

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084257.D
 Acq On : 02 Oct 2024 11:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 03 01:55:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	175011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137936	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	131907	50.834	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.660%
35) Dibromofluoromethane	8.165	113	102929	52.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.280%
50) Toluene-d8	10.565	98	391674	53.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.847	95	140949	53.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	97277	46.991	ug/l	94
3) Chloromethane	2.359	50	111841	47.316	ug/l	96
4) Vinyl Chloride	2.512	62	109898	47.999	ug/l	95
5) Bromomethane	2.953	94	68282	45.213	ug/l	100
6) Chloroethane	3.118	64	69839	42.591	ug/l	90
7) Trichlorofluoromethane	3.500	101	171070	47.982	ug/l	98
8) Diethyl Ether	3.959	74	59976	45.357	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	97517	47.735	ug/l	98
10) Methyl Iodide	4.589	142	126674	48.149	ug/l	96
11) Tert butyl alcohol	5.518	59	92139	215.343	ug/l	98
12) 1,1-Dichloroethene	4.336	96	94084	47.746	ug/l	95
13) Acrolein	4.177	56	113398	230.857	ug/l	99
14) Allyl chloride	5.018	41	147830	43.197	ug/l	99
15) Acrylonitrile	5.718	53	264927	245.190	ug/l	98
16) Acetone	4.430	43	232932	208.964	ug/l	99
17) Carbon Disulfide	4.718	76	276431	44.309	ug/l	99
18) Methyl Acetate	5.024	43	120633	49.652	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	319188	47.993	ug/l	99
20) Methylene Chloride	5.271	84	109727	48.424	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	100518	48.690	ug/l	97
22) Diisopropyl ether	6.671	45	354286	50.050	ug/l	99
23) Vinyl Acetate	6.600	43	1322252	251.846	ug/l	100
24) 1,1-Dichloroethane	6.571	63	194434	49.117	ug/l	97
25) 2-Butanone	7.482	43	350985	231.179	ug/l	98
26) 2,2-Dichloropropane	7.488	77	158191	44.321	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	120250	48.203	ug/l	99
28) Bromochloromethane	7.812	49	82405	46.656	ug/l	98
29) Tetrahydrofuran	7.841	42	233897	249.642	ug/l	100
30) Chloroform	7.965	83	203203	49.418	ug/l	98
31) Cyclohexane	8.259	56	168293	43.786	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	181620	49.180	ug/l	99
36) 1,1-Dichloropropene	8.371	75	143006	49.875	ug/l	99
37) Ethyl Acetate	7.559	43	146003	49.633	ug/l	99
38) Carbon Tetrachloride	8.359	117	158213	50.301	ug/l	95
39) Methylcyclohexane	9.600	83	155230	48.643	ug/l	98
40) Benzene	8.606	78	450456	50.423	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	80937	50.681	ug/l	99
42) 1,2-Dichloroethane	8.671	62	151010	49.861	ug/l	100
43) Isopropyl Acetate	8.688	43	238457	41.386	ug/l	98
44) Trichloroethene	9.353	130	102502	49.126	ug/l	97
45) 1,2-Dichloropropane	9.623	63	109674	51.896	ug/l	98
46) Dibromomethane	9.706	93	74429	52.188	ug/l	97
47) Bromodichloromethane	9.888	83	161057	50.831	ug/l #	97
48) Methyl methacrylate	9.676	41	116950	50.990	ug/l	99
49) 1,4-Dioxane	9.694	88	42115	997.382	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	732837	261.699	ug/l	100
52) Toluene	10.629	92	276604	50.774	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	163025	50.475	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	174911	50.348	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	102262	52.363	ug/l	97
56) Ethyl methacrylate	10.870	69	169005	52.592	ug/l	99
57) 1,3-Dichloropropane	11.159	76	177568	50.884	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	381588	255.976	ug/l	97
59) 2-Hexanone	11.194	43	538776	257.420	ug/l	100
60) Dibromochloromethane	11.359	129	120188	52.086	ug/l	98
61) 1,2-Dibromoethane	11.465	107	101779	50.155	ug/l	99
64) Tetrachloroethene	11.106	164	94266	49.793	ug/l	96
65) Chlorobenzene	11.888	112	292599	48.552	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	103102	49.669	ug/l	99
67) Ethyl Benzene	11.965	91	528007	49.542	ug/l	100
68) m/p-Xylenes	12.070	106	400187	101.509	ug/l	100
69) o-Xylene	12.394	106	191479	51.336	ug/l	99
70) Styrene	12.412	104	332043	52.557	ug/l	99
71) Bromoform	12.576	173	78417	51.312	ug/l #	96
73) Isopropylbenzene	12.694	105	490616	46.611	ug/l	99
74) N-amyl acetate	12.494	43	214874	45.081	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	146220	46.199	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	140050m	49.734	ug/l	
77) Bromobenzene	12.976	156	116512	45.890	ug/l	98
78) n-propylbenzene	13.035	91	591639	48.514	ug/l	100
79) 2-Chlorotoluene	13.123	91	359553	46.204	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	426058	49.622	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51851	44.144	ug/l	99
82) 4-Chlorotoluene	13.223	91	368263	47.010	ug/l	99
83) tert-Butylbenzene	13.435	119	353380	46.307	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	431054	49.836	ug/l	99
85) sec-Butylbenzene	13.617	105	491489	48.264	ug/l	100
86) p-Isopropyltoluene	13.729	119	412591	48.997	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	219979	46.185	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	217816	45.284	ug/l	99
89) n-Butylbenzene	14.053	91	355649	46.578	ug/l	99
90) Hexachloroethane	14.329	117	77524	45.355	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	211001	45.178	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27862	42.659	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	103720	45.088	ug/l	100
94) Hexachlorobutadiene	15.500	225	44475	38.768	ug/l	99
95) Naphthalene	15.641	128	330396	43.323	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	101329	44.004	ug/l	98

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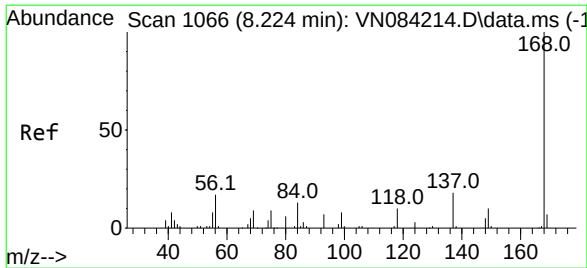
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 03 01:55:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration

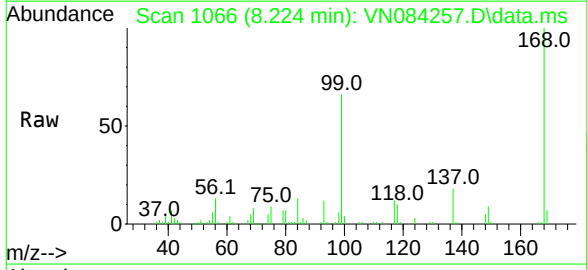
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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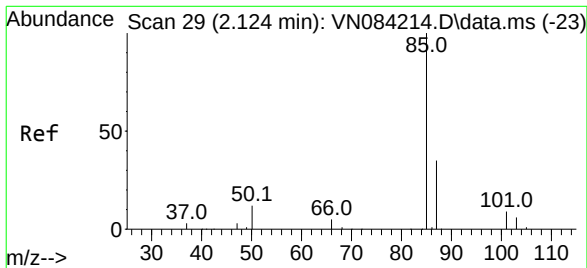
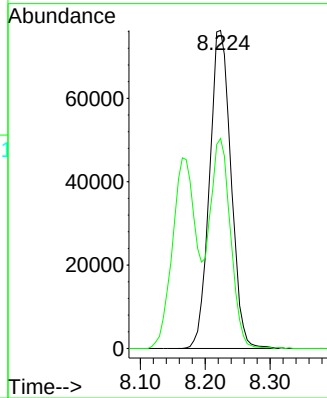
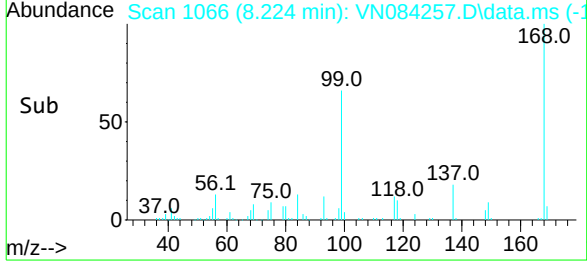
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 175011
Ion Ratio Lower Upper
168 100
99 65.7 54.2 81.2

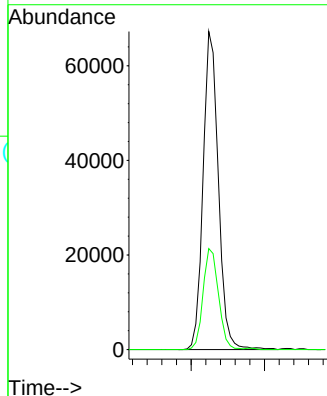
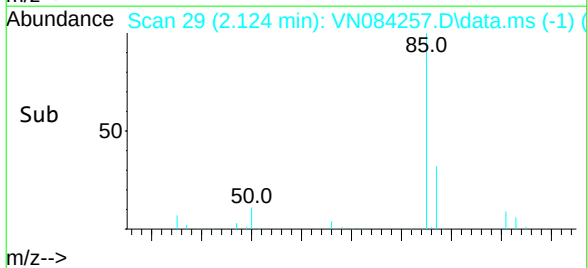
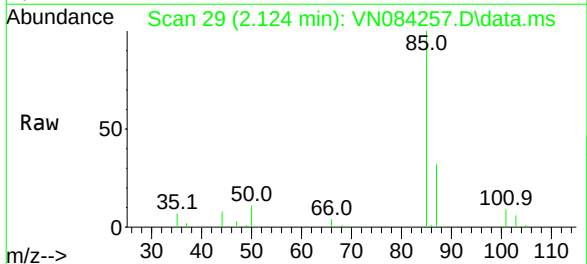
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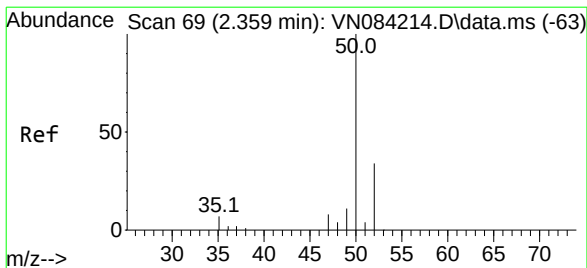
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#2
Dichlorodifluoromethane
Concen: 46.991 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

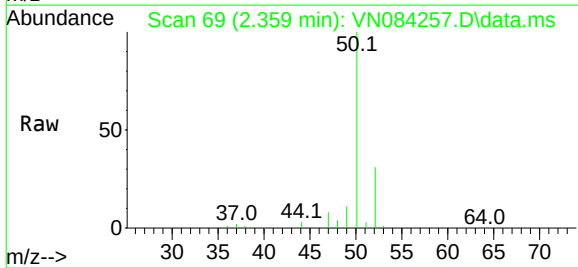
Tgt Ion: 85 Resp: 97277
Ion Ratio Lower Upper
85 100
87 31.8 17.6 52.9





#3
Chloromethane
Concen: 47.316 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

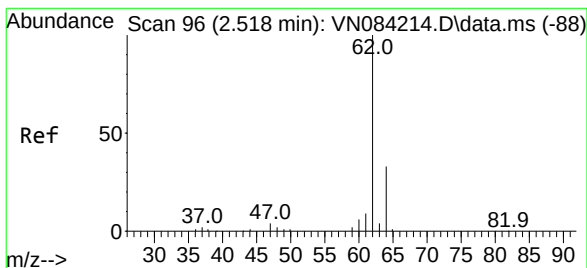
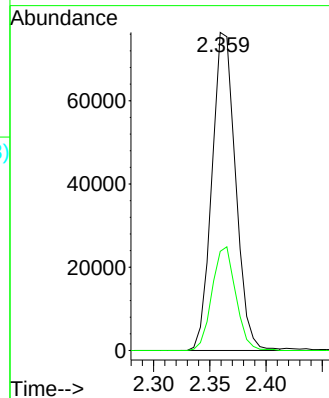
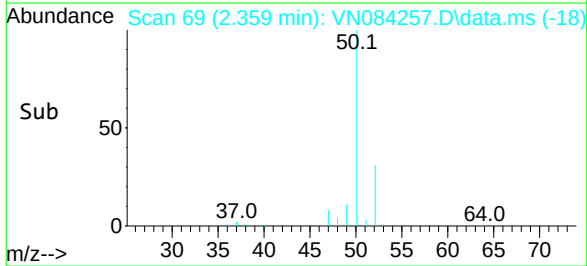
Instrument :
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Tgt Ion: 50 Resp: 111841
Ion Ratio Lower Upper
50 100
52 31.2 26.8 40.2

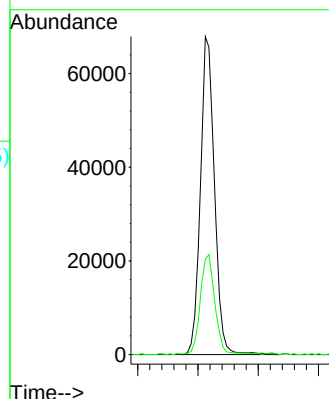
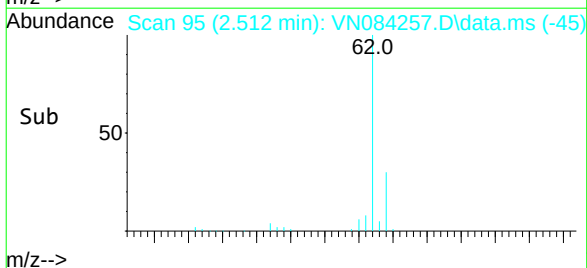
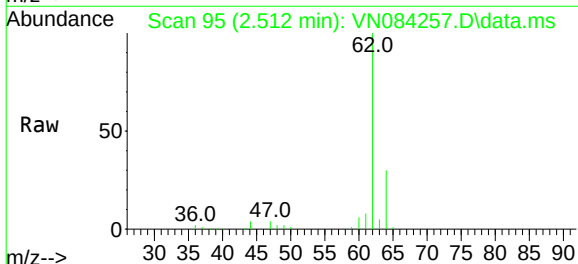
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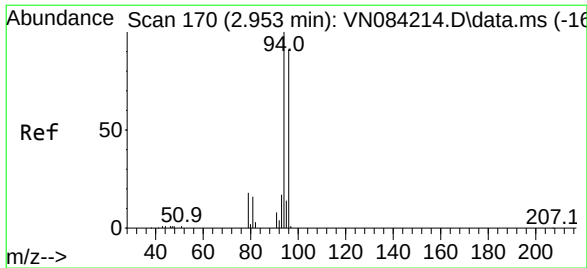
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#4
Vinyl Chloride
Concen: 47.999 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 62 Resp: 109898
Ion Ratio Lower Upper
62 100
64 30.0 26.2 39.4





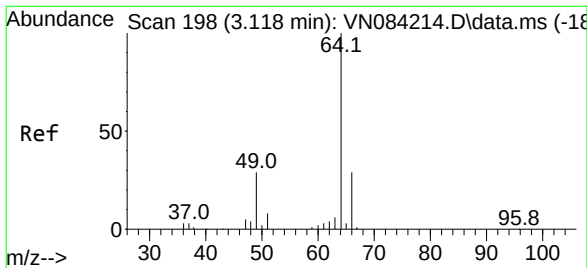
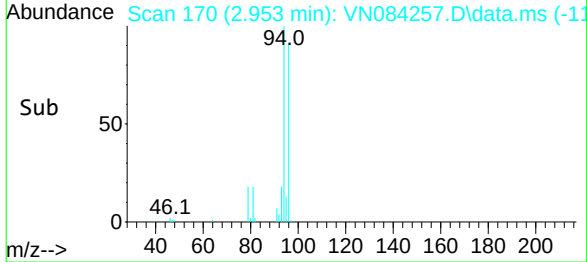
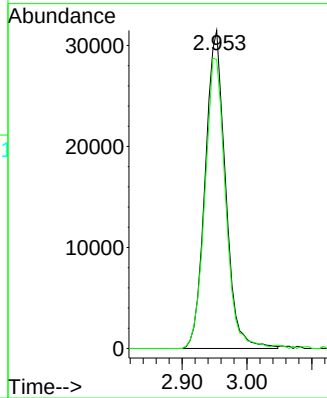
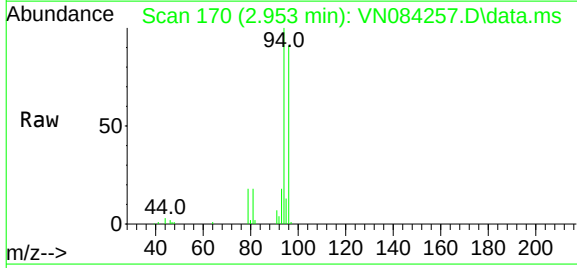
#5
Bromomethane
Concen: 45.213 ug/l
RT: 2.953 min Scan# 170
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
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Tgt Ion: 94 Resp: 68282
Ion Ratio Lower Upper
94 100
96 90.9 72.9 109.3

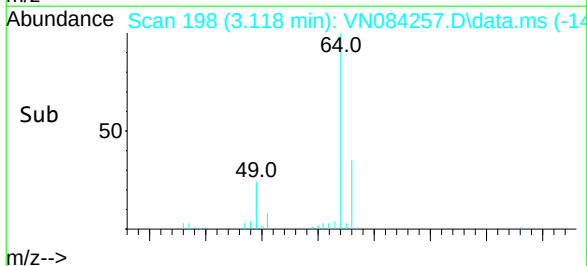
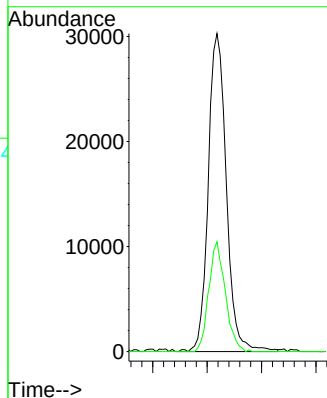
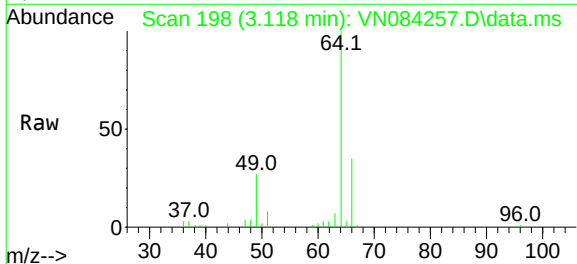
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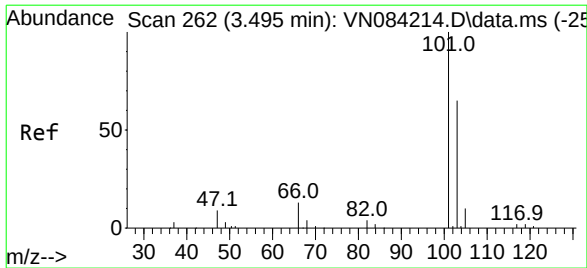
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#6
Chloroethane
Concen: 42.591 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

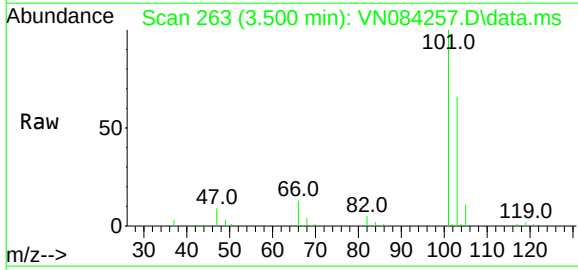
Tgt Ion: 64 Resp: 69839
Ion Ratio Lower Upper
64 100
66 34.5 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 47.982 ug/l
 RT: 3.500 min Scan# 262
 Delta R.T. 0.006 min
 Lab File: VN084257.D
 Acq: 02 Oct 2024 11:15

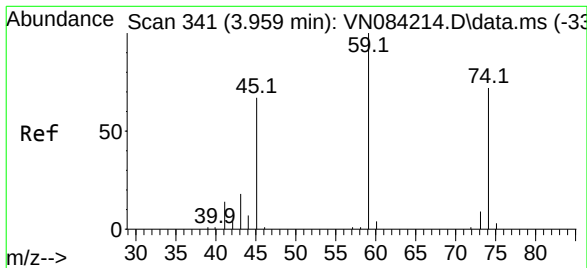
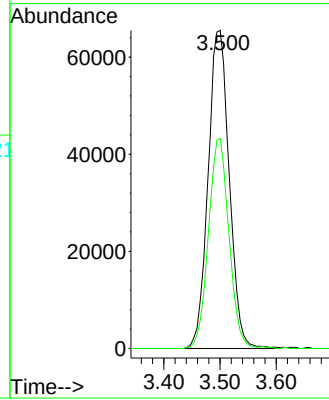
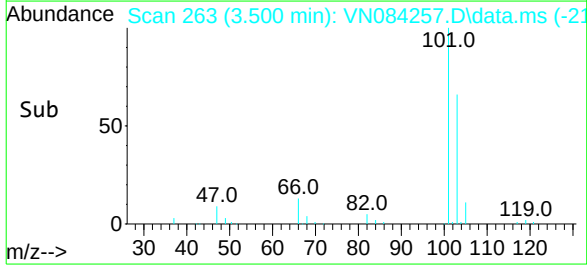
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 101 Resp: 171076
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6

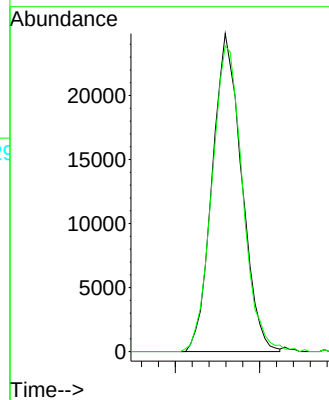
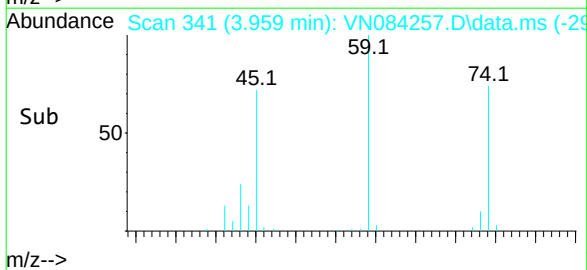
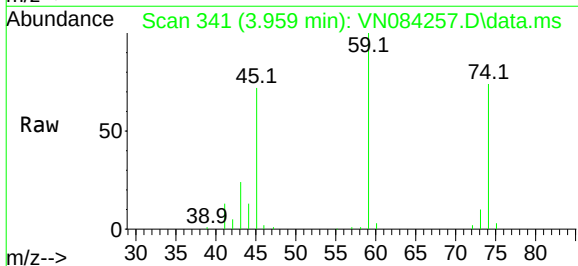
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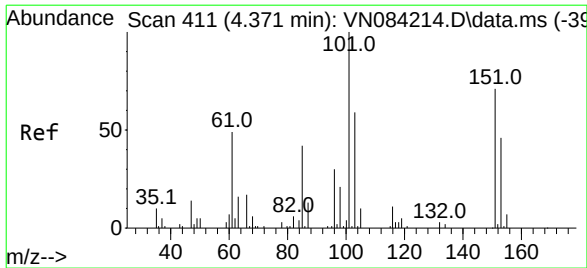
Reviewed By : John Carlone 10/03/2024
 Supervised By : Semsettin Yesilyurt 10/03/2024



#8
 Diethyl Ether
 Concen: 45.357 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN084257.D
 Acq: 02 Oct 2024 11:15

Tgt Ion: 74 Resp: 59976
 Ion Ratio Lower Upper
 74 100
 45 100.4 47.7 143.1





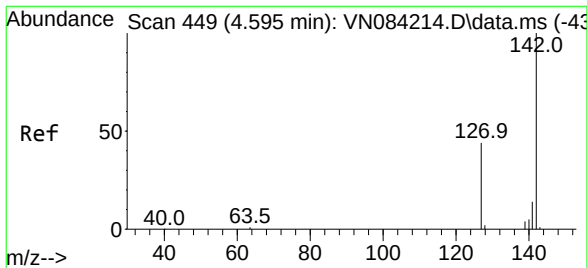
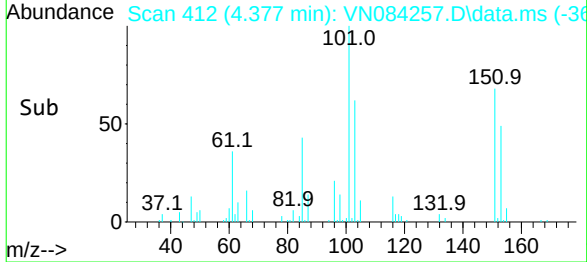
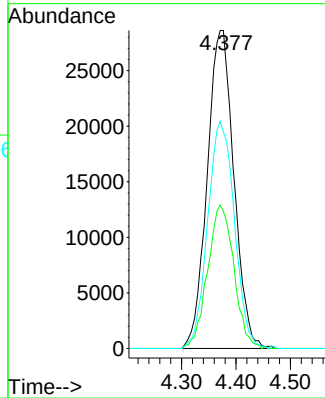
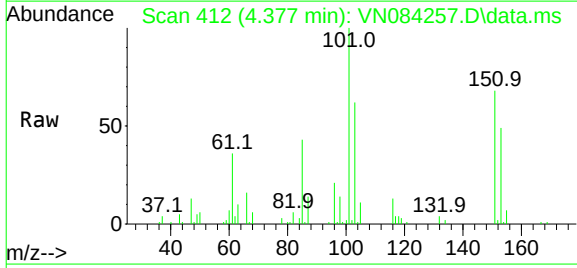
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.735 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 97517
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 71.6 59.3 88.9

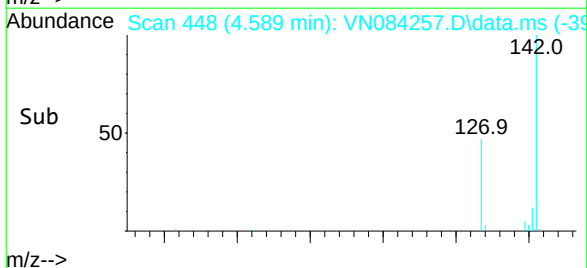
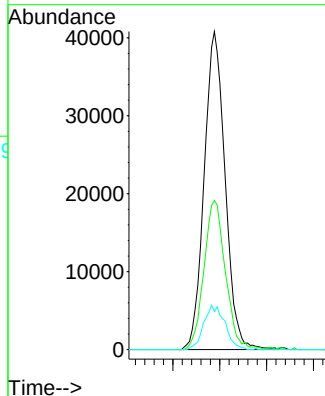
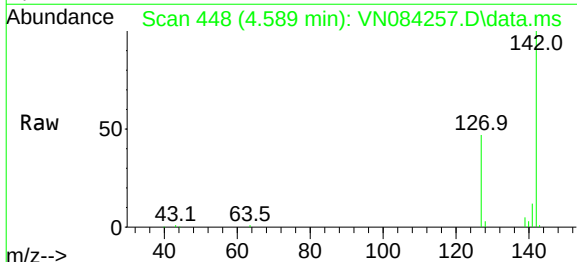
Manual Integrations
APPROVED

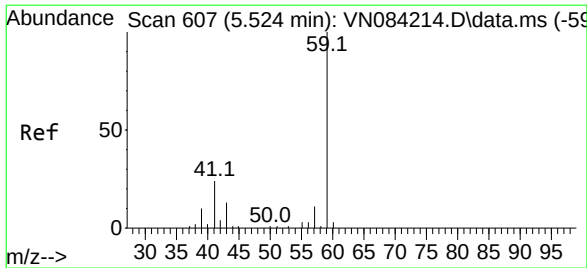
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#10
Methyl Iodide
Concen: 48.149 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:142 Resp: 126674
Ion Ratio Lower Upper
142 100
127 46.9 35.3 52.9
141 11.9 11.0 16.6





#11

Tert butyl alcohol

Concen: 215.343 ug/l

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

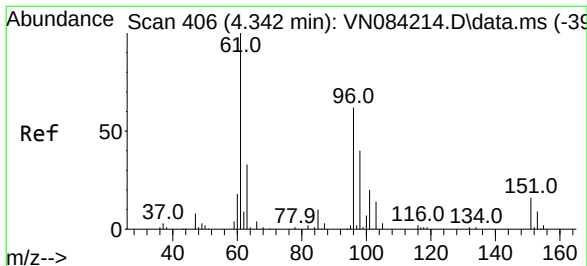
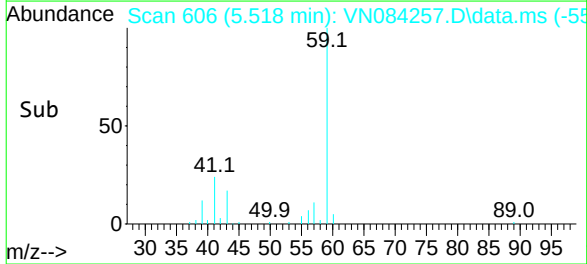
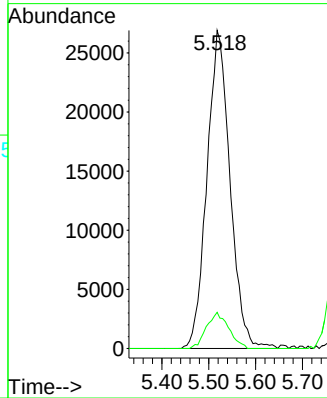
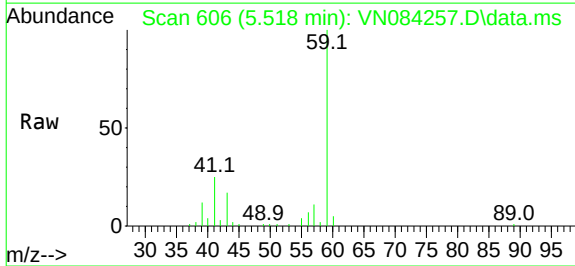
Tgt Ion:	59	Resp:	92139
Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#12

1,1-Dichloroethene

Concen: 47.746 ug/l

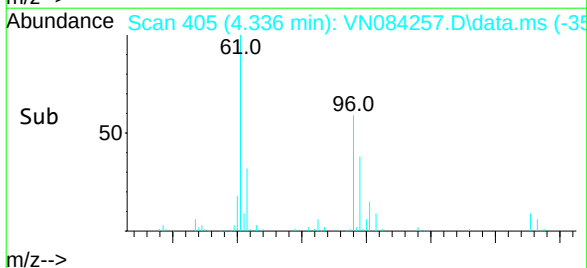
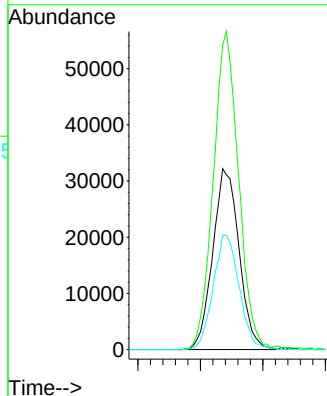
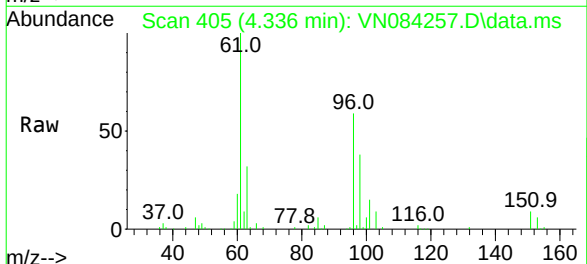
RT: 4.336 min Scan# 405

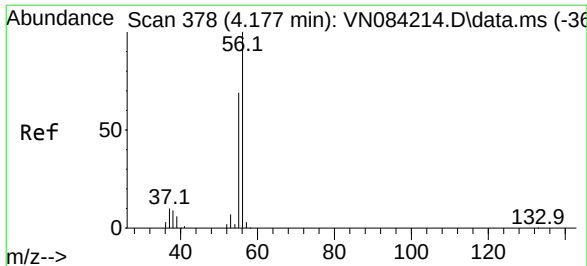
Delta R.T. -0.006 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

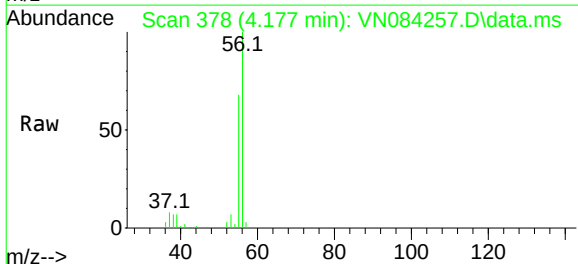
Tgt Ion:	96	Resp:	94084
Ion	Ratio	Lower	Upper
96	100		
61	168.2	128.6	192.8
98	63.2	51.7	77.5





#13
Acrolein
Concen: 230.857 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

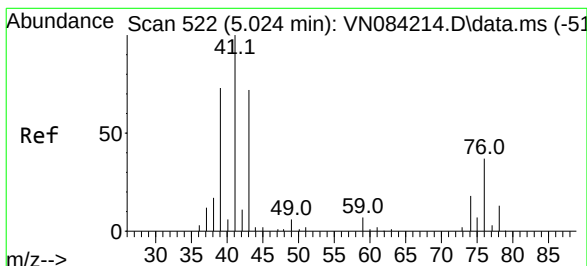
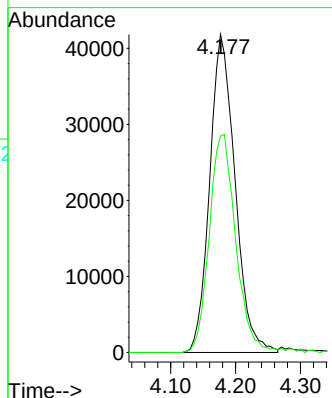
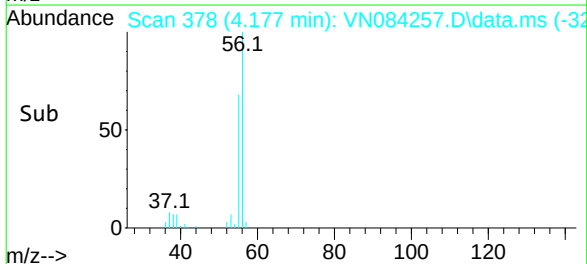
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 113398
Ion Ratio Lower Upper
56 100
55 72.1 57.2 85.8

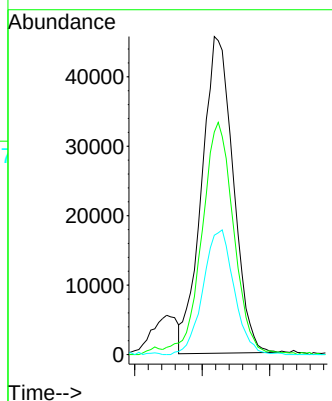
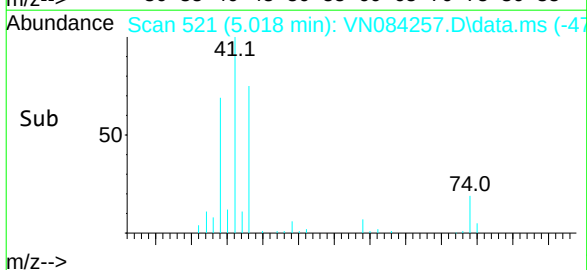
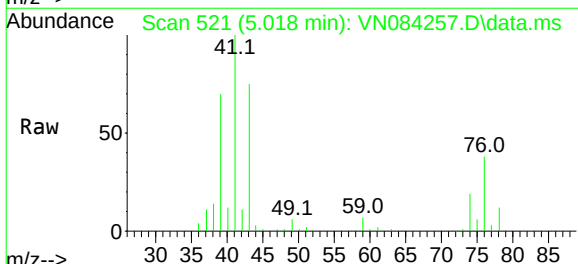
Manual Integrations
APPROVED

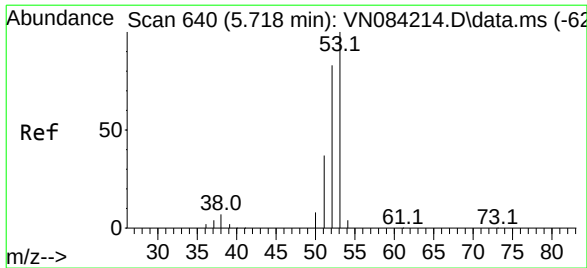
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#14
Allyl chloride
Concen: 43.197 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

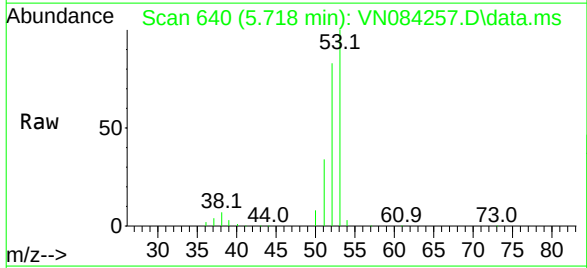
Tgt Ion: 41 Resp: 147830
Ion Ratio Lower Upper
41 100
39 74.2 59.0 88.6
76 38.8 29.8 44.6





#15
Acrylonitrile
Concen: 245.190 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

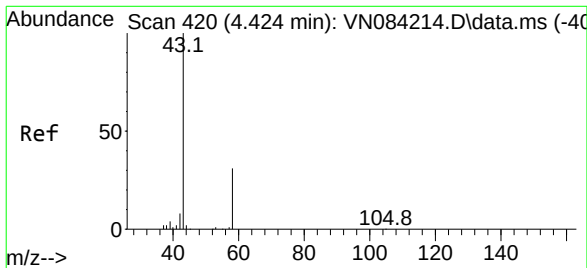
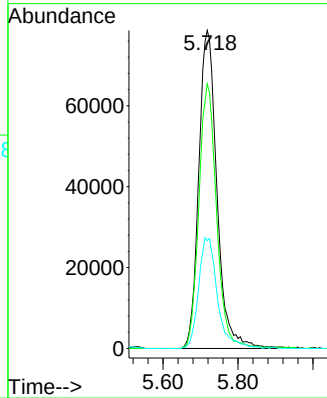
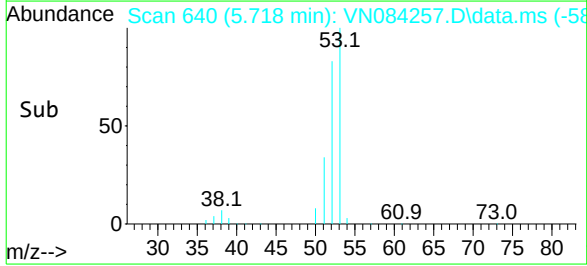
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 264927
Ion Ratio Lower Upper
53 100
52 80.6 66.2 99.4
51 36.1 28.8 43.2

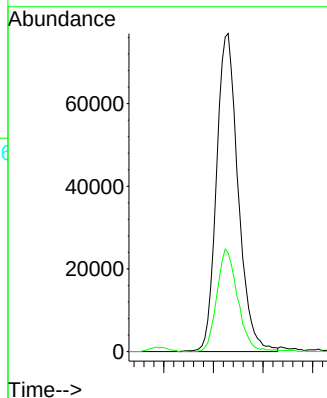
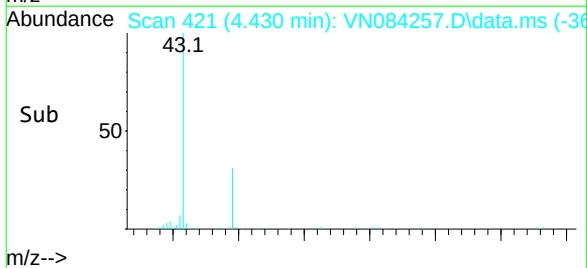
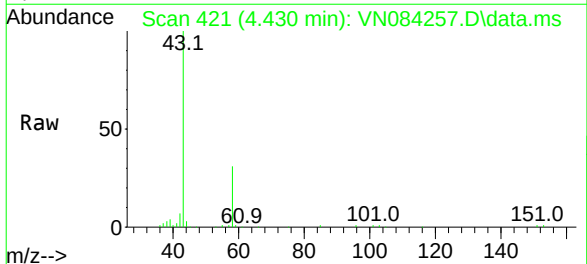
Manual Integrations
APPROVED

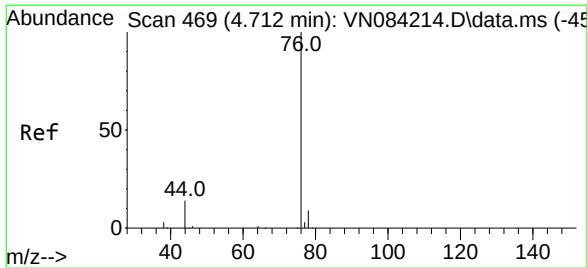
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#16
Acetone
Concen: 208.964 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

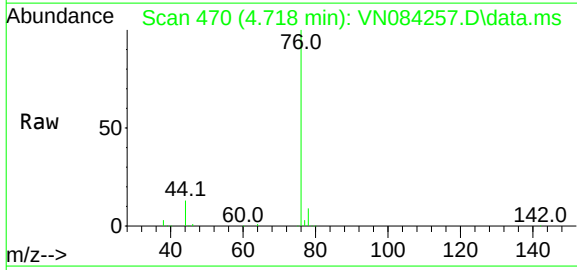
Tgt Ion: 43 Resp: 232932
Ion Ratio Lower Upper
43 100
58 31.0 24.4 36.6





#17
Carbon Disulfide
Concen: 44.309 ug/l
RT: 4.718 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

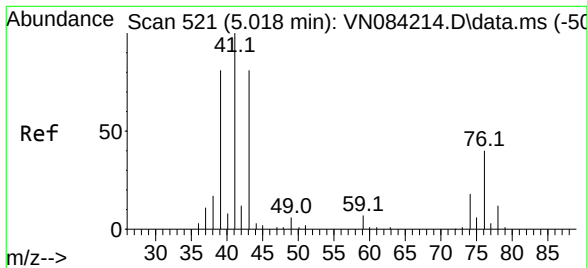
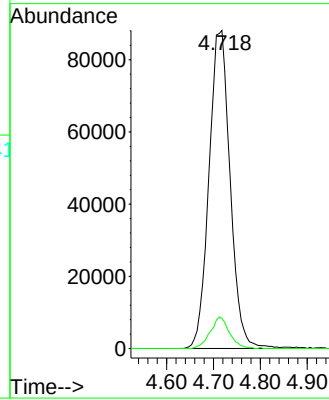
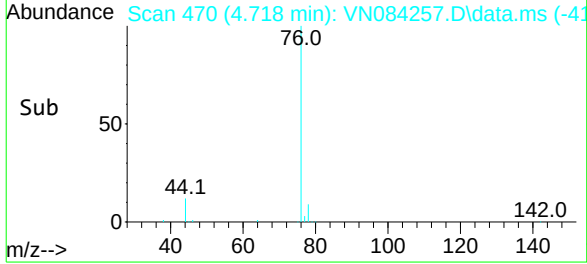
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 276431
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

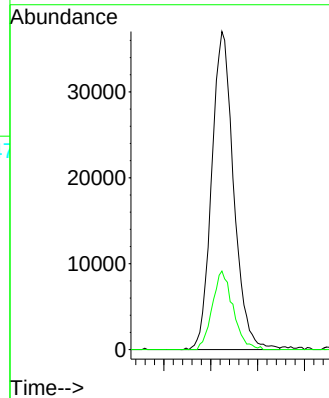
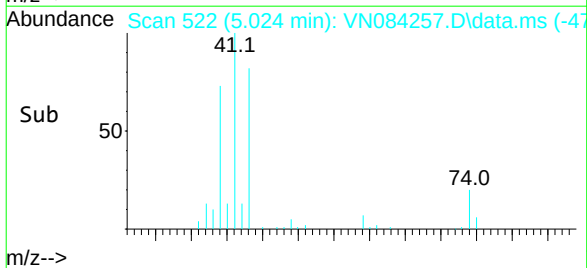
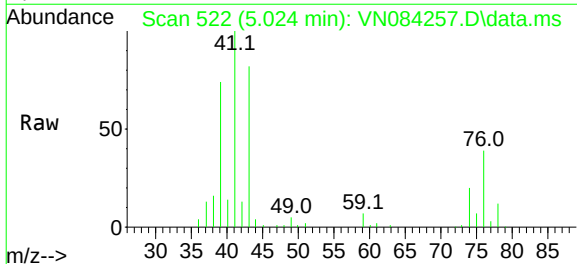
Manual Integrations
APPROVED

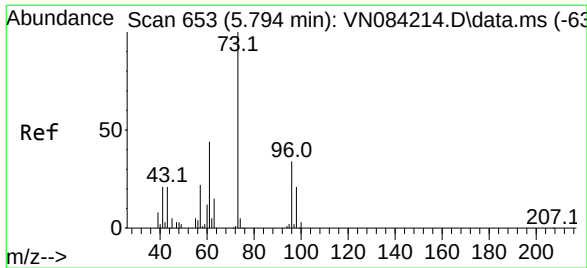
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#18
Methyl Acetate
Concen: 49.652 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

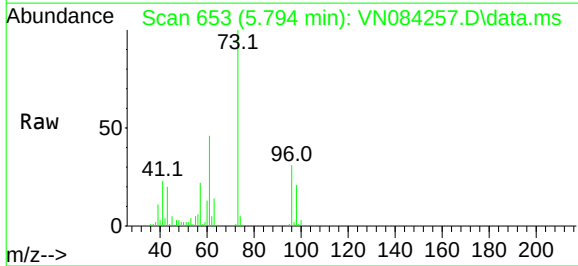
Tgt Ion: 43 Resp: 120633
Ion Ratio Lower Upper
43 100
74 23.3 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 47.993 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

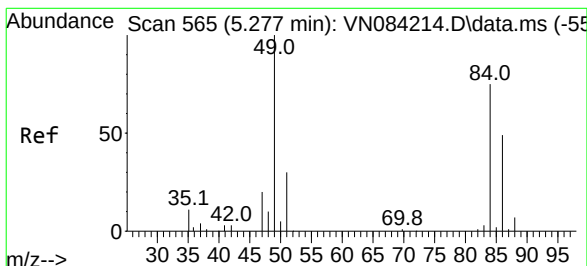
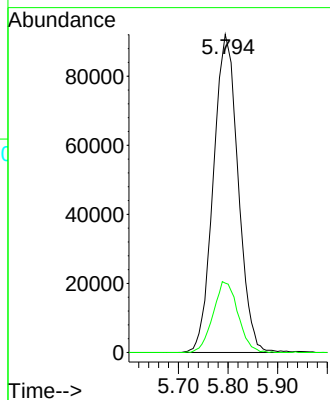
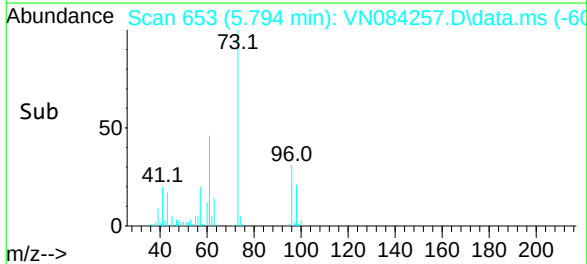
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



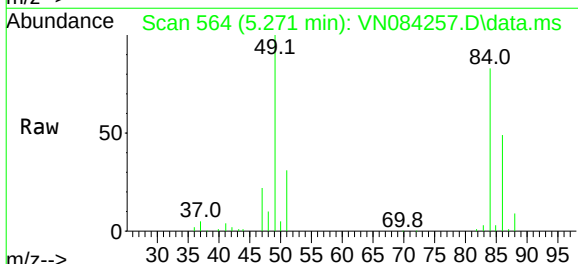
Tgt Ion: 73 Resp: 319188
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

Manual Integrations
APPROVED

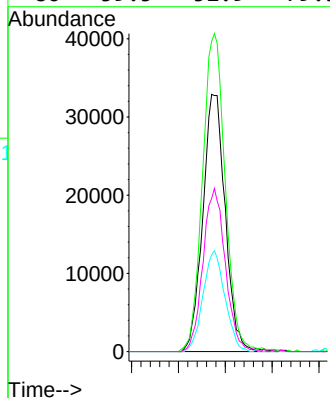
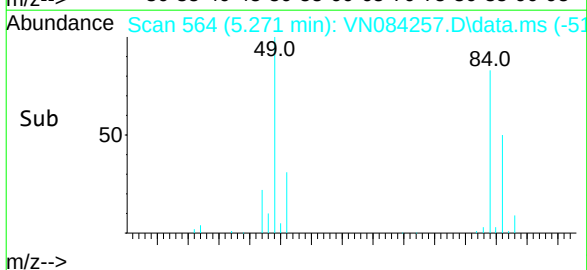
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

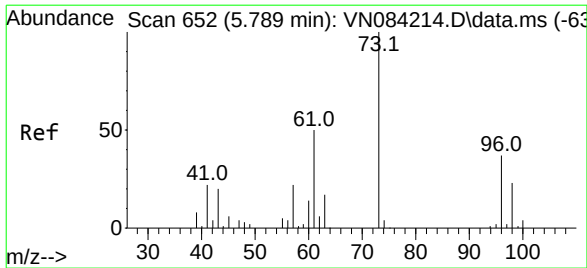


#20
Methylene Chloride
Concen: 48.424 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15



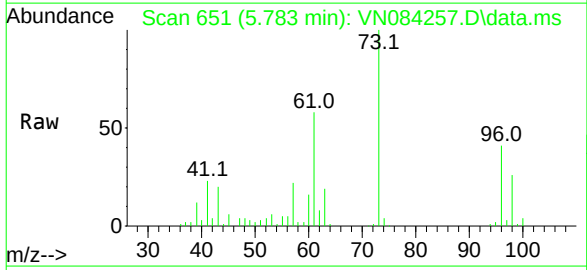
Tgt Ion: 84 Resp: 109727
Ion Ratio Lower Upper
84 100
49 120.6 107.2 160.8
51 37.6 31.8 47.8
86 59.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 48.690 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

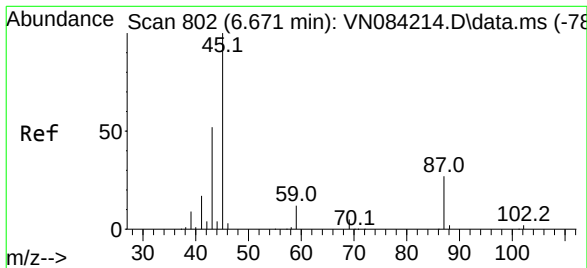
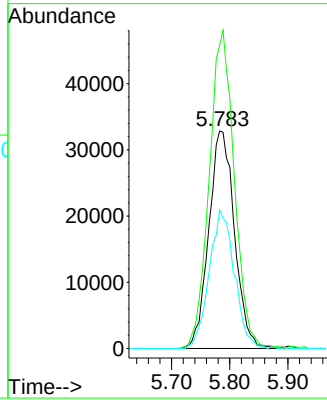
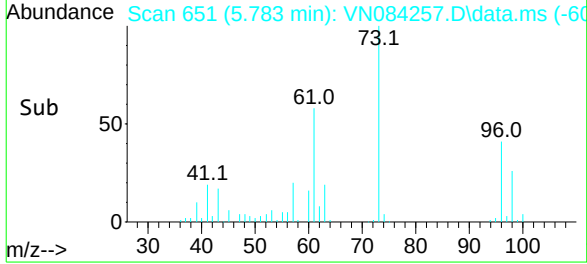
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 100518
Ion Ratio Lower Upper
96 100
61 139.3 108.4 162.6
98 63.7 49.8 74.8

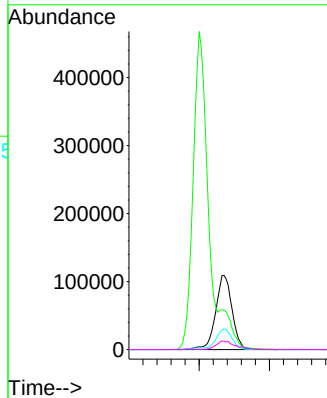
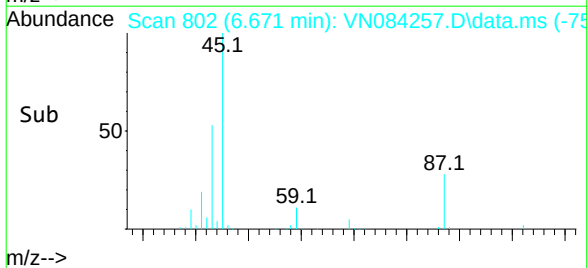
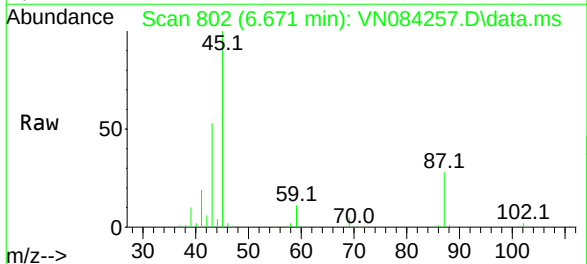
Manual Integrations
APPROVED

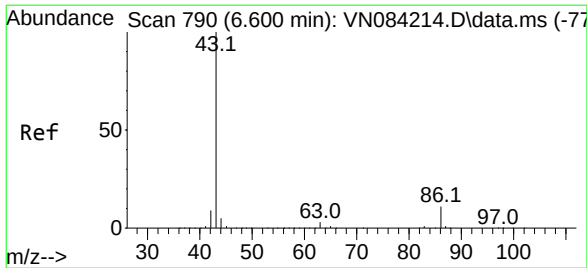
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#22
Diisopropyl ether
Concen: 50.050 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 45 Resp: 354286
Ion Ratio Lower Upper
45 100
43 52.7 42.3 63.5
87 27.7 21.8 32.6
59 11.4 9.6 14.4





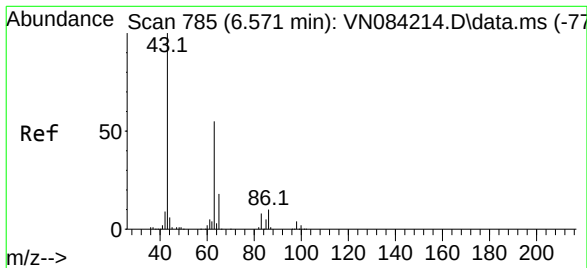
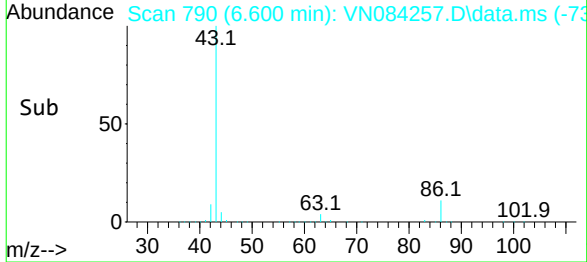
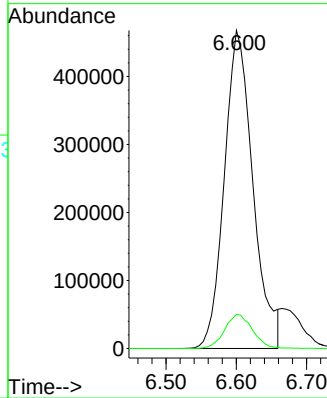
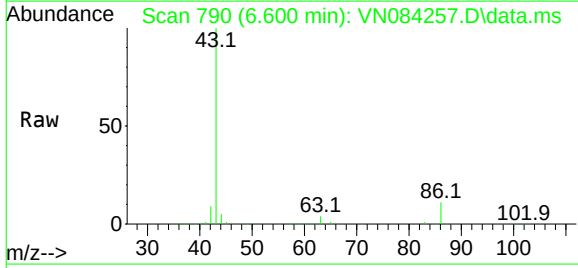
#23
 Vinyl Acetate
 Concen: 251.846 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084257.D
 Acq: 02 Oct 2024 11:15

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1322252
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.6 12.8

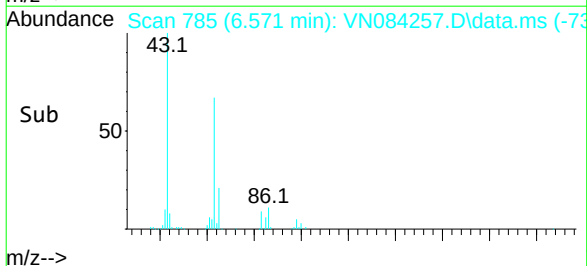
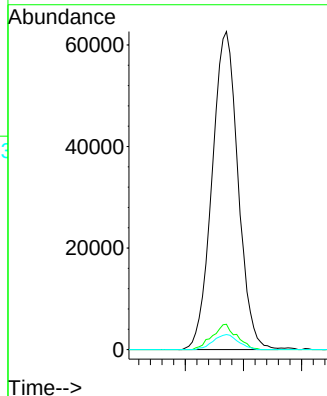
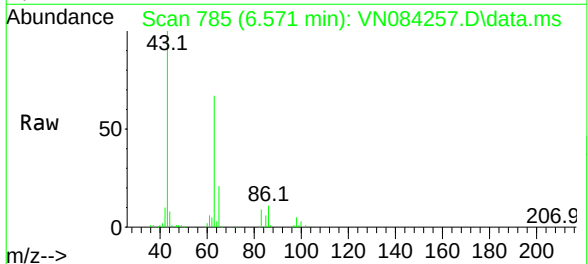
Manual Integrations
 APPROVED

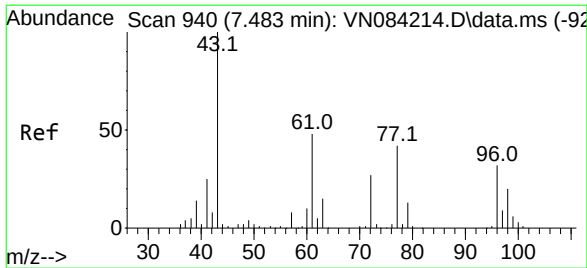
Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#24
 1,1-Dichloroethane
 Concen: 49.117 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN084257.D
 Acq: 02 Oct 2024 11:15

Tgt Ion: 63 Resp: 194434
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 4.7 2.0 5.8





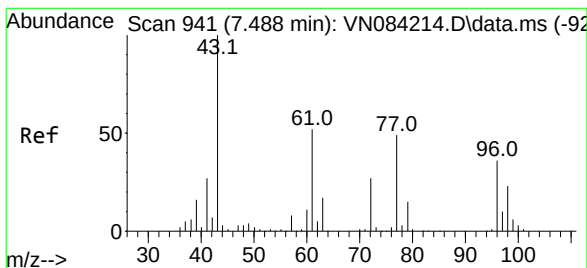
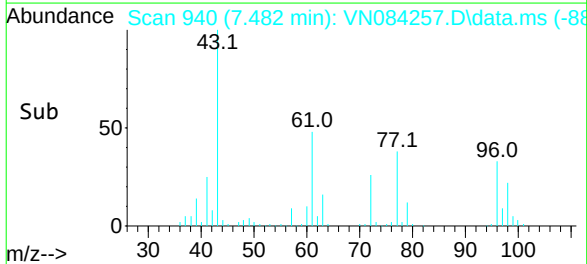
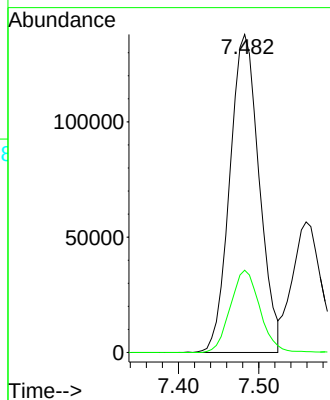
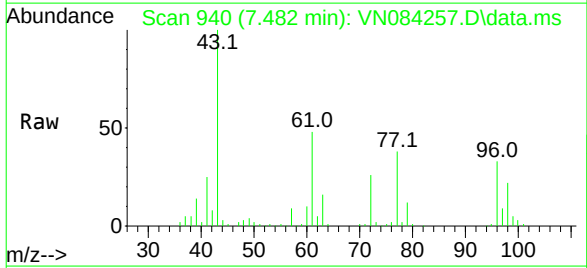
#25
2-Butanone
Concen: 231.179 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 350985
Ion Ratio Lower Upper
43 100
72 25.9 21.4 32.2

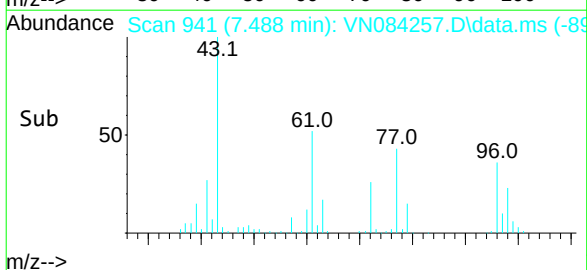
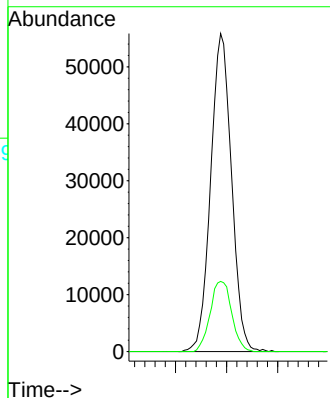
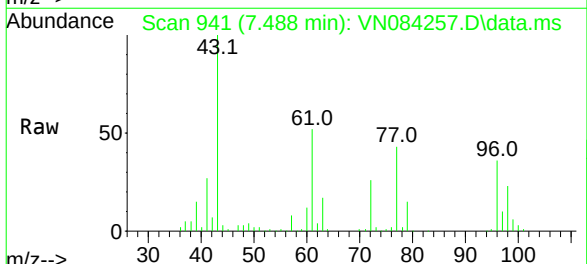
Manual Integrations
APPROVED

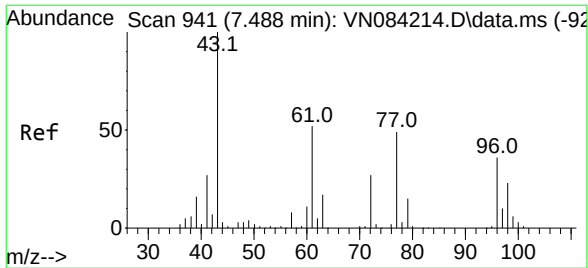
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#26
2,2-Dichloropropane
Concen: 44.321 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

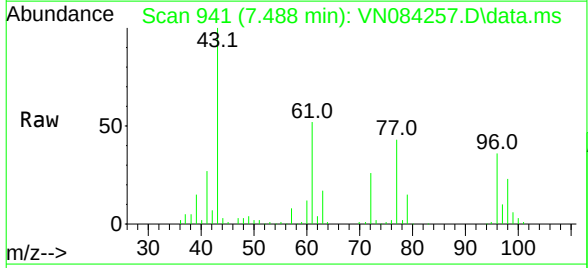
Tgt Ion: 77 Resp: 158191
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 48.203 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

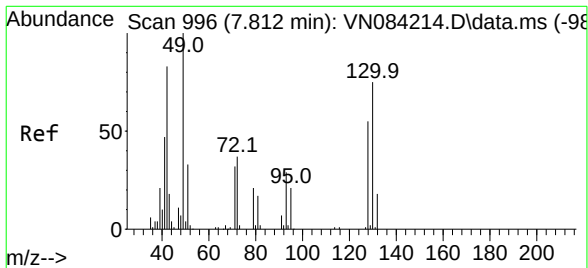
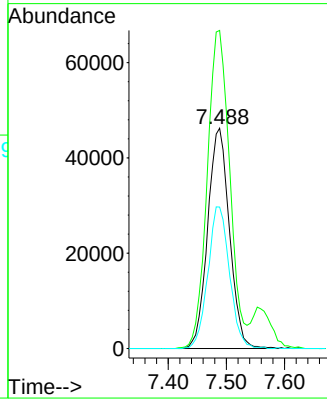
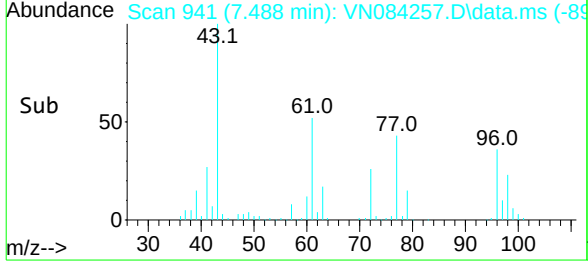
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



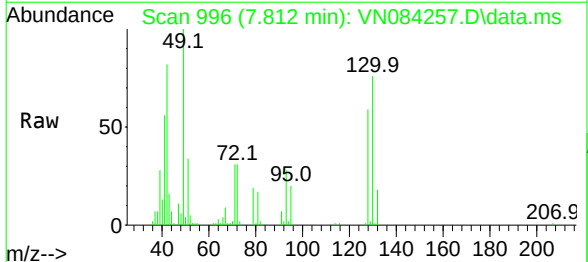
Tgt Ion: 96 Resp: 120250
Ion Ratio Lower Upper
96 100
61 149.2 0.0 301.8
98 63.9 0.0 128.2

Manual Integrations
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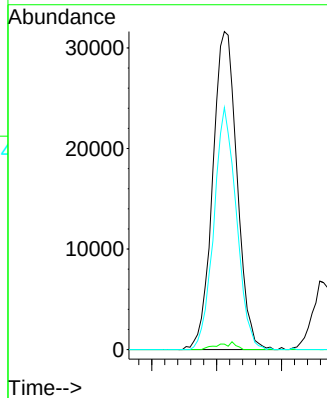
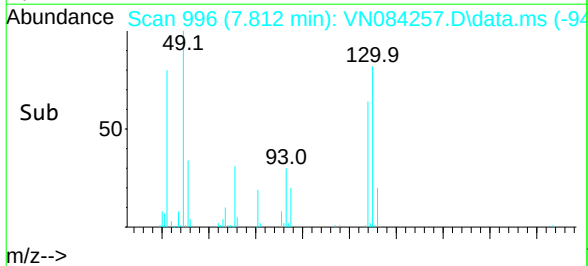
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

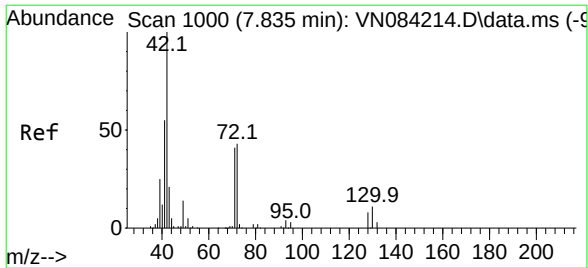


#28
Bromochloromethane
Concen: 46.656 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15



Tgt Ion: 49 Resp: 82405
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.6
130 70.4 58.0 87.0





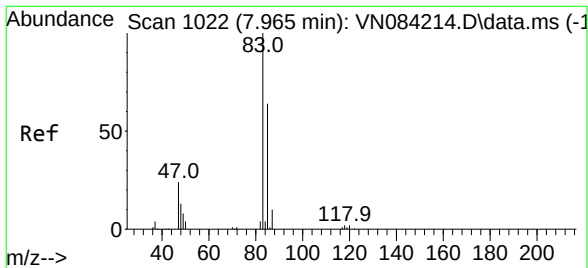
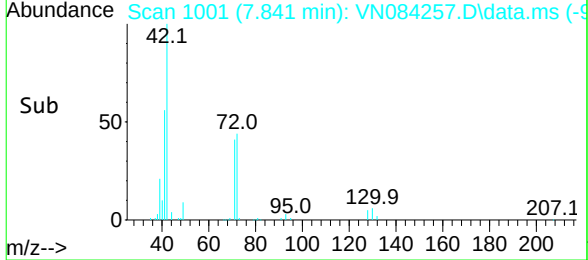
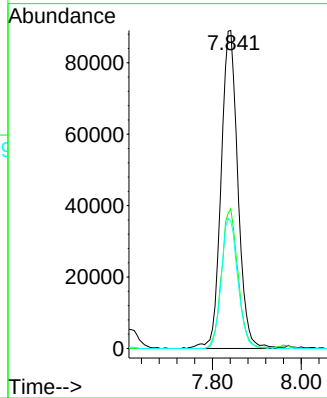
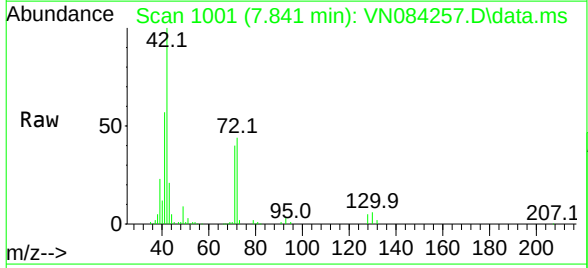
#29
Tetrahydrofuran
Concen: 249.642 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 233897
Ion Ratio Lower Upper
42 100
72 42.8 34.6 51.8
71 40.3 32.2 48.4

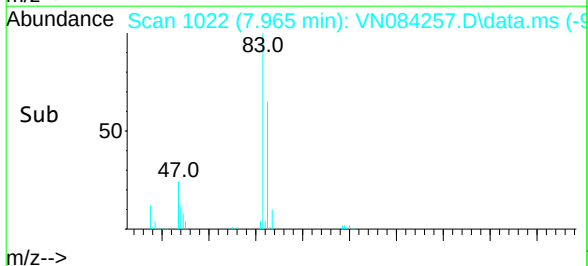
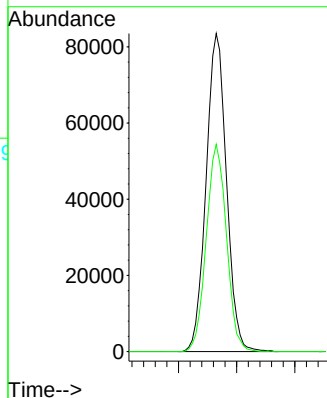
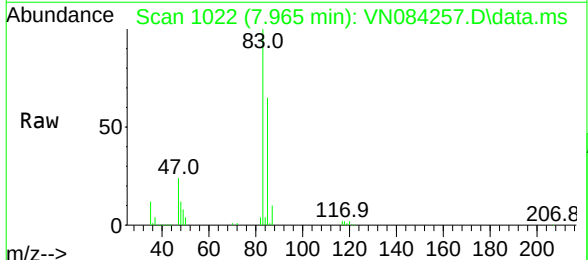
Manual Integrations
APPROVED

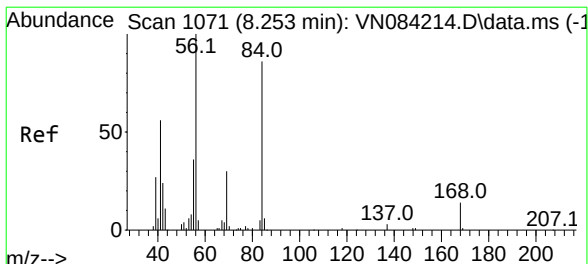
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#30
Chloroform
Concen: 49.418 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

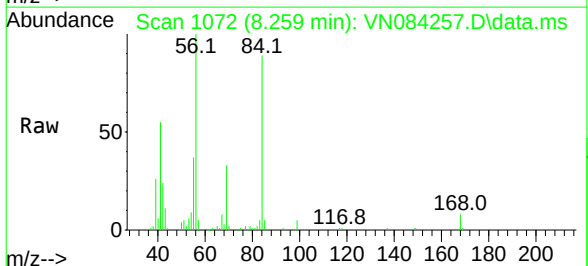
Tgt Ion: 83 Resp: 203203
Ion Ratio Lower Upper
83 100
85 65.2 51.0 76.4





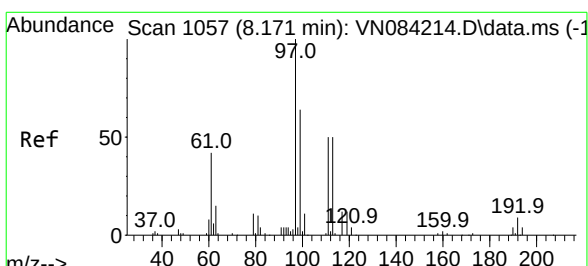
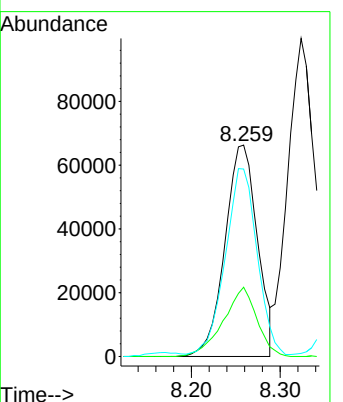
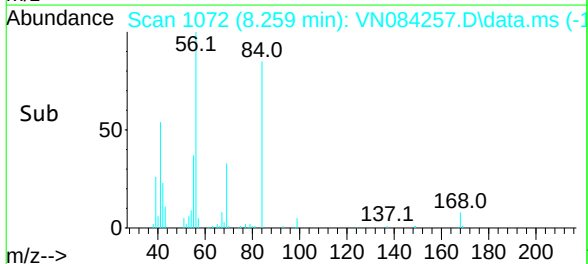
#31
Cyclohexane
Concen: 43.786 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

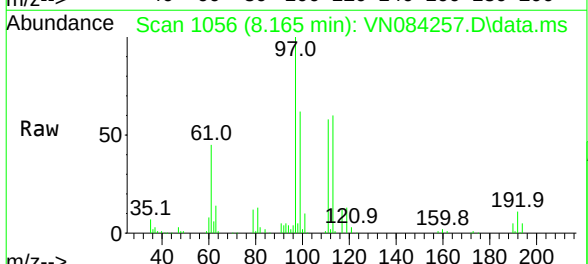


Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.8	23.8	35.6
84	87.1	68.8	103.2

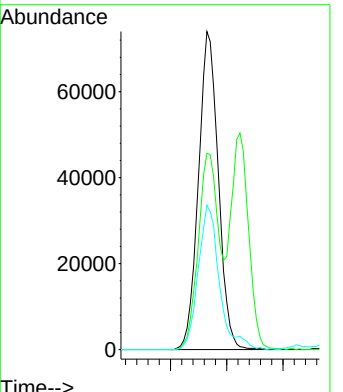
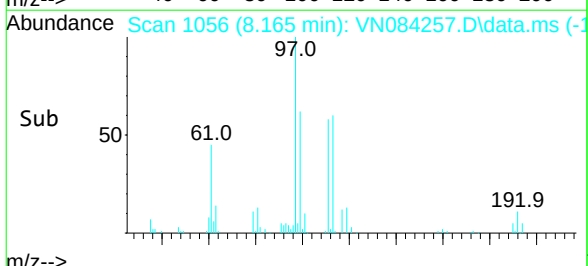
Manual Integrations
APPROVED
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024

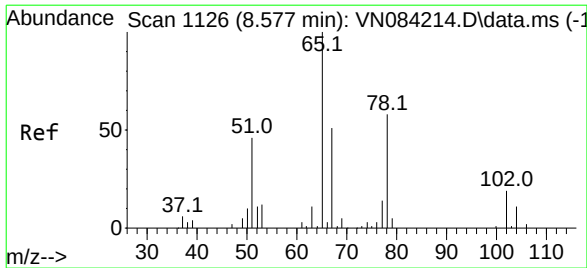


#32
1,1,1-Trichloroethane
Concen: 49.180 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15



Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	48.4	37.5	56.3





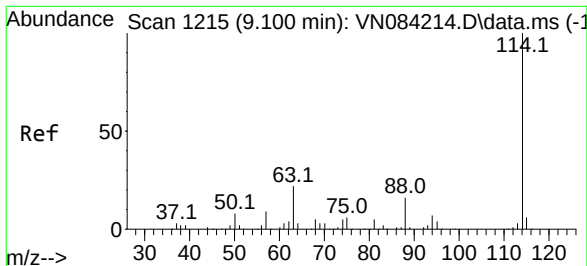
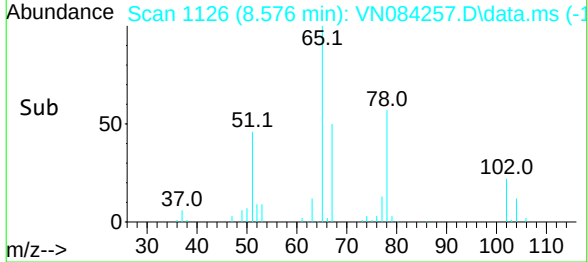
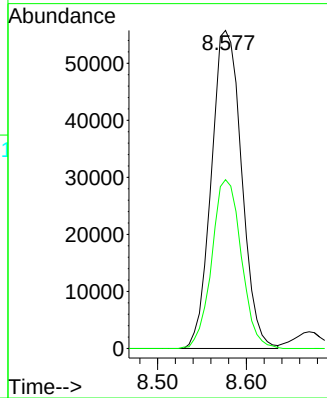
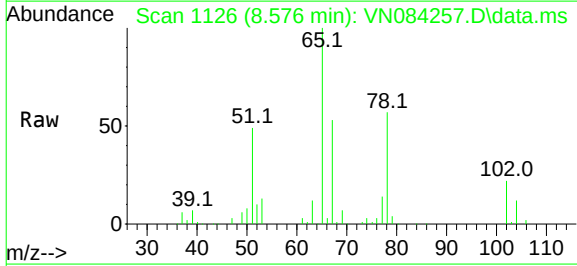
#33
1,2-Dichloroethane-d4
Concen: 50.834 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 131907
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.0

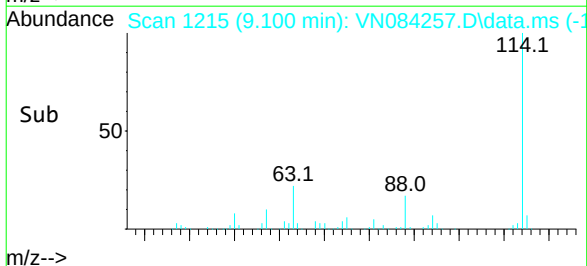
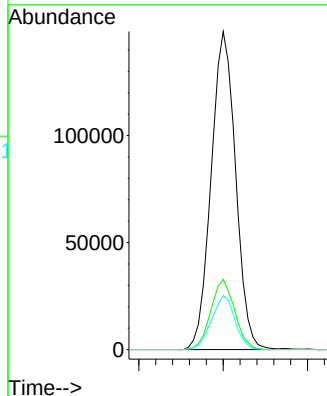
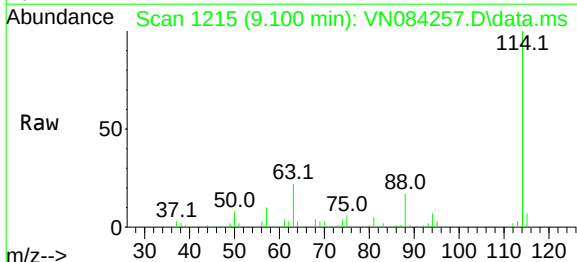
Manual Integrations
APPROVED

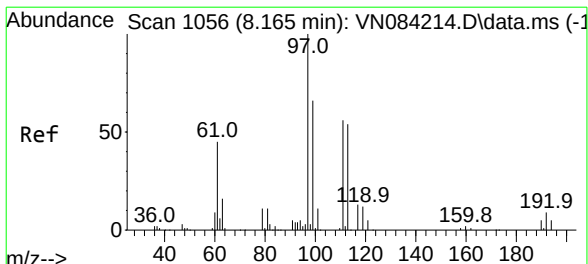
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:114 Resp: 299427
Ion Ratio Lower Upper
114 100
63 22.1 0.0 43.8
88 17.0 0.0 31.6





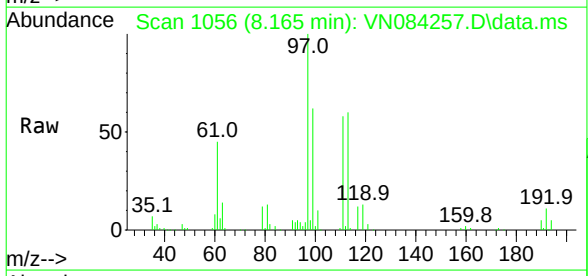
#35
 Dibromofluoromethane
 Concen: 52.142 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084257.D
 Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

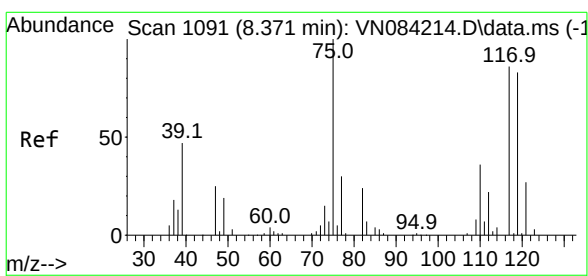
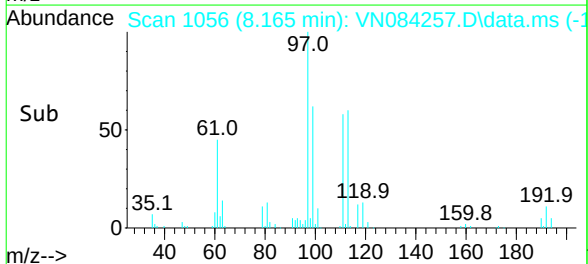
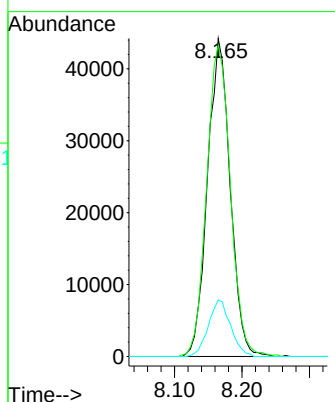
VSTDCCC050



Tgt Ion:	113	Resp:	102929
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.3	124.9
192	17.5	13.5	20.3

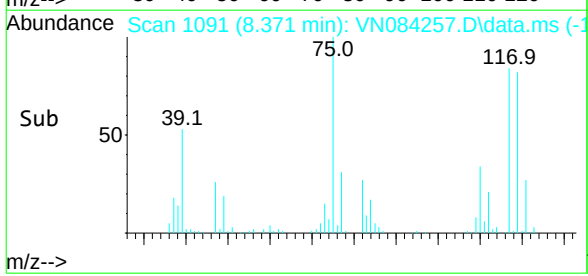
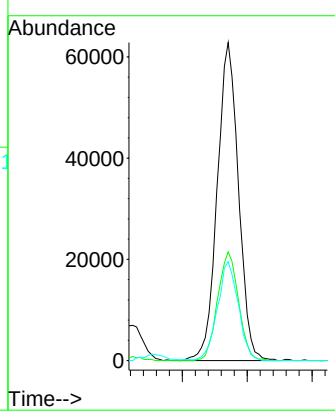
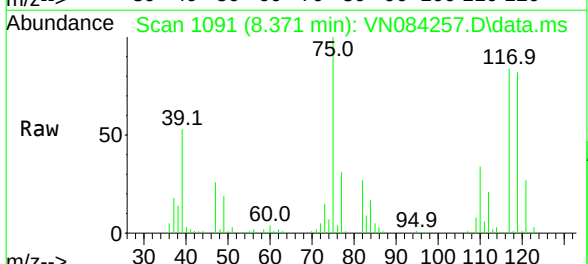
Manual Integrations
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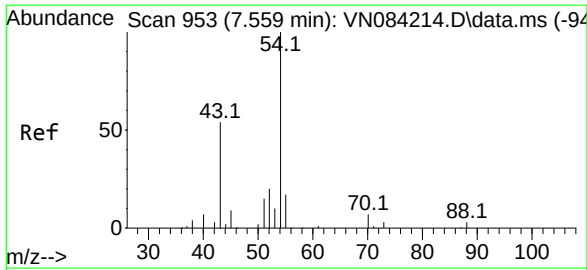
Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024



#36
 1,1-Dichloropropene
 Concen: 49.875 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084257.D
 Acq: 02 Oct 2024 11:15

Tgt Ion:	75	Resp:	143006
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.9	50.7
77	30.5	24.7	37.1





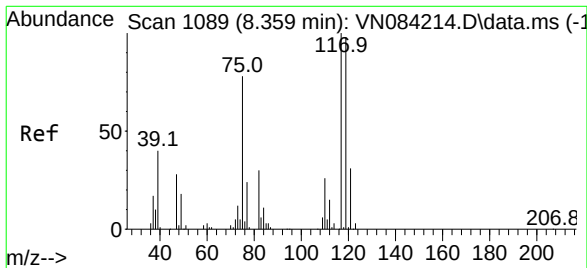
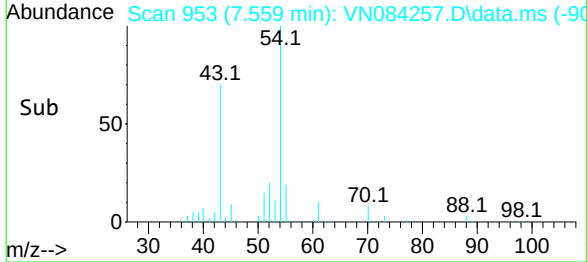
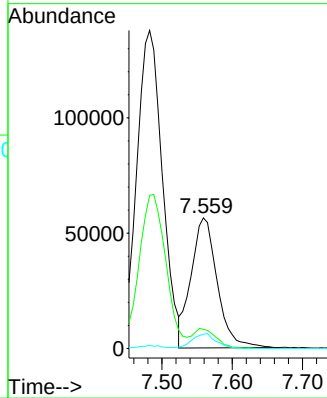
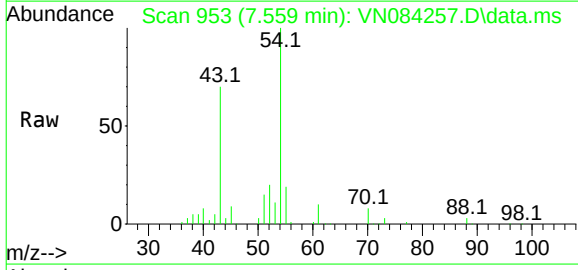
#37
Ethyl Acetate
Concen: 49.633 ug/l
RT: 7.559 min Scan# 953
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43	Resp: 146003
Ion Ratio	Lower Upper
43 100	
61 13.8	10.7 16.1
70 10.5	8.8 13.2

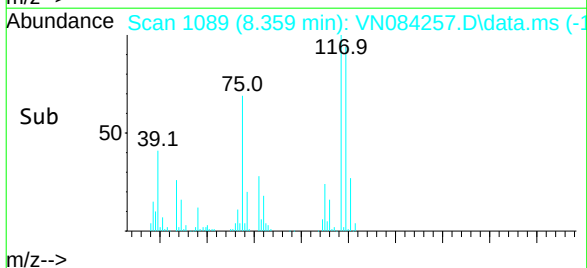
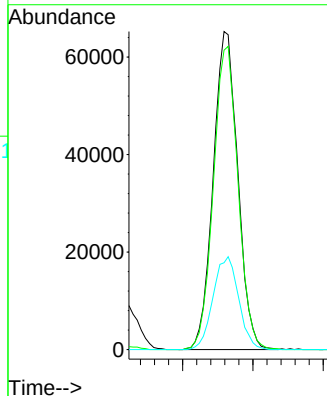
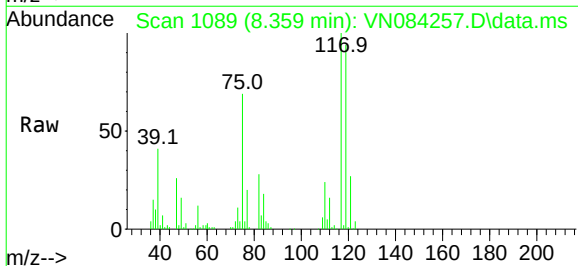
Manual Integrations
APPROVED

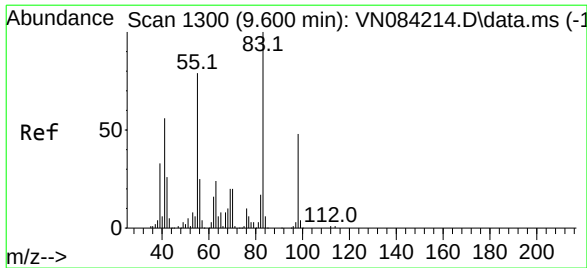
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#38
Carbon Tetrachloride
Concen: 50.301 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt	Ion:117	Resp:	158213
Ion	Ratio	Lower	Upper
117	100		
119	94.1	78.7	118.1
121	27.3	24.4	36.6





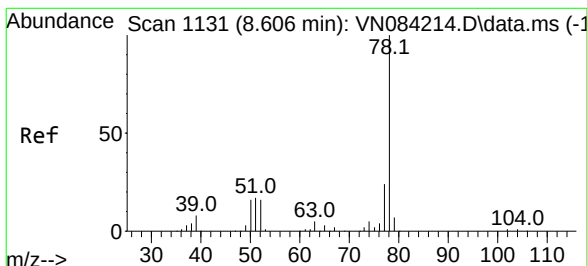
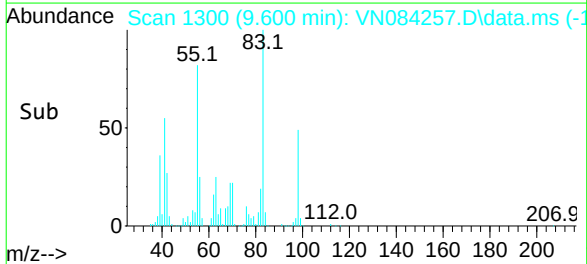
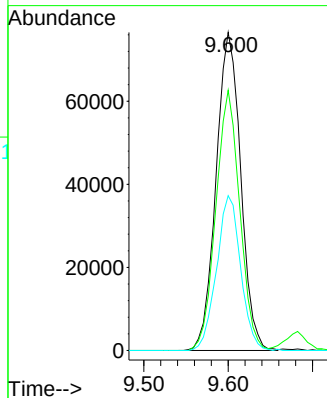
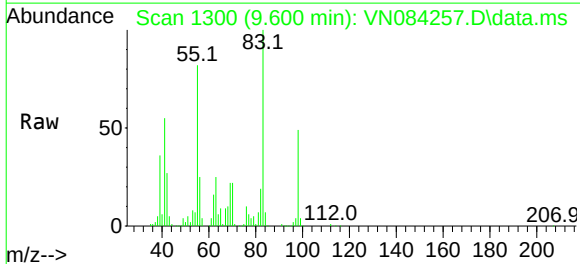
#39
Methylcyclohexane
Concen: 48.643 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 155236
Ion Ratio Lower Upper
83 100
55 81.8 62.8 94.2
98 48.7 38.8 58.2

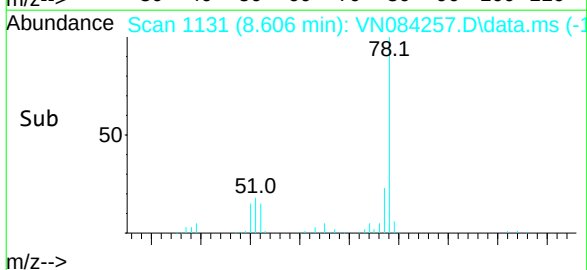
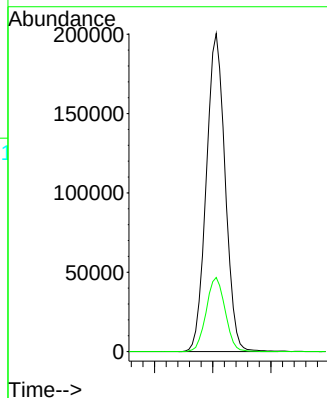
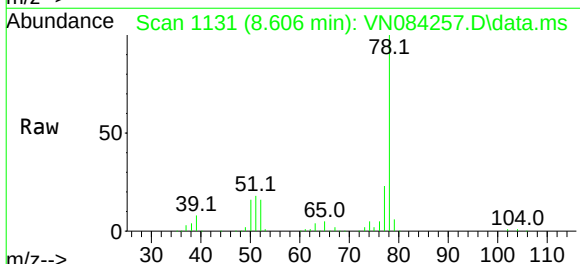
Manual Integrations
APPROVED

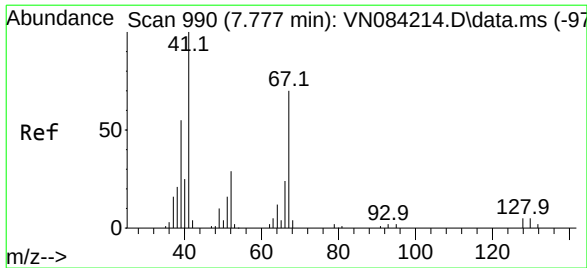
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#40
Benzene
Concen: 50.423 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 78 Resp: 450456
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7





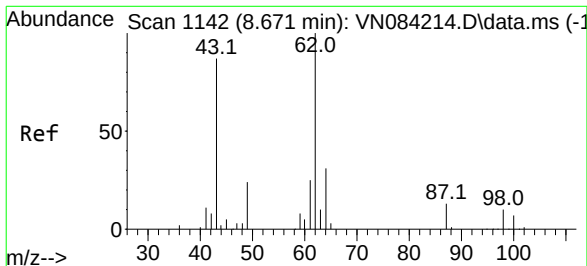
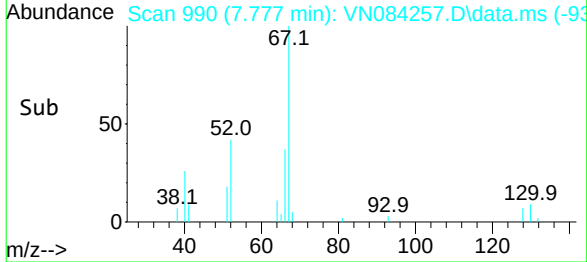
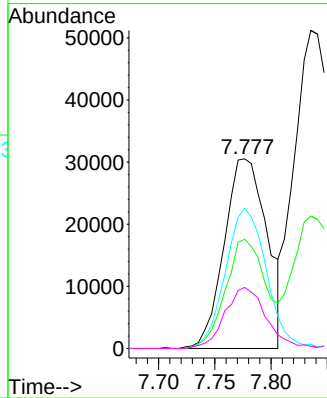
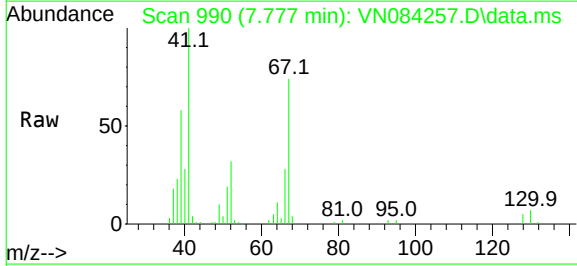
#41
Methacrylonitrile
Concen: 50.681 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	80937
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.3	64.9
67	71.0	56.1	84.1
52	31.1	24.5	36.7

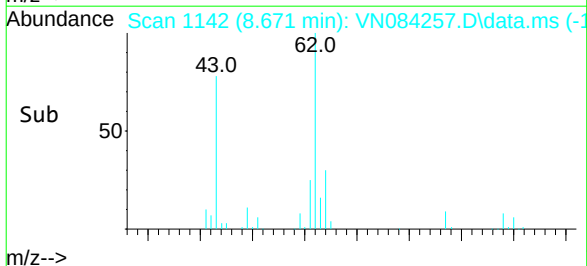
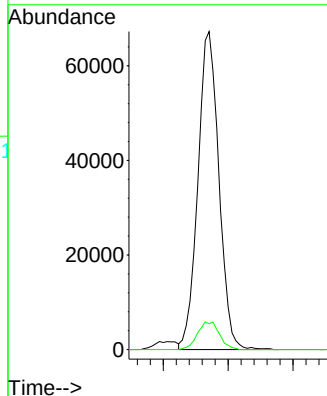
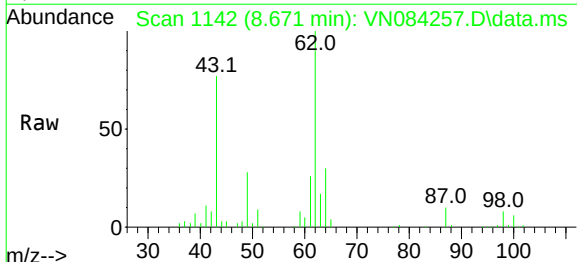
Manual Integrations
APPROVED

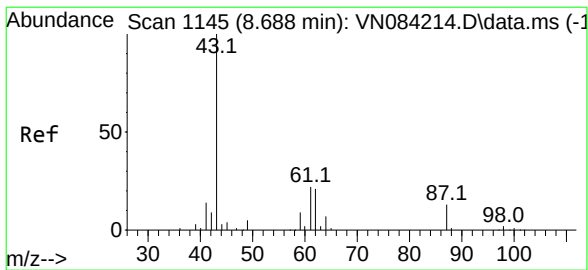
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#42
1,2-Dichloroethane
Concen: 49.861 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:	62	Resp:	151010
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





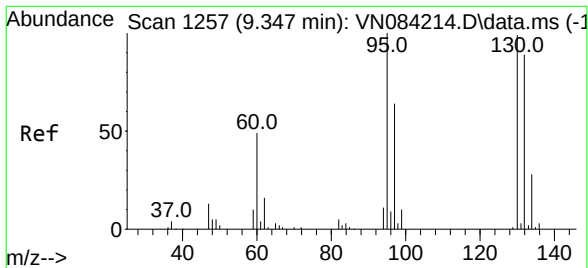
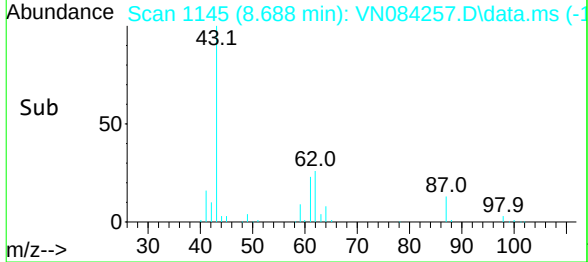
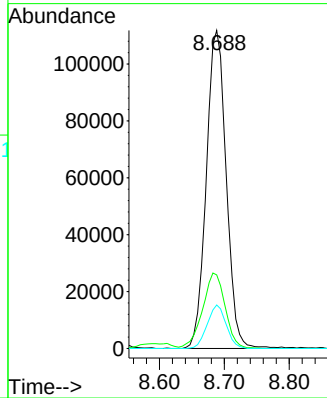
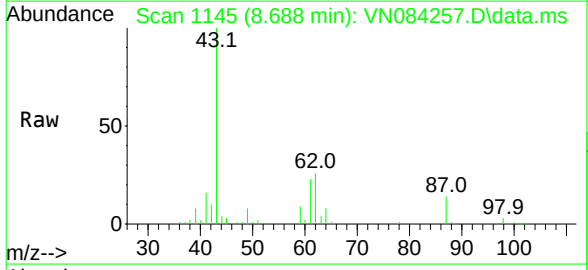
#43
Isopropyl Acetate
Concen: 41.386 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 238457
Ion Ratio Lower Upper
43 100
61 26.9 20.4 30.6
87 13.0 10.3 15.5

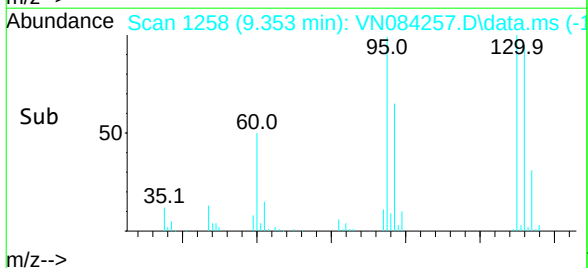
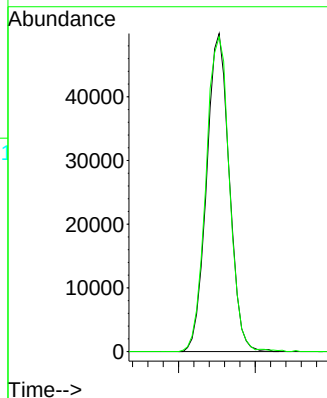
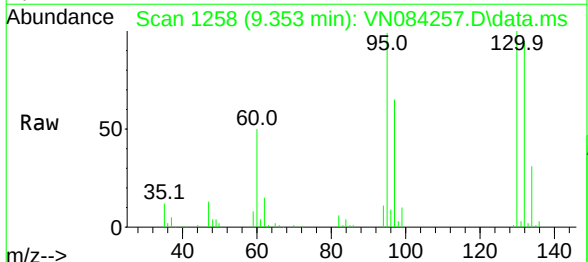
Manual Integrations
APPROVED

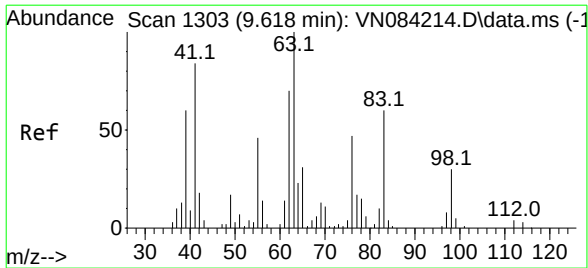
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#44
Trichloroethene
Concen: 49.126 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

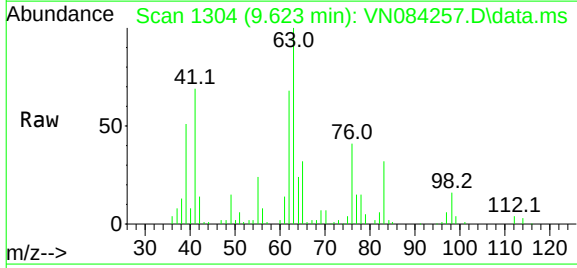
Tgt Ion:130 Resp: 102502
Ion Ratio Lower Upper
130 100
95 99.0 0.0 203.0





#45
1,2-Dichloropropane
Concen: 51.896 ug/l
RT: 9.623 min Scan# 1303
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

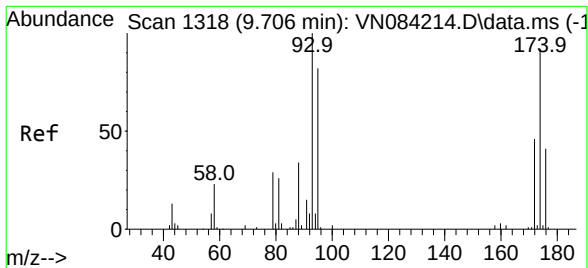
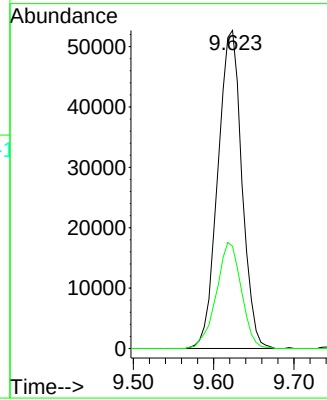
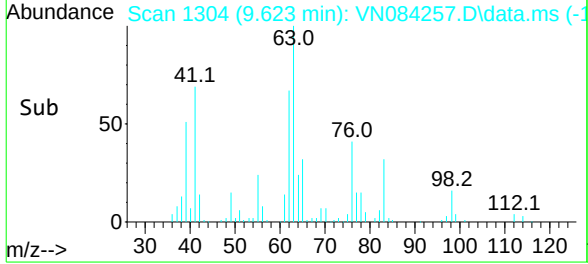
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 109674
Ion Ratio Lower Upper
63 100
65 32.1 24.6 37.0

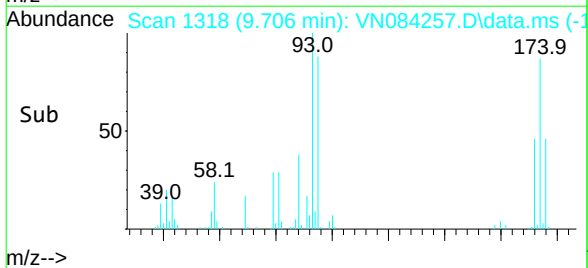
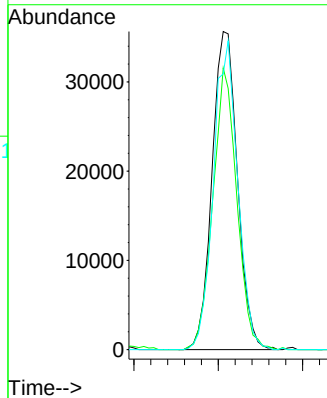
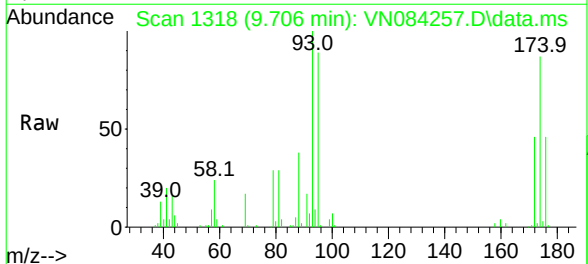
Manual Integrations
APPROVED

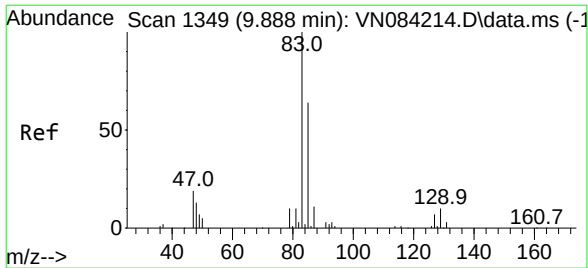
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#46
Dibromomethane
Concen: 52.188 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 93 Resp: 74429
Ion Ratio Lower Upper
93 100
95 83.7 65.0 97.4
174 93.1 71.8 107.8





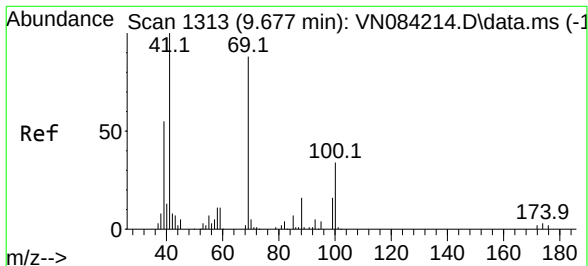
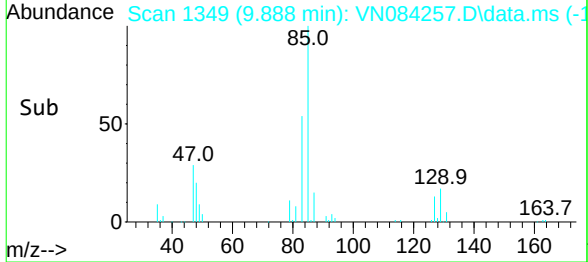
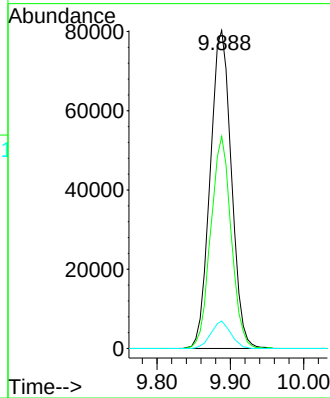
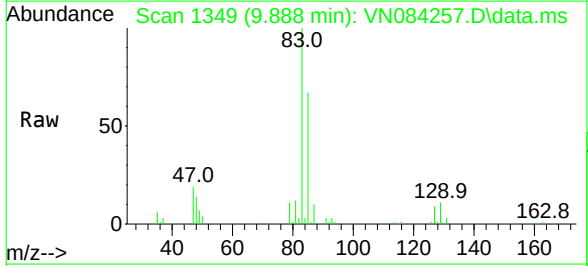
#47
Bromodichloromethane
Concen: 50.831 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 161057
Ion Ratio Lower Upper
83 100
85 66.7 51.5 77.3
127 8.6 5.7 8.5#

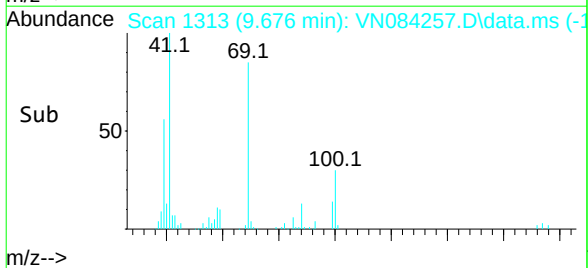
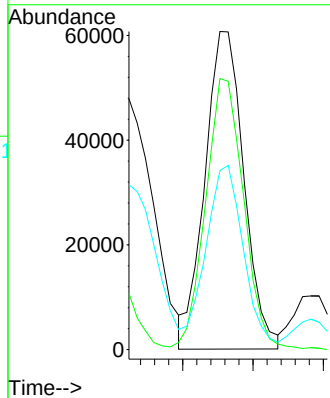
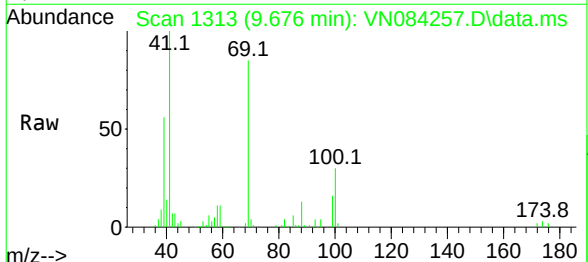
Manual Integrations
APPROVED

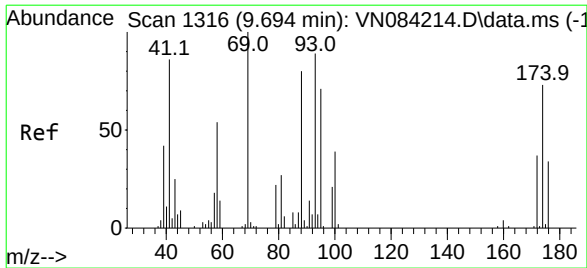
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#48
Methyl methacrylate
Concen: 50.990 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

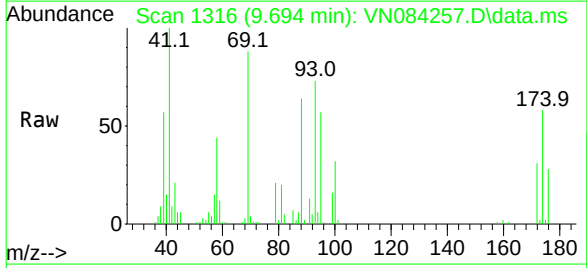
Tgt Ion: 41 Resp: 116950
Ion Ratio Lower Upper
41 100
69 83.3 67.1 100.7
39 56.7 45.8 68.6





#49
1,4-Dioxane
Concen: 997.382 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

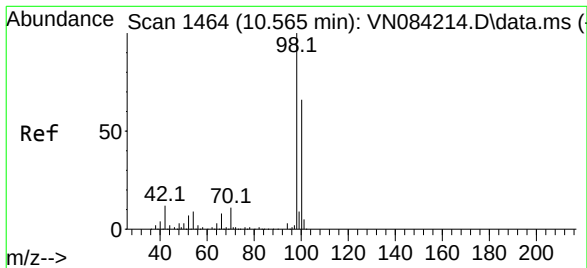
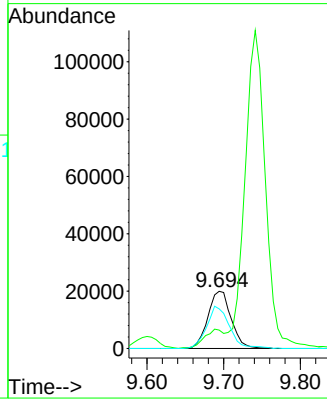
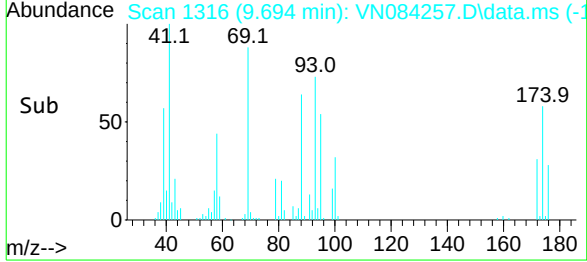
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 42115
Ion Ratio Lower Upper
88 100
43 27.8 25.3 37.9
58 72.5 56.4 84.6

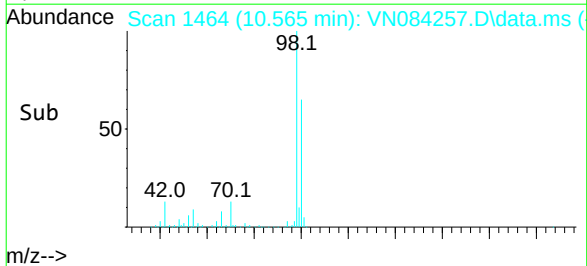
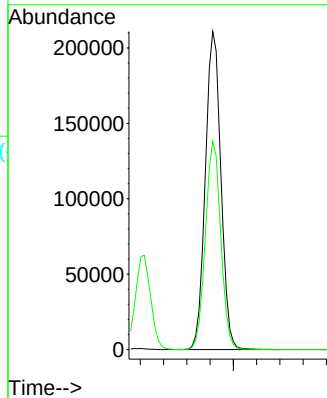
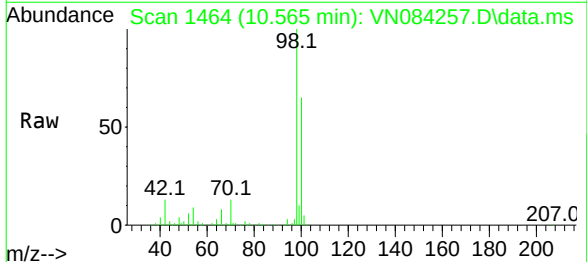
Manual Integrations
APPROVED

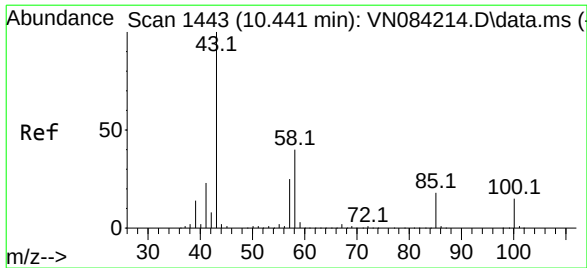
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#50
Toluene-d8
Concen: 53.930 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 98 Resp: 391674
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1





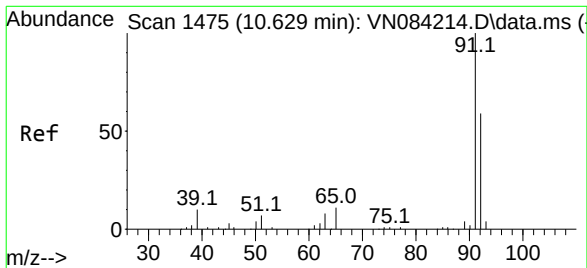
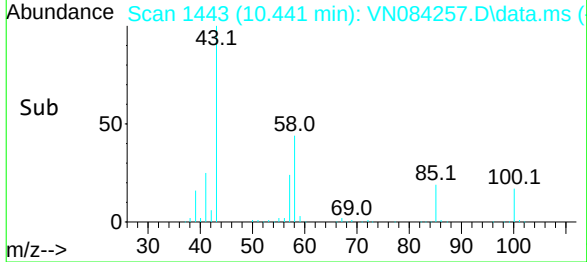
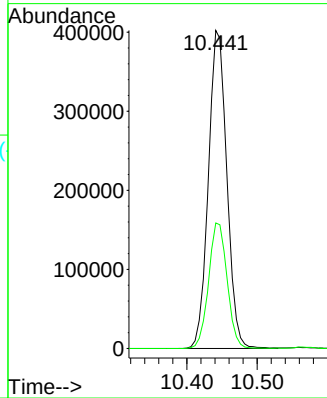
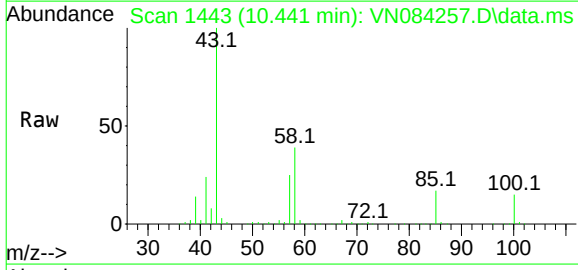
#51
4-Methyl-2-Pentanone
Concen: 261.699 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 732837
Ion Ratio Lower Upper
43 100
58 39.6 31.6 47.4

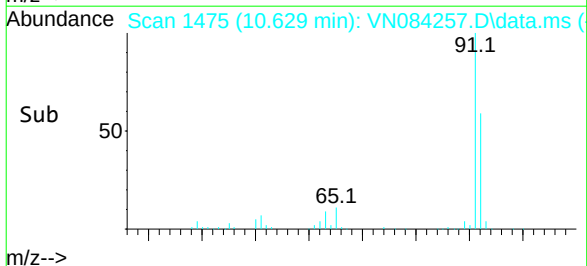
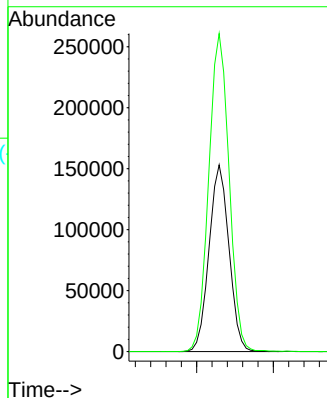
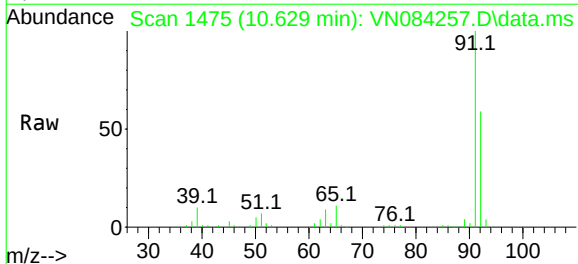
Manual Integrations
APPROVED

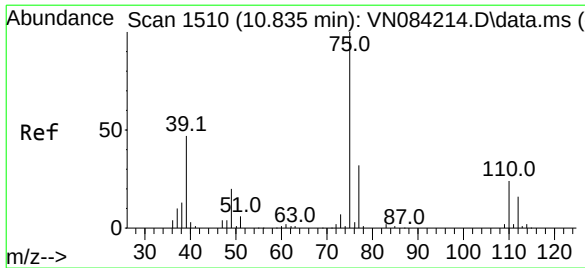
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#52
Toluene
Concen: 50.774 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

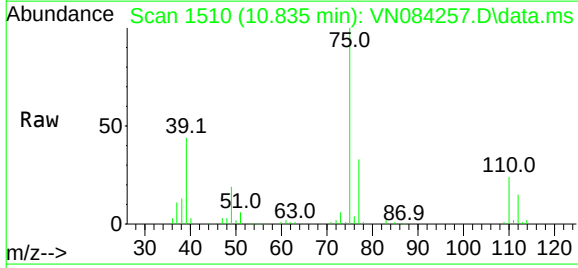
Tgt Ion: 92 Resp: 276604
Ion Ratio Lower Upper
92 100
91 173.8 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 50.475 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

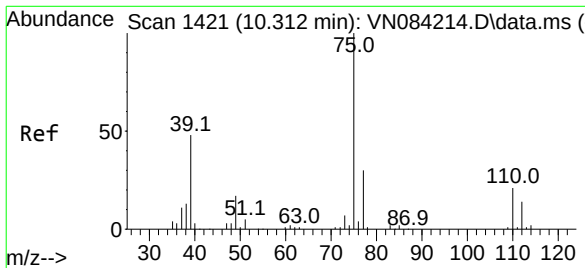
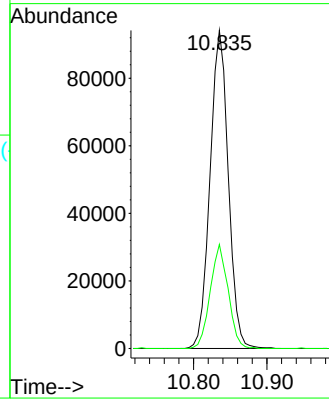
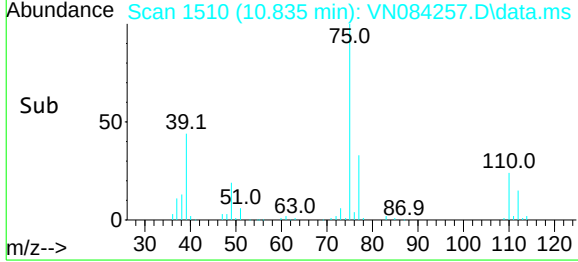
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 163025
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0

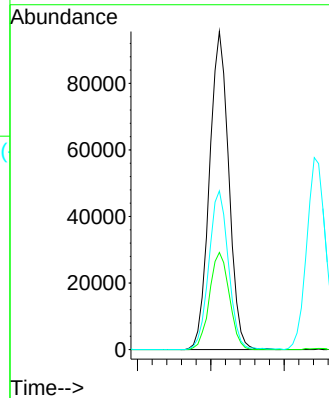
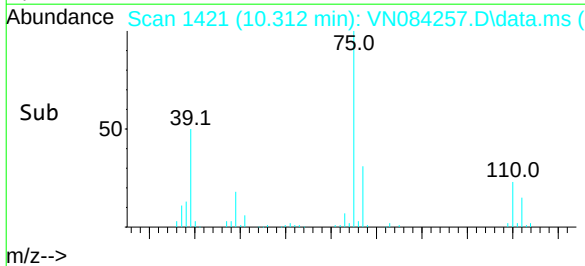
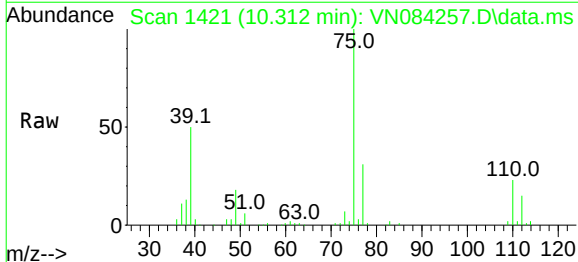
Manual Integrations
APPROVED

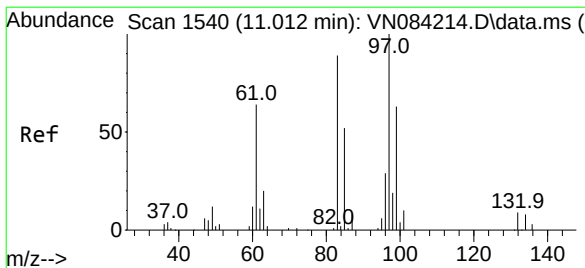
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#54
cis-1,3-Dichloropropene
Concen: 50.348 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 75 Resp: 174911
Ion Ratio Lower Upper
75 100
77 30.5 24.2 36.2
39 49.9 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 52.363 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 102262

Ion Ratio Lower Upper

97 100

83 83.4 71.0 106.4

85 52.8 41.7 62.5

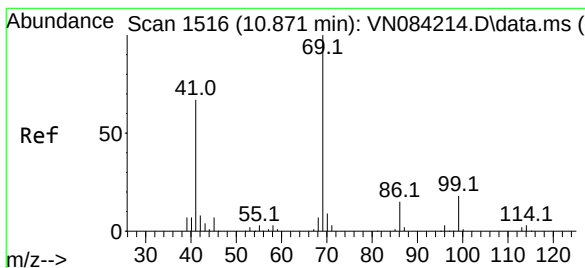
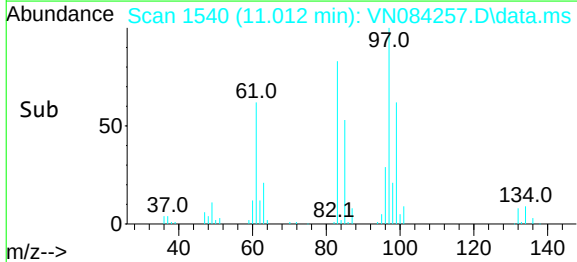
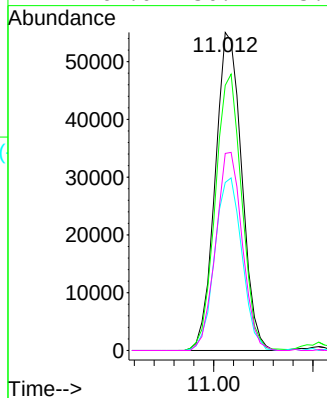
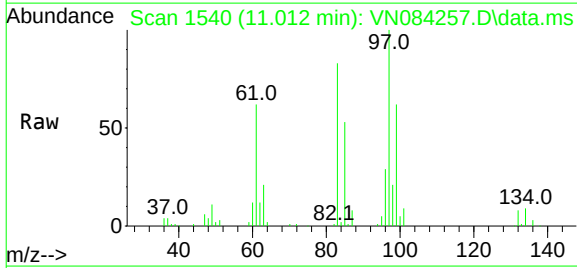
99 62.0 50.1 75.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#56

Ethyl methacrylate

Concen: 52.592 ug/l

RT: 10.870 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

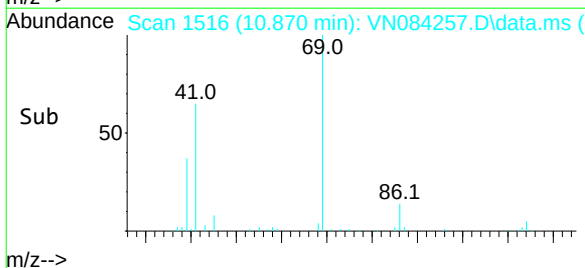
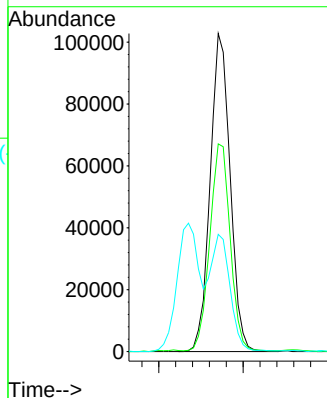
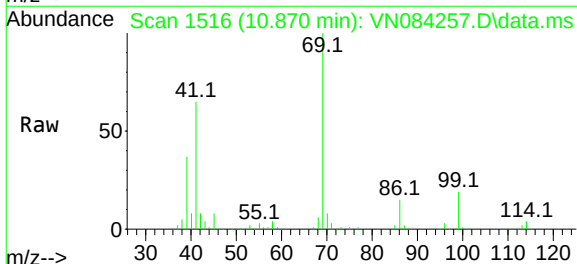
Tgt Ion: 69 Resp: 169005

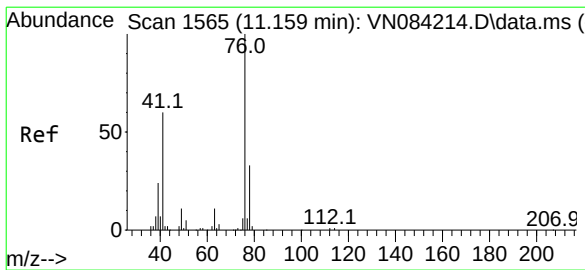
Ion Ratio Lower Upper

69 100

41 66.3 53.3 79.9

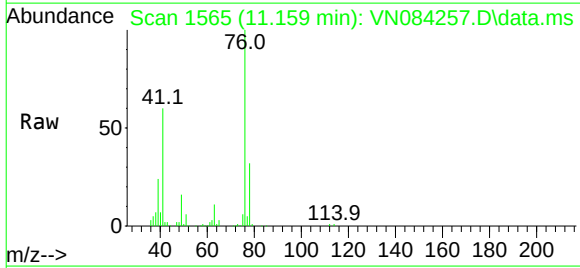
39 36.8 28.8 43.2





#57
1,3-Dichloropropane
Concen: 50.884 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

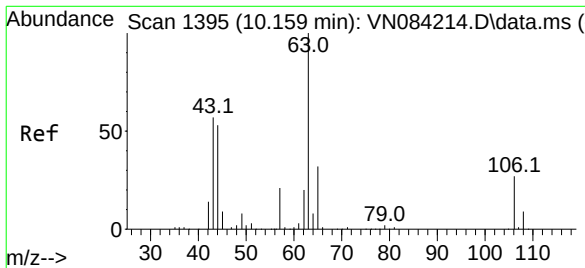
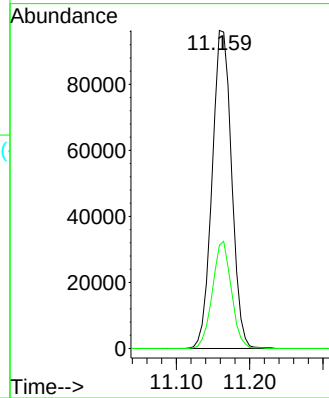
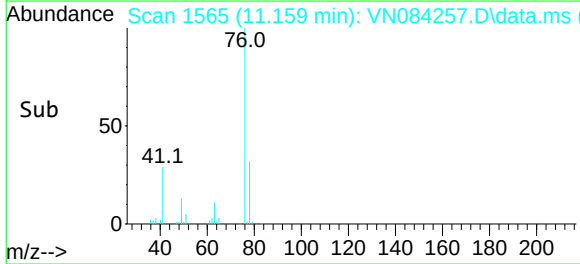
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 177568
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6

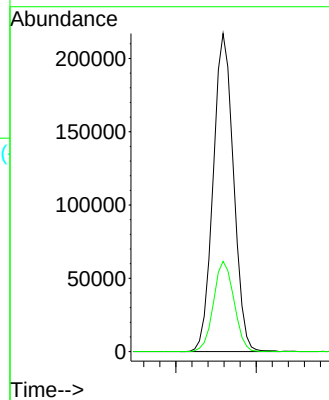
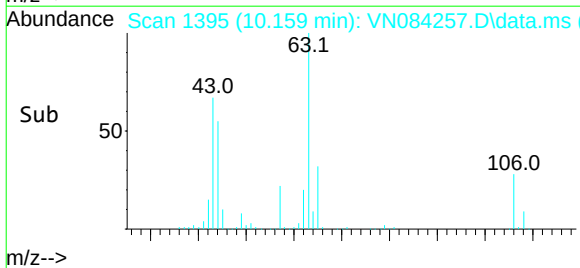
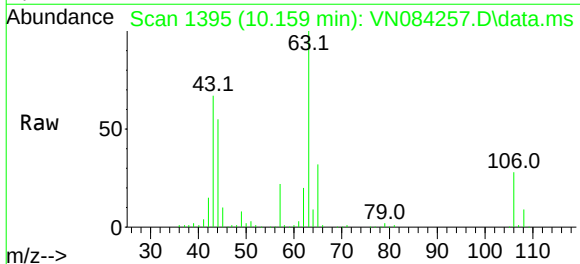
Manual Integrations
APPROVED

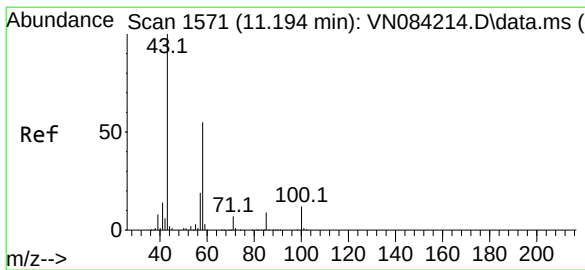
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#58
2-Chloroethyl Vinyl ether
Concen: 255.976 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

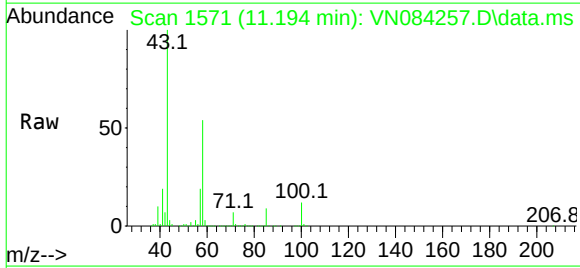
Tgt Ion: 63 Resp: 381588
Ion Ratio Lower Upper
63 100
106 28.5 21.8 32.6





#59
2-Hexanone
Concen: 257.420 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

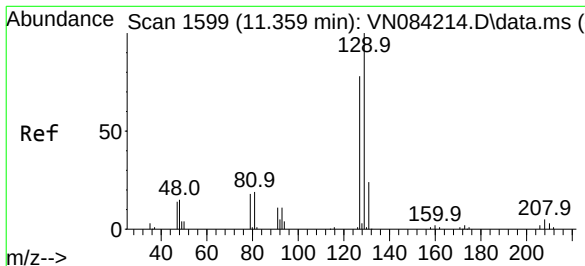
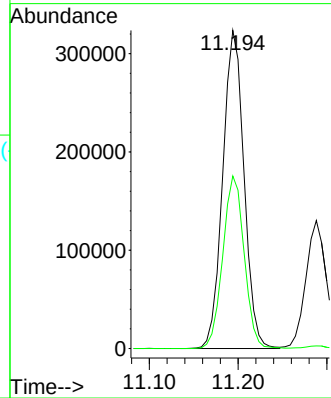
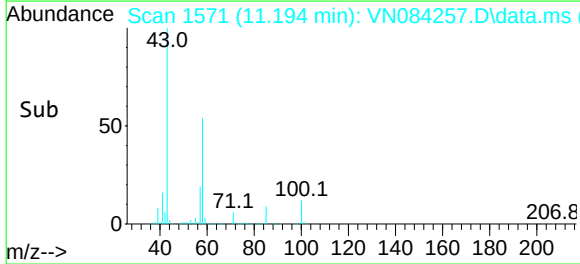
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 538776
Ion Ratio Lower Upper
43 100
58 54.4 27.3 81.8

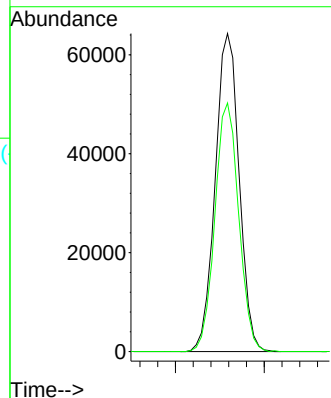
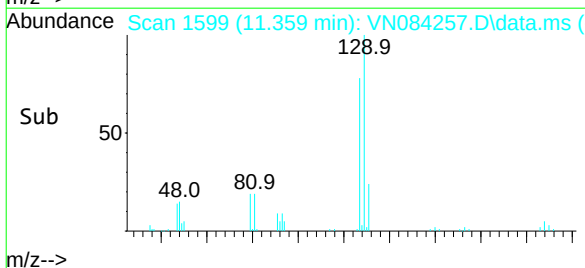
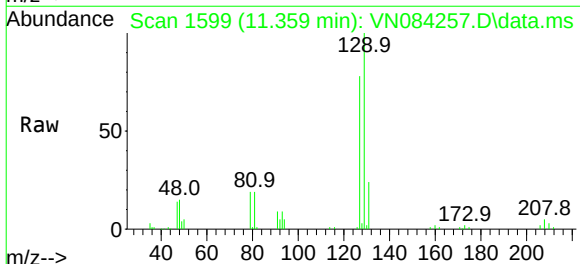
Manual Integrations
APPROVED

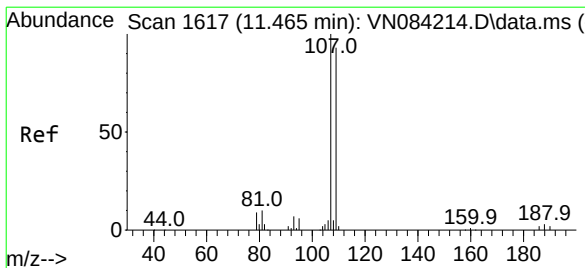
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#60
Dibromochloromethane
Concen: 52.086 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:129 Resp: 120188
Ion Ratio Lower Upper
129 100
127 78.0 38.3 114.9





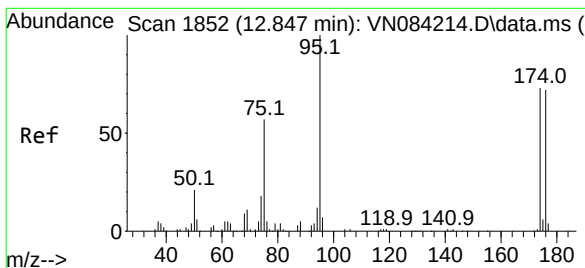
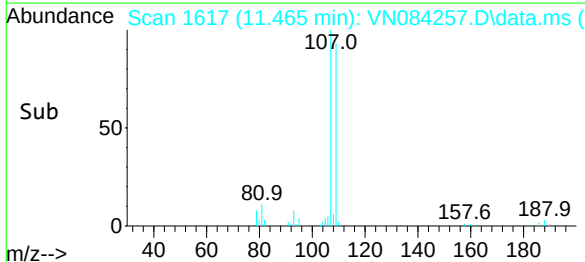
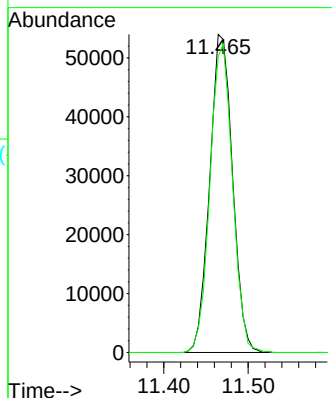
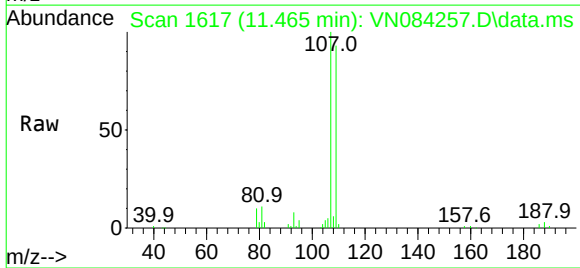
#61
1,2-Dibromoethane
Concen: 50.155 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 107 Resp: 101779
Ion Ratio Lower Upper
107 100
109 95.5 75.4 113.0

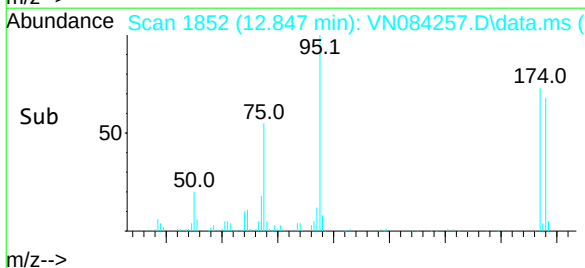
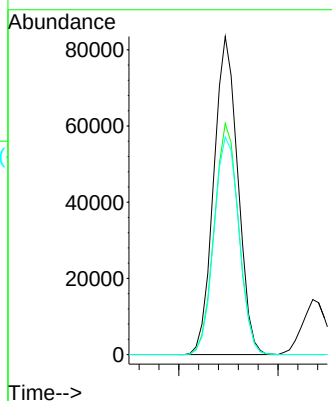
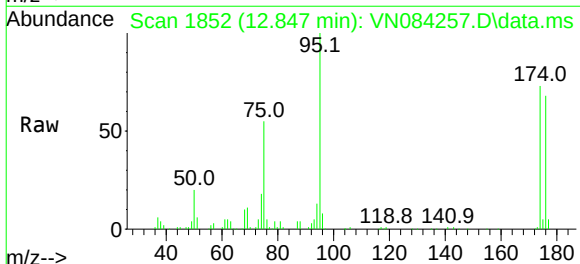
Manual Integrations
APPROVED

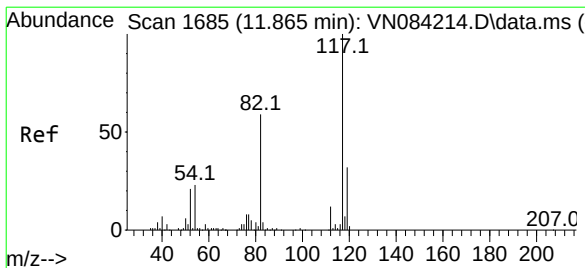
Reviewed By : John Carlone 10/03/2024
Supervised By : Semsettin Yesilyurt 10/03/2024



#62
4-Bromofluorobenzene
Concen: 53.272 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 95 Resp: 140949
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.2
176 71.3 0.0 140.0





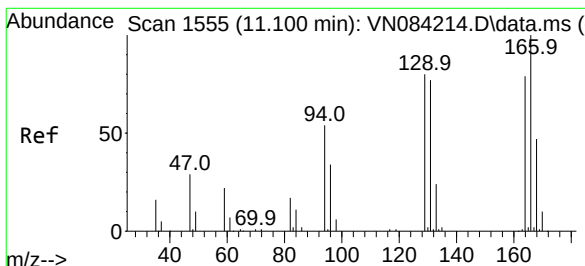
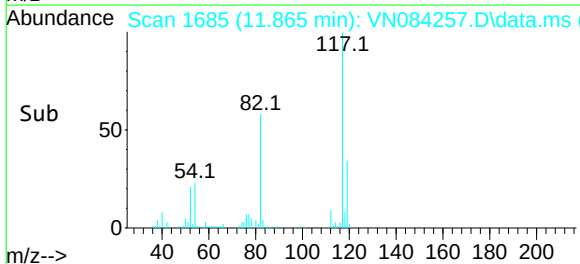
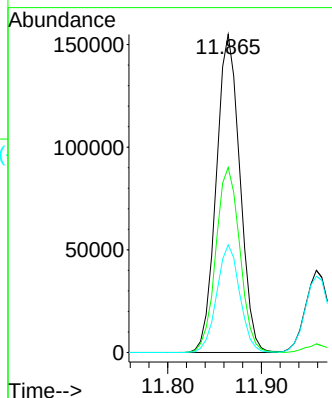
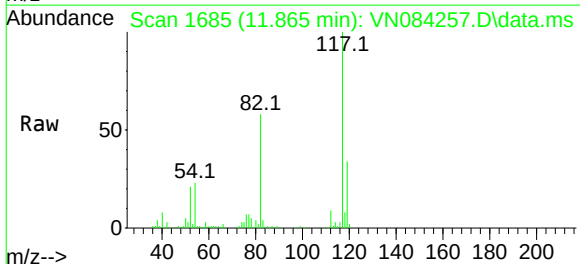
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 271803
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 33.9 25.4 38.0

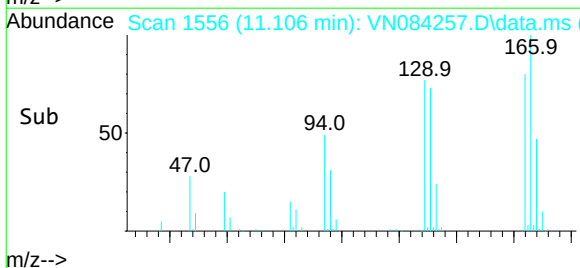
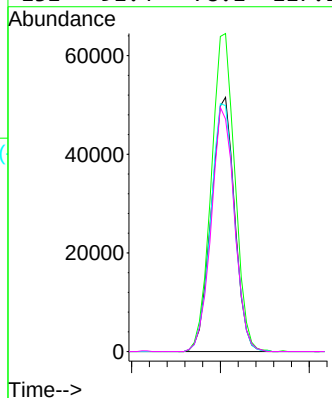
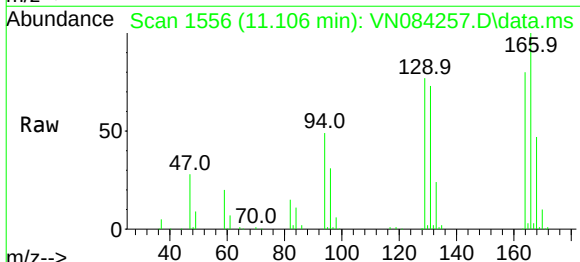
Manual Integrations
APPROVED

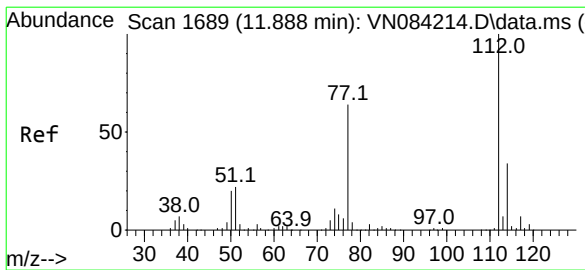
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#64
Tetrachloroethene
Concen: 49.793 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:164 Resp: 94266
Ion Ratio Lower Upper
164 100
166 125.1 101.0 151.4
129 96.7 80.8 121.2
131 91.4 78.1 117.1





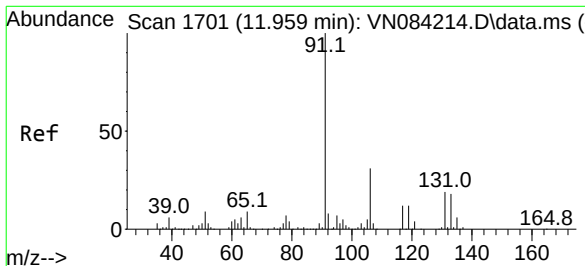
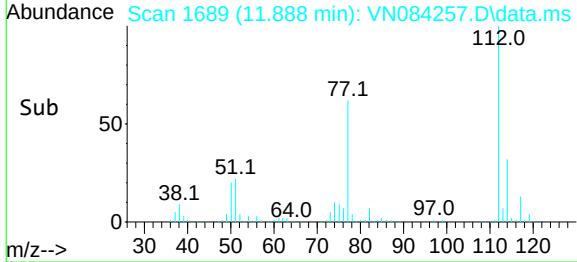
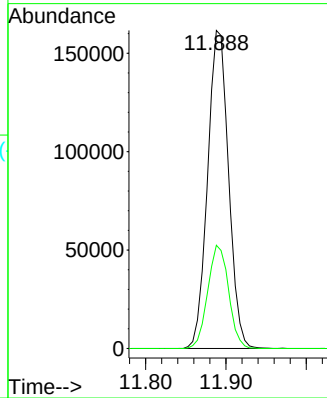
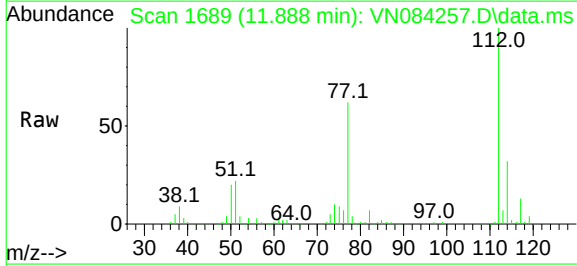
#65
Chlorobenzene
Concen: 48.552 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 292599
Ion Ratio Lower Upper
112 100
114 32.5 27.0 40.6

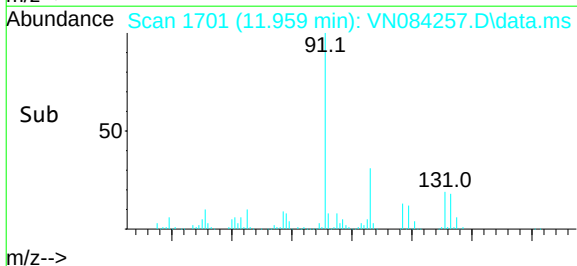
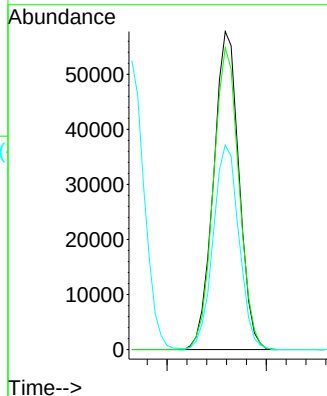
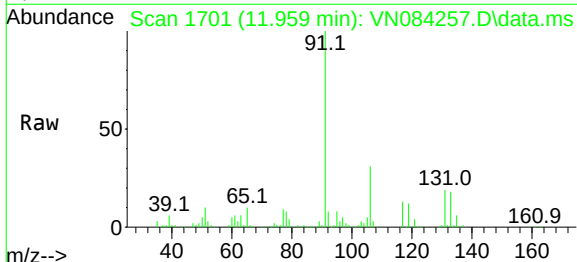
Manual Integrations
APPROVED

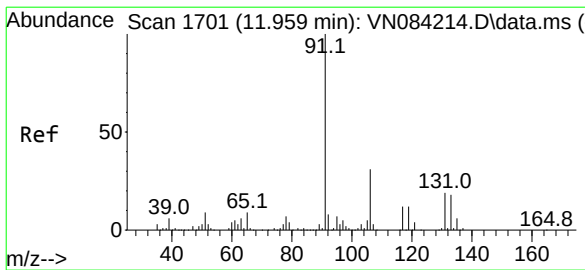
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 49.669 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:131 Resp: 103102
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.7
119 65.0 32.8 98.3





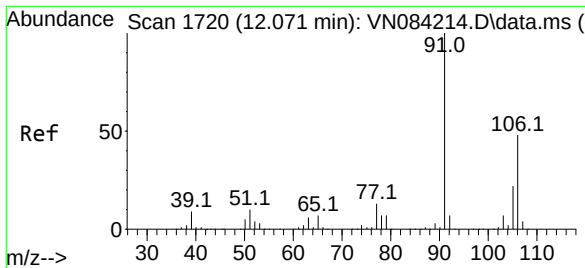
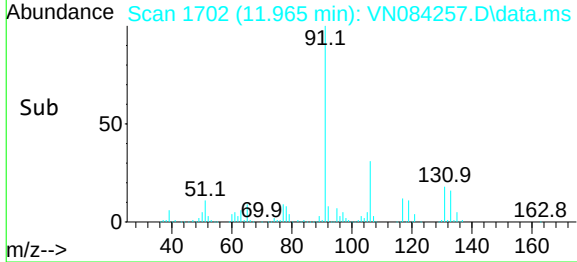
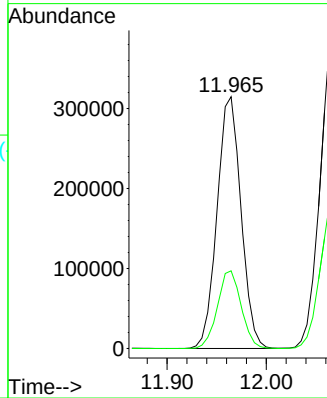
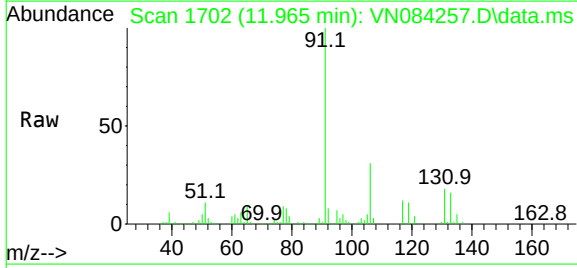
#67
Ethyl Benzene
Concen: 49.542 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 528007
Ion Ratio Lower Upper
91 100
106 30.8 24.5 36.7

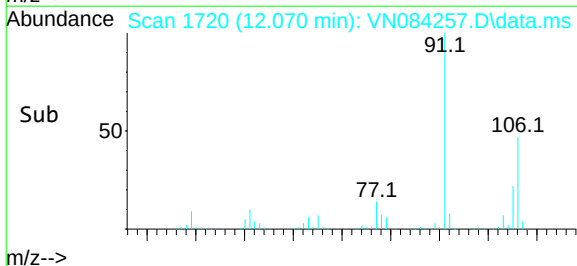
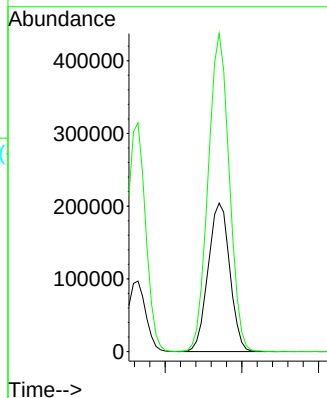
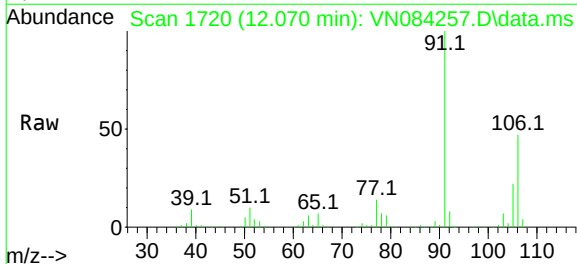
Manual Integrations
APPROVED

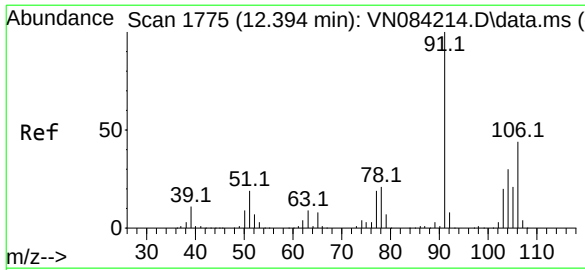
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#68
m/p-Xylenes
Concen: 101.509 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:106 Resp: 400187
Ion Ratio Lower Upper
106 100
91 209.1 167.1 250.7





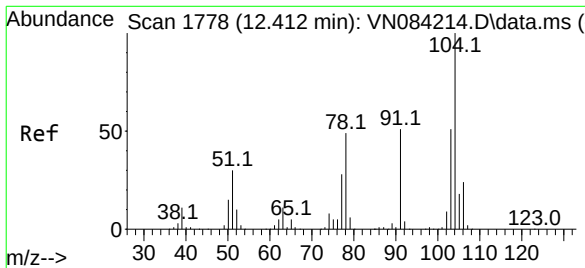
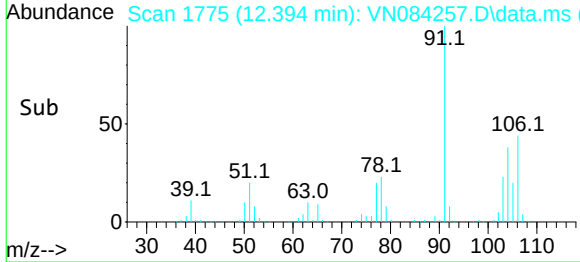
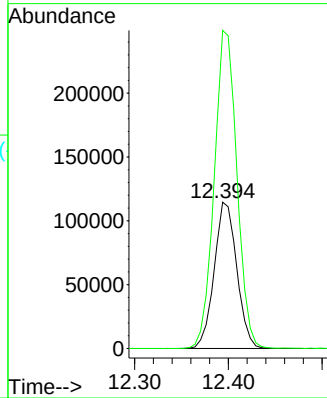
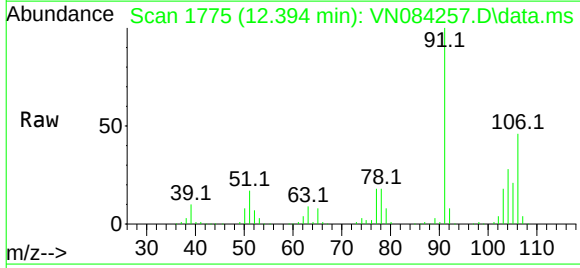
#69
o-Xylene
Concen: 51.336 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 191479
Ion Ratio Lower Upper
106 100
91 218.6 110.2 330.6

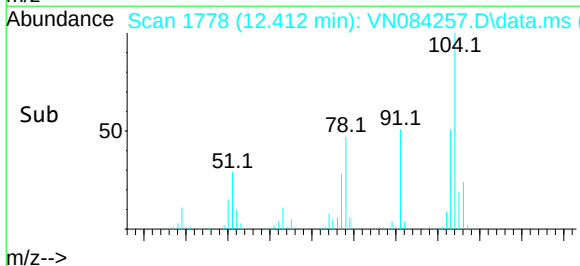
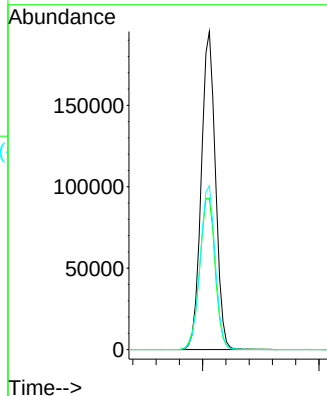
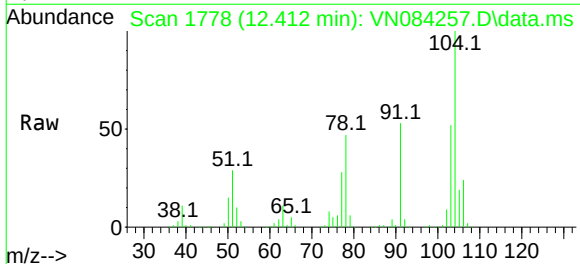
Manual Integrations
APPROVED

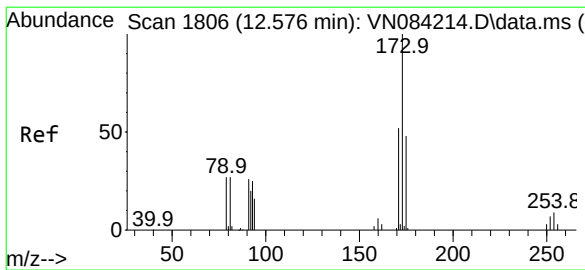
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#70
Styrene
Concen: 52.557 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:104 Resp: 332043
Ion Ratio Lower Upper
104 100
78 51.9 42.7 64.1
103 54.5 43.6 65.4





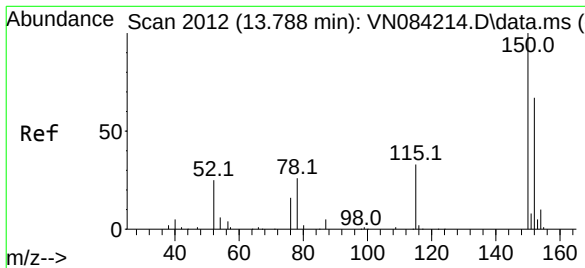
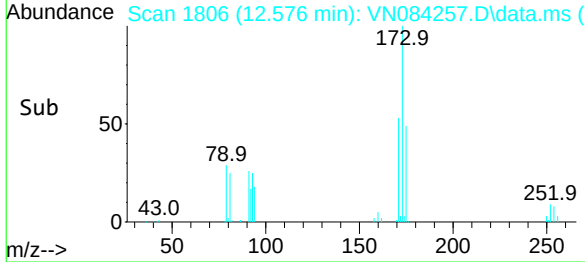
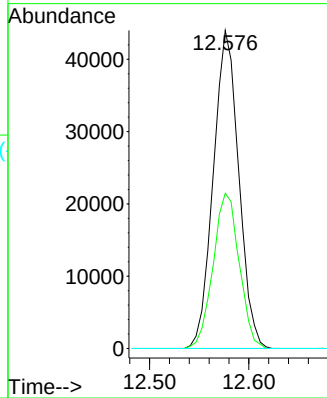
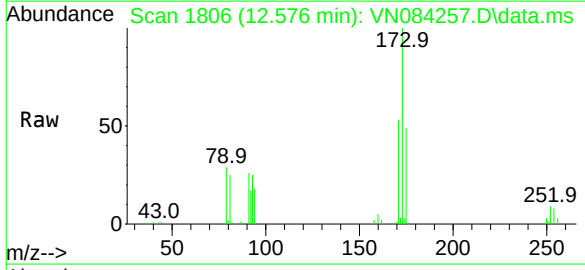
#71
Bromoform
Concen: 51.312 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	23.5	70.6
254	0.0	0.0	0.0

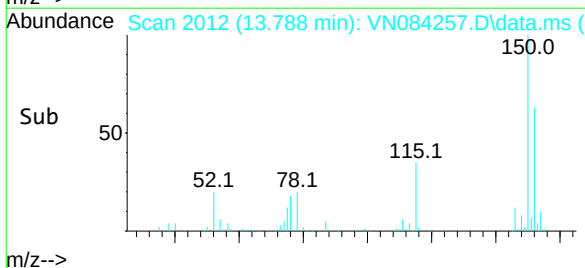
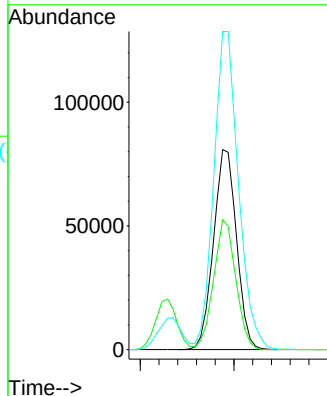
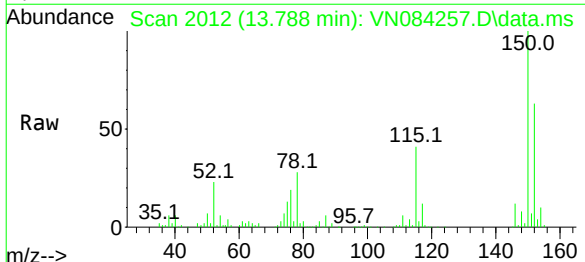
Manual Integrations
APPROVED

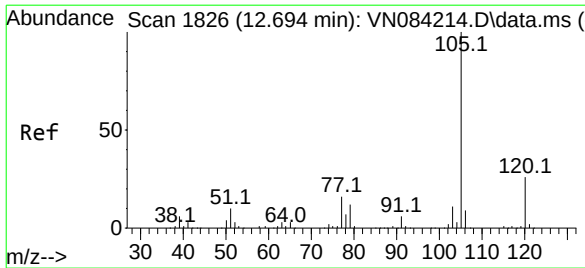
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.9
150	170.9	0.0	349.8





#73

Isopropylbenzene

Concen: 46.611 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 490616

Ion Ratio Lower Upper

105 100

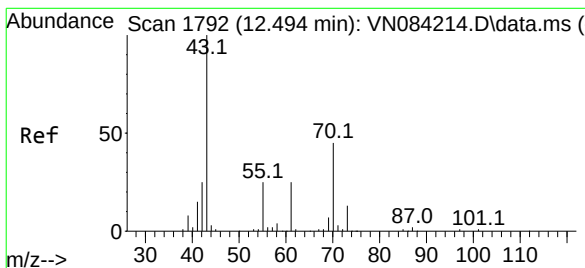
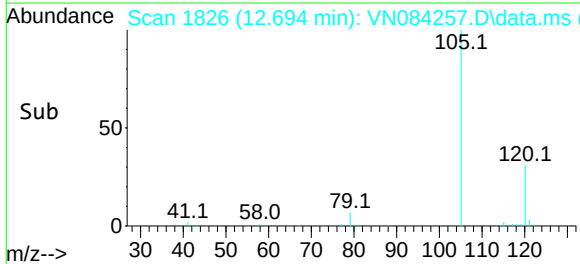
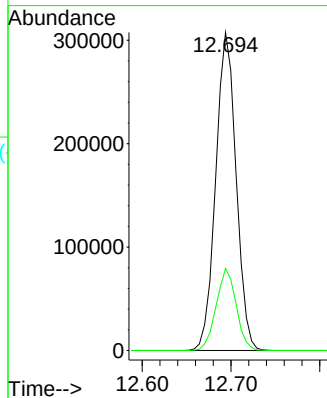
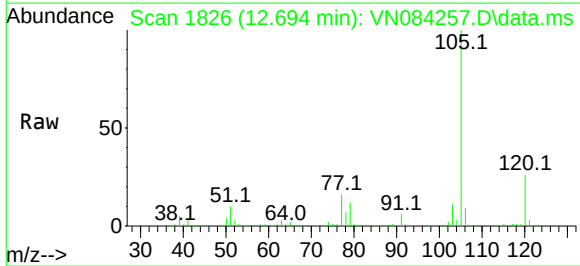
120 25.3 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#74

N-ethyl acetate

Concen: 45.081 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Tgt Ion: 43 Resp: 214874

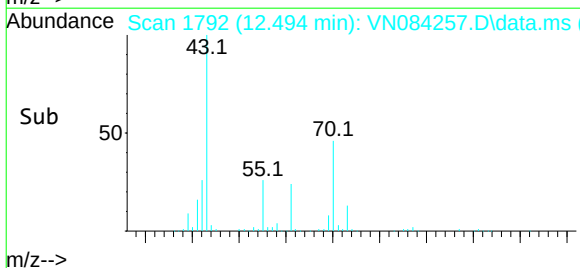
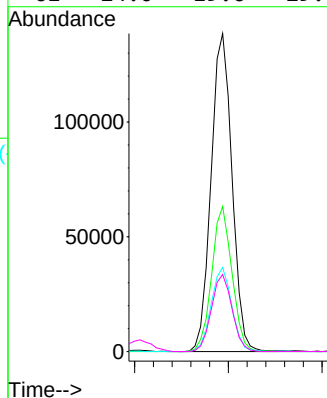
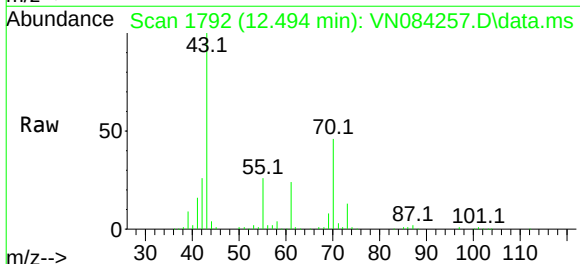
Ion Ratio Lower Upper

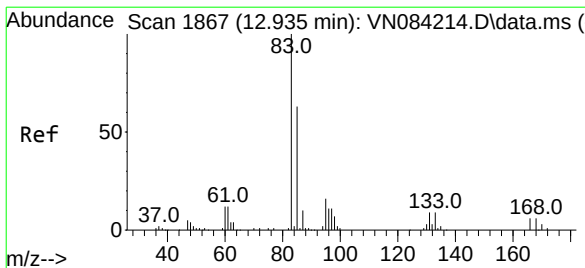
43 100

70 44.1 34.4 51.6

55 26.1 19.6 29.4

61 24.0 19.6 29.4





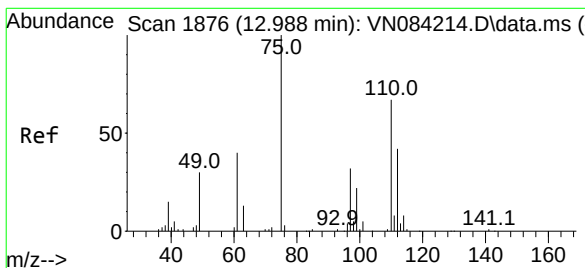
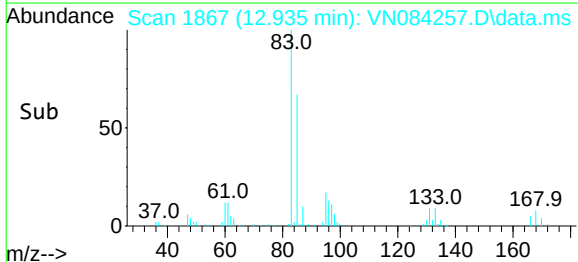
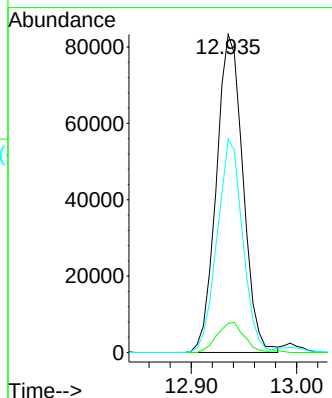
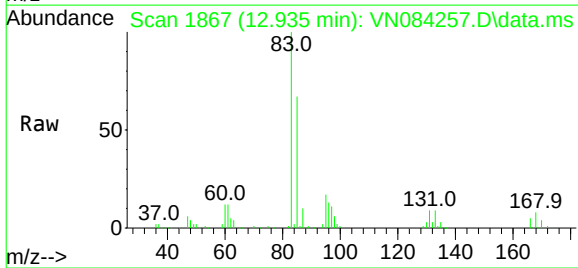
#75
1,1,2,2-Tetrachloroethane
Concen: 46.199 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion	83	Resp	146220
Ion	Ratio	Lower	Upper
83	100		
131	9.9	4.9	14.7
85	64.4	31.9	95.7

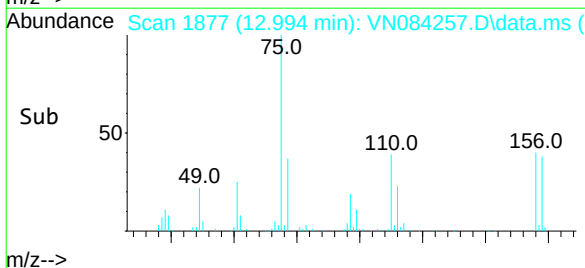
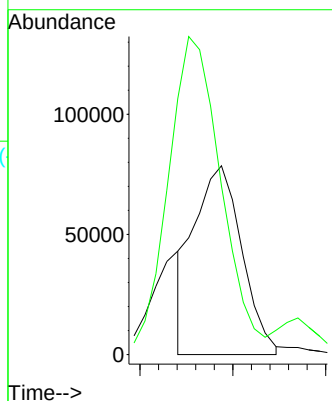
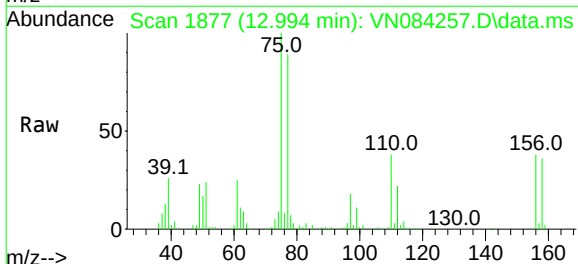
Manual Integrations
APPROVED

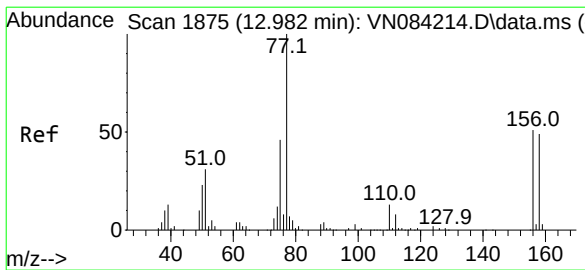
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#76
1,2,3-Trichloropropane
Concen: 49.734 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion	75	Resp	140050
Ion	Ratio	Lower	Upper
75	100		
77	187.7	96.9	290.7





#77

Bromobenzene

Concen: 45.890 ug/l

RT: 12.976 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

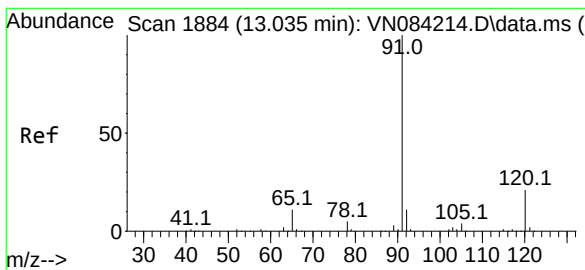
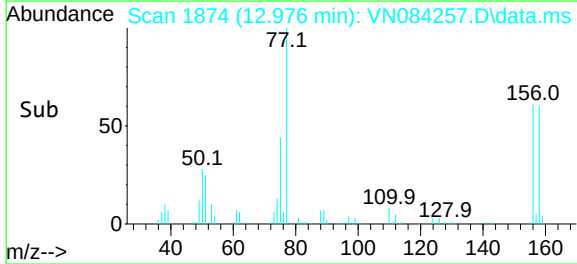
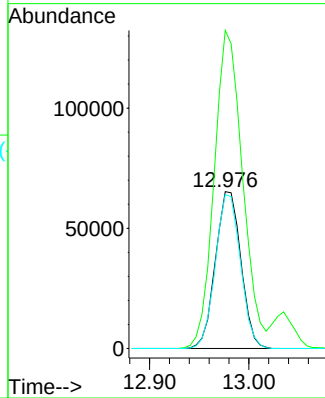
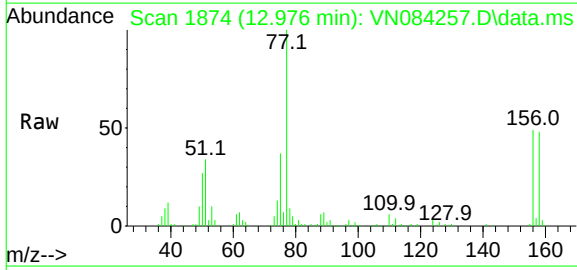
Tgt Ion:	156	Resp:	116512
Ion Ratio	Lower	Upper	
156	100		
77	225.6	115.1	345.3
158	96.7	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#78

n-propylbenzene

Concen: 48.514 ug/l

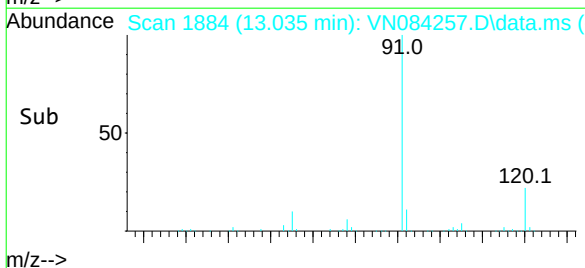
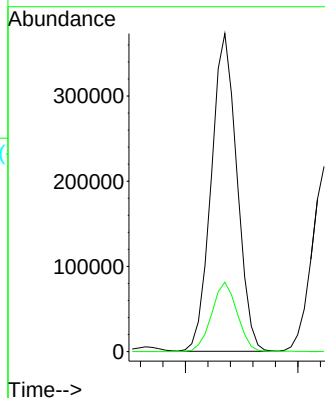
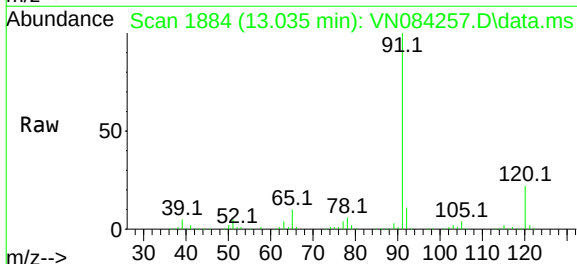
RT: 13.035 min Scan# 1884

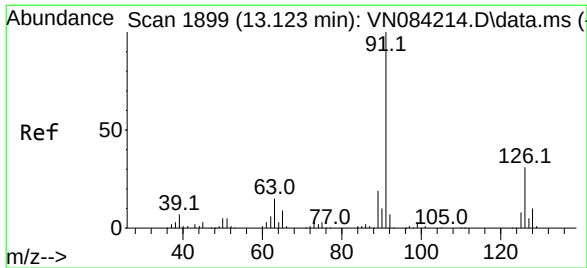
Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Tgt Ion:	91	Resp:	591639
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.8	32.4





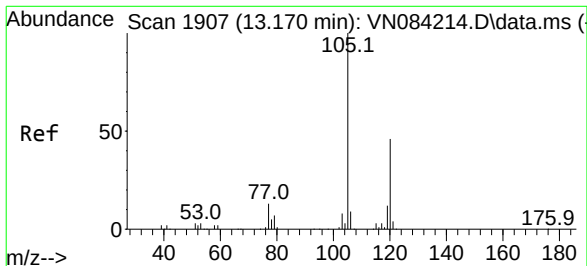
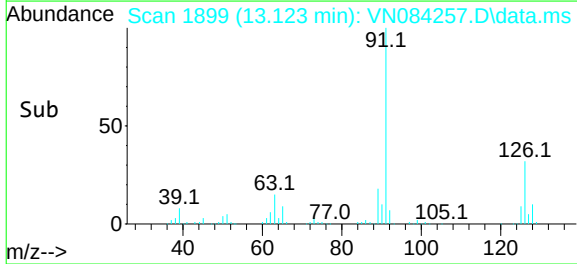
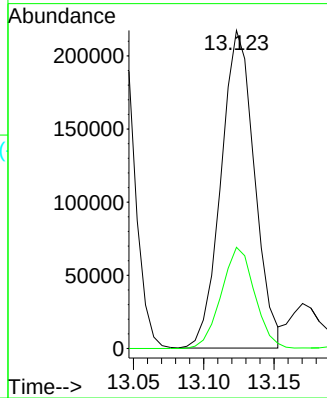
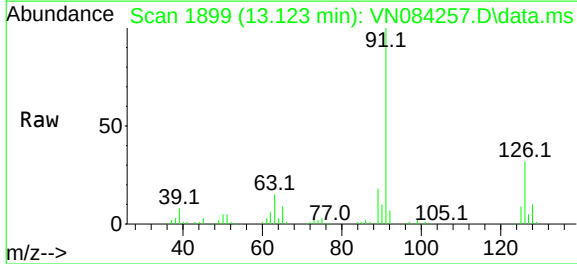
#79
2-Chlorotoluene
Concen: 46.204 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 359553
Ion Ratio Lower Upper
91 100
126 31.8 15.7 47.1

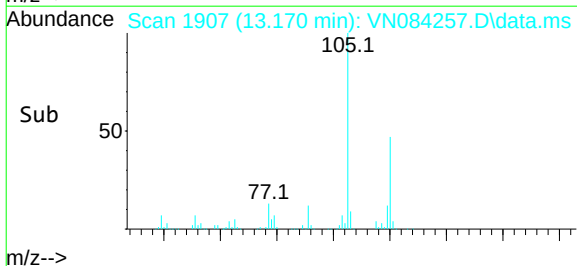
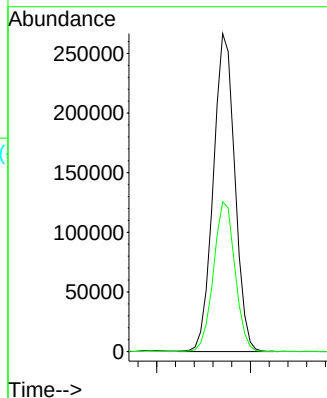
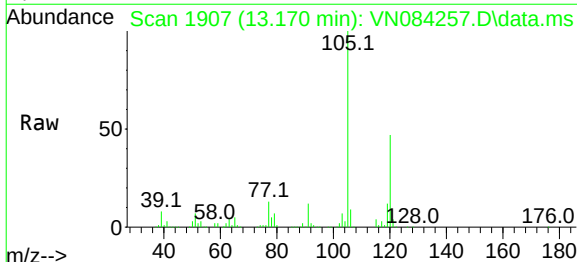
Manual Integrations
APPROVED

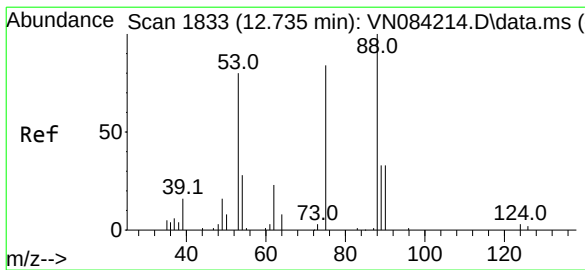
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#80
1,3,5-Trimethylbenzene
Concen: 49.622 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

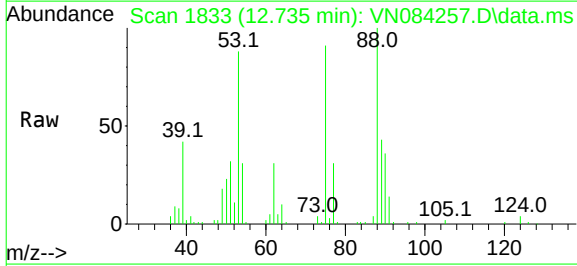
Tgt Ion:105 Resp: 426058
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 44.144 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

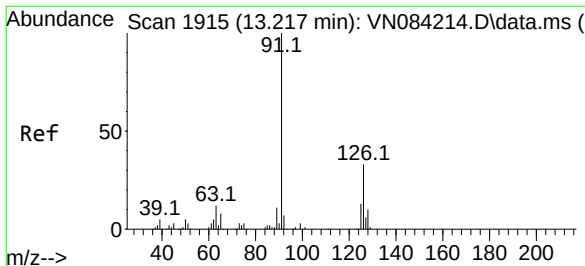
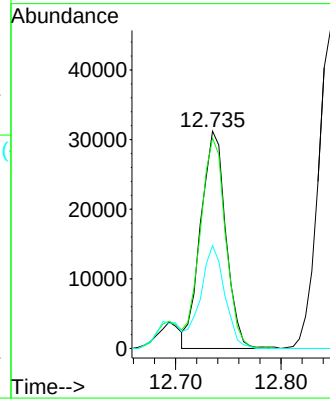
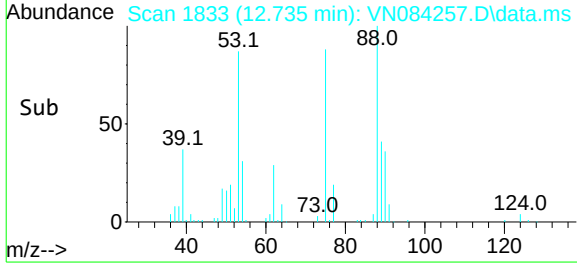
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 51851
Ion Ratio Lower Upper
75 100
53 97.4 78.0 117.0
89 46.1 35.5 53.3

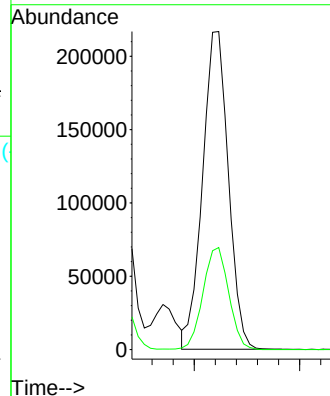
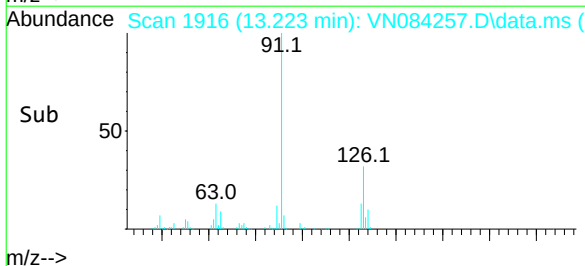
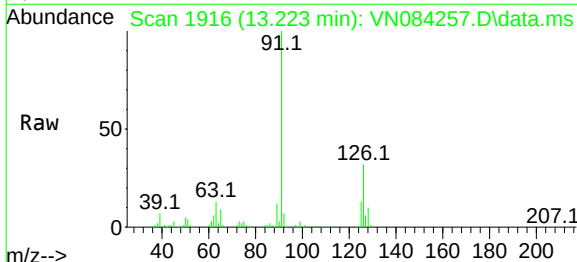
Manual Integrations
APPROVED

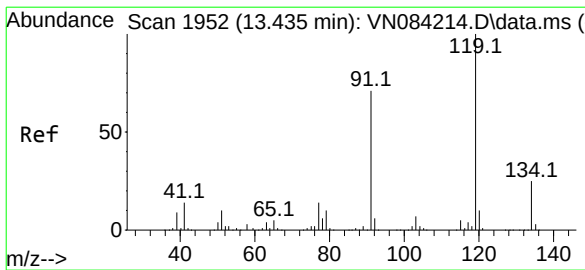
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#82
4-Chlorotoluene
Concen: 47.010 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 91 Resp: 368263
Ion Ratio Lower Upper
91 100
126 32.1 15.7 47.1





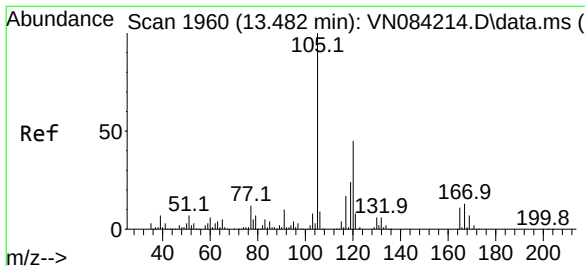
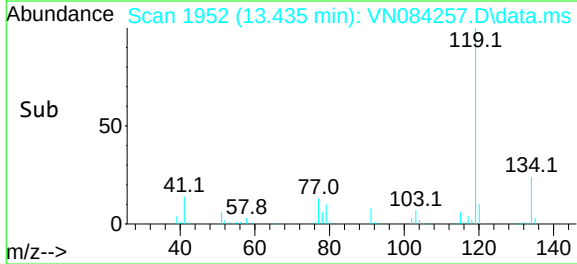
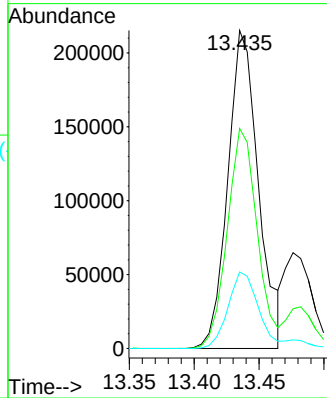
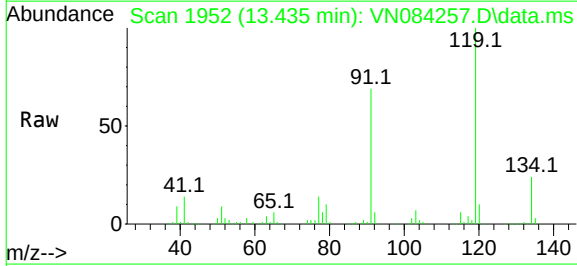
#83
tert-Butylbenzene
Concen: 46.307 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 353380
Ion Ratio Lower Upper
119 100
91 67.8 34.1 102.3
134 24.1 12.8 38.4

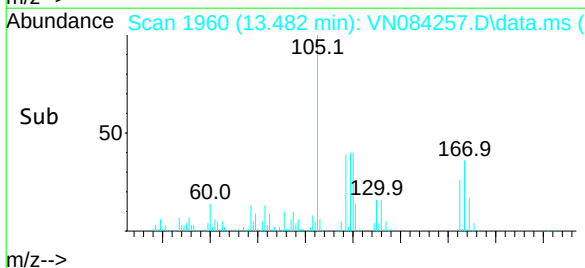
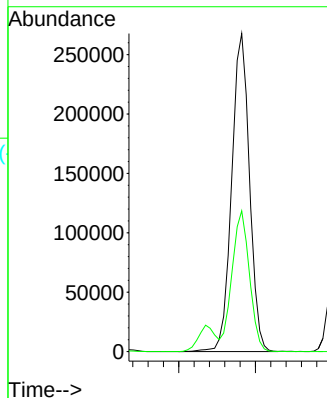
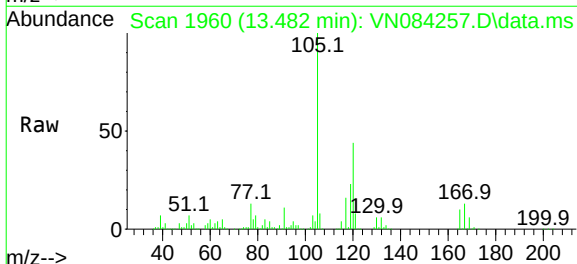
Manual Integrations
APPROVED

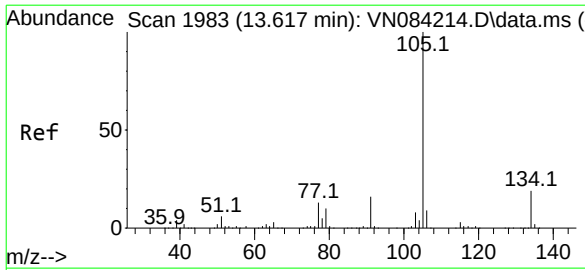
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#84
1,2,4-Trimethylbenzene
Concen: 49.836 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion:105 Resp: 431054
Ion Ratio Lower Upper
105 100
120 43.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 48.264 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 491489

Ion Ratio Lower Upper

105 100

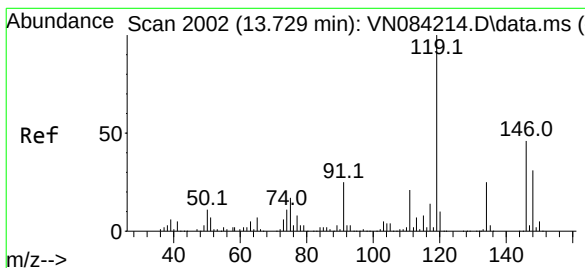
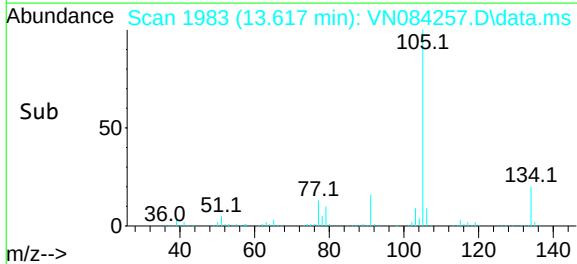
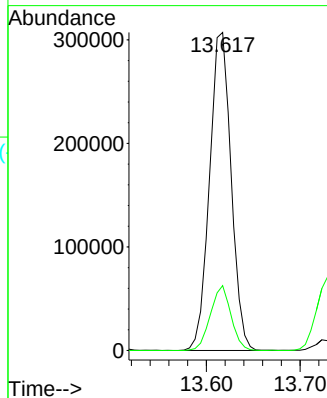
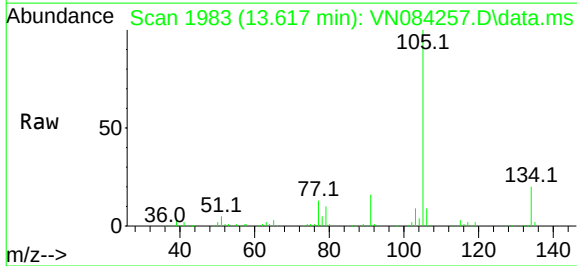
134 19.4 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#86

p-Isopropyltoluene

Concen: 48.997 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

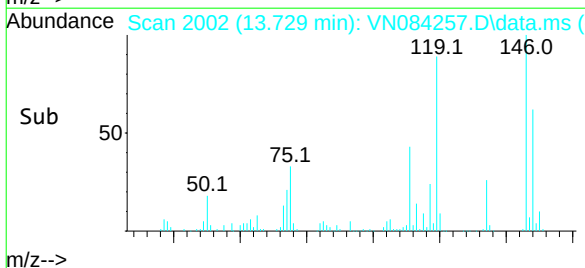
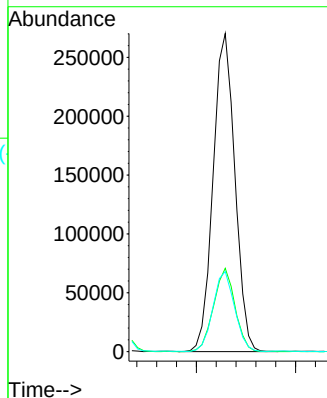
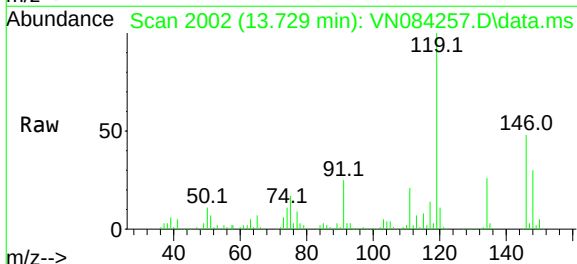
Tgt Ion:119 Resp: 412591

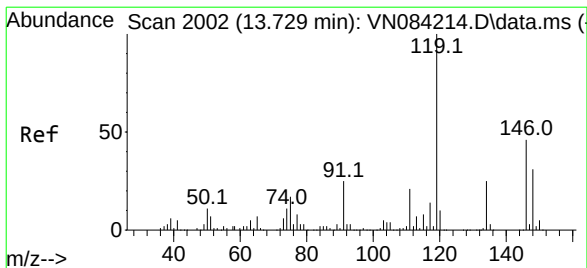
Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.185 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084257.D

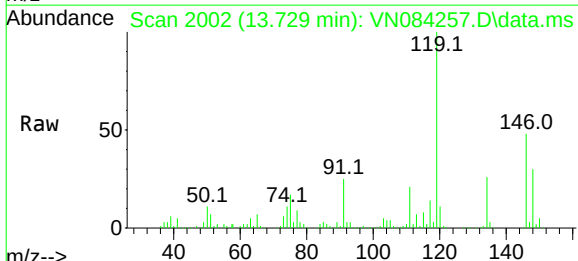
Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



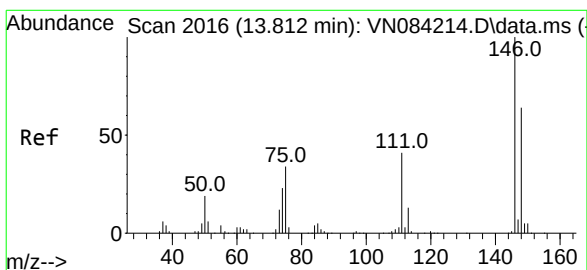
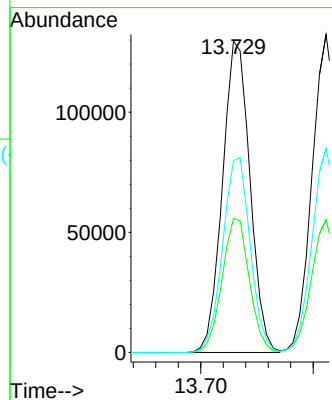
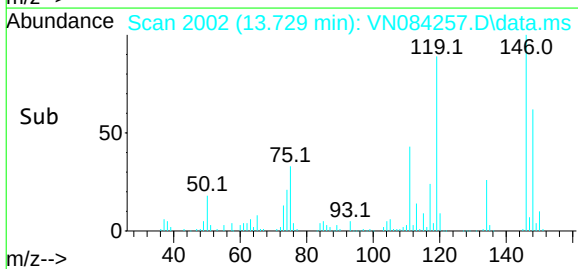
Tgt Ion:	146	Resp:	219979
Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.8	65.3
148	63.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#88

1,4-Dichlorobenzene

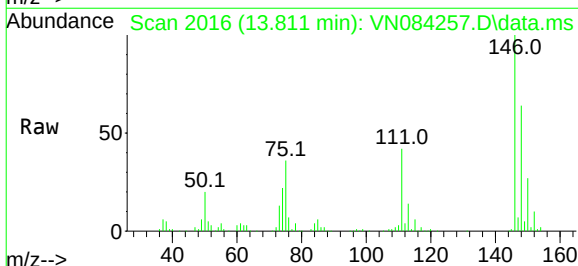
Concen: 45.284 ug/l

RT: 13.811 min Scan# 2016

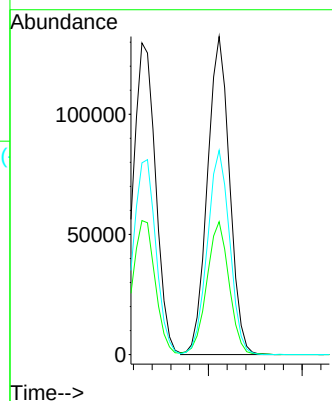
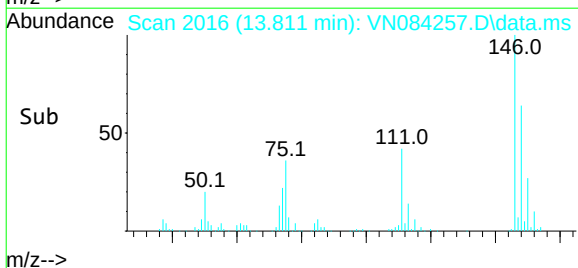
Delta R.T. -0.000 min

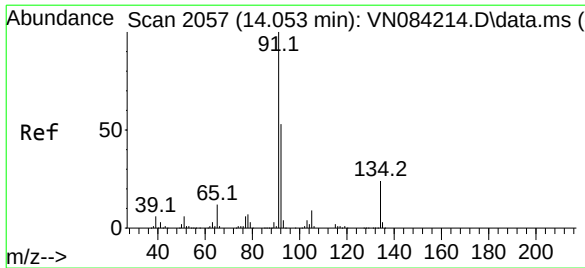
Lab File: VN084257.D

Acq: 02 Oct 2024 11:15



Tgt Ion:	146	Resp:	217816
Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.2	63.6
148	64.6	31.9	95.9





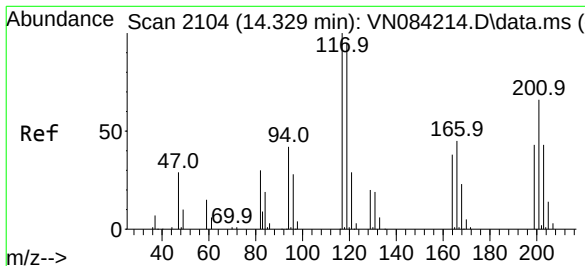
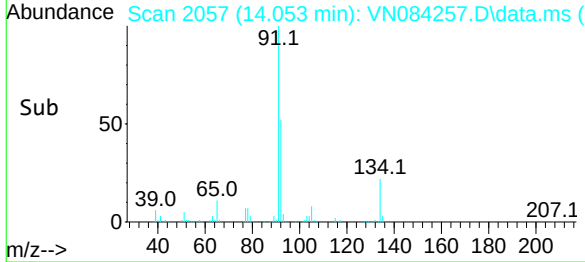
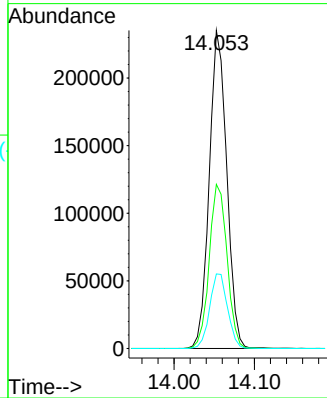
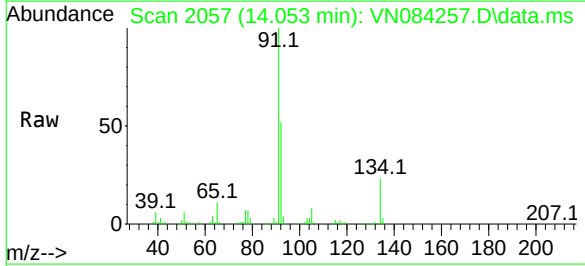
#89
n-Butylbenzene
Concen: 46.578 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	91	Resp:	355649
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	23.9	12.3	36.9

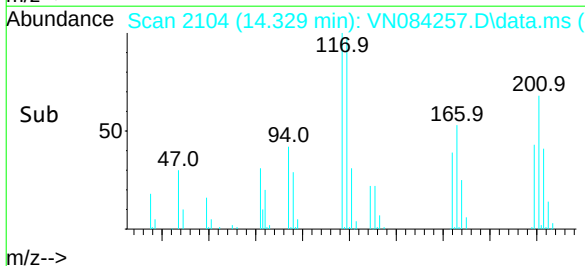
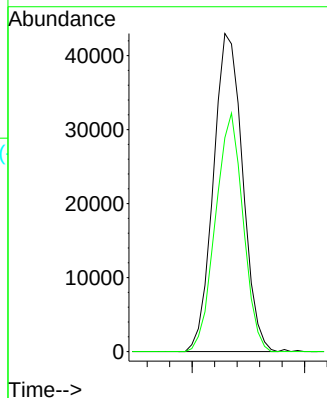
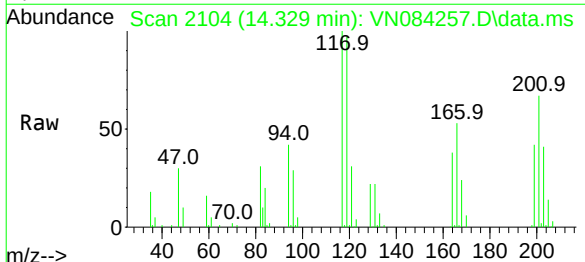
Manual Integrations
APPROVED

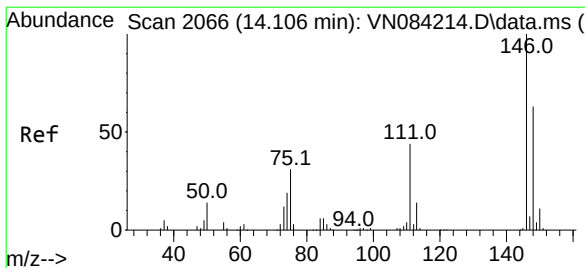
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#90
Hexachloroethane
Concen: 45.355 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

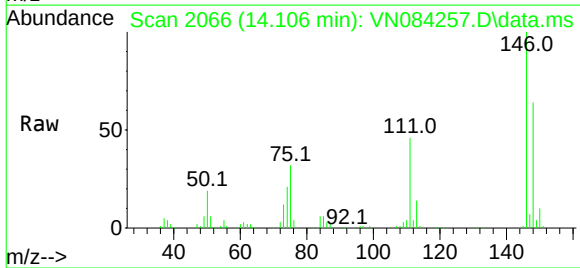
Tgt Ion:	117	Resp:	77524
Ion	Ratio	Lower	Upper
117	100		
201	70.8	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 45.178 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

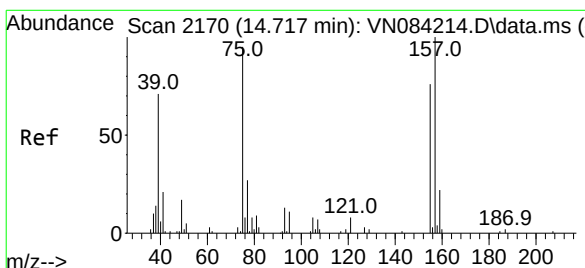
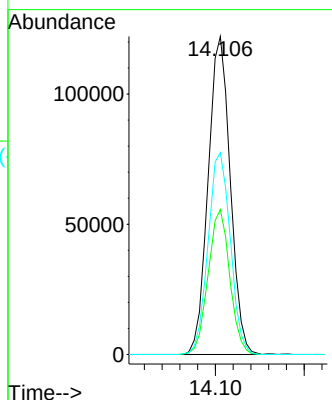
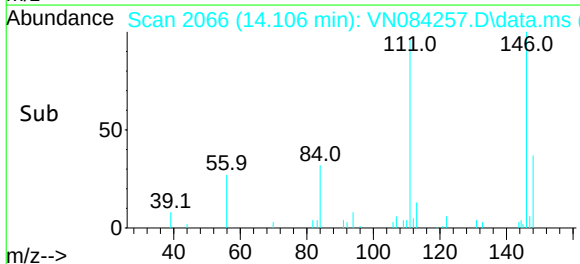
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 211001
Ion Ratio Lower Upper
146 100
111 44.6 22.0 66.0
148 64.0 32.1 96.3

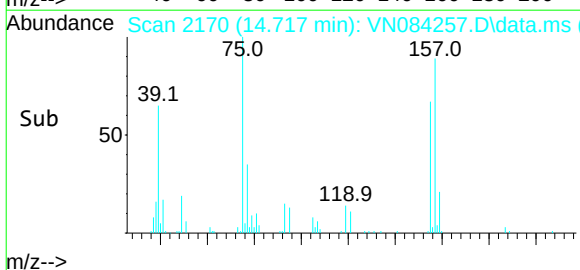
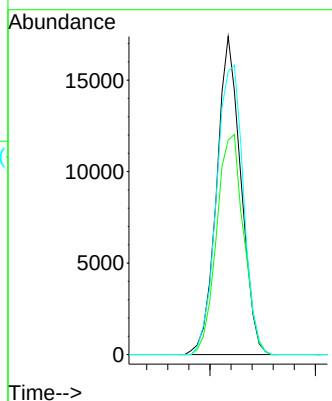
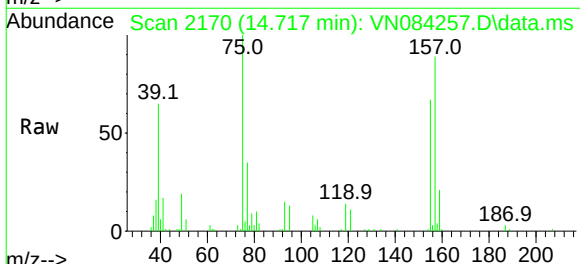
Manual Integrations
APPROVED

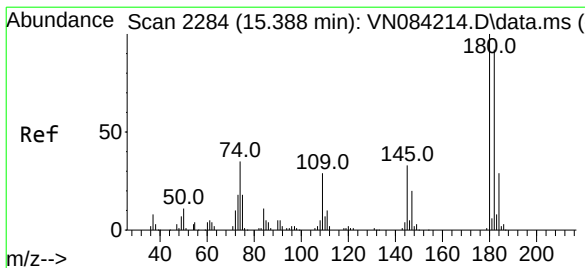
Reviewed By :John Carlone 10/03/2024
Supervised By :Semsettin Yesilyurt 10/03/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.659 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084257.D
Acq: 02 Oct 2024 11:15

Tgt Ion: 75 Resp: 27862
Ion Ratio Lower Upper
75 100
155 76.9 38.1 114.5
157 100.7 49.6 149.0





#93

1,2,4-Trichlorobenzene

Concen: 45.088 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 103720

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.0

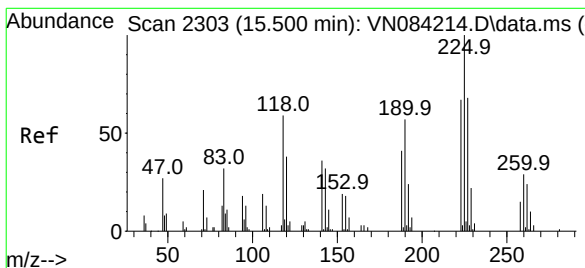
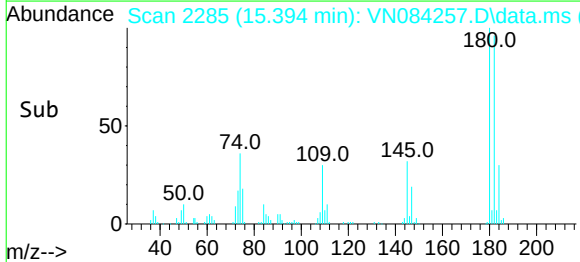
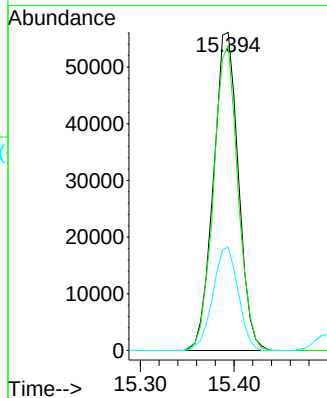
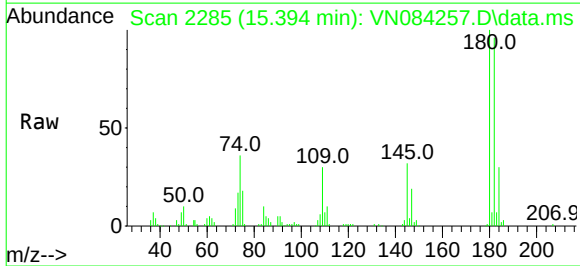
145 33.0 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#94

Hexachlorobutadiene

Concen: 38.768 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

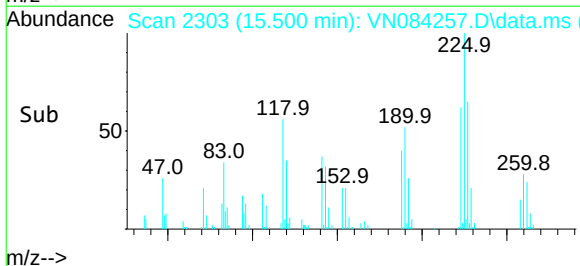
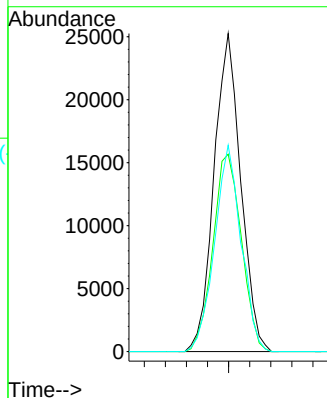
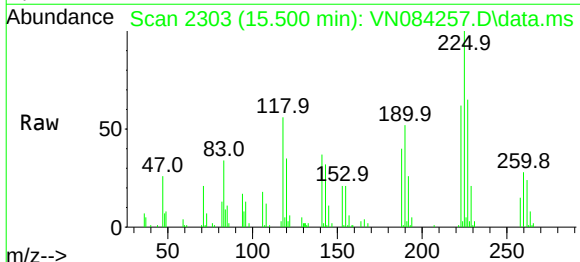
Tgt Ion:225 Resp: 44475

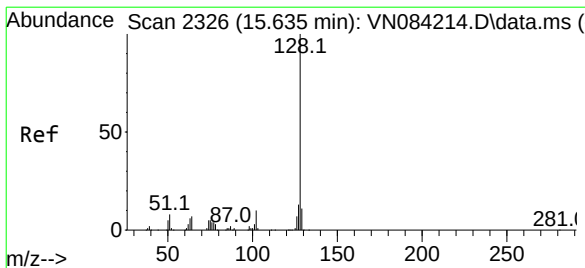
Ion Ratio Lower Upper

225 100

223 66.3 32.4 97.2

227 64.4 32.4 97.0





#95

Naphthalene

Concen: 43.323 ug/l

RT: 15.641 min Scan# 23

Delta R.T. 0.006 min

Lab File: VN084257.D

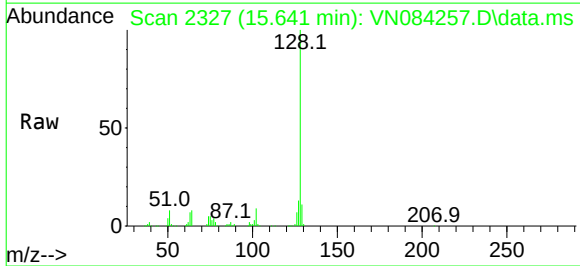
Acq: 02 Oct 2024 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



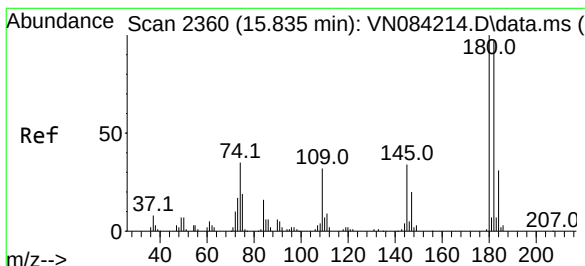
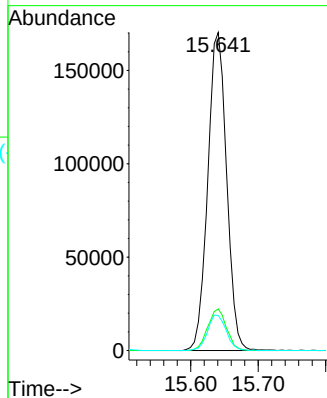
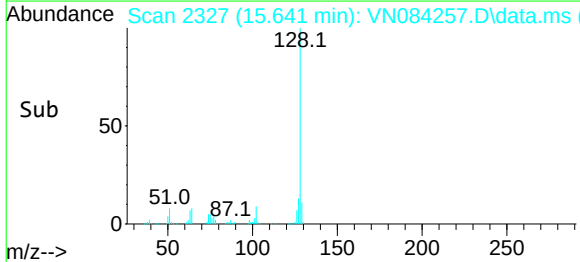
Tgt Ion:	128	Resp:	330396
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/03/2024

Supervised By :Semsettin Yesilyurt 10/03/2024



#96

1,2,3-Trichlorobenzene

Concen: 44.004 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084257.D

Acq: 02 Oct 2024 11:15

Tgt Ion:	180	Resp:	101329
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.2	144.6
145	36.0	17.3	51.9

