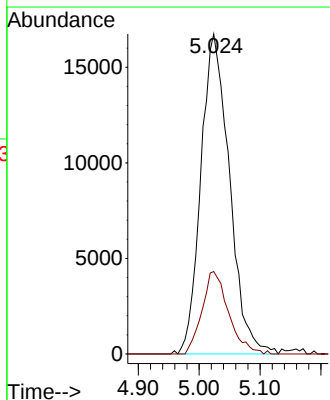
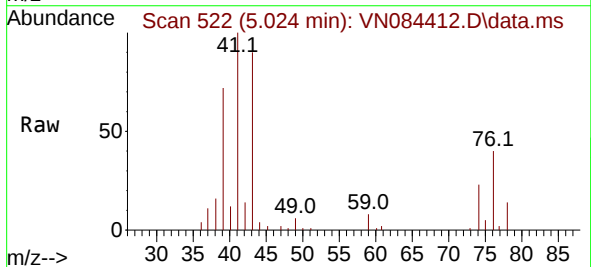
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#12
Methyl Acetate
Concen: 20.800 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

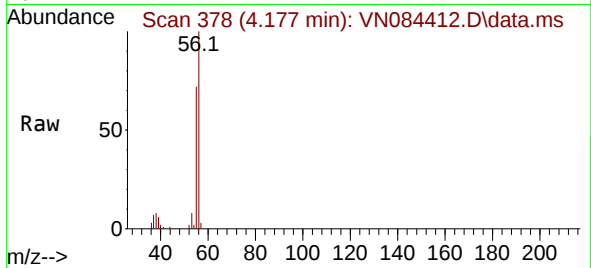
Tgt Ion: 43 Resp: 54534
Ion Ratio Lower Upper
43 100
74 25.8 19.4 29.2





#13
Acrolein
Concen: 111.069 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

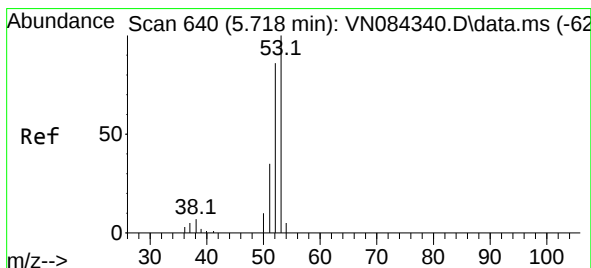
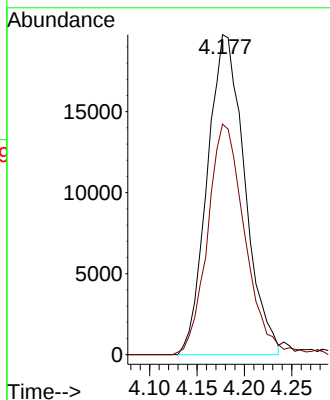
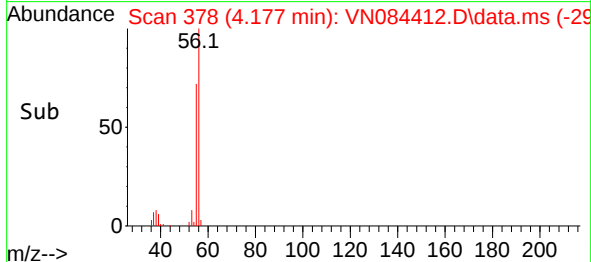
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 54094
Ion Ratio Lower Upper
56 100
55 71.0 56.4 84.6

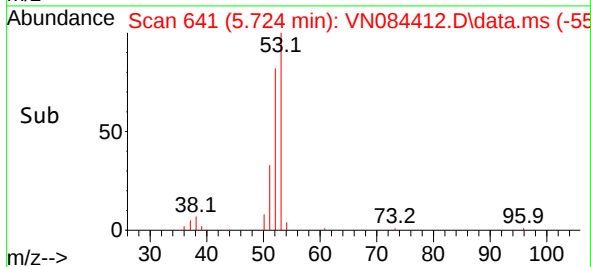
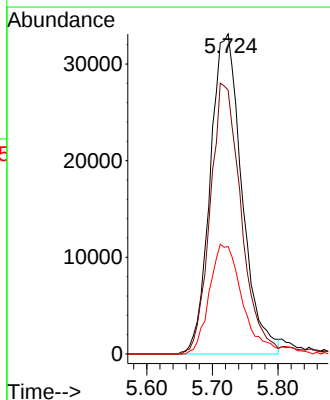
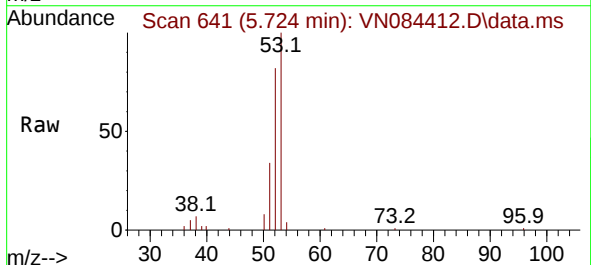
Manual Integrations
APPROVED

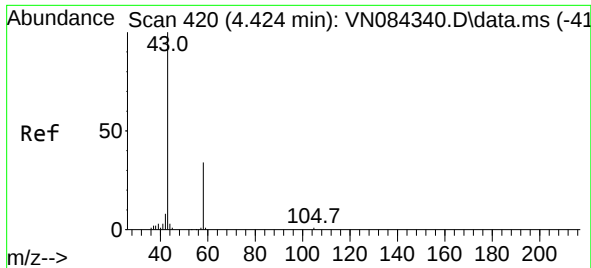
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#14
Acrylonitrile
Concen: 94.321 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 53 Resp: 111099
Ion Ratio Lower Upper
53 100
52 82.1 40.4 121.2
51 35.4 17.8 53.4





#15

Acetone

Concen: 116.562 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 58 Resp: 39220

Ion Ratio Lower Upper

58 100

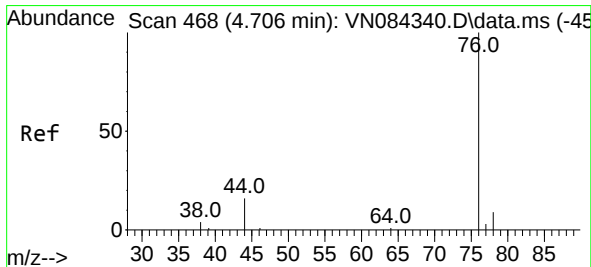
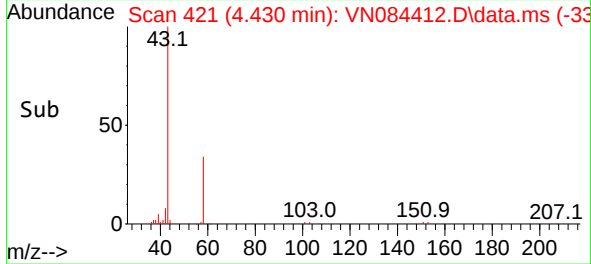
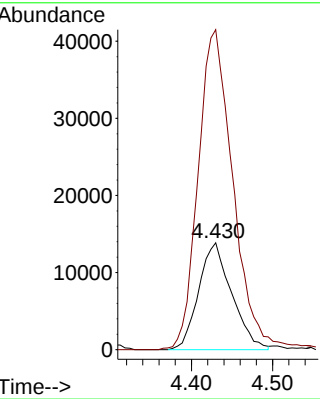
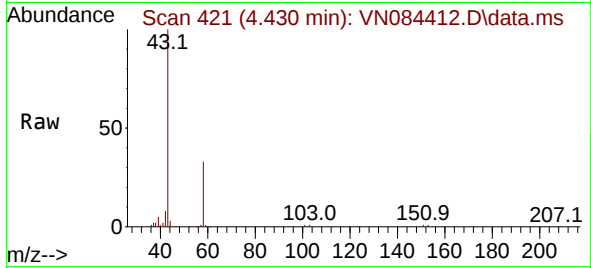
43 297.5 237.5 356.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#16

Carbon Disulfide

Concen: 18.431 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084412.D

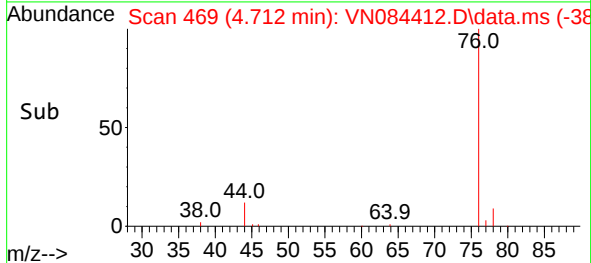
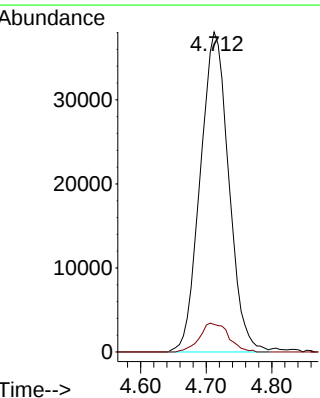
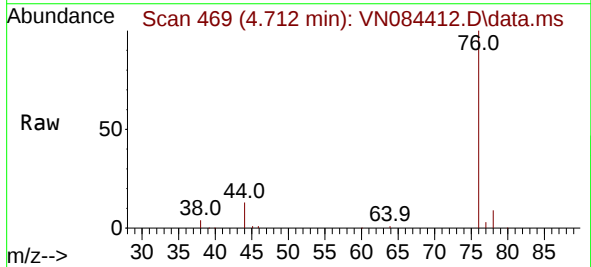
Acq: 15 Oct 2024 13:15

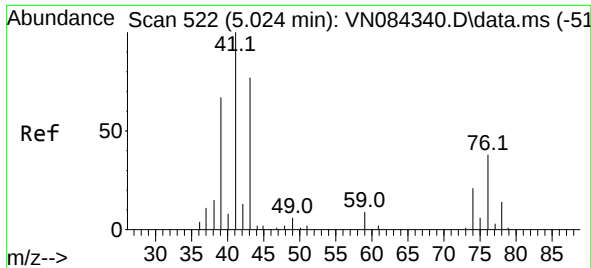
Tgt Ion: 76 Resp: 114941

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7





#17
 Allyl chloride
 Concen: 18.425 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

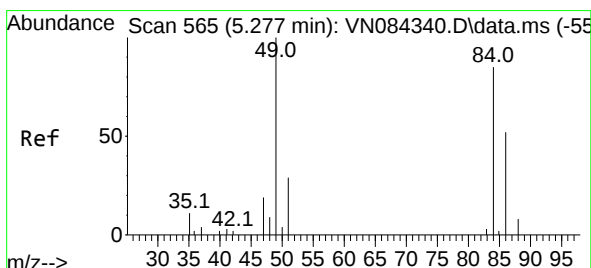
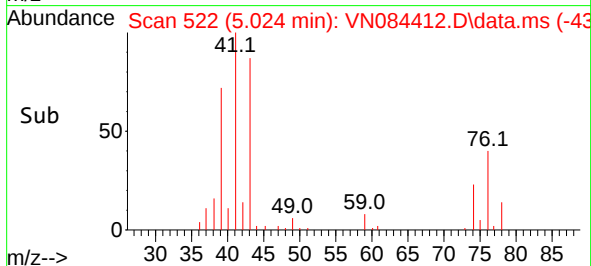
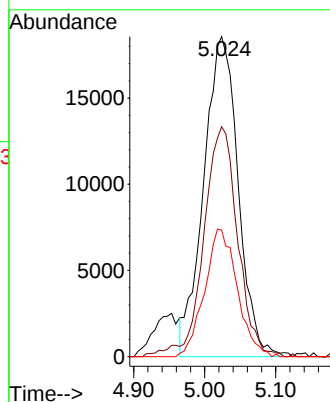
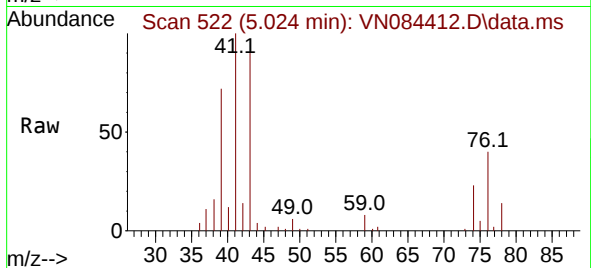
Tgt Ion: 41 Resp: 62548
 Ion Ratio Lower Upper
 41 100
 39 71.7 31.4 94.3
 76 40.0 17.8 53.5

Manual Integrations

APPROVED

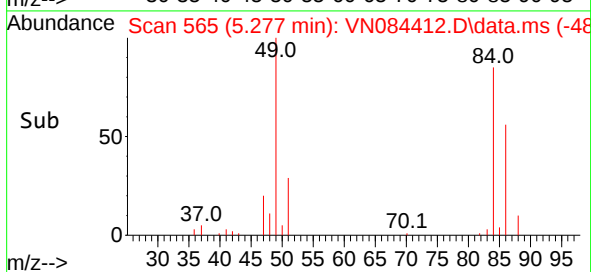
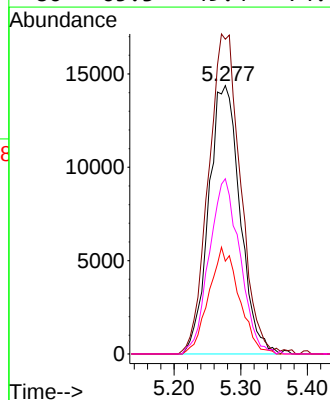
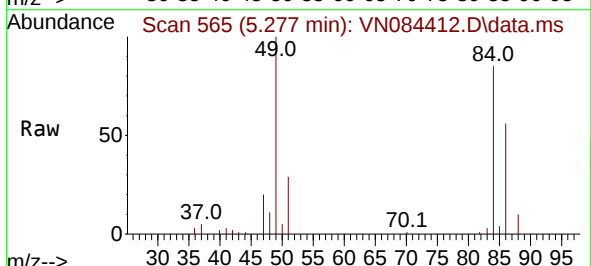
Reviewed By :John Carlone 10/16/2024

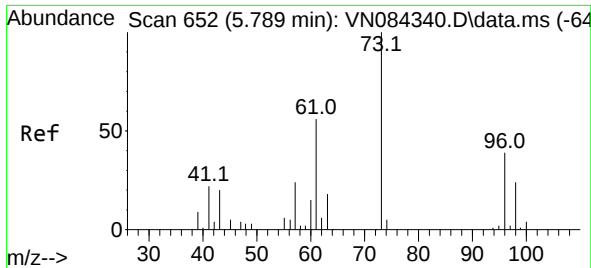
Supervised By :Mahesh Dadoda 10/16/2024



#18
 Methylene Chloride
 Concen: 19.888 ug/l m
 RT: 5.277 min Scan# 565
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion: 84 Resp: 46918
 Ion Ratio Lower Upper
 84 100
 49 117.3 94.6 142.0
 51 34.6 27.3 40.9
 86 65.3 49.4 74.0





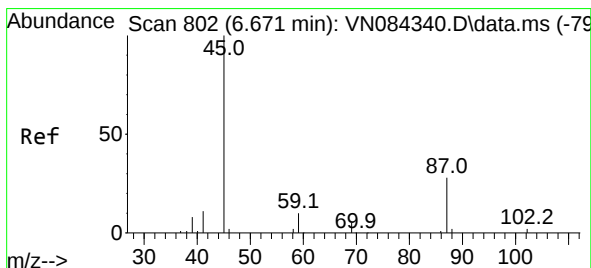
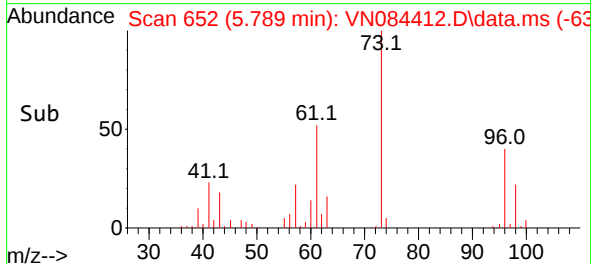
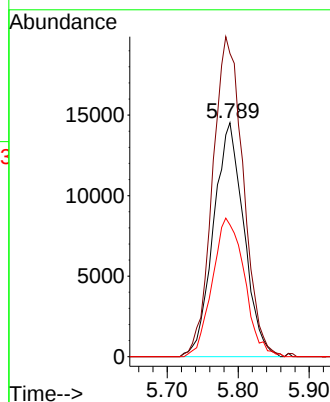
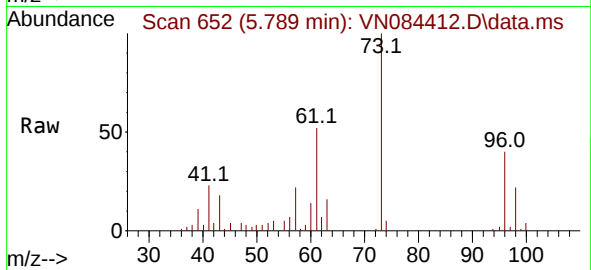
#19
trans-1,2-Dichloroethene
Concen: 19.454 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 96 Resp: 43119
Ion Ratio Lower Upper
96 100
61 129.6 115.8 173.6
98 56.4 49.4 74.0

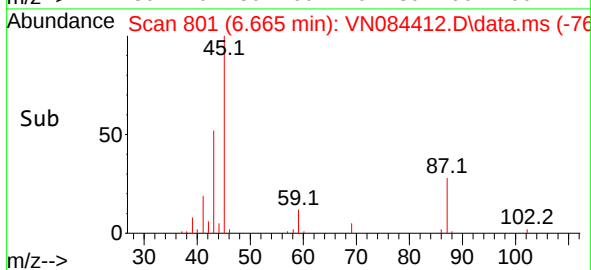
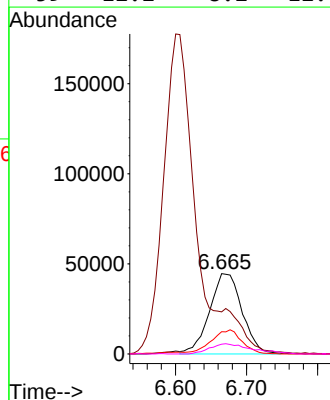
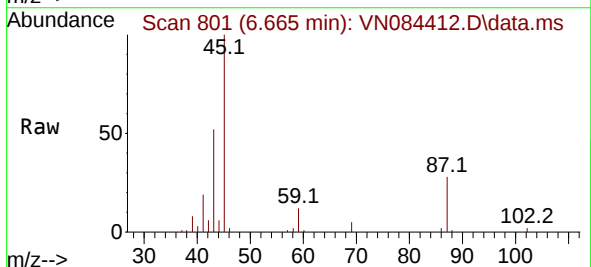
Manual Integrations
APPROVED

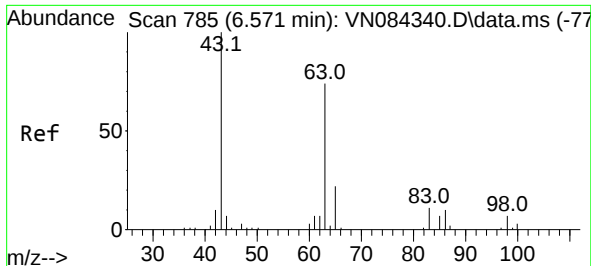
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#20
Diisopropyl ether
Concen: 19.430 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 45 Resp: 141823
Ion Ratio Lower Upper
45 100
43 50.0 43.7 65.5
87 27.9 23.1 34.7
59 12.2 8.2 12.4





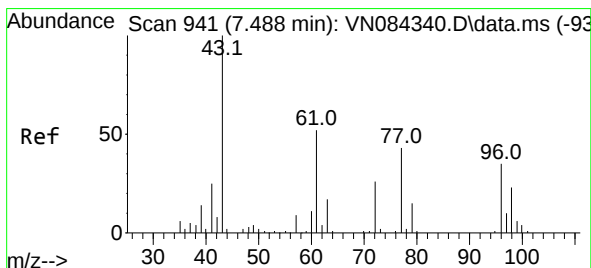
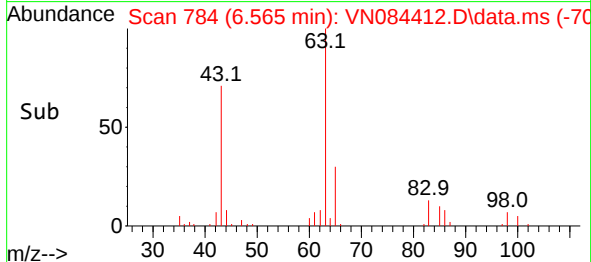
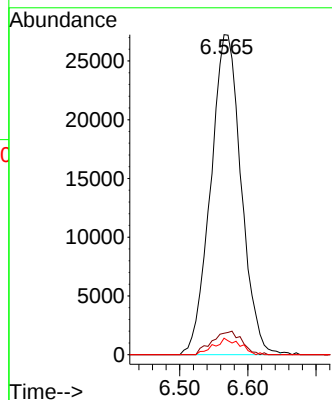
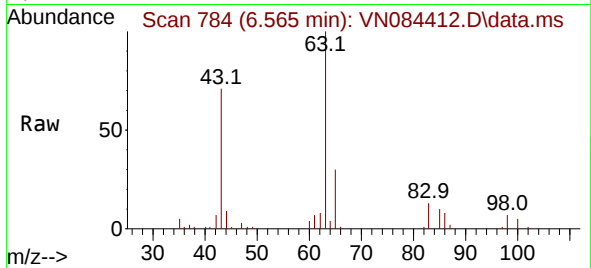
#21
1,1-Dichloroethane
Concen: 20.234 ug/l
RT: 6.565 min Scan# 784
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 84744
Ion Ratio Lower Upper
63 100
98 6.7 4.5 13.4
100 5.1 2.1 6.3

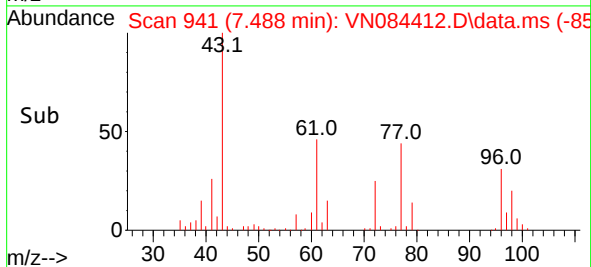
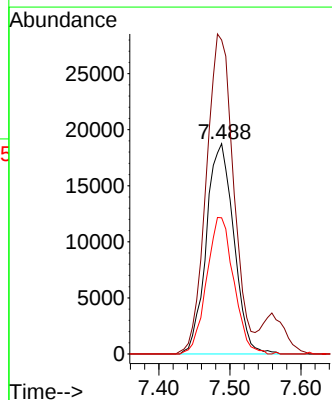
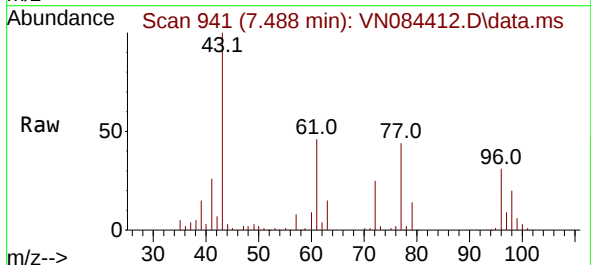
Manual Integrations
APPROVED

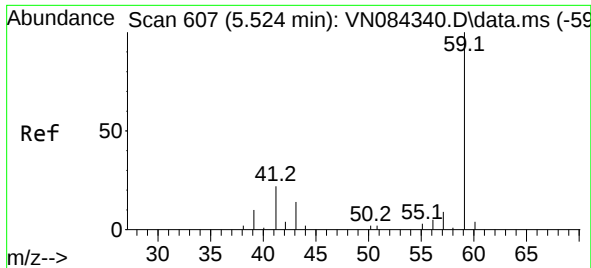
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#22
cis-1,2-Dichloroethene
Concen: 19.571 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 96 Resp: 50477
Ion Ratio Lower Upper
96 100
61 150.8 118.0 177.0
98 63.8 51.8 77.8





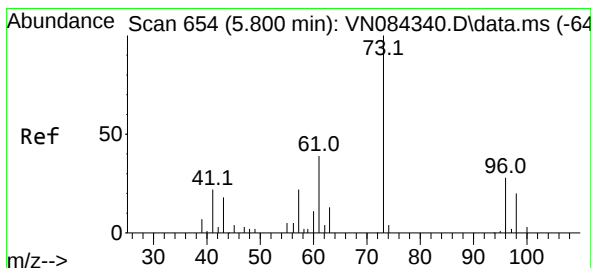
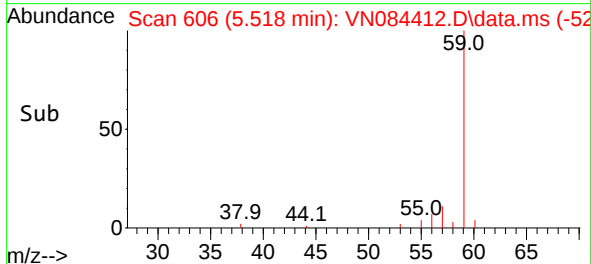
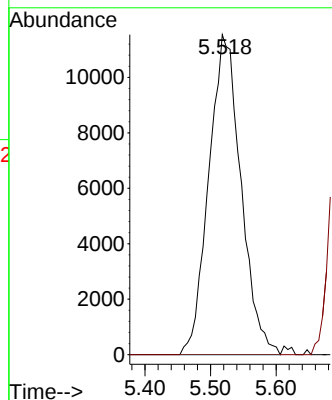
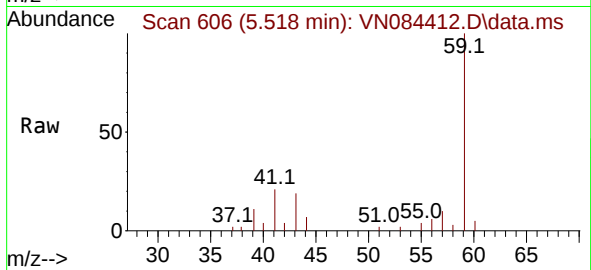
#23
tert-Butyl Alcohol
Concen: 86.822 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 3922
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

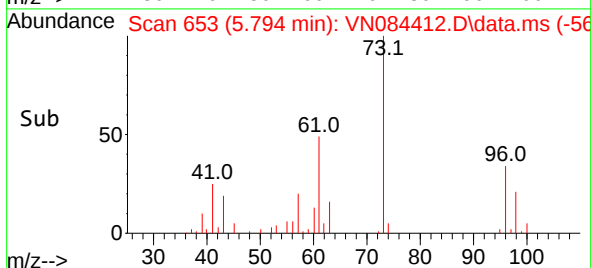
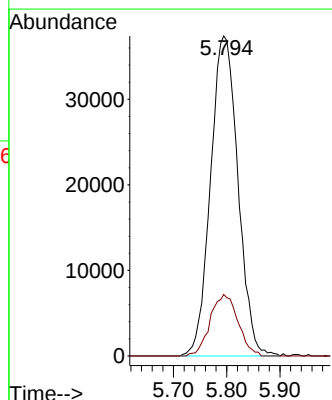
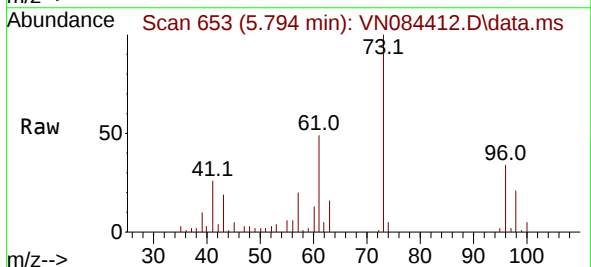
Manual Integrations
APPROVED

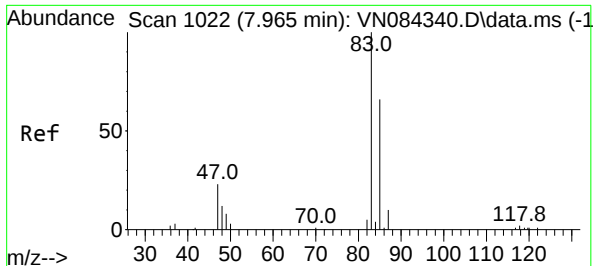
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#24
Methyl tert-Butyl Ether
Concen: 19.120 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 73 Resp: 133813
Ion Ratio Lower Upper
73 100
43 19.3 10.9 16.3#





#25

Chloroform

Concen: 20.380 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

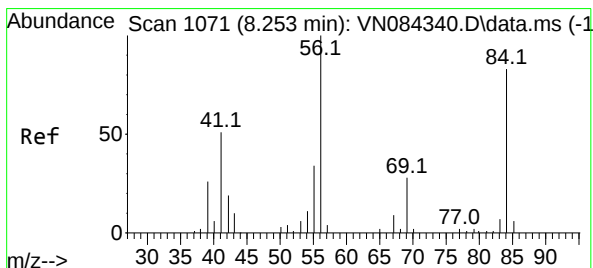
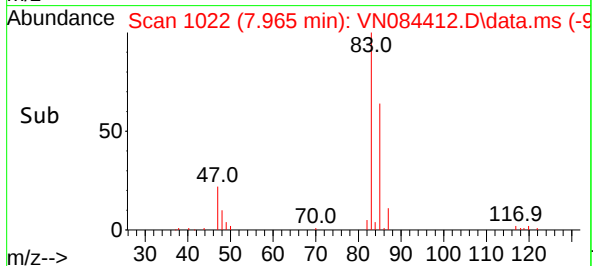
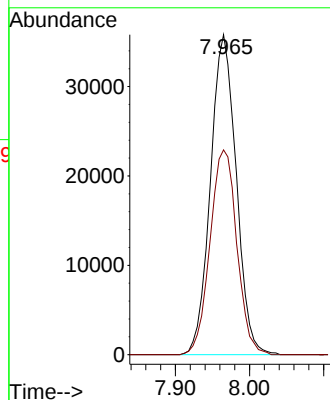
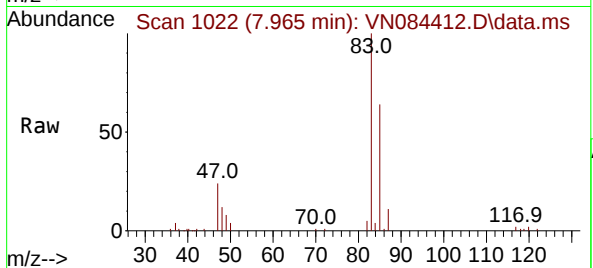
Tgt Ion: 83 Resp: 86449
 Ion Ratio Lower Upper
 83 100
 85 64.0 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#26

Cyclohexane

Concen: 18.241 ug/l

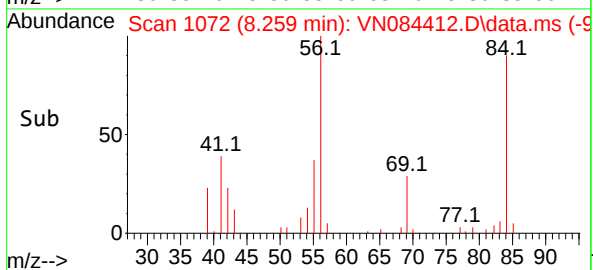
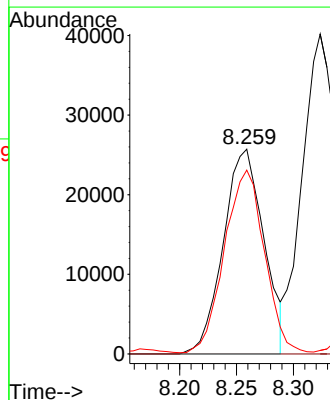
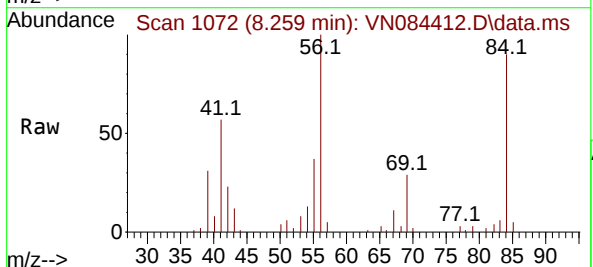
RT: 8.259 min Scan# 1072

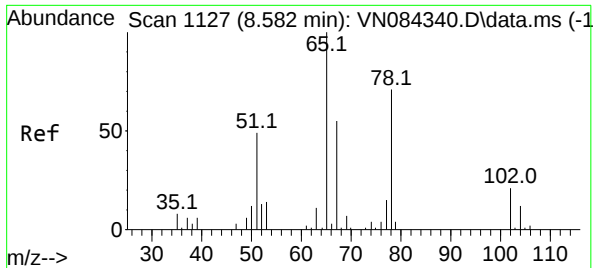
Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Tgt Ion: 56 Resp: 63895
 Ion Ratio Lower Upper
 56 100
 89 0.0 0.0 0.0
 84 89.3 67.0 100.6





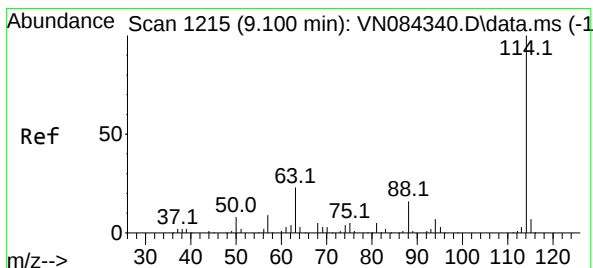
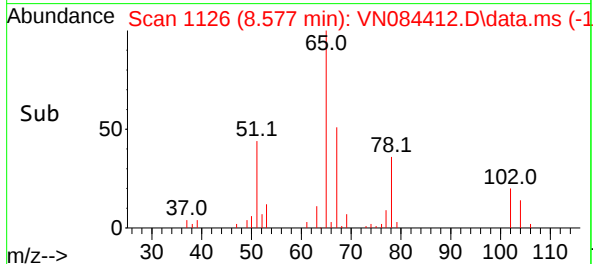
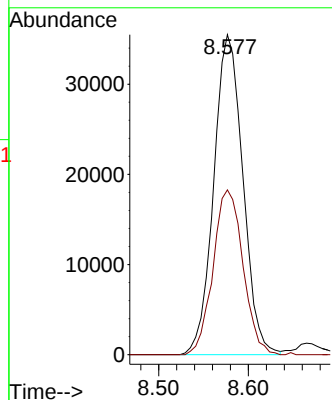
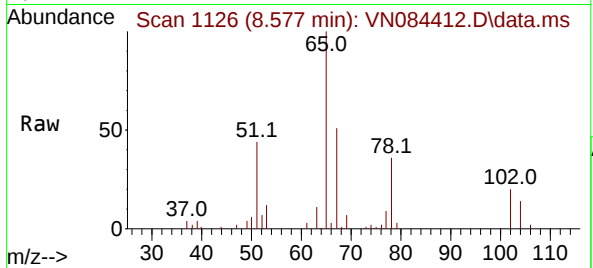
#27
1,2-Dichloroethane-d4
Concen: 29.583 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 65 Resp: 8010
Ion Ratio Lower Upper
65 100
67 52.8 41.5 62.3

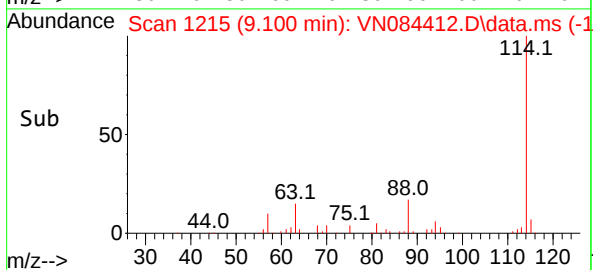
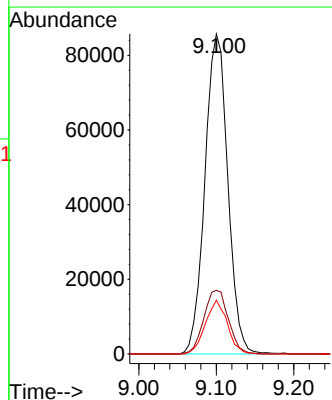
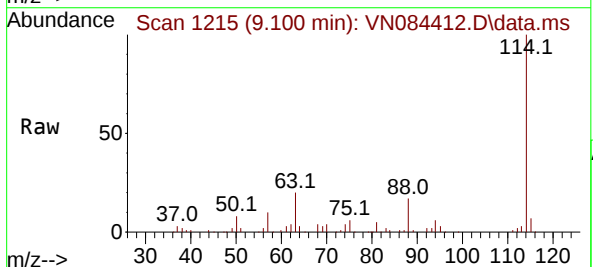
Manual Integrations
APPROVED

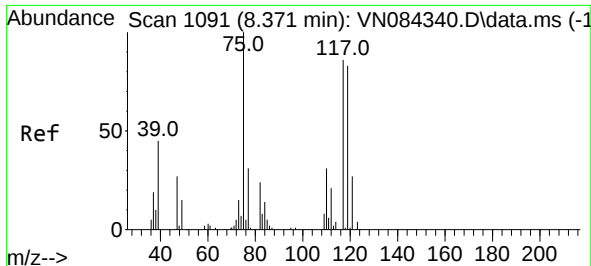
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

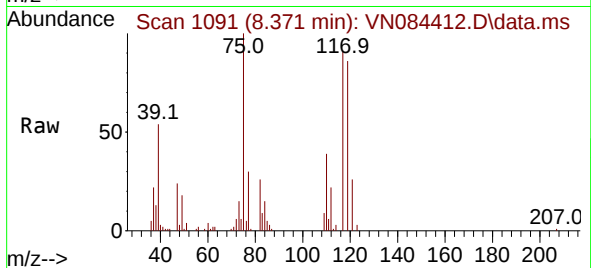
Tgt Ion:114 Resp: 175881
Ion Ratio Lower Upper
114 100
63 21.3 17.4 26.0
88 16.1 13.2 19.8





#29
1,1-Dichloropropene
Concen: 20.824 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

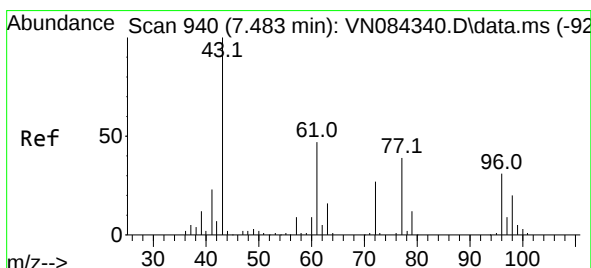
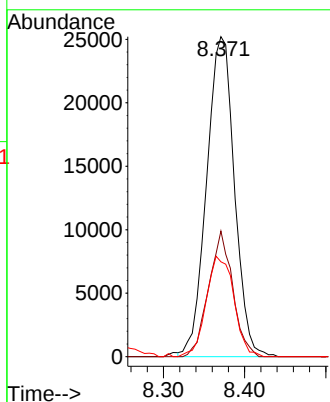
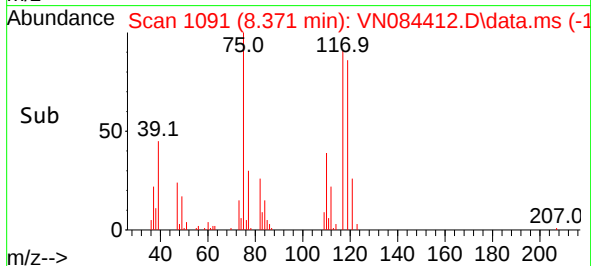
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



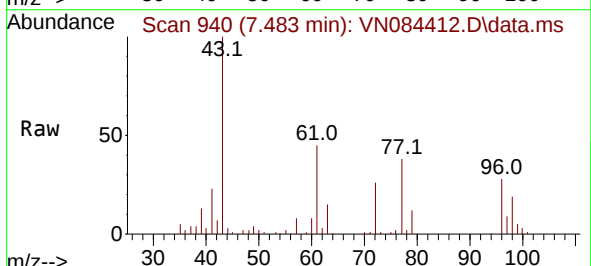
Tgt Ion: 75 Resp: 60125
Ion Ratio Lower Upper
75 100
110 34.0 0.0 67.6
77 31.1 0.0 61.4

Manual Integrations
APPROVED

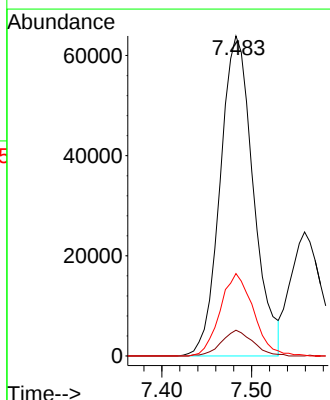
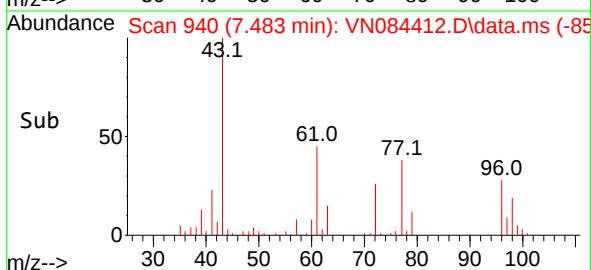
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

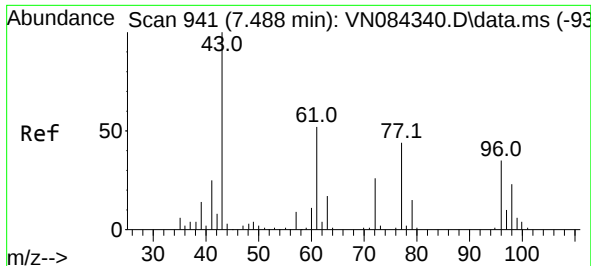


#30
2-Butanone
Concen: 106.835 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion: 43 Resp: 164229
Ion Ratio Lower Upper
43 100
57 7.6 6.6 9.8
72 25.8 21.3 31.9





#31

2,2-Dichloropropane

Concen: 22.037 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 74769

Ion Ratio Lower Upper

77 100

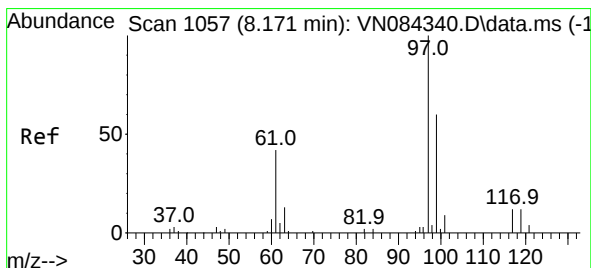
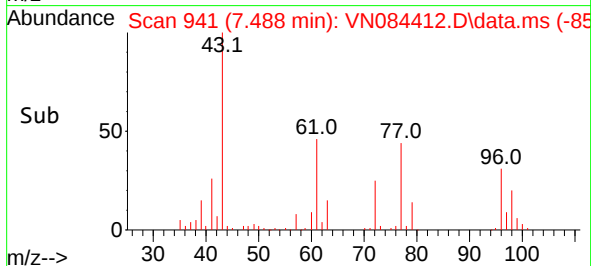
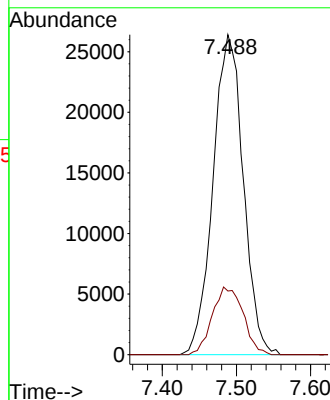
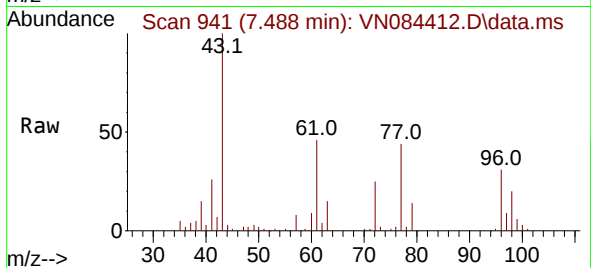
97 21.6 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#32

1,1,1-Trichloroethane

Concen: 21.516 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

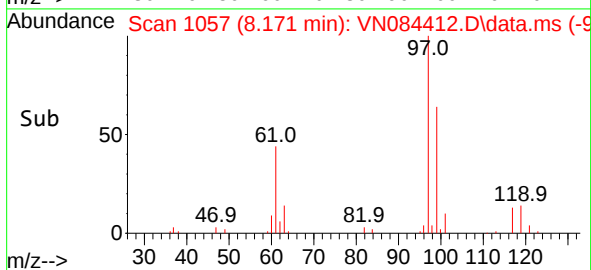
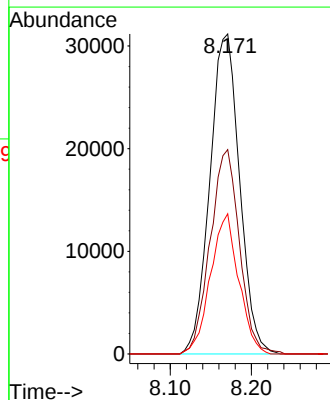
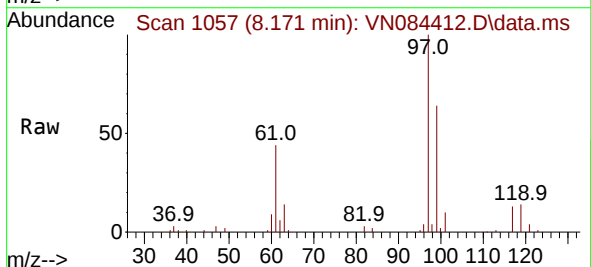
Tgt Ion: 97 Resp: 79405

Ion Ratio Lower Upper

97 100

99 62.9 51.2 76.8

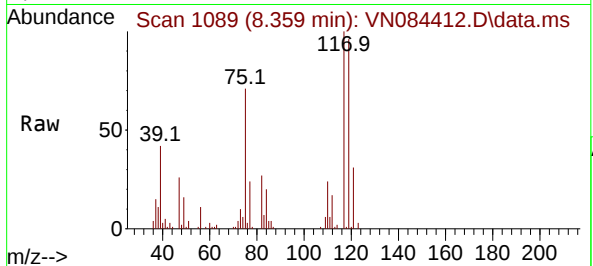
61 41.6 34.1 51.1





#33
Carbon Tetrachloride
Concen: 21.149 ug/l
RT: 8.359 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

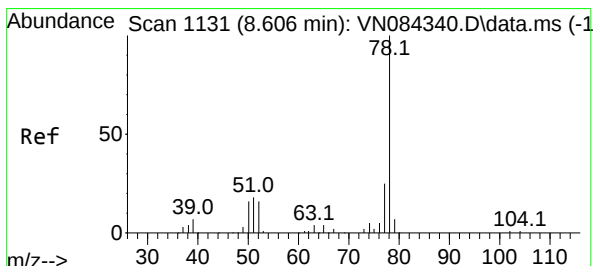
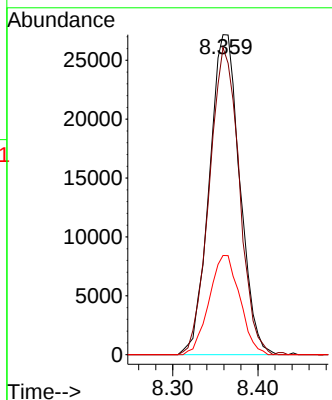
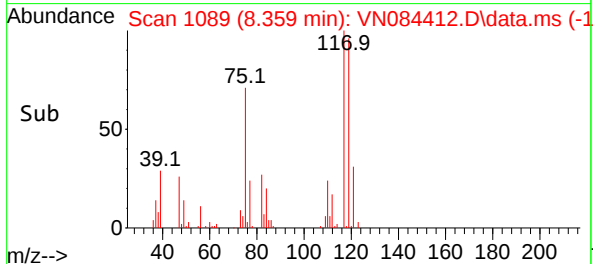
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 67618
Ion Ratio Lower Upper
117 100
119 95.9 74.3 111.5
121 31.0 22.4 33.6

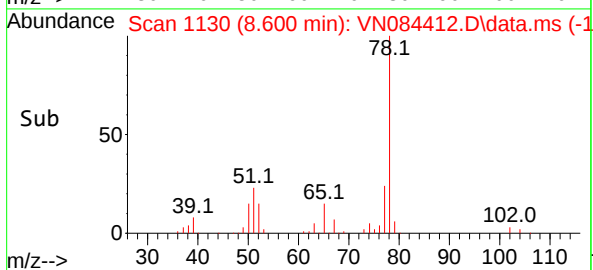
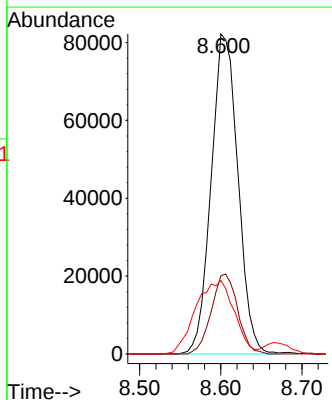
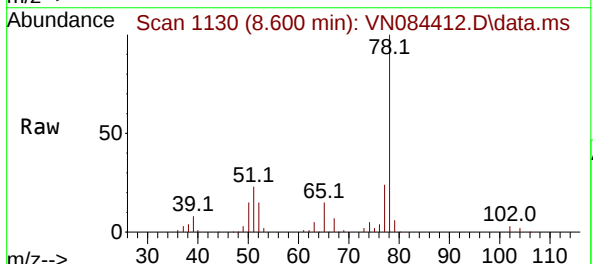
Manual Integrations
APPROVED

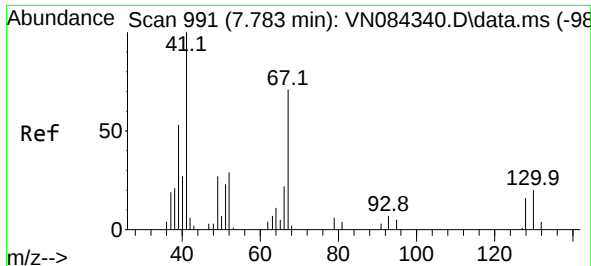
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#34
Benzene
Concen: 20.833 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 78 Resp: 188288
Ion Ratio Lower Upper
78 100
77 24.5 19.6 29.4
51 20.4 15.8 23.6





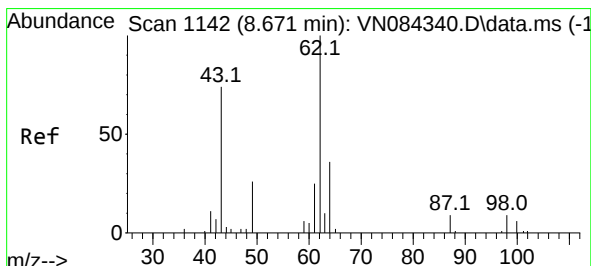
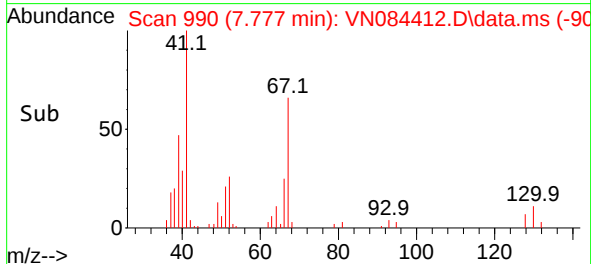
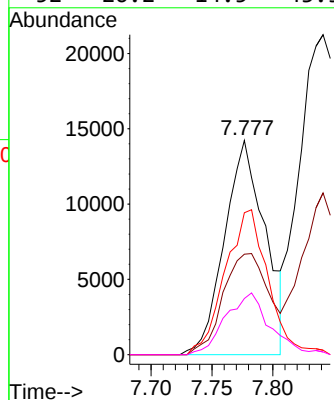
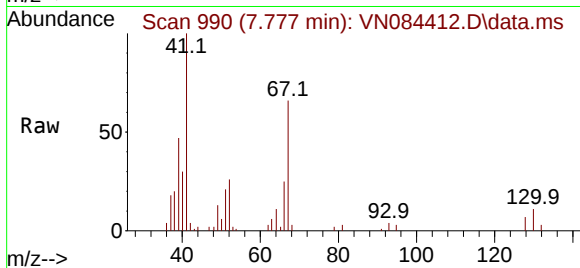
#35
Methacrylonitrile
Concen: 20.138 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 33025
Ion Ratio Lower Upper
41 100
39 46.9 26.4 79.0
67 66.3 35.7 107.1
52 26.2 14.5 43.5

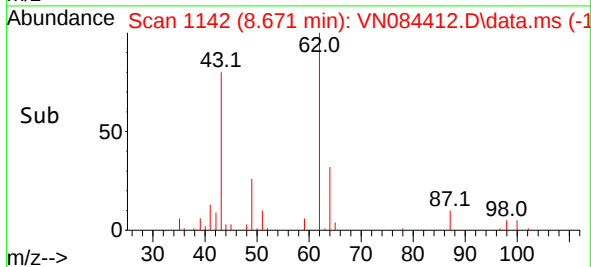
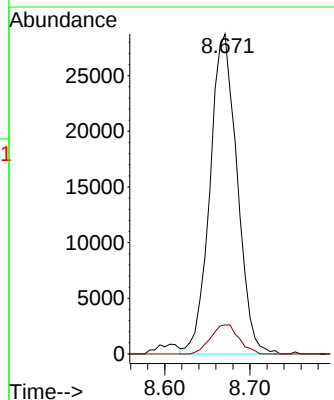
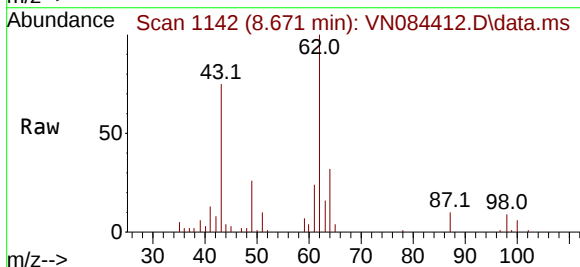
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#36
1,2-Dichloroethane
Concen: 21.182 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 62 Resp: 63813
Ion Ratio Lower Upper
62 100
98 9.4 7.3 10.9





#37

Trichloroethene

Concen: 20.551 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 42770

Ion Ratio Lower Upper

130 100

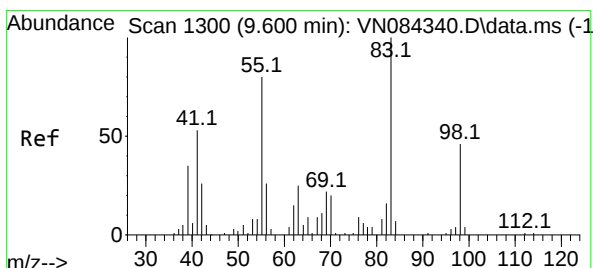
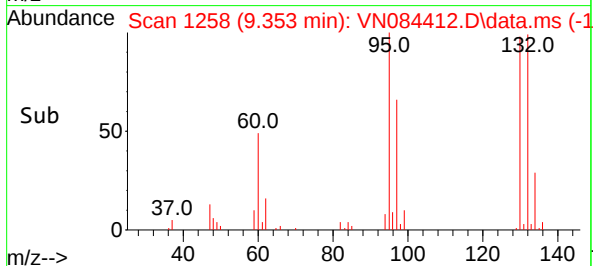
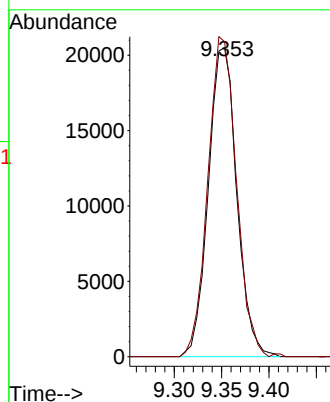
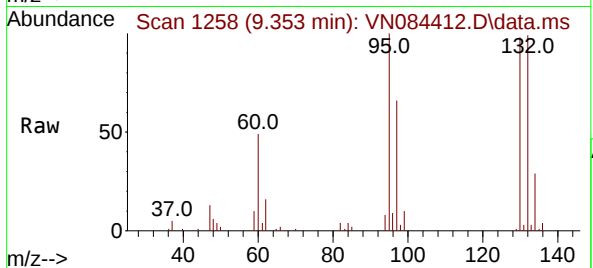
95 102.0 85.8 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#38

Methylcyclohexane

Concen: 19.114 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

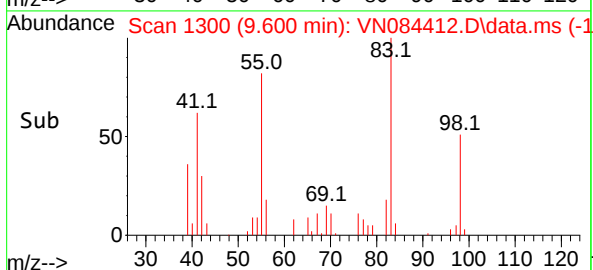
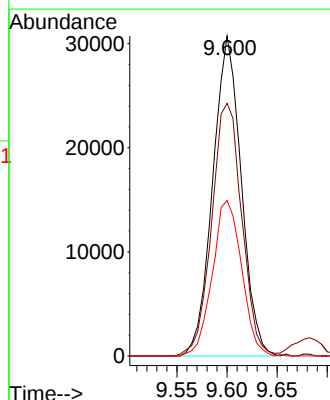
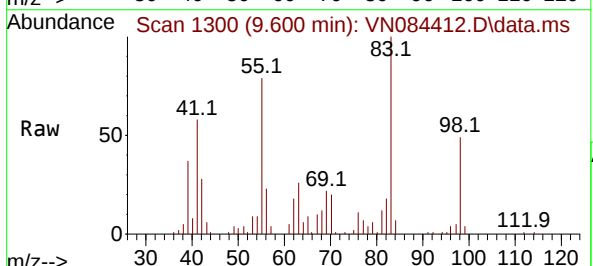
Tgt Ion: 83 Resp: 60619

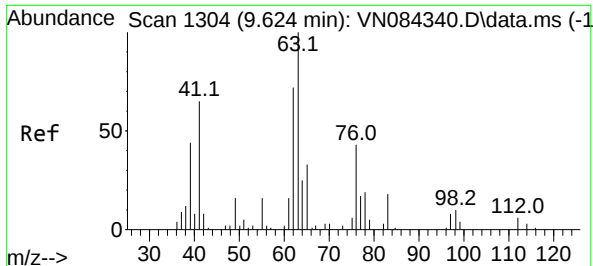
Ion Ratio Lower Upper

83 100

55 83.4 39.3 117.8

98 50.0 24.0 72.0





#39
1,2-Dichloropropane
Concen: 21.294 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

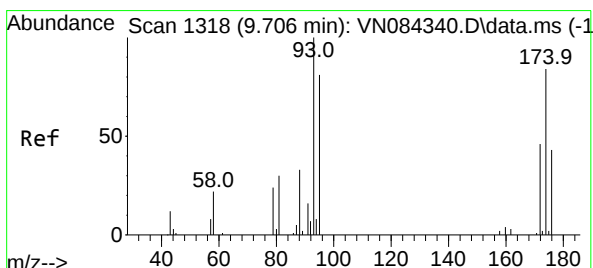
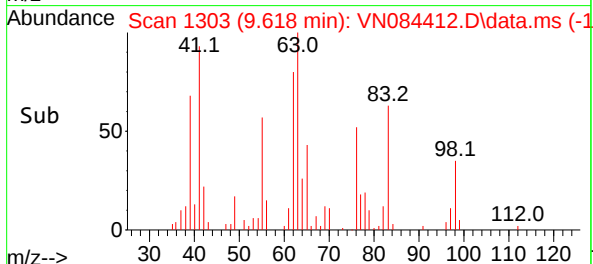
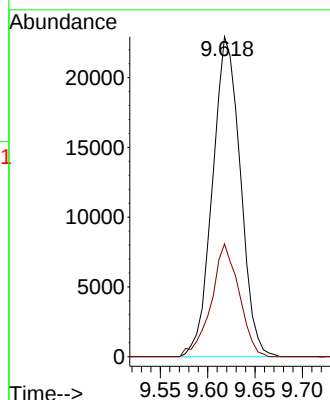
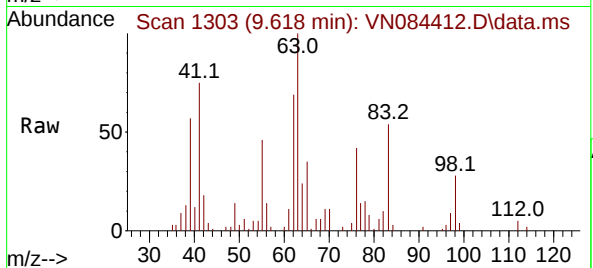
VSTDCCC020

Tgt Ion: 63 Resp: 46930
Ion Ratio Lower Upper
63 100
65 35.3 26.3 39.5

Manual Integrations

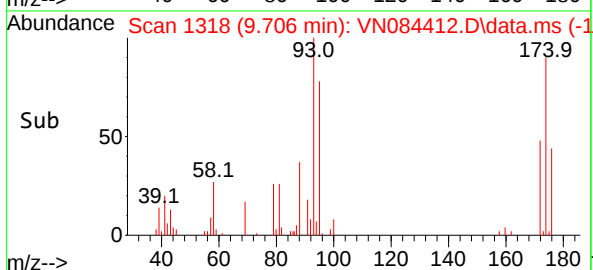
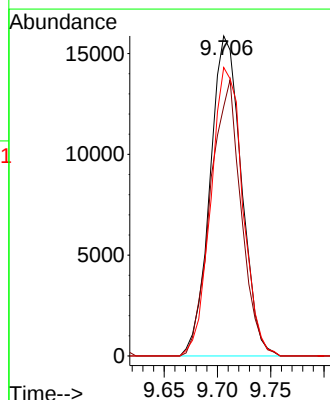
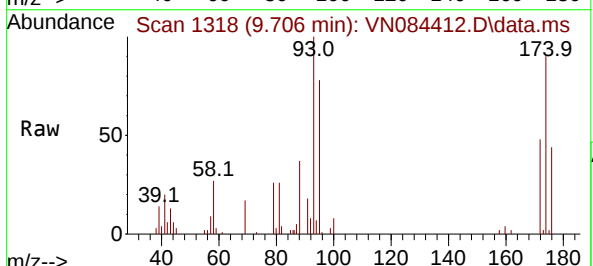
APPROVED

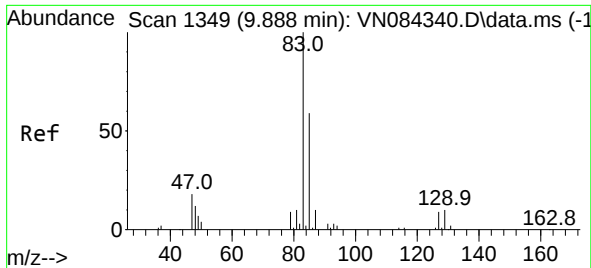
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#40
Dibromomethane
Concen: 21.095 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 93 Resp: 32493
Ion Ratio Lower Upper
93 100
95 84.1 0.0 171.4
174 91.2 0.0 183.0





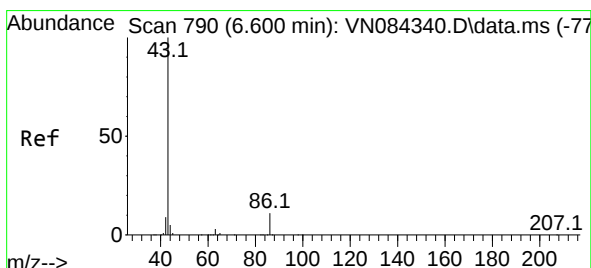
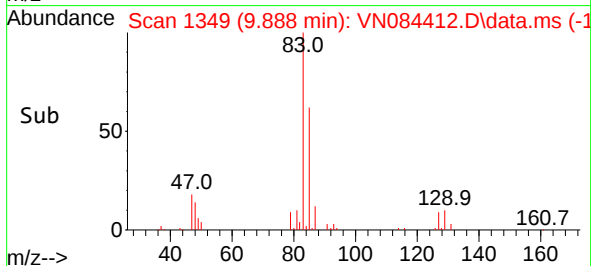
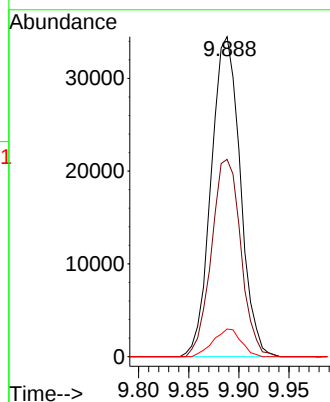
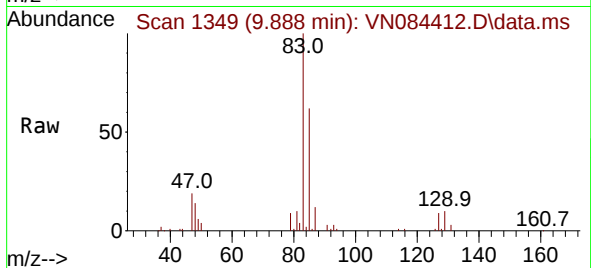
#41
Bromodichloromethane
Concen: 21.292 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 69624
Ion Ratio Lower Upper
83 100
85 61.7 47.1 70.7
127 8.6 7.1 10.7

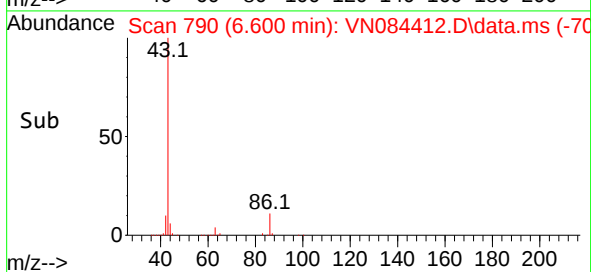
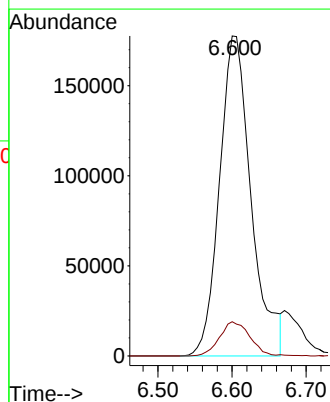
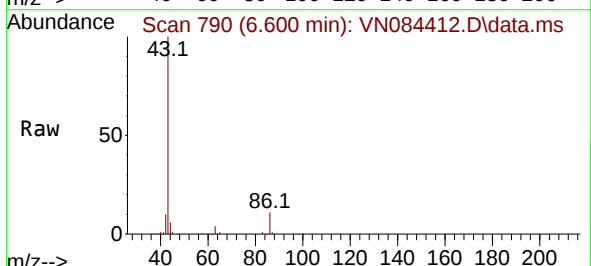
Manual Integrations
APPROVED

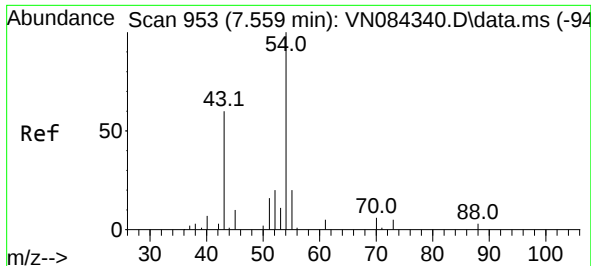
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#42
Vinyl Acetate
Concen: 98.516 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 43 Resp: 526695
Ion Ratio Lower Upper
43 100
86 10.2 8.5 12.7





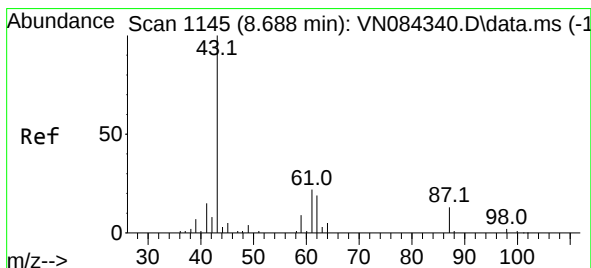
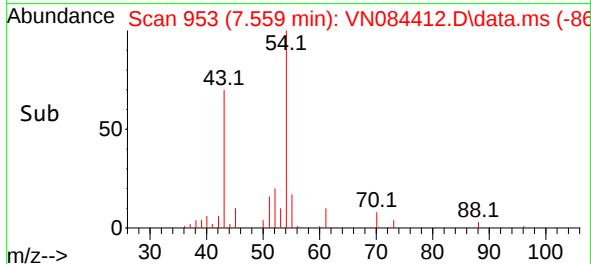
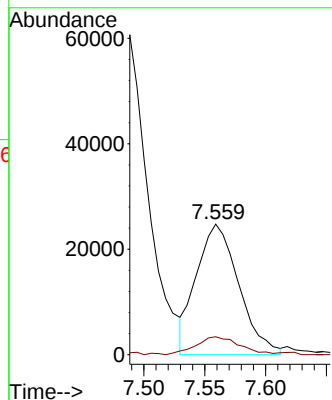
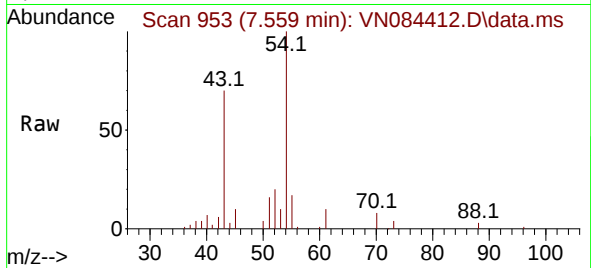
#43
Ethyl Acetate
Concen: 19.770 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 59930
Ion Ratio Lower Upper
43 100
45 14.1 10.6 16.0

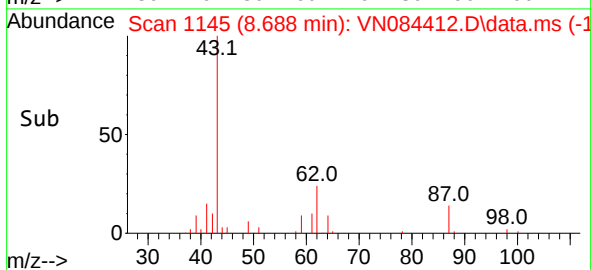
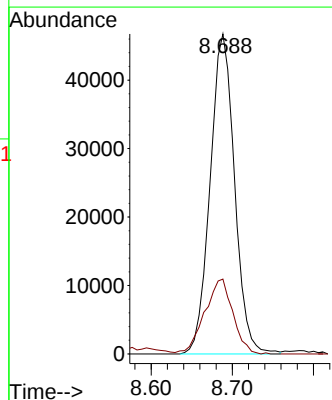
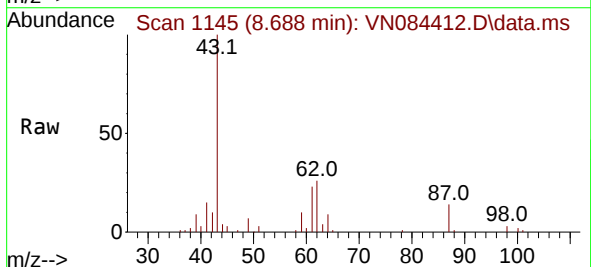
Manual Integrations
APPROVED

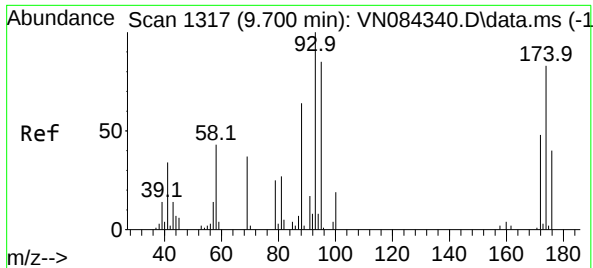
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#44
Isopropyl Acetate
Concen: 19.706 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

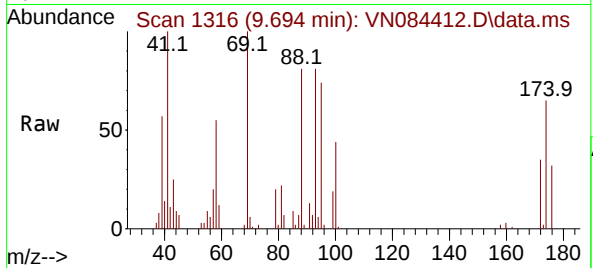
Tgt Ion: 43 Resp: 97785
Ion Ratio Lower Upper
43 100
61 26.9 21.4 32.2





#45
1,4-Dioxane
Concen: 417.891 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

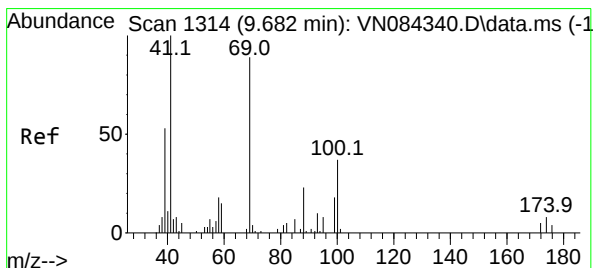
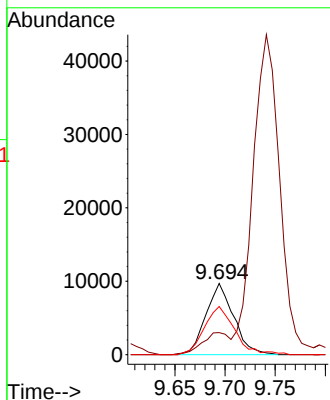
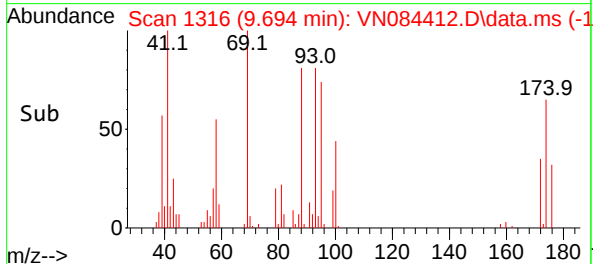
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



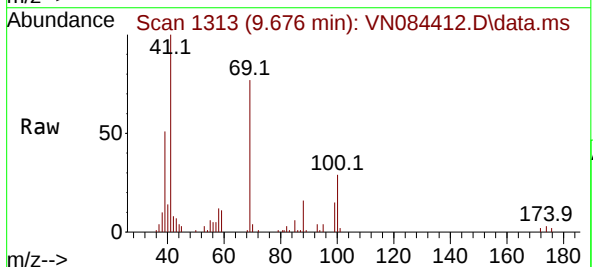
Tgt Ion: 88 Resp: 1869
Ion Ratio Lower Upper
88 100
43 30.7 22.4 33.6
58 72.1 59.7 89.5

Manual Integrations
APPROVED

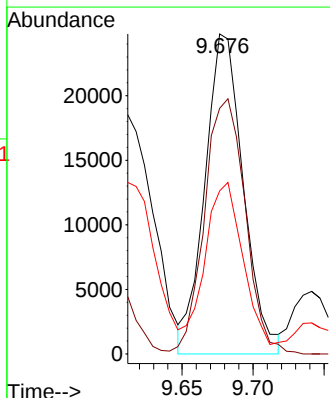
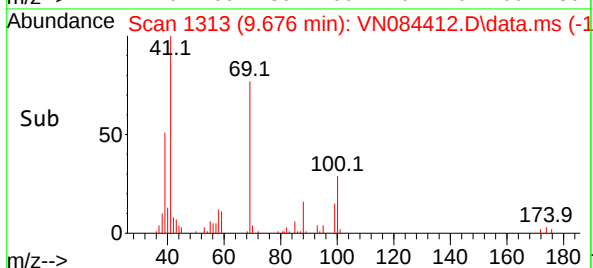
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

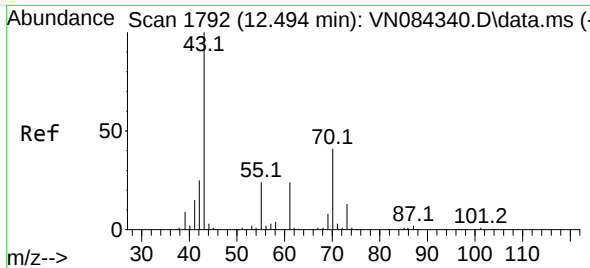


#46
Methyl methacrylate
Concen: 19.468 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion: 41 Resp: 46675
Ion Ratio Lower Upper
41 100
69 79.3 42.6 128.0
39 50.4 27.5 82.4





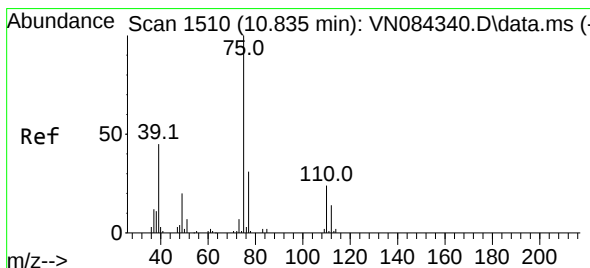
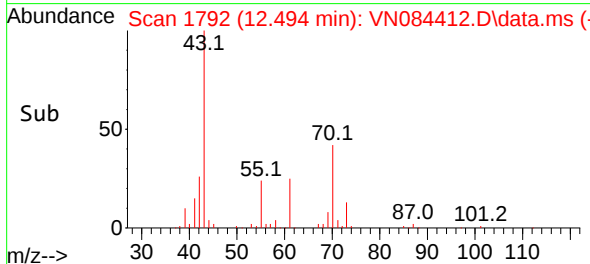
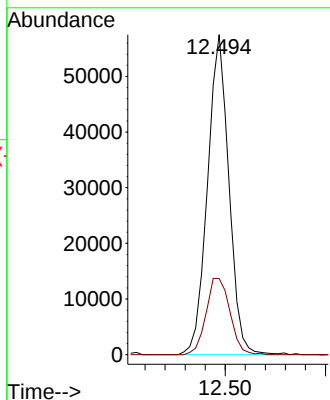
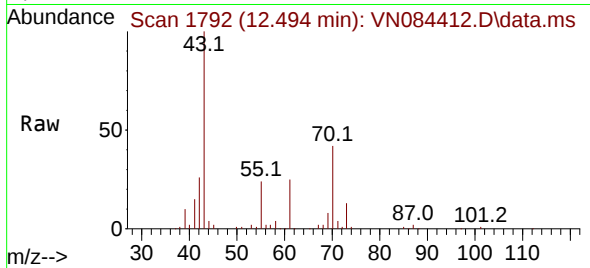
#47
n-amyl Acetate
Concen: 19.306 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 8521
Ion Ratio Lower Upper
43 100
55 26.7 20.6 31.0

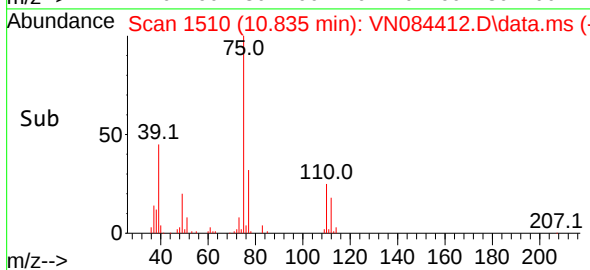
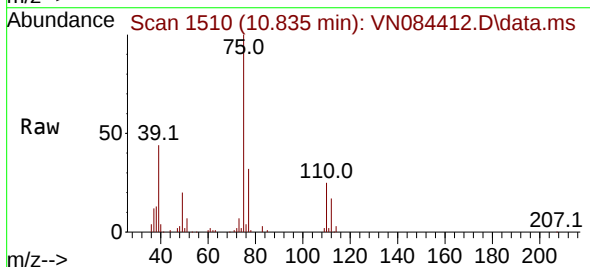
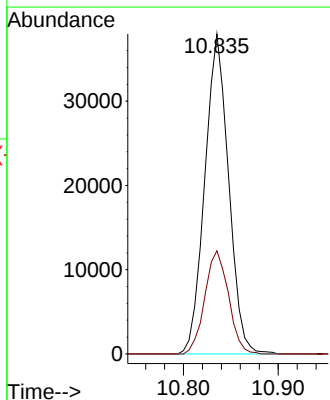
Manual Integrations
APPROVED

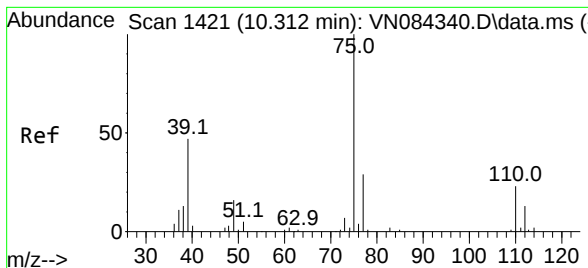
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#48
t-1,3-Dichloropropene
Concen: 19.635 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

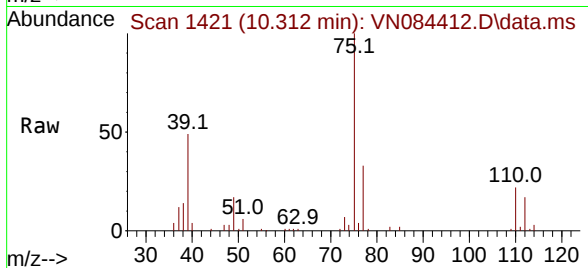
Tgt Ion: 75 Resp: 66349
Ion Ratio Lower Upper
75 100
77 32.3 24.6 37.0





#49
 cis-1,3-Dichloropropene
 Concen: 20.991 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

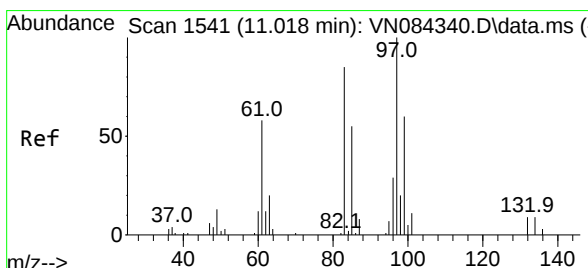
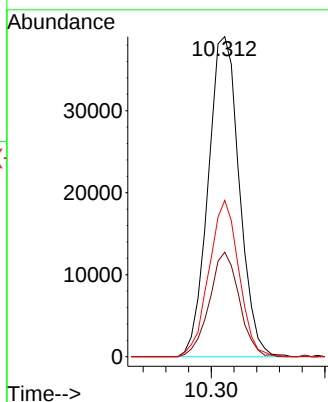
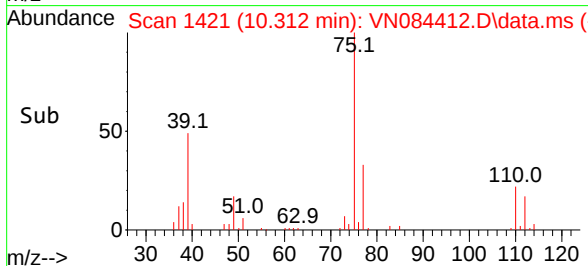
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 74336
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.9 34.3
 39 48.9 37.4 56.2

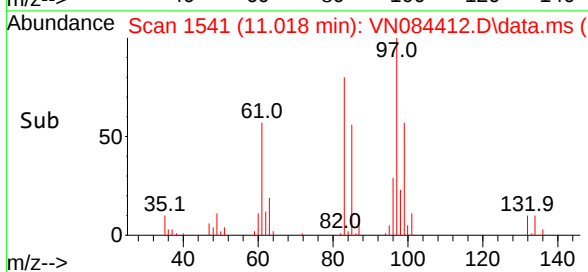
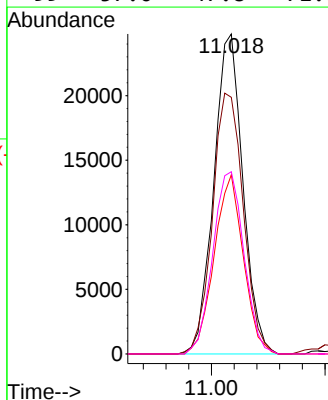
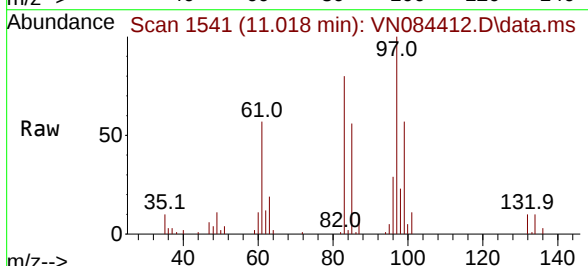
Manual Integrations
 APPROVED

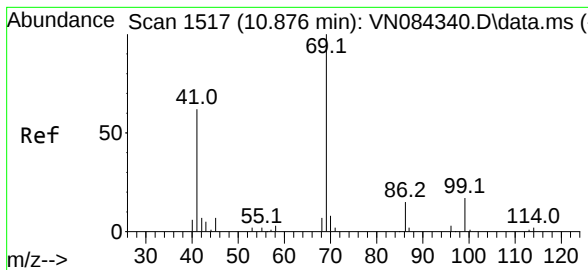
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#50
 1,1,2-Trichloroethane
 Concen: 21.298 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion: 97 Resp: 44095
 Ion Ratio Lower Upper
 97 100
 83 80.2 67.8 101.8
 85 56.0 44.2 66.2
 99 57.0 47.8 71.8





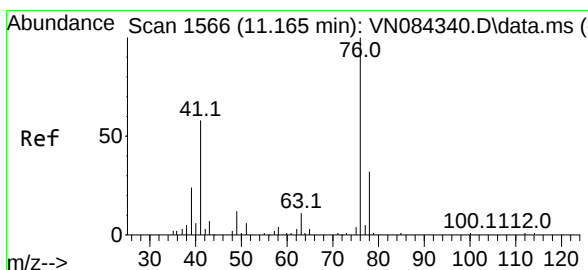
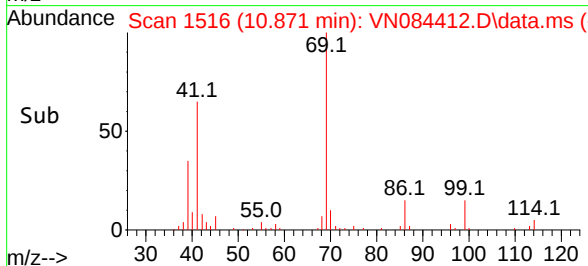
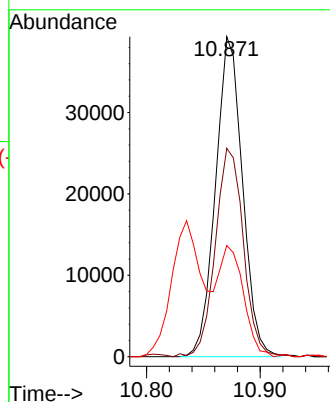
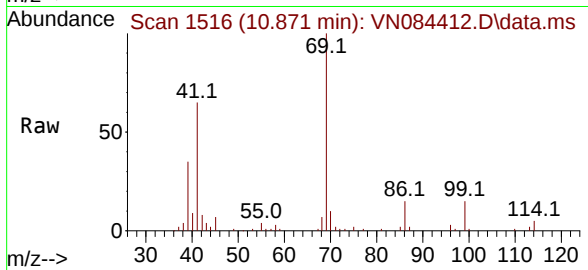
#51
Ethyl methacrylate
Concen: 18.965 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 69 Resp: 6485
Ion Ratio Lower Upper
69 100
41 64.5 30.9 92.7
39 34.4 16.6 49.7

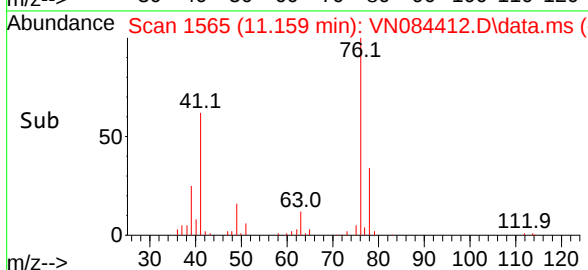
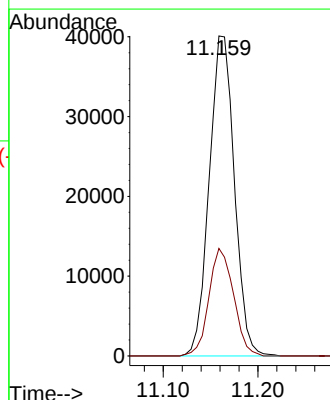
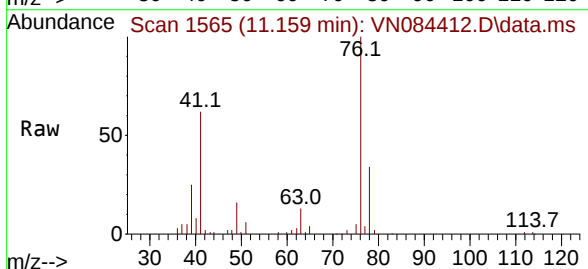
Manual Integrations
APPROVED

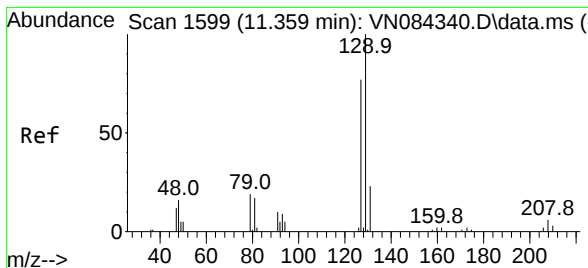
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#52
1,3-Dichloropropane
Concen: 20.466 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

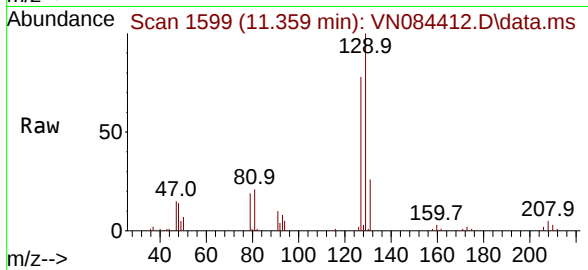
Tgt Ion: 76 Resp: 74091
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.2





#53
Dibromochloromethane
Concen: 20.537 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

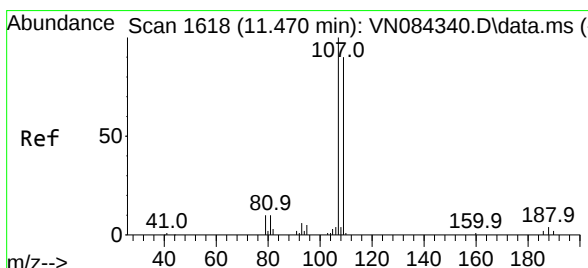
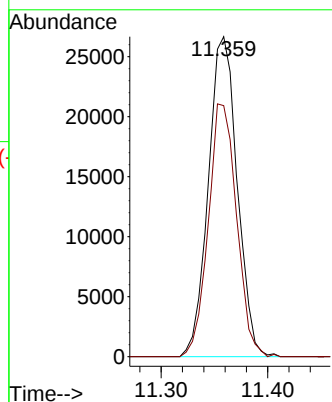
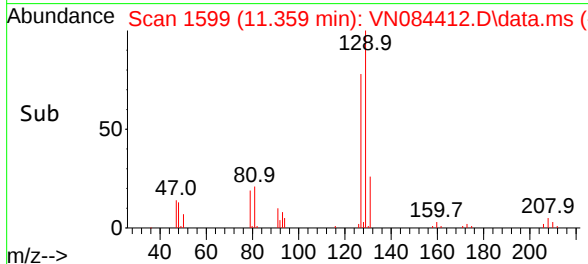
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



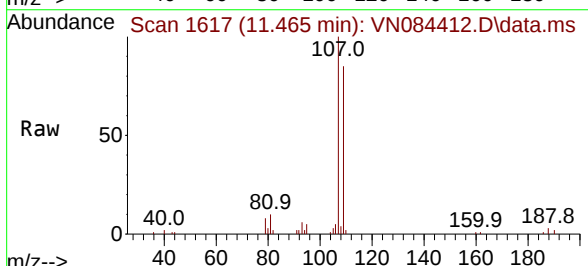
Tgt Ion:129 Resp: 50229
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

Manual Integrations
APPROVED

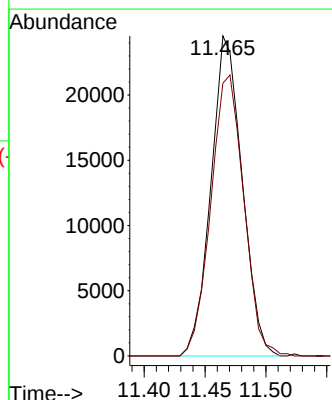
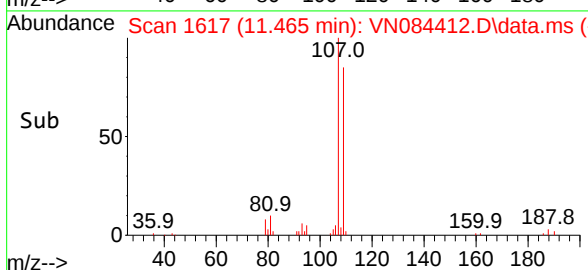
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

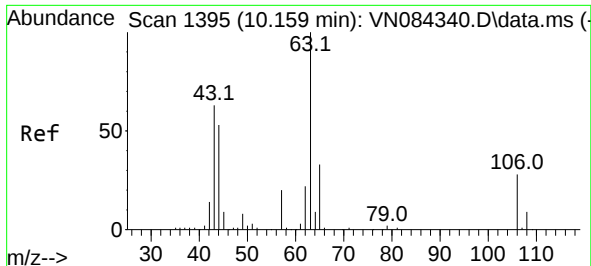


#54
1,2-Dibromoethane
Concen: 20.548 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



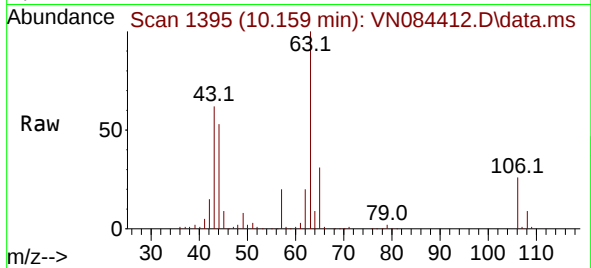
Tgt Ion:107 Resp: 43791
Ion Ratio Lower Upper
107 100
109 92.6 73.8 110.6





#55
2-Chloroethyl vinyl ether
Concen: 116.364 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

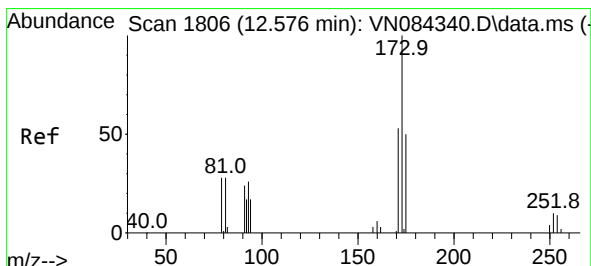
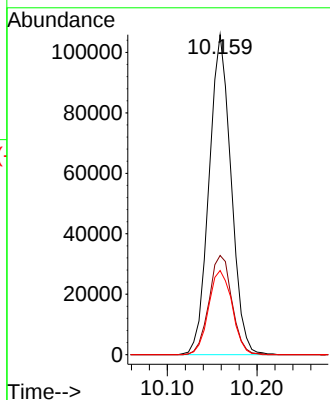
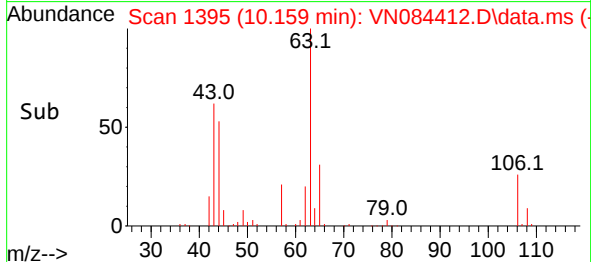
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 180488
Ion Ratio Lower Upper
63 100
65 32.3 25.6 38.4
106 28.1 21.6 32.4

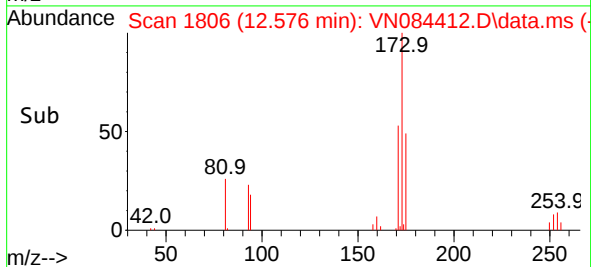
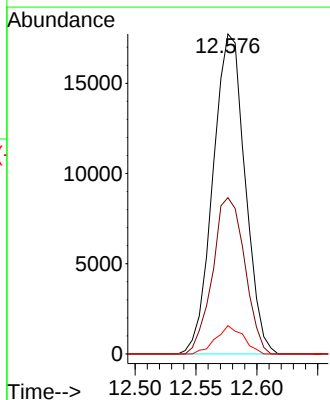
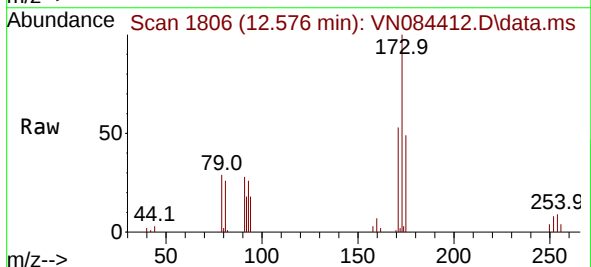
Manual Integrations
APPROVED

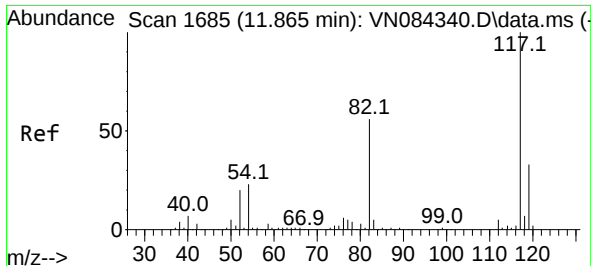
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#56
Bromoform
Concen: 20.024 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

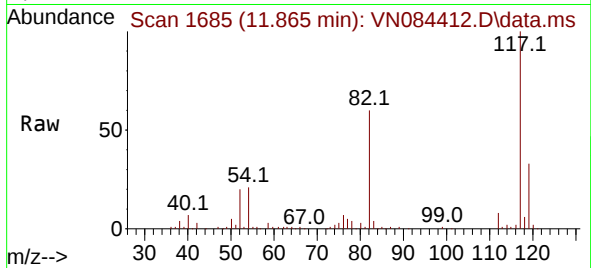
Tgt Ion:173 Resp: 32481
Ion Ratio Lower Upper
173 100
175 49.0 39.4 59.2
254 7.6 6.8 10.2





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

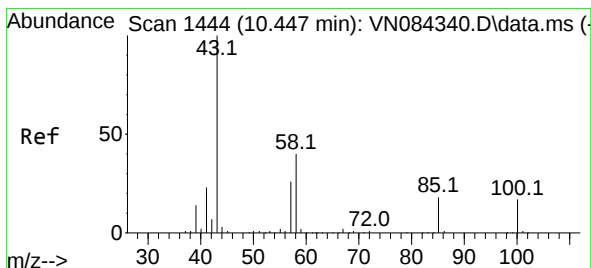
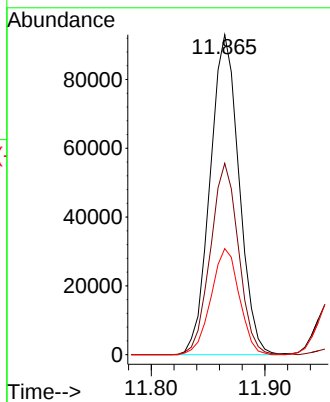
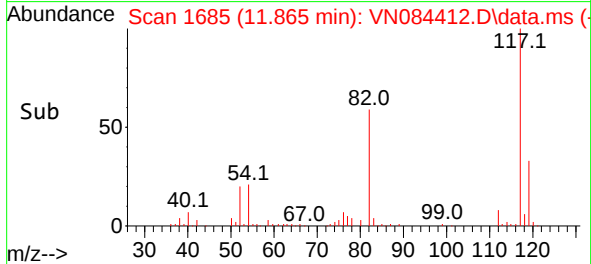
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:117 Resp: 164602
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.4
119 32.4 25.4 38.2

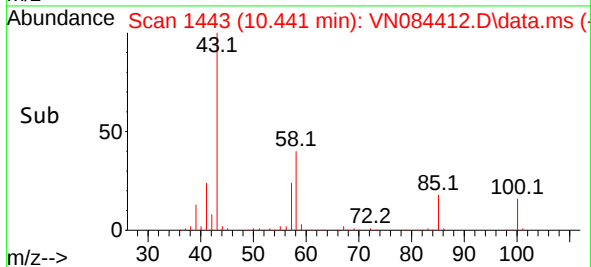
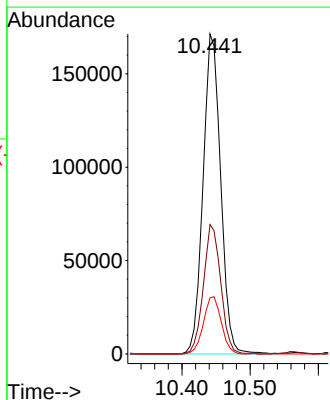
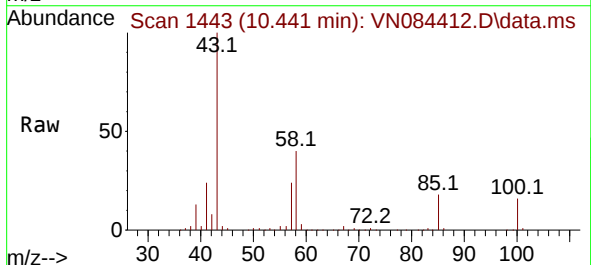
Manual Integrations
APPROVED

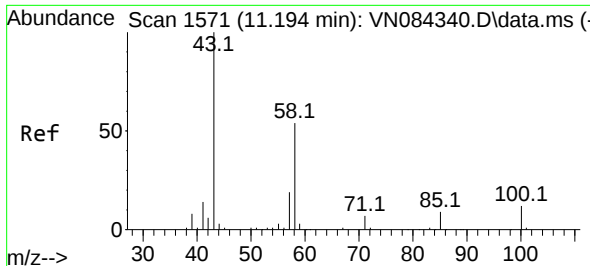
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#58
4-Methyl-2-Pentanone
Concen: 100.576 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

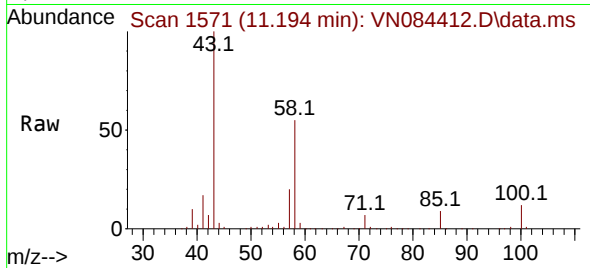
Tgt Ion: 43 Resp: 308394
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9
85 18.1 14.6 22.0





#59
2-Hexanone
Concen: 102.566 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

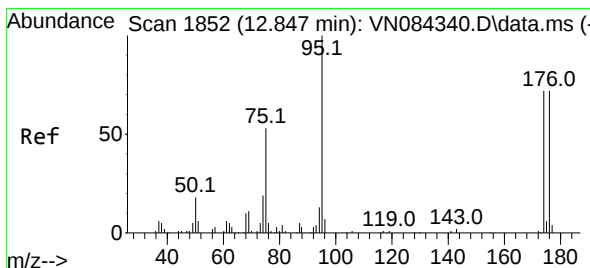
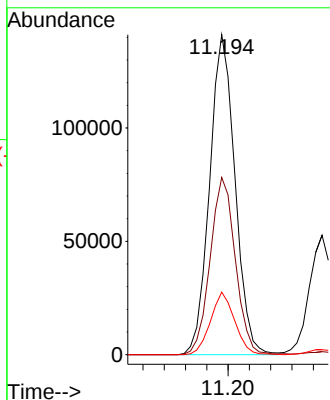
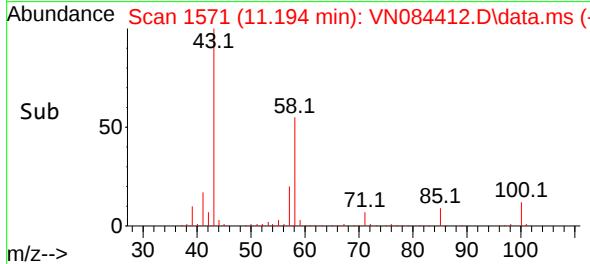
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



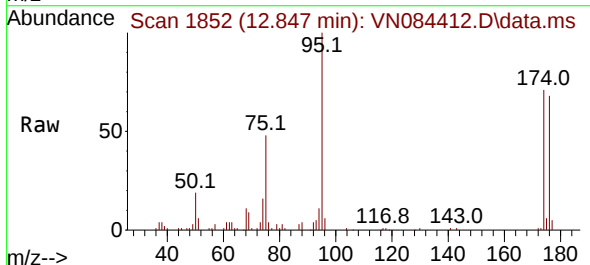
Tgt Ion: 43 Resp: 23369
Ion Ratio Lower Upper
43 100
58 54.8 44.0 66.0
57 18.7 15.4 23.2

Manual Integrations
APPROVED

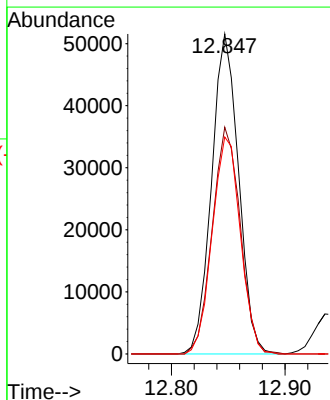
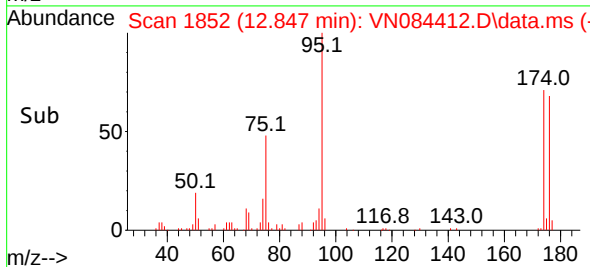
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

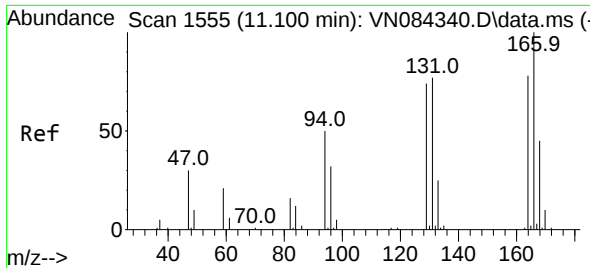


#60
4-Bromofluorobenzene
Concen: 31.325 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



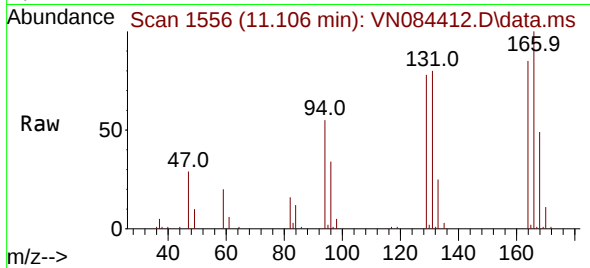
Tgt Ion: 95 Resp: 85097
Ion Ratio Lower Upper
95 100
174 73.2 58.2 87.2
176 70.7 56.4 84.6





#61
Tetrachloroethene
Concen: 21.688 ug/l
RT: 11.106 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

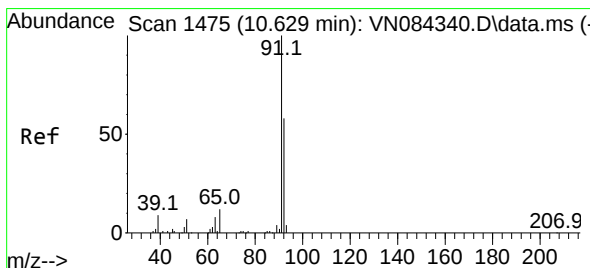
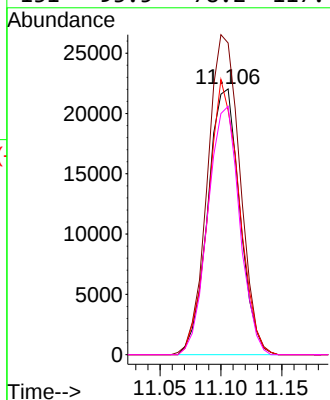
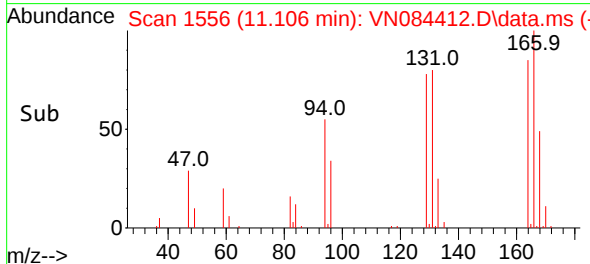
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



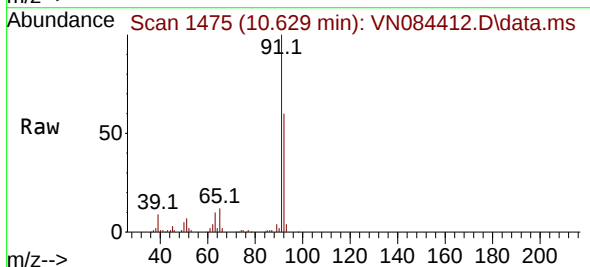
Tgt Ion:164 Resp: 4038
Ion Ratio Lower Upper
164 100
166 117.3 102.5 153.7
129 92.0 75.7 113.5
131 93.5 78.2 117.4

Manual Integrations
APPROVED

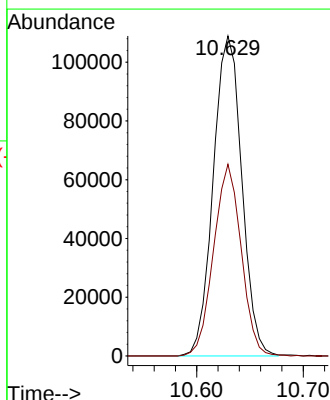
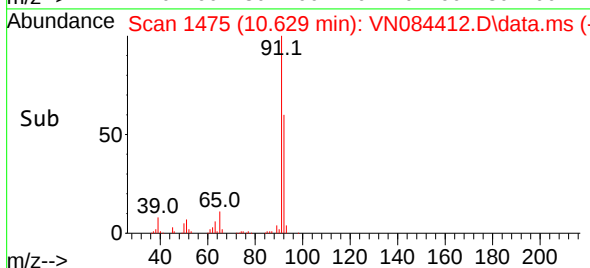
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

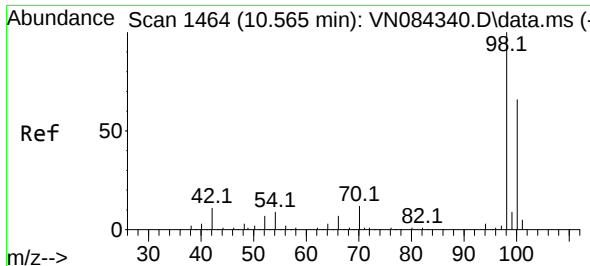


#62
Toluene
Concen: 21.044 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



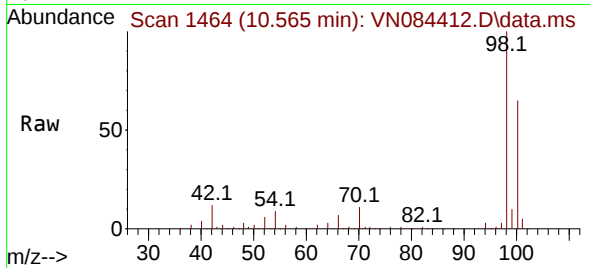
Tgt Ion: 91 Resp: 202786
Ion Ratio Lower Upper
91 100
92 57.8 47.2 70.8





#63
Toluene-d8
Concen: 31.305 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

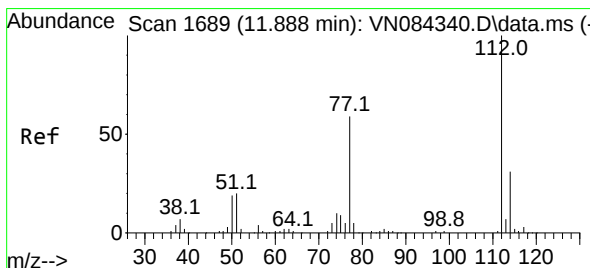
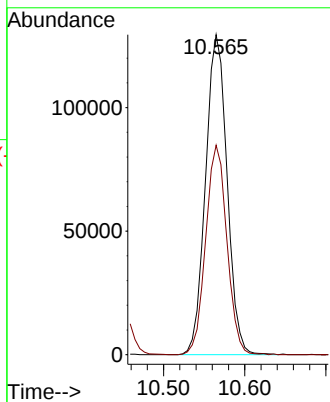
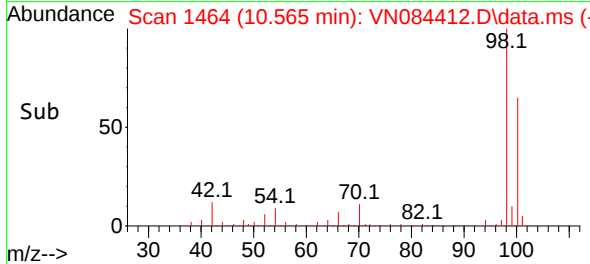
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



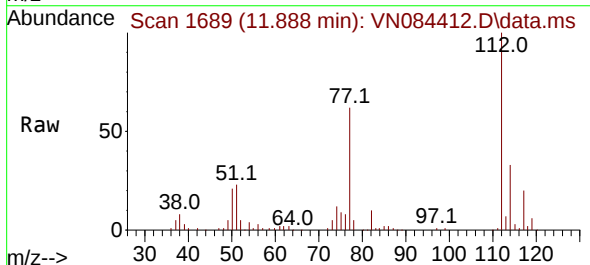
Tgt Ion: 98 Resp: 238715
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

Manual Integrations
APPROVED

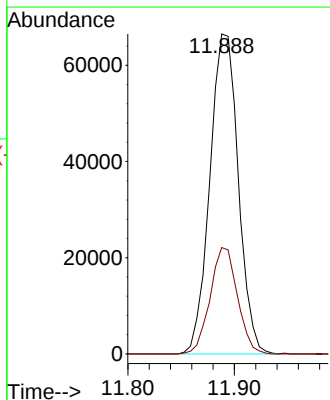
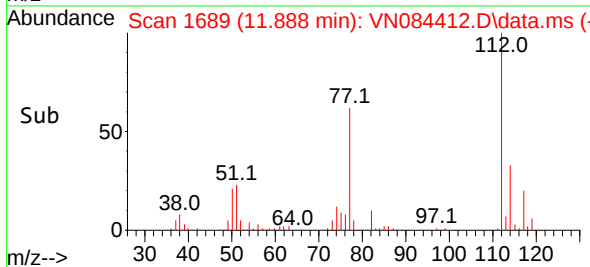
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

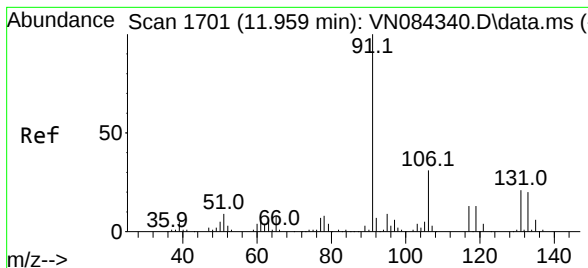


#64
Chlorobenzene
Concen: 20.570 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion:112 Resp: 123348
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7





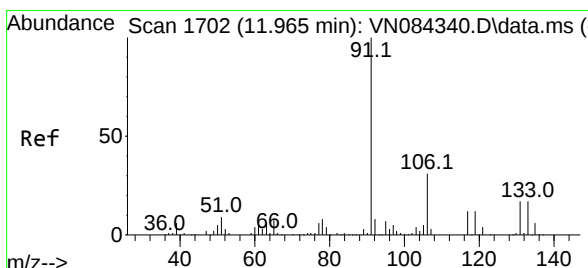
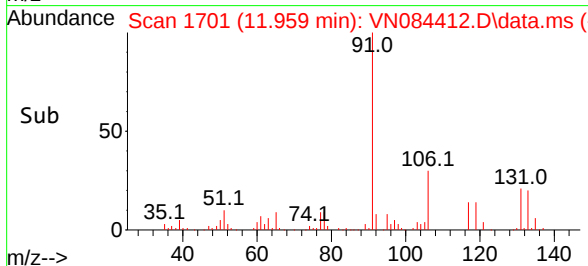
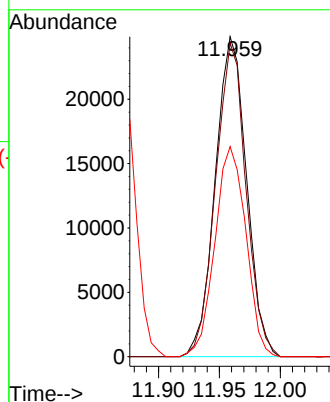
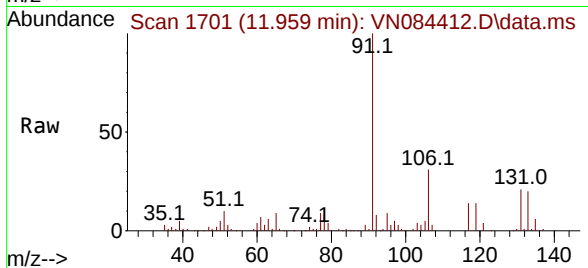
#65
1,1,1,2-Tetrachloroethane
Concen: 21.353 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 4448
Ion Ratio Lower Upper
131 100
133 95.3 0.0 190.4
119 65.1 0.0 130.0

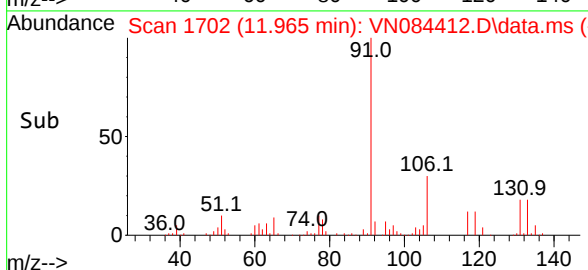
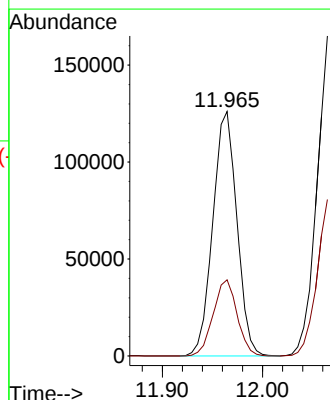
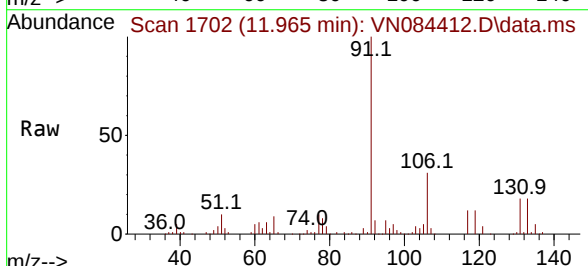
Manual Integrations
APPROVED

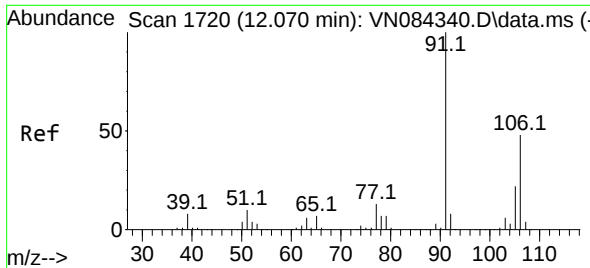
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#66
Ethyl Benzene
Concen: 20.112 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Tgt Ion: 91 Resp: 210552
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8





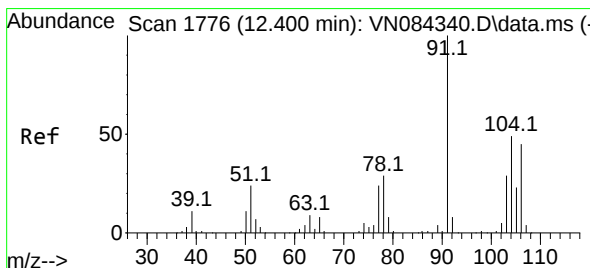
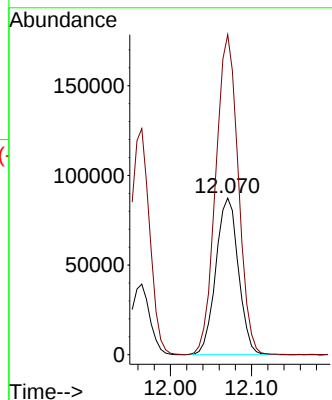
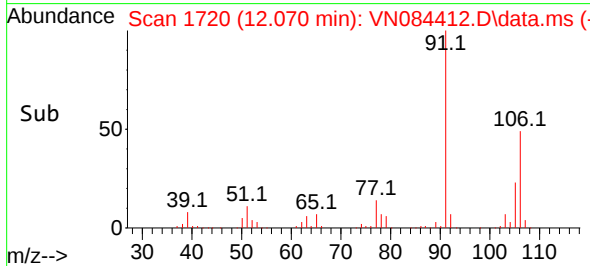
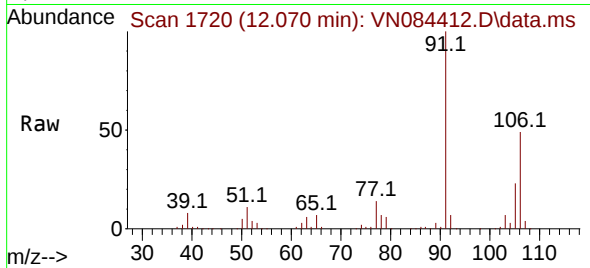
#67
m/p-Xylenes
Concen: 42.474 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 16868
Ion Ratio Lower Upper
106 100
91 204.6 166.7 250.1

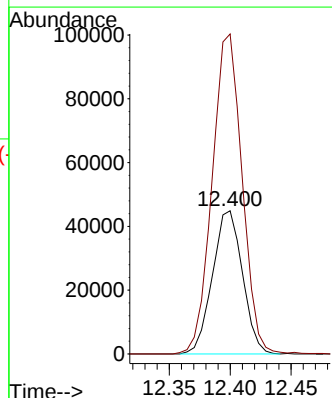
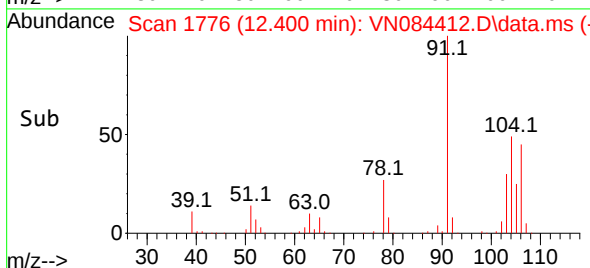
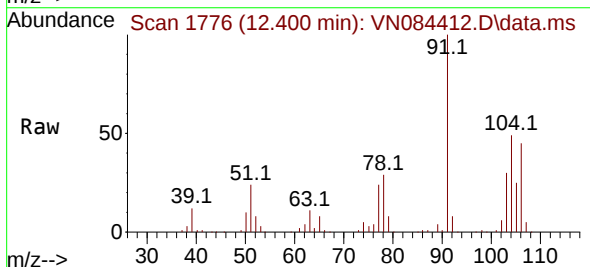
Manual Integrations
APPROVED

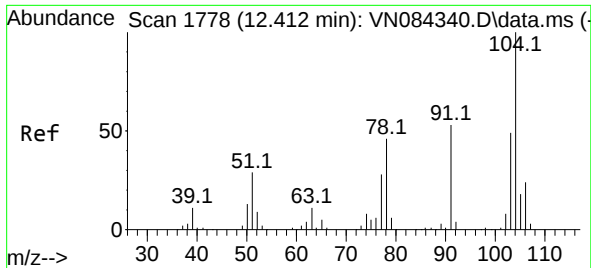
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#68
o-Xylene
Concen: 20.109 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

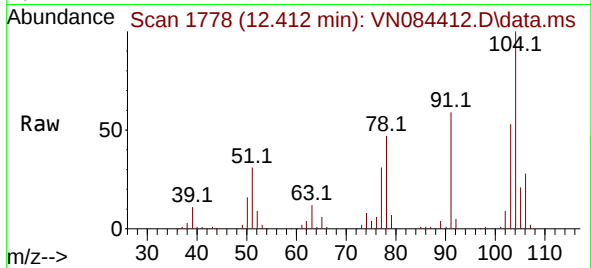
Tgt Ion:106 Resp: 76980
Ion Ratio Lower Upper
106 100
91 222.6 110.9 332.9





#69
Styrene
Concen: 20.207 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

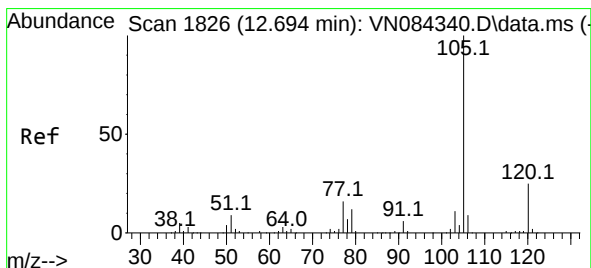
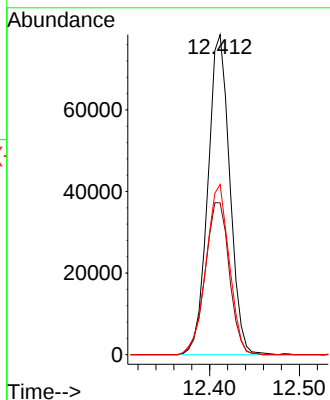
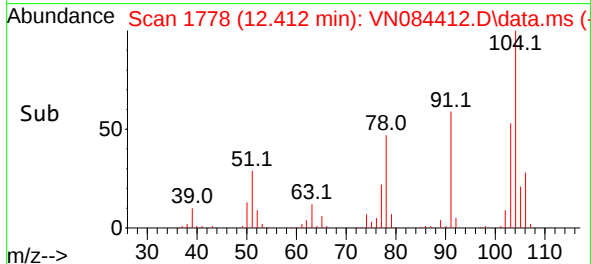
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



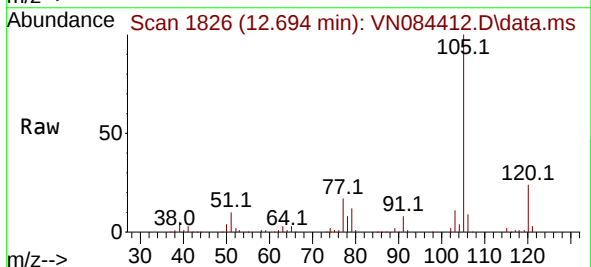
Tgt Ion:104 Resp: 132789
Ion Ratio Lower Upper
104 100
78 52.6 41.6 62.4
103 56.3 44.4 66.6

Manual Integrations
APPROVED

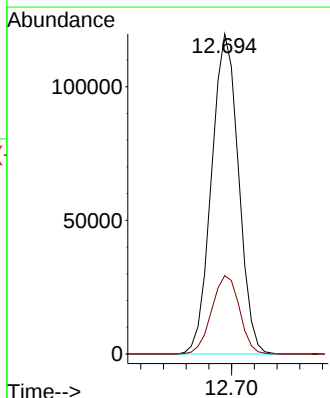
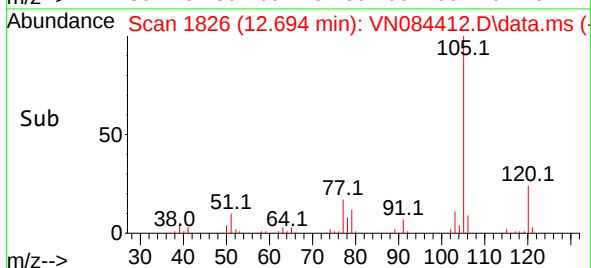
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

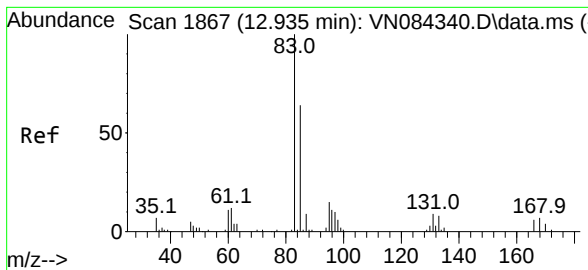


#70
Isopropylbenzene
Concen: 20.264 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



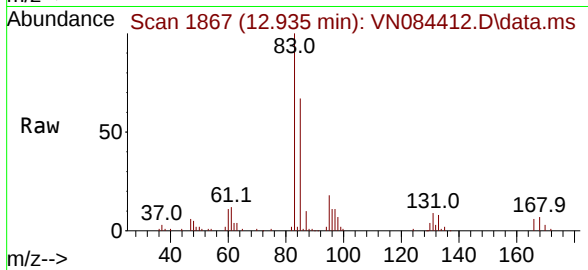
Tgt Ion:105 Resp: 198039
Ion Ratio Lower Upper
105 100
120 25.1 17.4 32.4





#71
1,1,2,2-Tetrachloroethane
Concen: 21.368 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

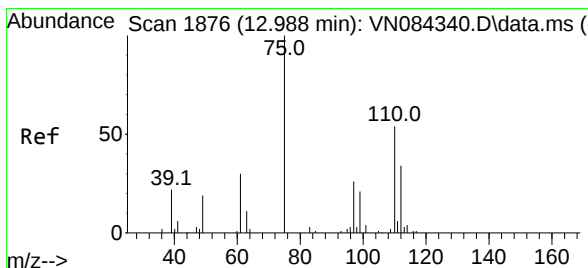
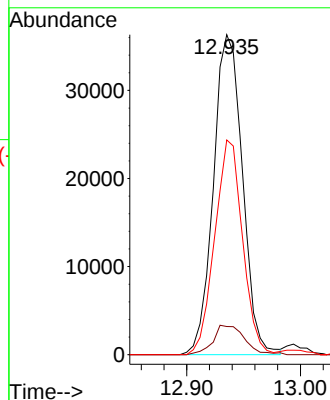
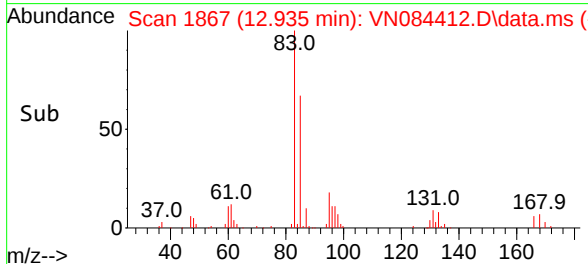
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



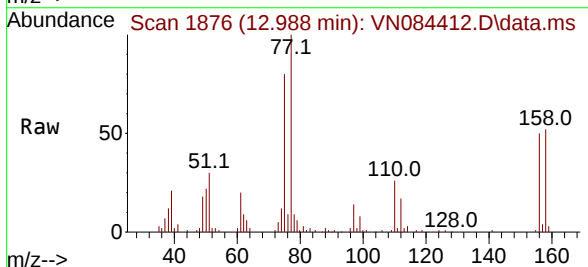
Tgt Ion: 83 Resp: 6460
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.3 32.0 96.2

Manual Integrations
APPROVED

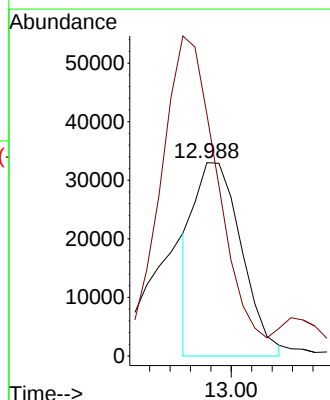
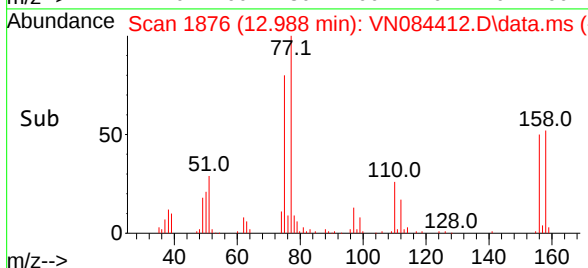
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

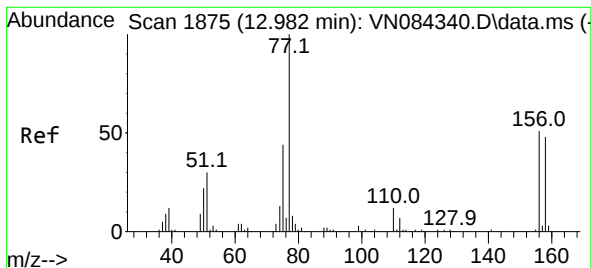


#72
1,2,3-Trichloropropane
Concen: 20.543 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion: 75 Resp: 53190
Ion Ratio Lower Upper
75 100
77 203.0 0.0 414.0





#73

Bromobenzene

Concen: 21.097 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

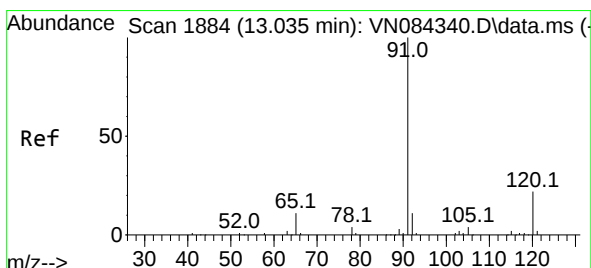
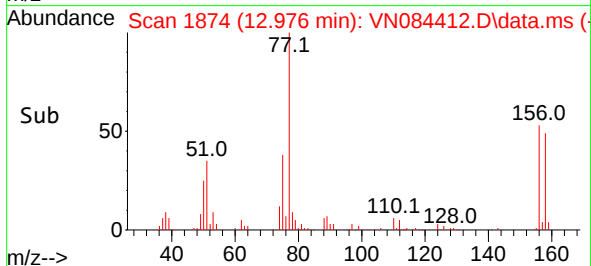
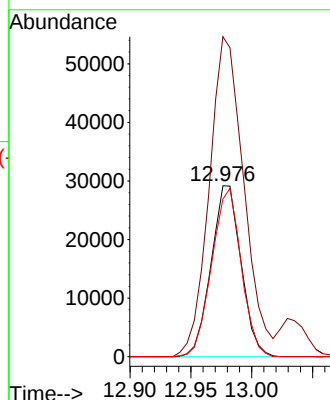
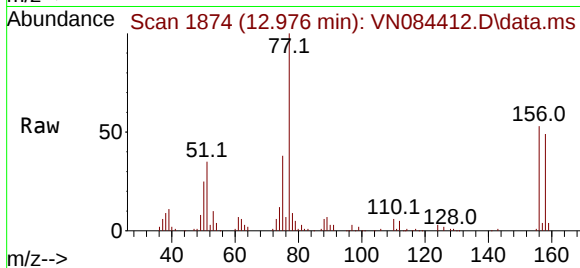
Tgt Ion:	156	Resp:	4993
Ion Ratio	Lower	Upper	
156	100		
77	216.2	0.0	451.0
158	96.9	0.0	194.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#74

n-propylbenzene

Concen: 20.932 ug/l

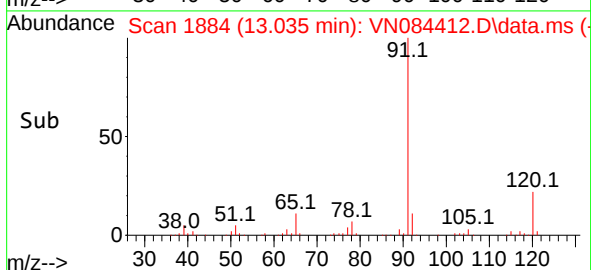
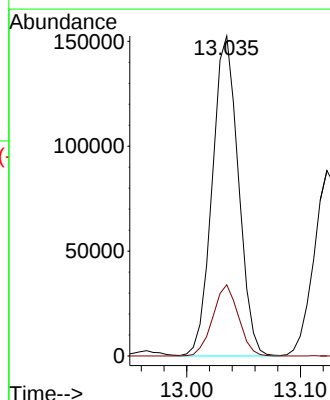
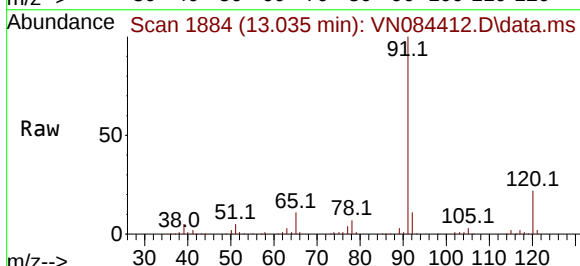
RT: 13.035 min Scan# 1884

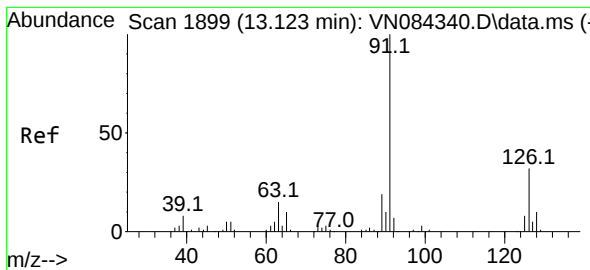
Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Tgt Ion:	91	Resp:	243774
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	43.2





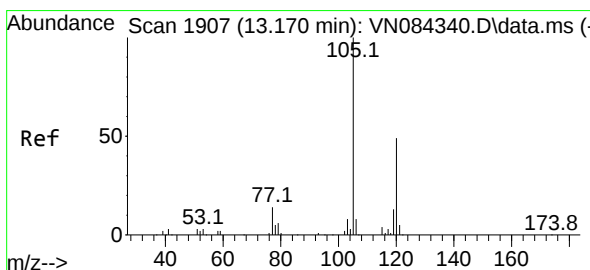
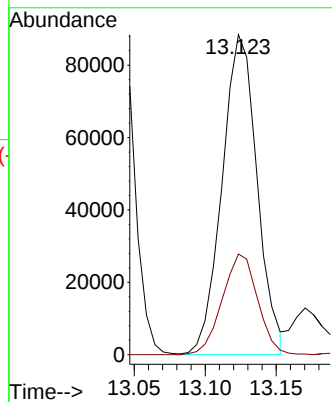
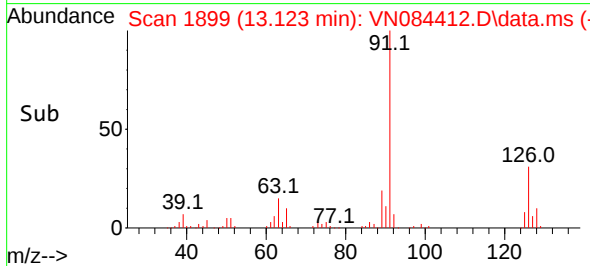
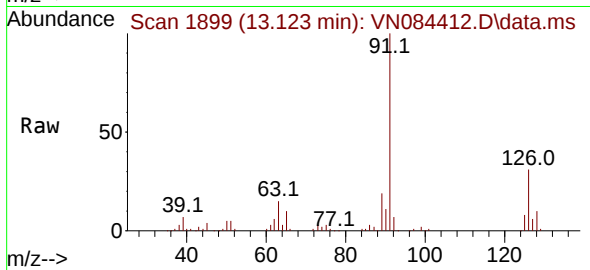
#75
2-Chlorotoluene
Concen: 20.996 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 15194
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.0

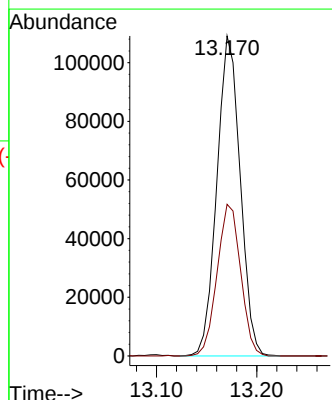
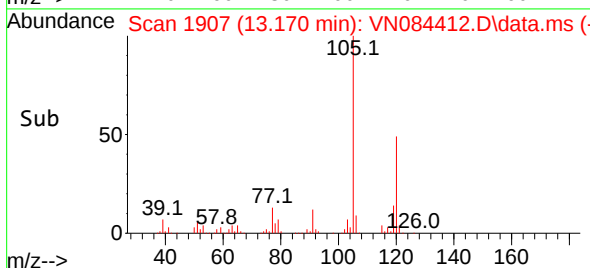
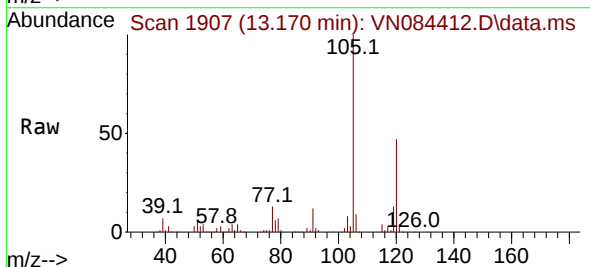
Manual Integrations
APPROVED

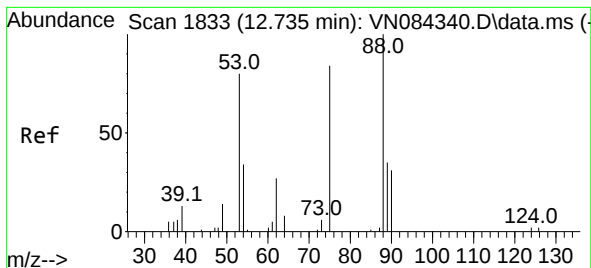
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#76
1,3,5-Trimethylbenzene
Concen: 21.391 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

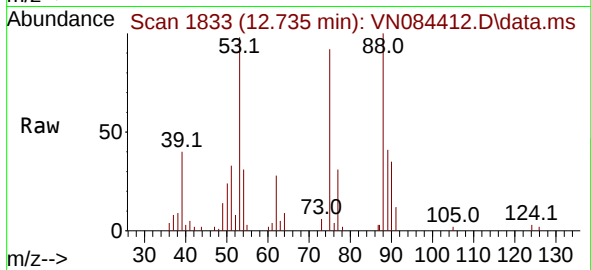
Tgt Ion:105 Resp: 176017
Ion Ratio Lower Upper
105 100
120 47.8 0.0 94.4





#77
t-1,4-Dichloro-2-butene
Concen: 19.255 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

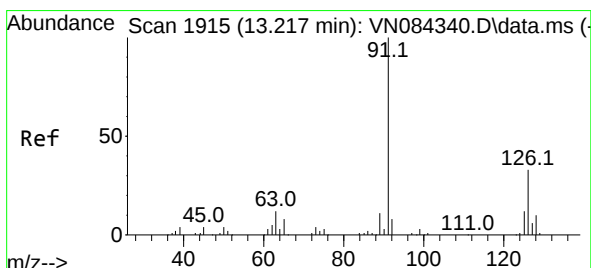
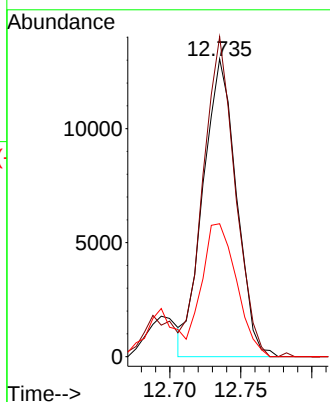
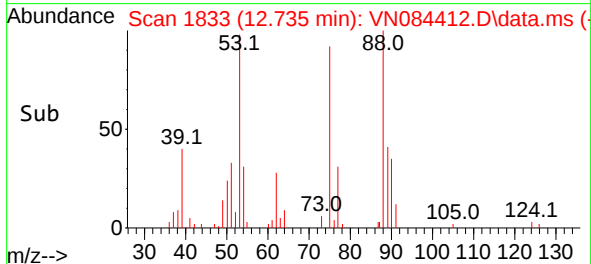
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 21304
Ion Ratio Lower Upper
75 100
53 107.5 47.3 142.0
89 44.7 22.9 68.8

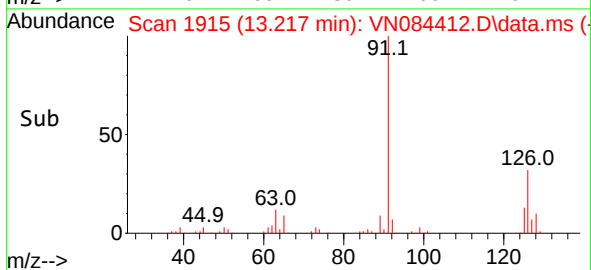
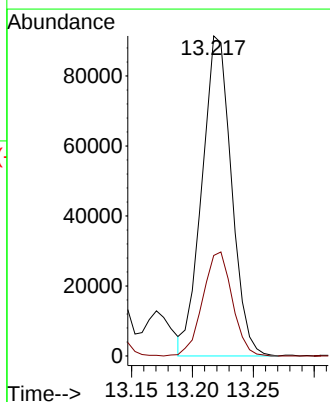
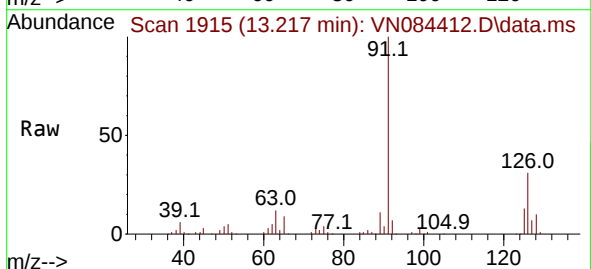
Manual Integrations
APPROVED

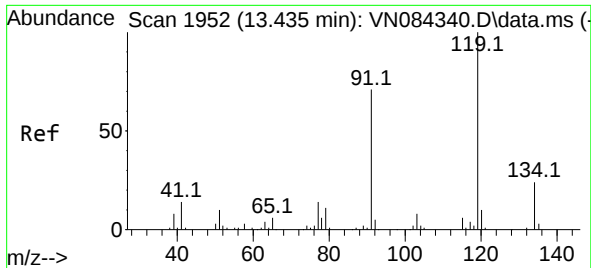
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#78
4-Chlorotoluene
Concen: 20.925 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

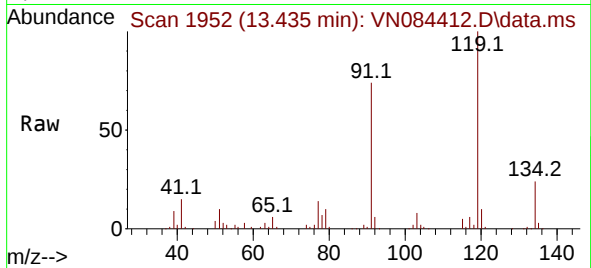
Tgt Ion: 91 Resp: 153953
Ion Ratio Lower Upper
91 100
126 32.4 0.0 62.4





#79
tert-butylbenzene
Concen: 20.418 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

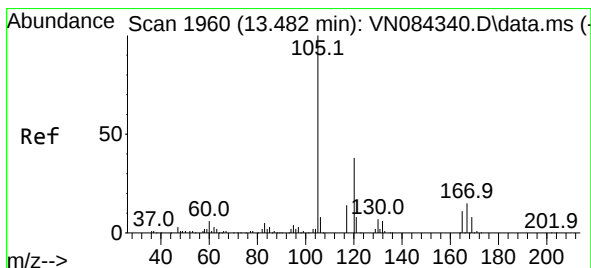
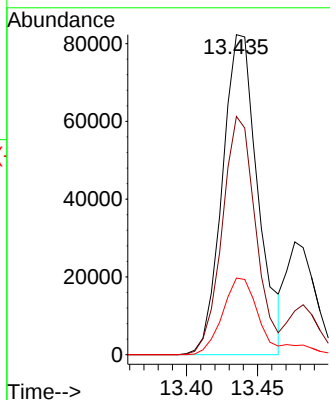
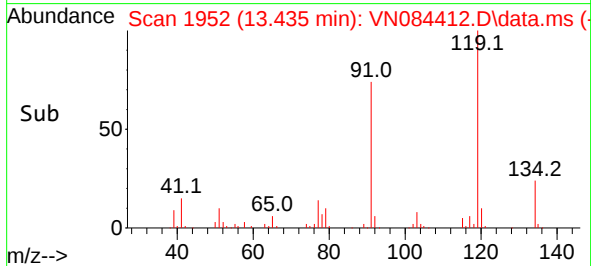
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



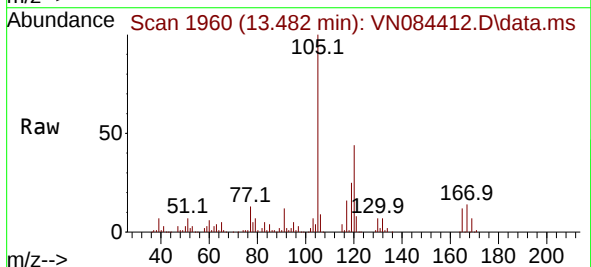
Tgt Ion:119 Resp: 143330
Ion Ratio Lower Upper
119 100
91 70.2 0.0 138.0
134 23.5 0.0 48.8

Manual Integrations
APPROVED

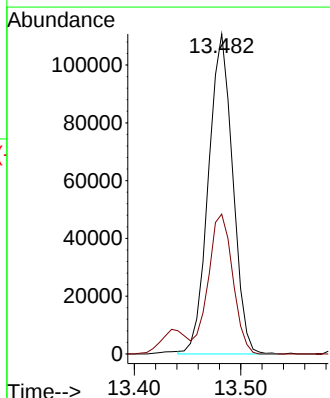
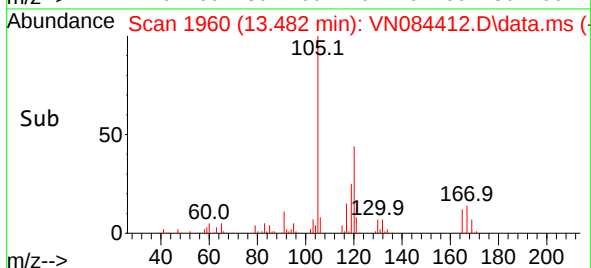
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

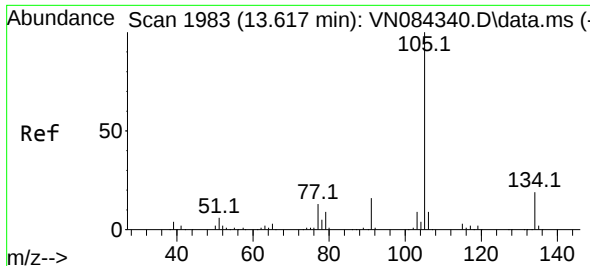


#80
1,2,4-Trimethylbenzene
Concen: 21.027 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion:105 Resp: 175553
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.8





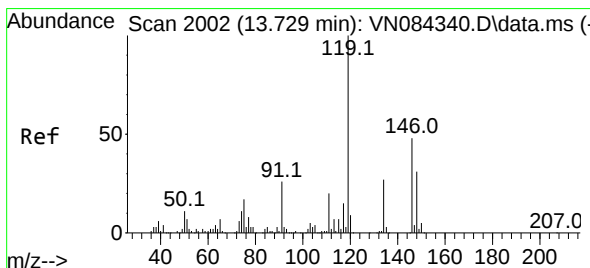
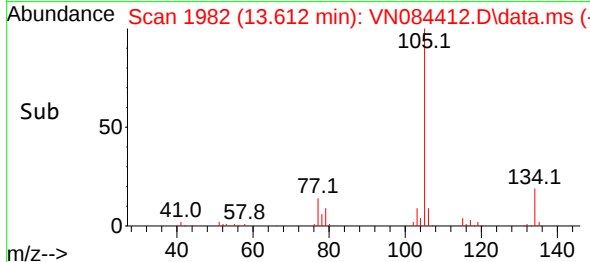
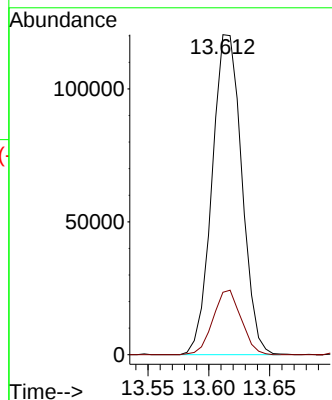
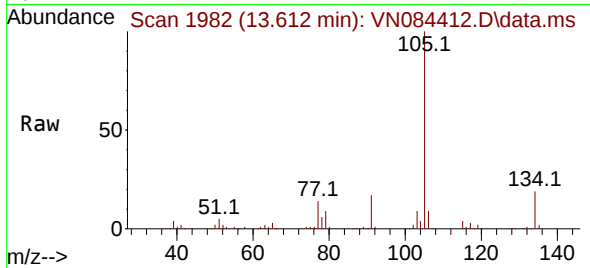
#81
 sec-Butylbenzene
 Concen: 21.151 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 20442
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0

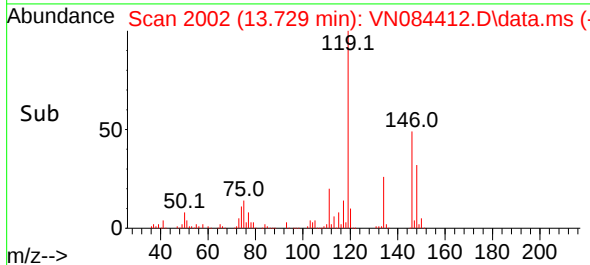
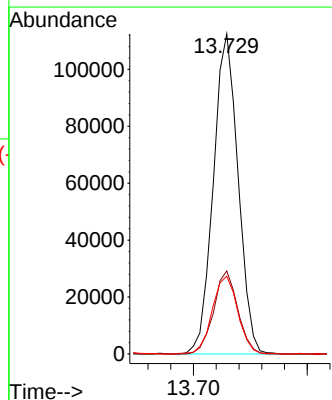
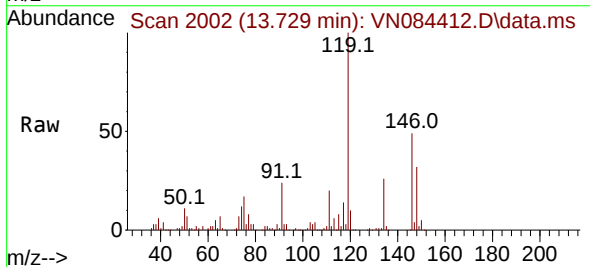
Manual Integrations
 APPROVED

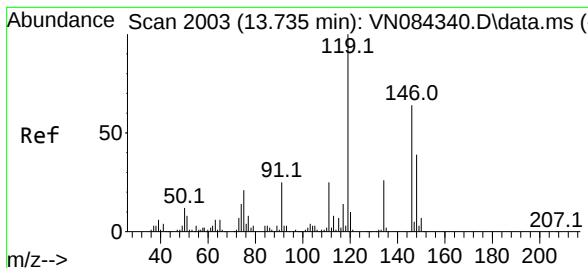
Reviewed By :John Carlone 10/16/2024
 Supervised By :Mahesh Dadoda 10/16/2024



#82
 p-Isopropyltoluene
 Concen: 20.900 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084412.D
 Acq: 15 Oct 2024 13:15

Tgt Ion:119 Resp: 170016
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 50.2
 91 25.1 0.0 50.6





#83

1,3-Dichlorobenzene

Concen: 21.403 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 94190

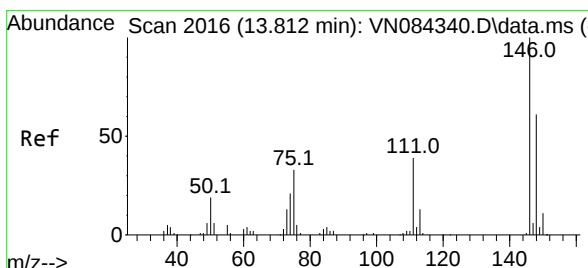
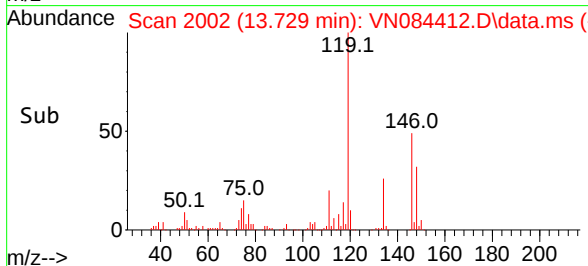
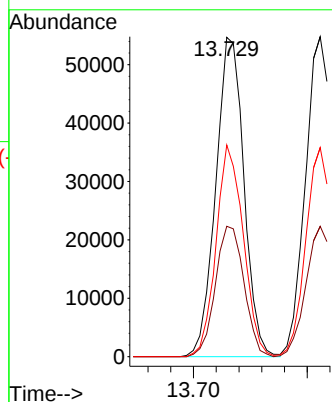
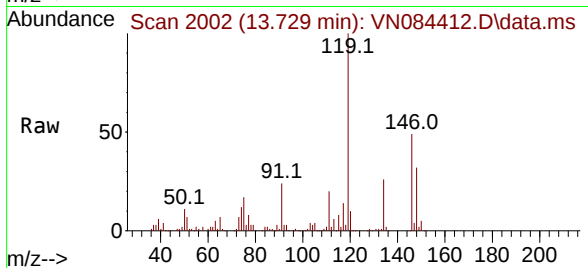
Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.6	61.9
148	63.9	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#84

1,4-Dichlorobenzene

Concen: 21.323 ug/l

RT: 13.812 min Scan# 2016

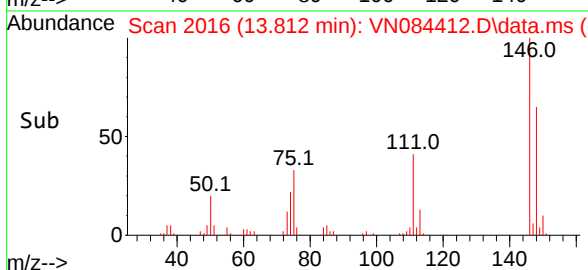
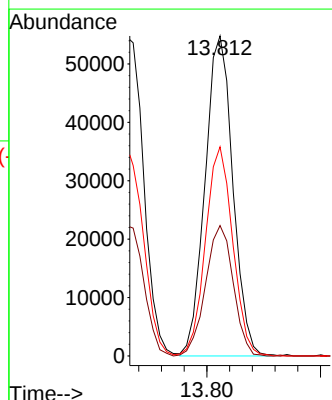
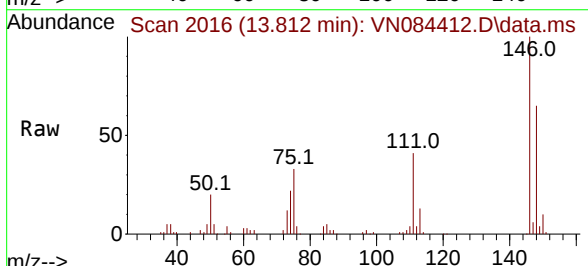
Delta R.T. -0.000 min

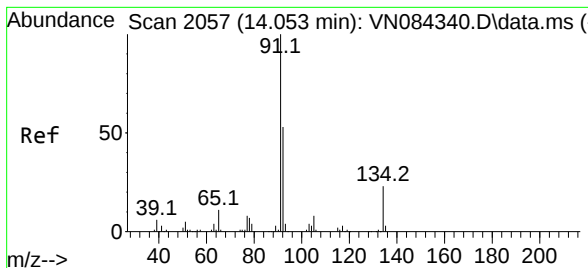
Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Tgt Ion:146 Resp: 93182

Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.5	61.5
148	64.1	32.5	97.4





#85

n-Butylbenzene

Concen: 20.176 ug/l

RT: 14.059 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

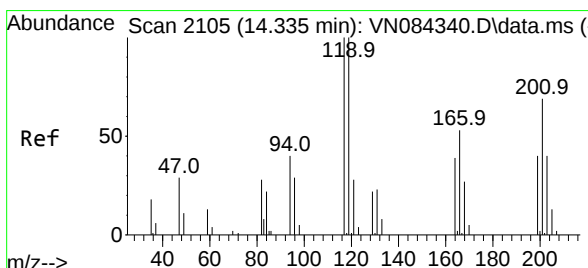
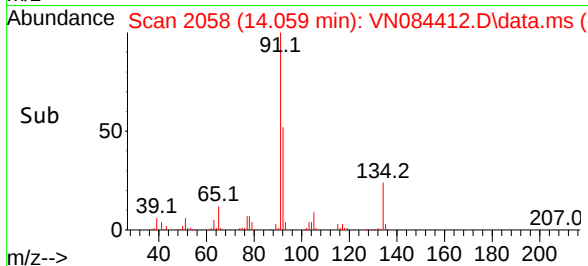
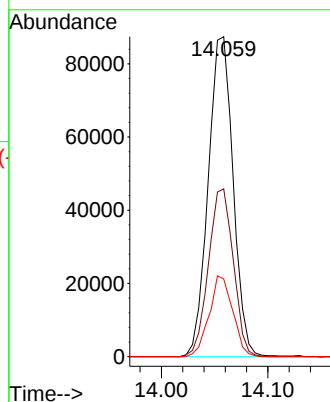
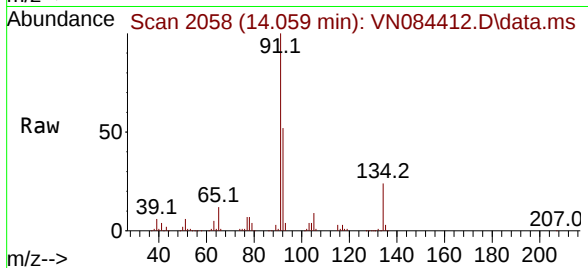
Tgt Ion: 91	Resp: 142154
Ion Ratio	Lower Upper
91 100	
92 52.3	0.0 103.4
134 23.8	0.0 48.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#86

Hexachloroethane

Concen: 20.716 ug/l

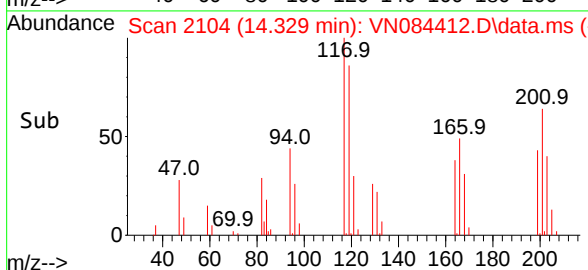
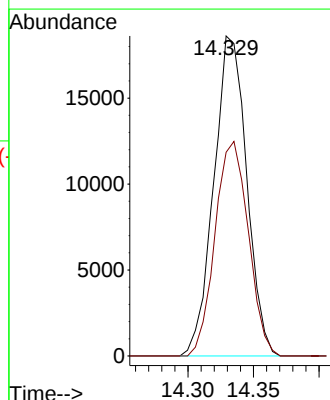
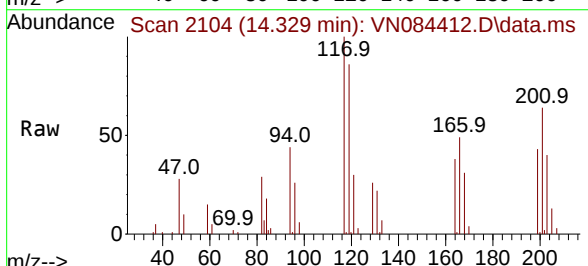
RT: 14.329 min Scan# 2104

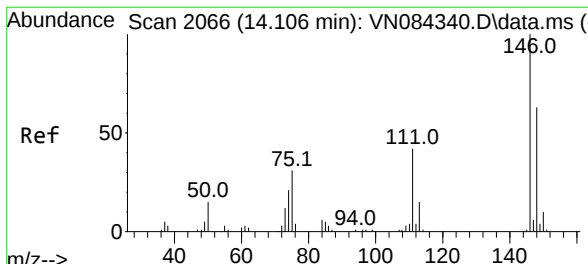
Delta R.T. -0.006 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

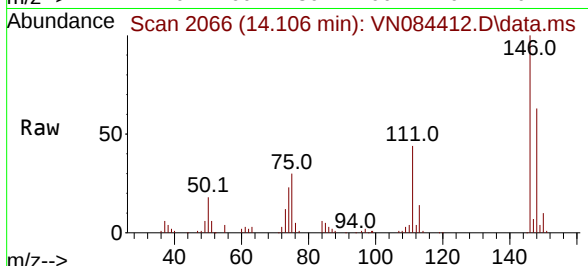
Tgt Ion:117	Resp: 32468
Ion Ratio	Lower Upper
117 100	
201 67.9	33.9 101.6





#87
1,2-Dichlorobenzene
Concen: 21.344 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

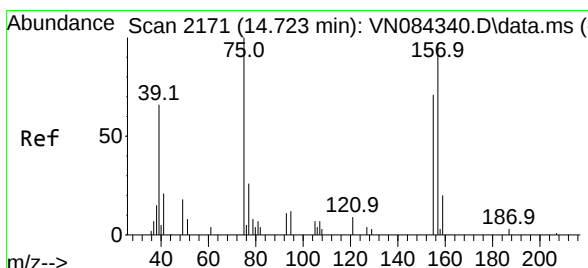
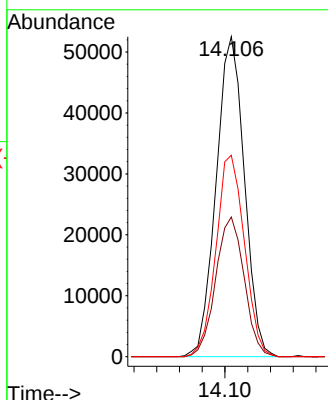
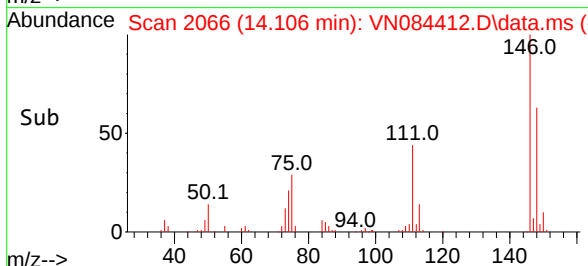
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



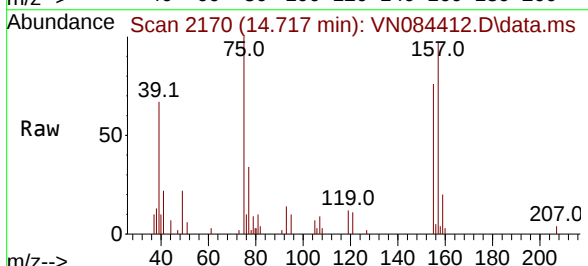
Tgt Ion:146 Resp: 90818
Ion Ratio Lower Upper
146 100
111 43.9 21.9 65.5
148 63.4 31.1 93.5

Manual Integrations
APPROVED

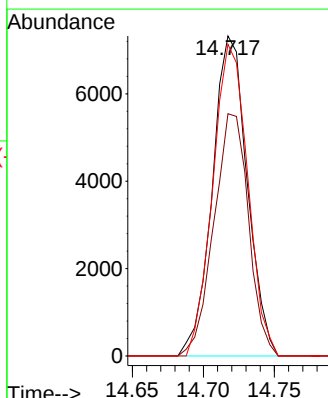
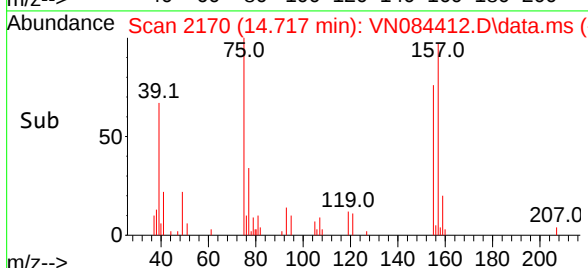
Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024

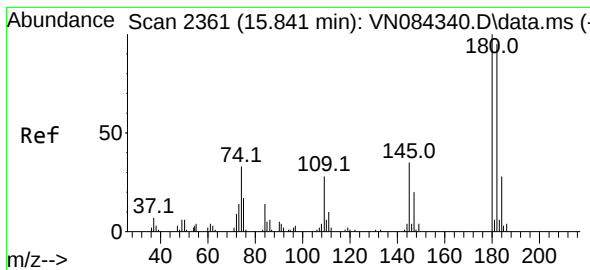


#88
1,2-Dibromo-3-Chloropropane
Concen: 20.225 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion: 75 Resp: 12504
Ion Ratio Lower Upper
75 100
155 75.2 61.8 92.8
157 97.4 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 20.047 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

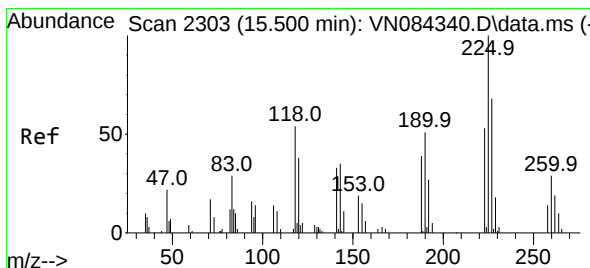
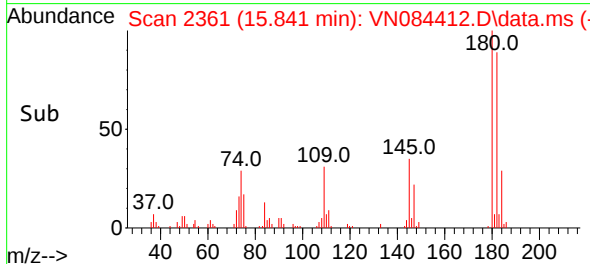
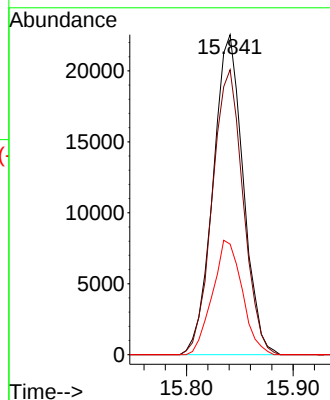
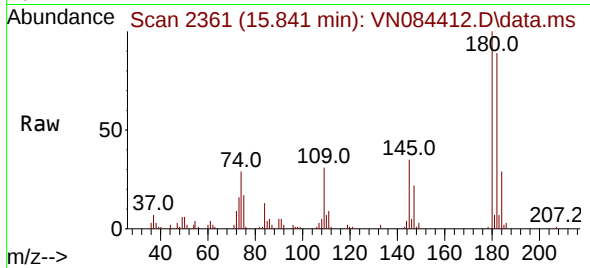
Tgt Ion:	180	Resp:	44350
Ion Ratio	Lower	Upper	
180	100		
182	90.9	77.8	116.6
145	35.2	28.9	43.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/16/2024

Supervised By :Mahesh Dadoda 10/16/2024



#90

Hexachlorobutadiene

Concen: 20.463 ug/l

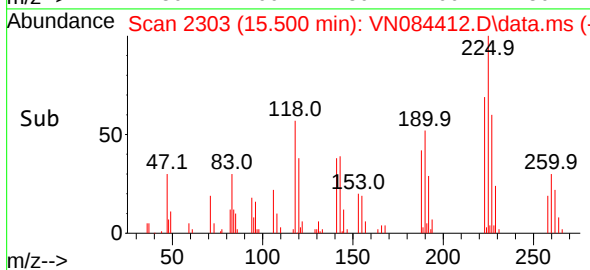
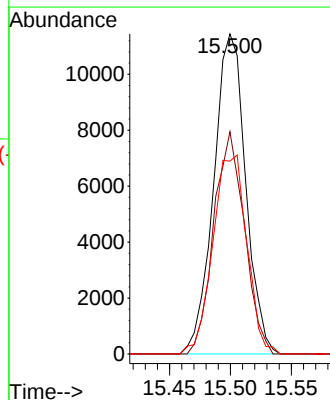
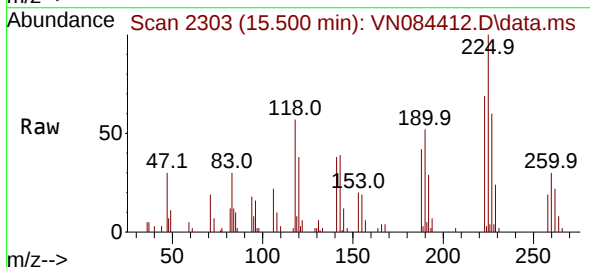
RT: 15.500 min Scan# 2303

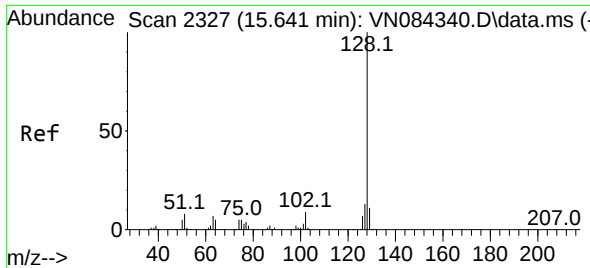
Delta R.T. -0.000 min

Lab File: VN084412.D

Acq: 15 Oct 2024 13:15

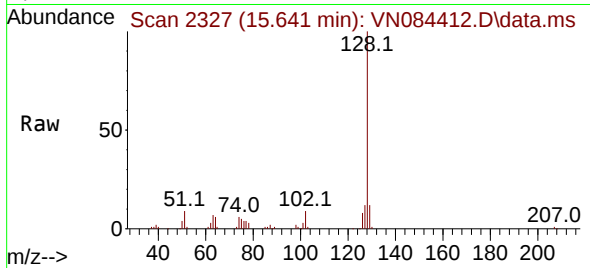
Tgt Ion:	225	Resp:	20943
Ion Ratio	Lower	Upper	
225	100		
223	66.7	0.0	124.0
227	66.0	0.0	130.8





#91
Naphthalene
Concen: 17.423 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15

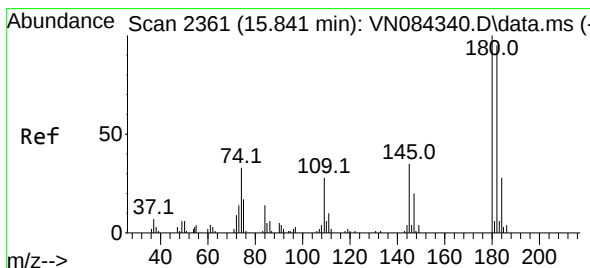
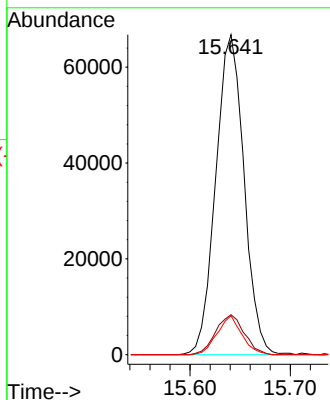
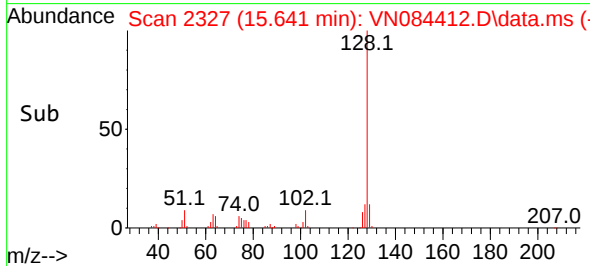
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



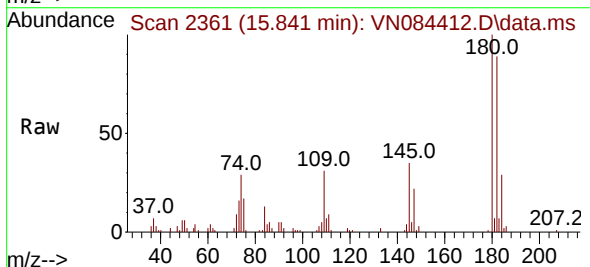
Tgt Ion:128 Resp: 13061
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/16/2024
Supervised By :Mahesh Dadoda 10/16/2024



#92
1,2,3-Trichlorobenzene
Concen: 20.047 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN084412.D
Acq: 15 Oct 2024 13:15



Tgt Ion:180 Resp: 44350
Ion Ratio Lower Upper
180 100
182 90.9 0.0 194.4
145 35.2 0.0 72.2

