

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111424\
 Data File : VN084846.D
 Acq On : 14 Nov 2024 12:50
 Operator : JC\MD
 Sample : VN1114WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/15/2024
 Supervised By : Mahesh Dadoda 11/15/2024

Quant Time: Nov 15 00:44:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	169550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	270058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114124	46.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.200%
35) Dibromofluoromethane	8.159	113	92823	50.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	10.565	98	330275	49.049	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.847	95	124800	49.591	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.180%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	37847	19.418	ug/l 88
3) Chloromethane	2.359	50	41236	16.333	ug/l 99
4) Vinyl Chloride	2.512	62	45362	21.638	ug/l 99
5) Bromomethane	2.901	94	22816	20.541	ug/l 93
6) Chloroethane	3.083	64	28977	21.536	ug/l # 88
7) Trichlorofluoromethane	3.477	101	68652	19.880	ug/l 98
8) Diethyl Ether	3.959	74	24825	20.379	ug/l 97
9) 1,1,2-Trichlorotrifluo...	4.353	101	40451	20.730	ug/l 98
10) Methyl Iodide	4.577	142	54005	20.708	ug/l 90
11) Tert butyl alcohol	5.542	59	31647	97.904	ug/l 95
12) 1,1-Dichloroethene	4.330	96	36223	18.760	ug/l 99
13) Acrolein	4.171	56	31282	97.050	ug/l 97
14) Allyl chloride	5.012	41	55310	17.664	ug/l 97
15) Acrylonitrile	5.718	53	88439	94.508	ug/l 100
16) Acetone	4.424	43	73518	102.243	ug/l 98
17) Carbon Disulfide	4.700	76	102779	17.285	ug/l 97
18) Methyl Acetate	5.012	43	46160	15.075	ug/l 97
19) Methyl tert-butyl Ether	5.789	73	120830	20.417	ug/l 99
20) Methylene Chloride	5.271	84	41116	19.090	ug/l 85
21) trans-1,2-Dichloroethene	5.783	96	37615	18.972	ug/l 95
22) Diisopropyl ether	6.665	45	126019	20.254	ug/l 98
23) Vinyl Acetate	6.594	43	429740	100.156	ug/l 96
24) 1,1-Dichloroethane	6.559	63	75613	20.242	ug/l 97
25) 2-Butanone	7.477	43	112446	98.423	ug/l 99
26) 2,2-Dichloropropane	7.477	77	68163	20.965	ug/l 96
27) cis-1,2-Dichloroethene	7.477	96	46070	19.901	ug/l 97
28) Bromochloromethane	7.806	49	30543	20.523	ug/l 90
29) Tetrahydrofuran	7.836	42	71469	94.294	ug/l 93
30) Chloroform	7.959	83	76934	20.235	ug/l 98
31) Cyclohexane	8.253	56	64564	19.097	ug/l 91
32) 1,1,1-Trichloroethane	8.159	97	71181	20.569	ug/l 97
36) 1,1-Dichloropropene	8.365	75	52698	20.787	ug/l 99
37) Ethyl Acetate	7.559	43	47211	20.525	ug/l 100
38) Carbon Tetrachloride	8.359	117	62964	22.220	ug/l 93
39) Methylcyclohexane	9.600	83	58004	22.490	ug/l 98
40) Benzene	8.600	78	167429	20.565	ug/l 97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	28000	22.637	ug/l	96
42) 1,2-Dichloroethane	8.665	62	54596	20.706	ug/l	97
43) Isopropyl Acetate	8.683	43	84927	19.395	ug/l	98
44) Trichloroethene	9.347	130	39866	21.232	ug/l	98
45) 1,2-Dichloropropane	9.612	63	40081	20.986	ug/l	98
46) Dibromomethane	9.706	93	27289	20.249	ug/l	93
47) Bromodichloromethane	9.882	83	58232	20.499	ug/l #	93
48) Methyl methacrylate	9.682	41	36343	20.302	ug/l	95
49) 1,4-Dioxane	9.694	88	13692	431.621	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	229499	104.664	ug/l	96
52) Toluene	10.629	92	102629	21.553	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	60180	20.466	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	65098	20.917	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	38706	21.580	ug/l	97
56) Ethyl methacrylate	10.871	69	57910	22.321	ug/l	93
57) 1,3-Dichloropropane	11.159	76	66297	21.537	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	128541	105.881	ug/l	94
59) 2-Hexanone	11.194	43	172000	107.766	ug/l	97
60) Dibromochloromethane	11.353	129	44196	21.620	ug/l	98
61) 1,2-Dibromoethane	11.465	107	38793	21.120	ug/l	97
64) Tetrachloroethene	11.100	164	34670	22.214	ug/l	97
65) Chlorobenzene	11.888	112	110830	21.113	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	39460	21.612	ug/l	99
67) Ethyl Benzene	11.959	91	187829	21.436	ug/l	96
68) m/p-Xylenes	12.071	106	143326	43.206	ug/l	97
69) o-Xylene	12.394	106	69983	22.552	ug/l	99
70) Styrene	12.406	104	118961	21.975	ug/l	100
71) Bromoform	12.576	173	28661	20.861	ug/l #	96
73) Isopropylbenzene	12.694	105	177802	21.337	ug/l	100
74) N-ethyl acetate	12.494	43	68496	19.313	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.935	83	53689	19.302	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	50712m	21.335	ug/l	
77) Bromobenzene	12.976	156	45069	20.118	ug/l	93
78) n-propylbenzene	13.029	91	207174	21.216	ug/l	99
79) 2-Chlorotoluene	13.123	91	132760	20.807	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	155554	22.523	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	18639	18.603	ug/l	98
82) 4-Chlorotoluene	13.218	91	136736	20.363	ug/l	99
83) tert-Butylbenzene	13.435	119	128384	22.460	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	157459	22.089	ug/l	98
85) sec-Butylbenzene	13.612	105	176072	21.807	ug/l	100
86) p-Isopropyltoluene	13.723	119	150327	22.702	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	83871	19.184	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	84098	20.288	ug/l	100
89) n-Butylbenzene	14.053	91	126655	20.447	ug/l	98
90) Hexachloroethane	14.329	117	27627	18.708	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	81067	19.297	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.712	75	10170	18.048	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	42976	18.690	ug/l	99
94) Hexachlorobutadiene	15.500	225	20149	19.954	ug/l	99
95) Naphthalene	15.635	128	124633	18.108	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	41610	18.641	ug/l	97

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

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

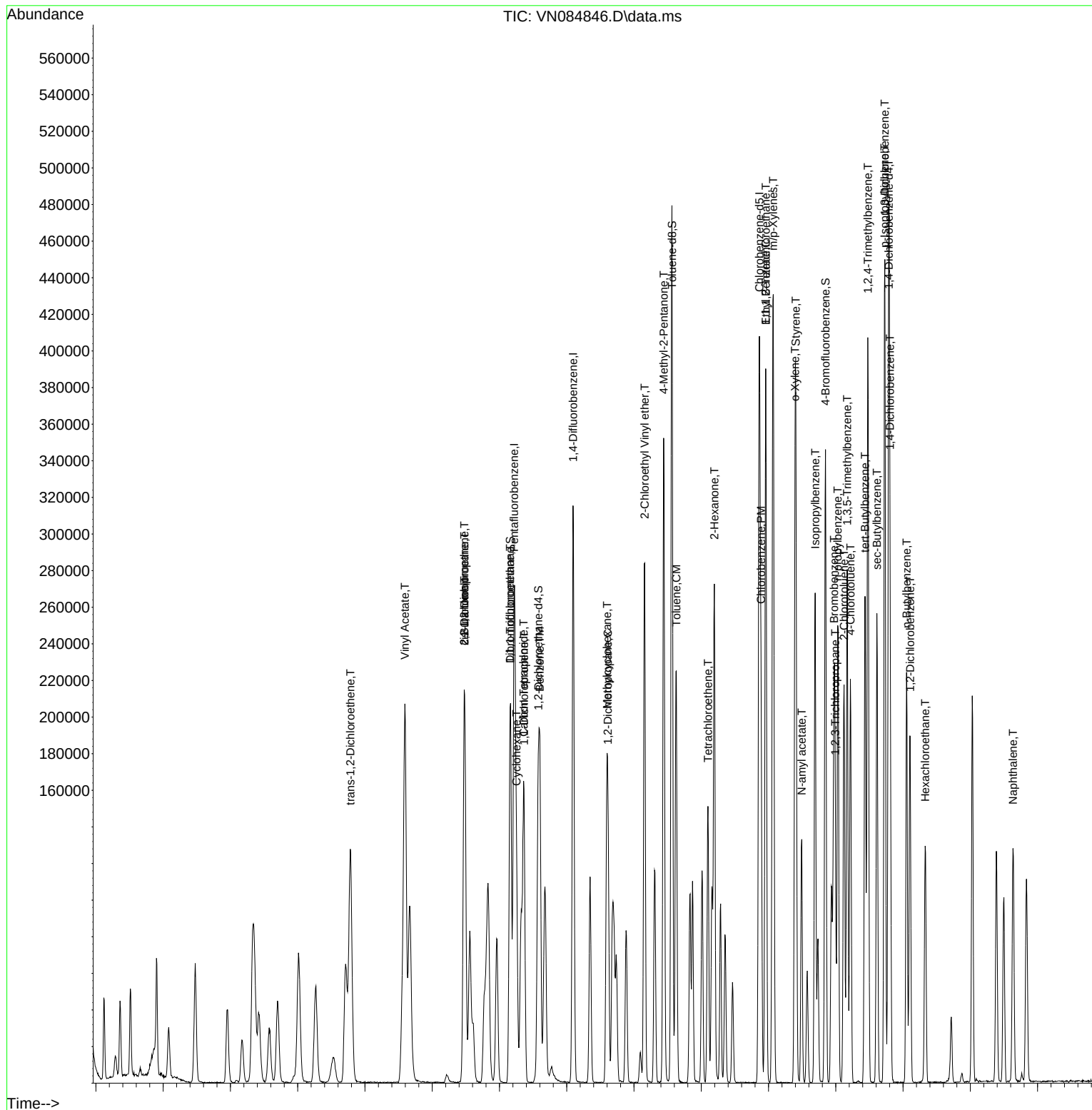
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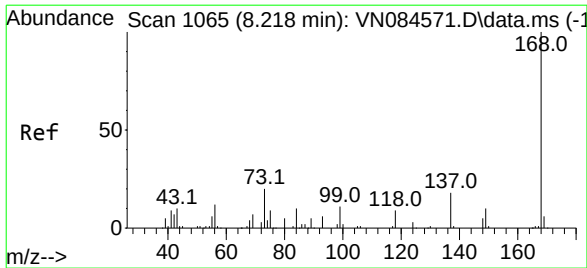
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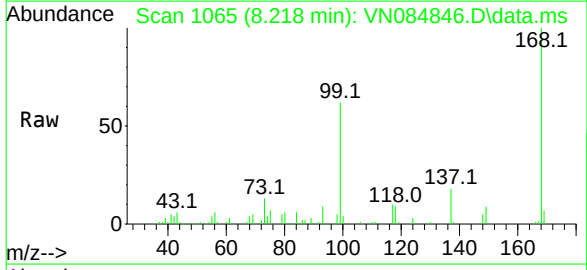
Reviewed By :John Carlone 11/15/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

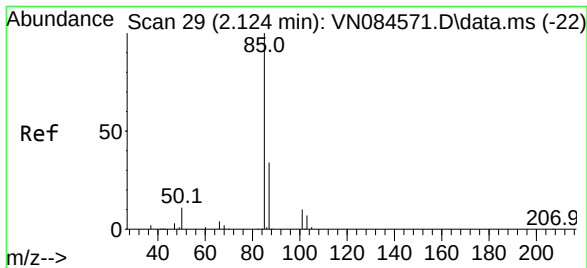
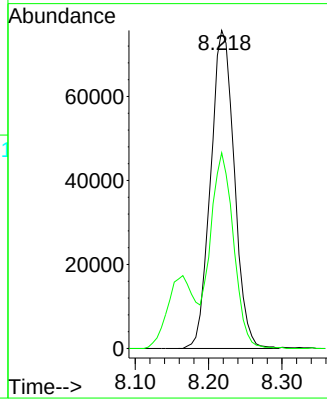
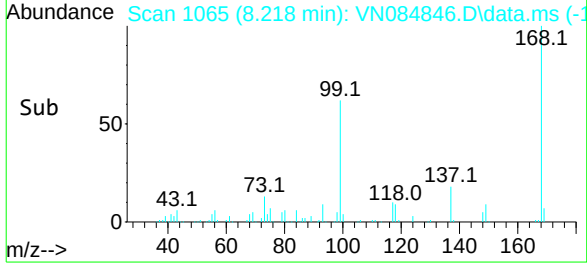
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



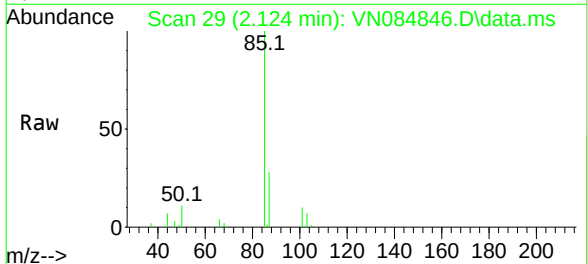
Tgt Ion: 168 Resp: 169550
Ion Ratio Lower Upper
168 100
99 61.3 54.2 81.2

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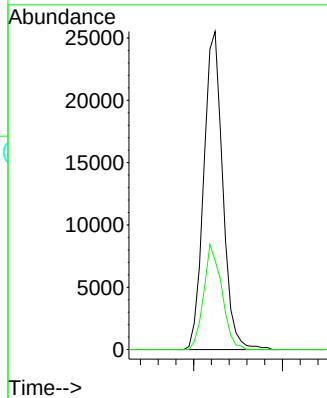
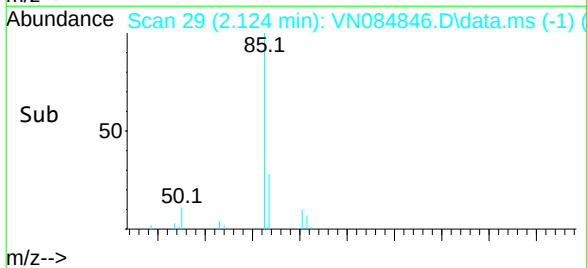
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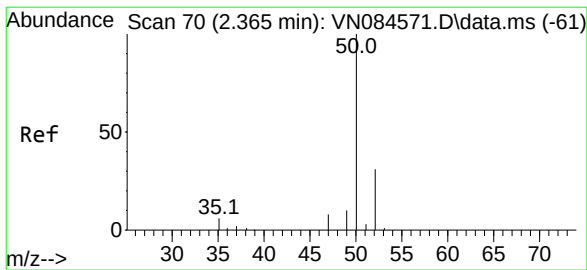


#2
Dichlorodifluoromethane
Concen: 19.418 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50



Tgt Ion: 85 Resp: 37847
Ion Ratio Lower Upper
85 100
87 28.0 17.6 52.9





#3

Chloromethane

Concen: 16.333 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

Tgt Ion: 50 Resp: 41236

Ion Ratio Lower Upper

50 100

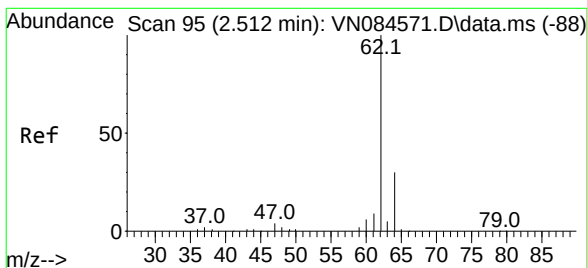
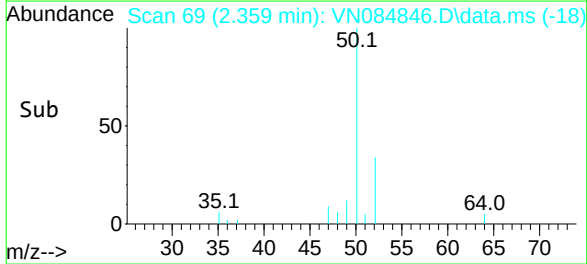
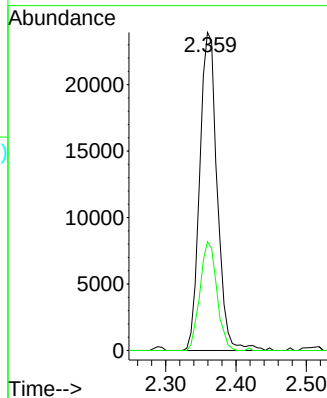
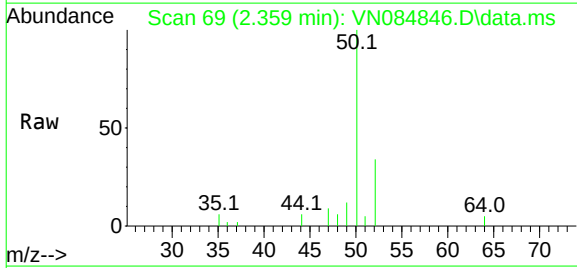
52 34.2 26.8 40.2

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#4

Vinyl Chloride

Concen: 21.638 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084846.D

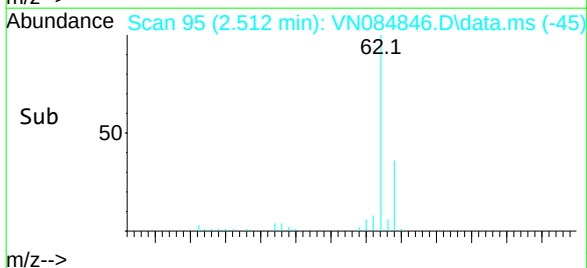
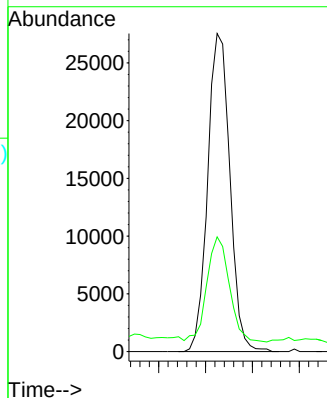
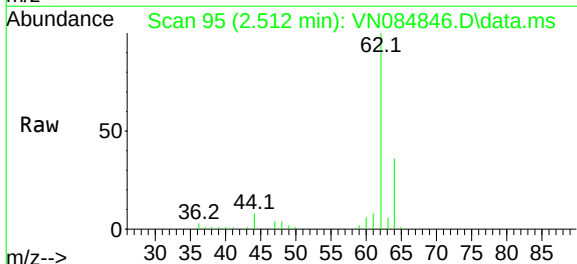
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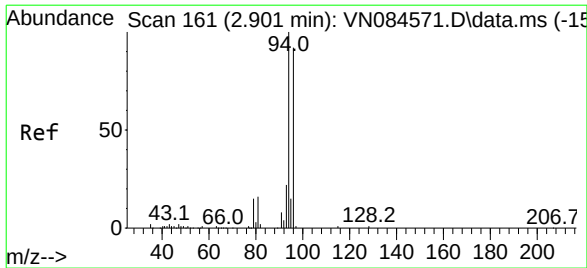
Tgt Ion: 62 Resp: 45362

Ion Ratio Lower Upper

62 100

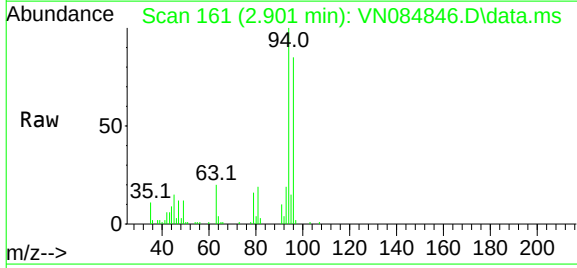
64 32.5 26.2 39.4





#5
Bromomethane
Concen: 20.541 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

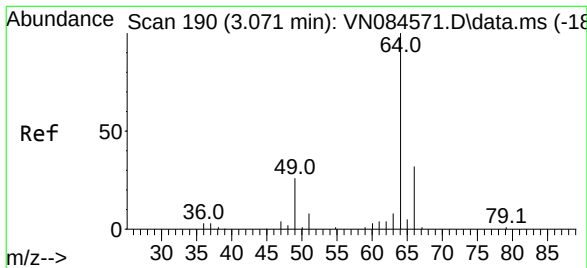
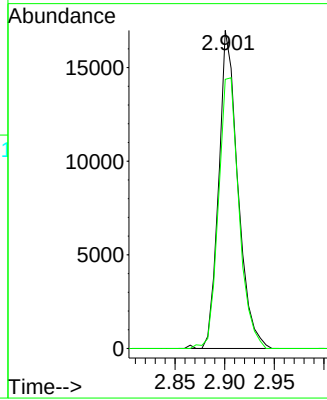
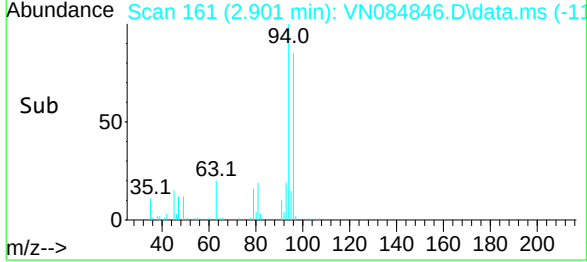
Instrument :
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Tgt Ion: 94 Resp: 22816
Ion Ratio Lower Upper
94 100
96 84.6 72.9 109.3

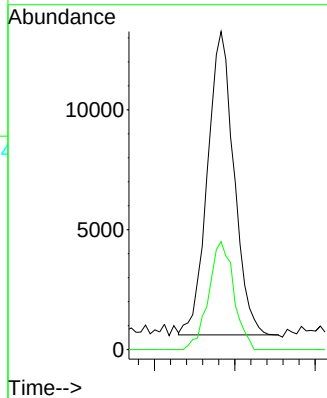
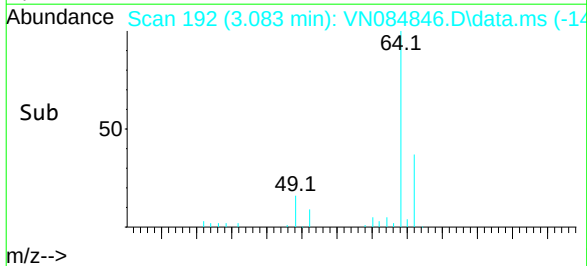
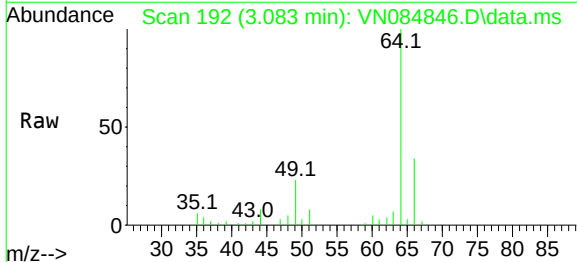
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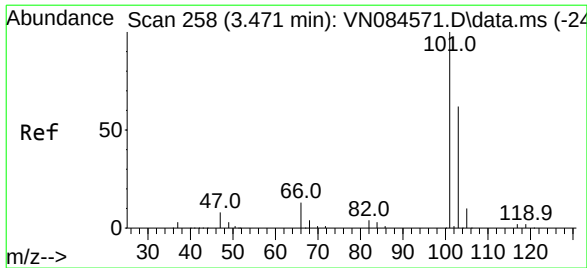
Reviewed By :John Carlone 11/15/2024
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#6
Chloroethane
Concen: 21.536 ug/l
RT: 3.083 min Scan# 192
Delta R.T. -0.035 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

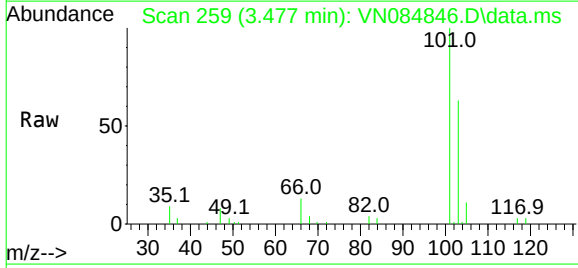
Tgt Ion: 64 Resp: 28977
Ion Ratio Lower Upper
64 100
66 35.6 23.5 35.3#





#7
 Trichlorofluoromethane
 Concen: 19.880 ug/l
 RT: 3.477 min Scan# 258
 Delta R.T. -0.018 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

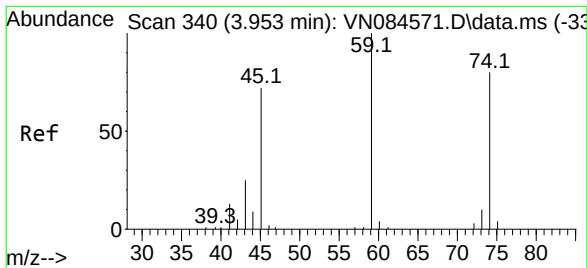
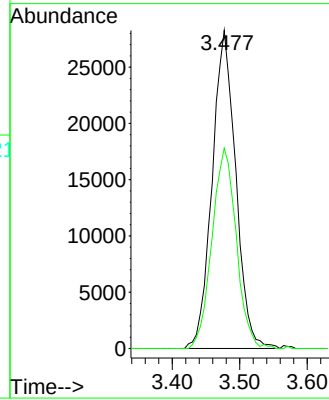
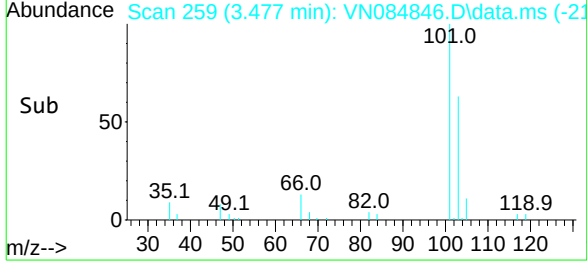
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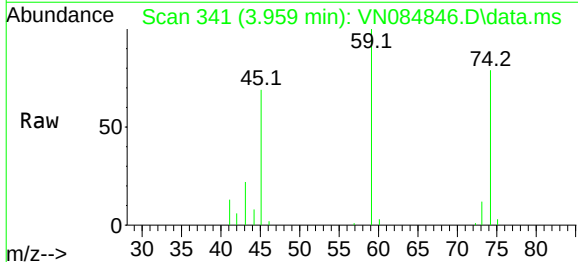
Tgt Ion: 101 Resp: 68652
 Ion Ratio Lower Upper
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 103 63.0 51.8 77.6

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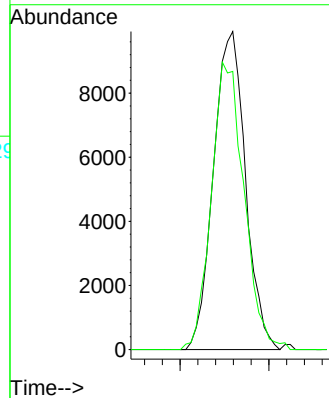
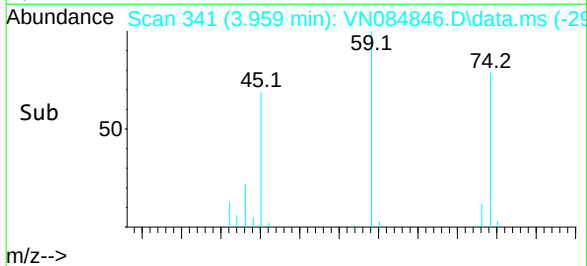
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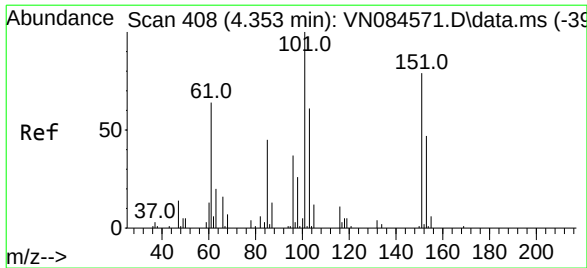


#8
 Diethyl Ether
 Concen: 20.379 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50



Tgt Ion: 74 Resp: 24825
 Ion Ratio Lower Upper
 74 100
 45 92.0 47.7 143.1





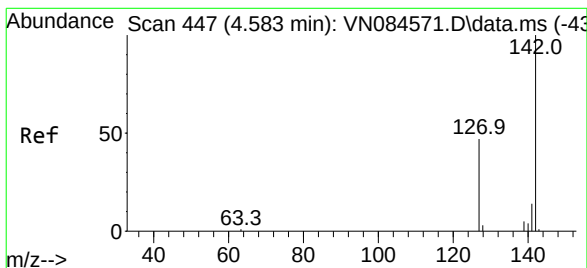
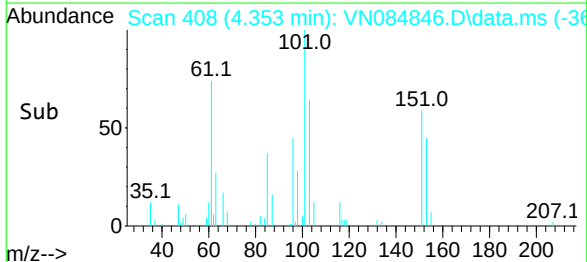
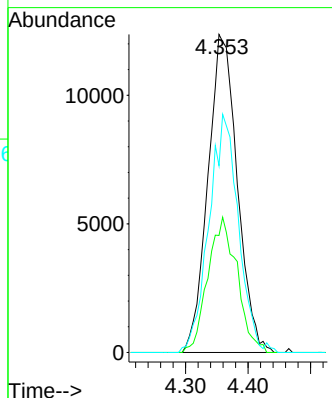
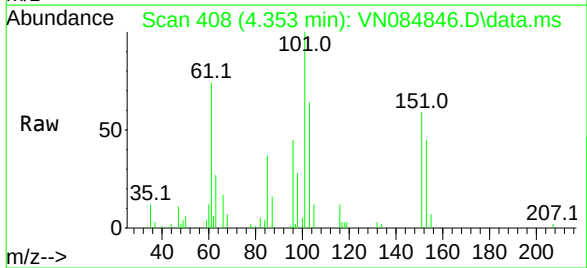
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.730 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion:	101	Resp:	40451
Ion Ratio	Lower	Upper	
101	100		
85	42.3	36.2	54.4
151	74.5	59.3	88.9

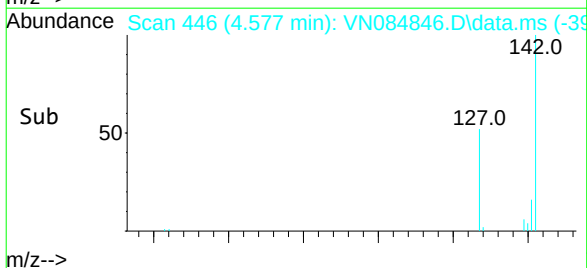
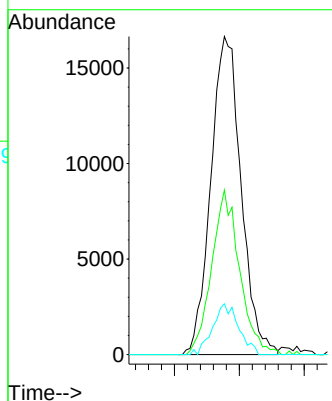
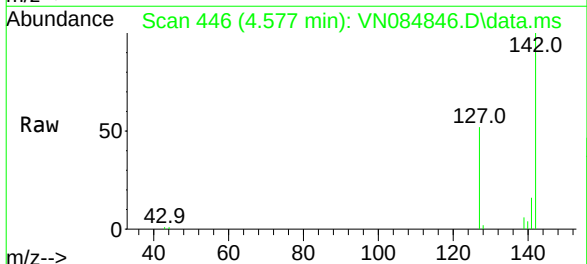
Manual Integrations
APPROVED

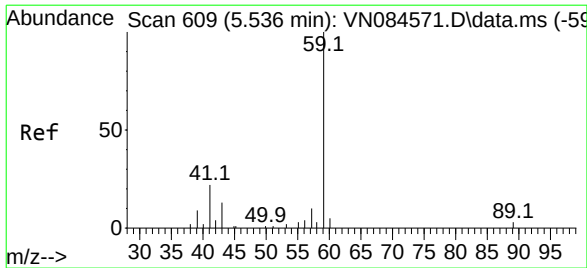
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#10
Methyl Iodide
Concen: 20.708 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion:	142	Resp:	54005
Ion Ratio	Lower	Upper	
142	100		
127	51.7	35.3	52.9
141	16.0	11.0	16.6





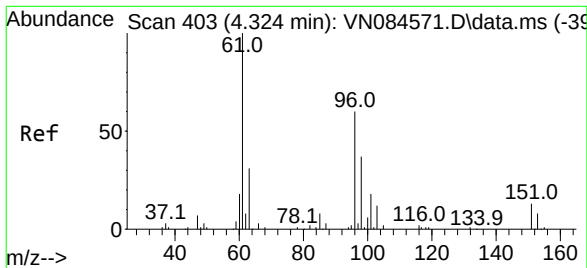
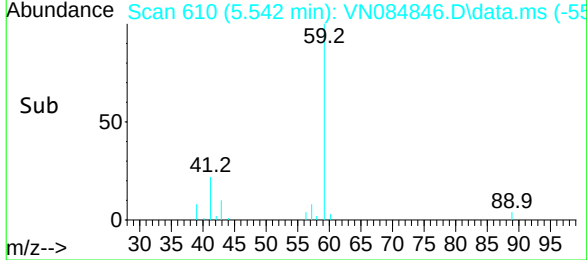
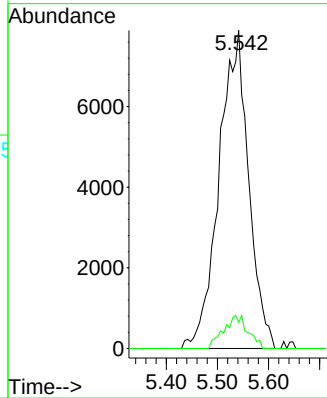
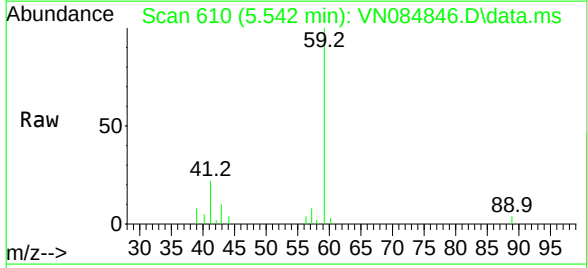
#11
Tert butyl alcohol
Concen: 97.904 ug/l
RT: 5.542 min Scan# 61
Delta R.T. 0.018 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 59 Resp: 31647
Ion Ratio Lower Upper
59 100
57 8.5 8.2 12.2

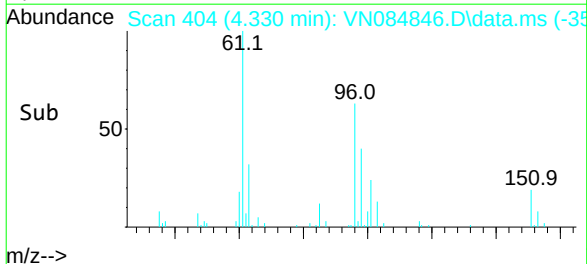
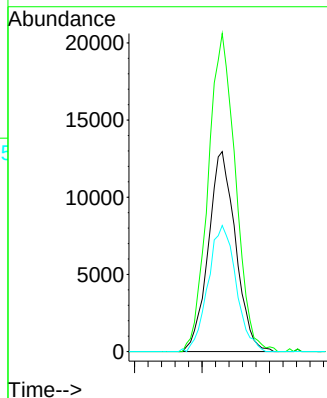
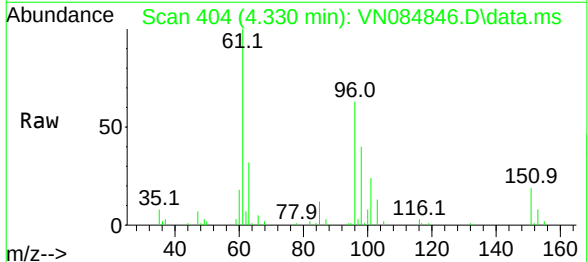
Manual Integrations
APPROVED

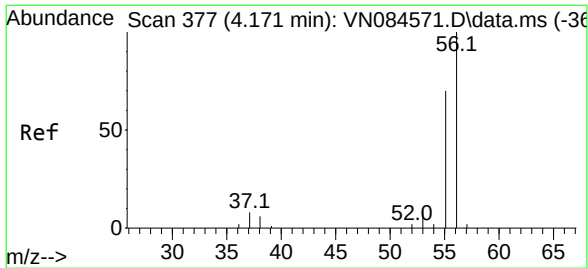
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#12
1,1-Dichloroethene
Concen: 18.760 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.012 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 96 Resp: 36223
Ion Ratio Lower Upper
96 100
61 159.0 128.6 192.8
98 63.0 51.7 77.5





#13

Acrolein

Concen: 97.050 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

Tgt Ion: 56 Resp: 31282

Ion Ratio Lower Upper

56 100

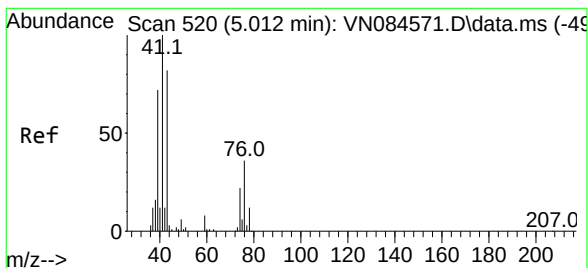
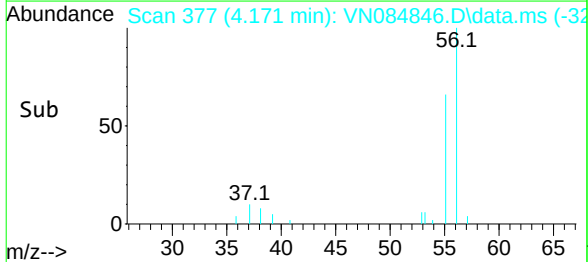
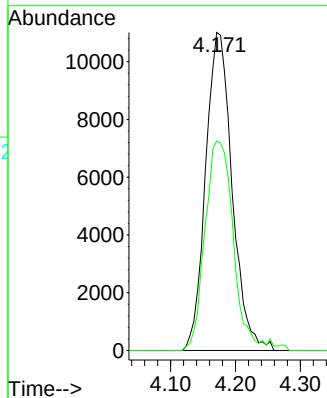
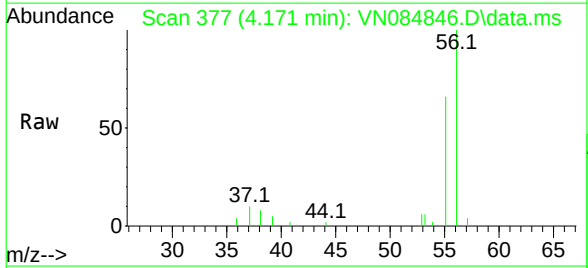
55 69.2 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#14

Allyl chloride

Concen: 17.664 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

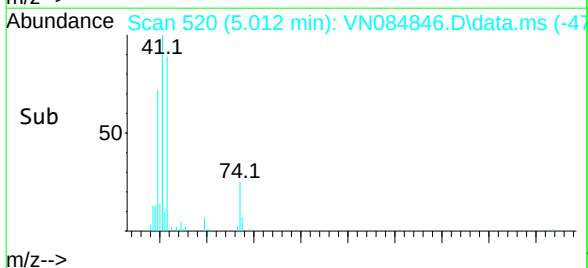
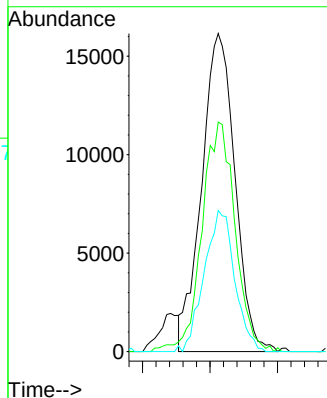
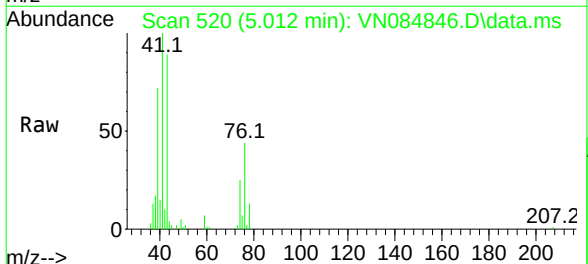
Tgt Ion: 41 Resp: 55310

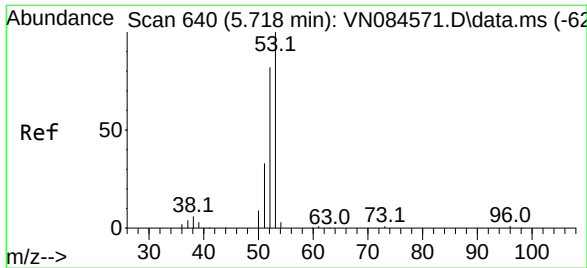
Ion Ratio Lower Upper

41 100

39 71.8 59.0 88.6

76 40.6 29.8 44.6





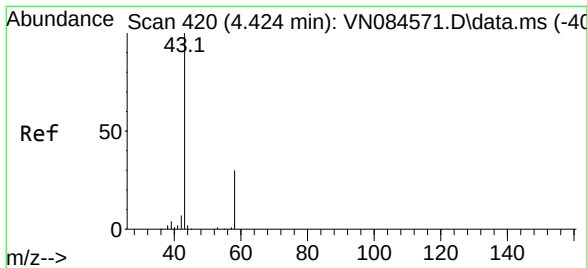
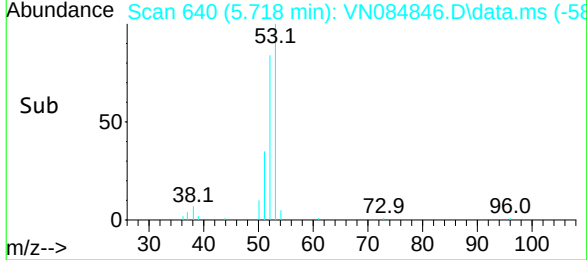
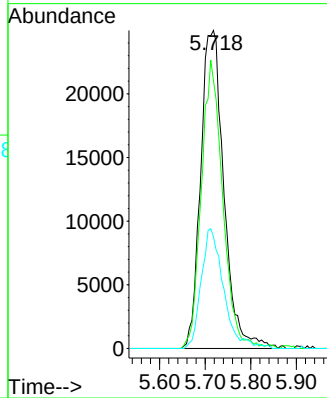
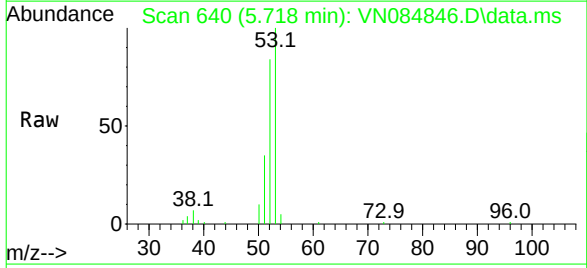
#15
Acrylonitrile
Concen: 94.508 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.2	99.4
51	36.4	28.8	43.2

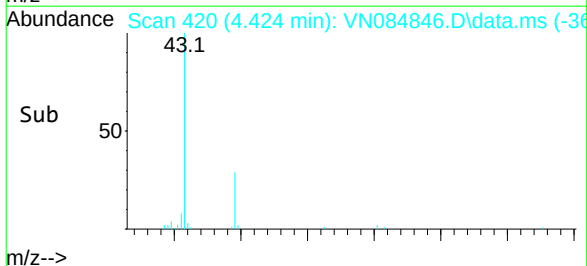
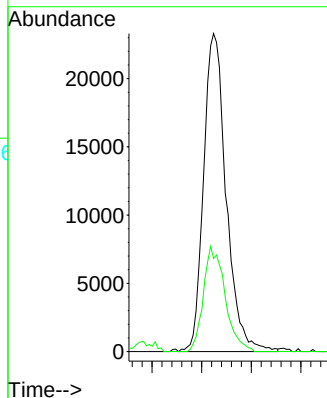
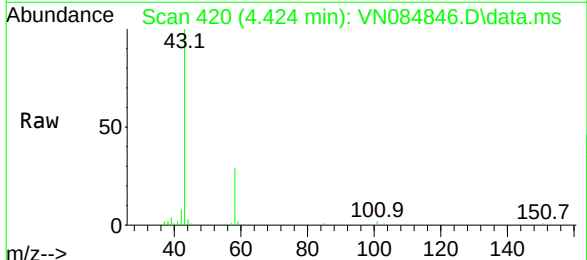
Manual Integrations
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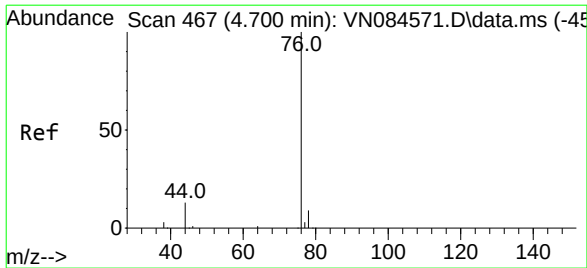
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#16
Acetone
Concen: 102.243 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

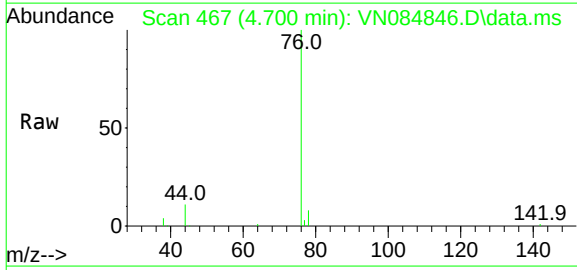
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.3	24.4	36.6





#17
Carbon Disulfide
Concen: 17.285 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

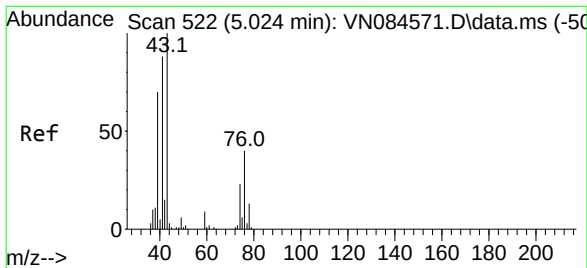
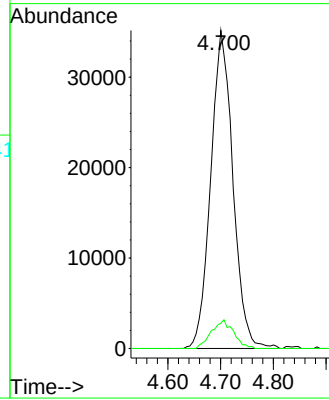
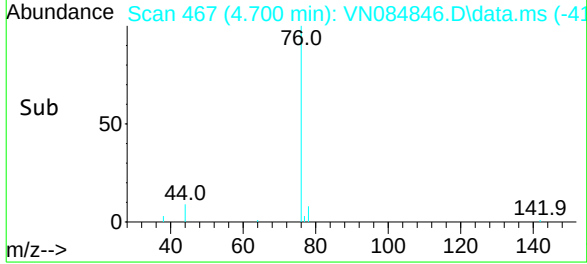
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion: 76 Resp: 102779
Ion Ratio Lower Upper
76 100
78 7.9 7.3 10.9

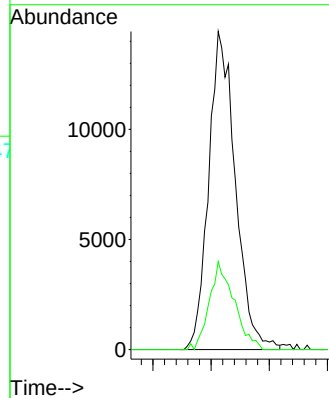
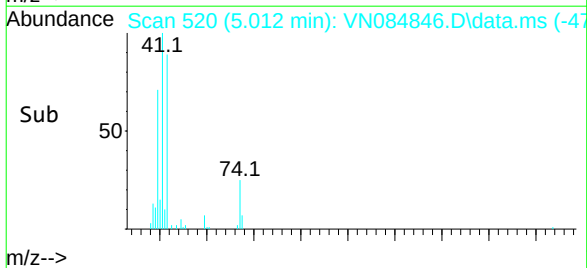
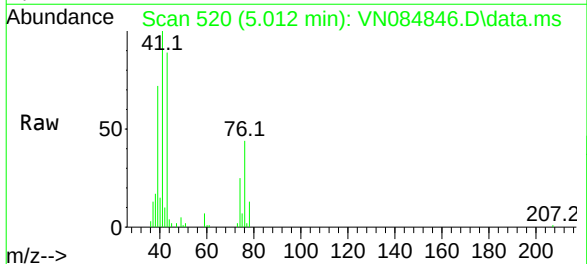
Manual Integrations
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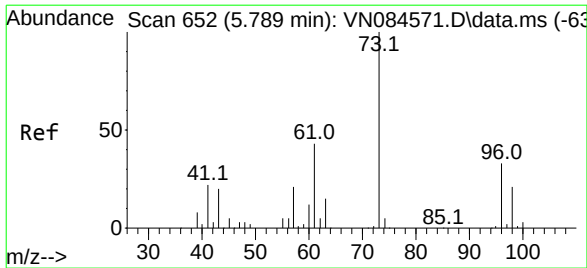
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#18
Methyl Acetate
Concen: 15.075 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 43 Resp: 46160
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8





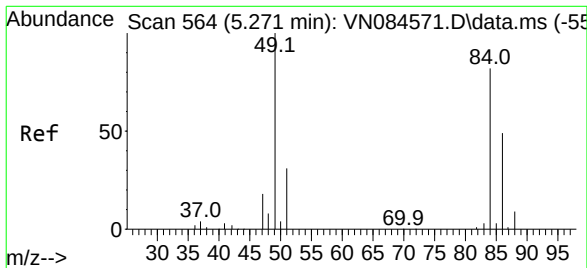
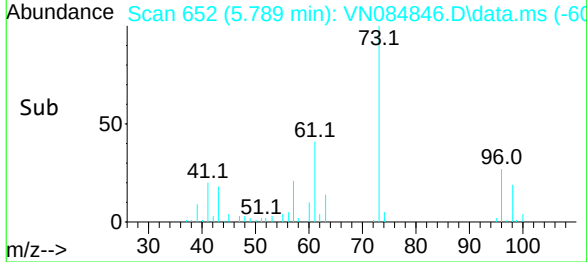
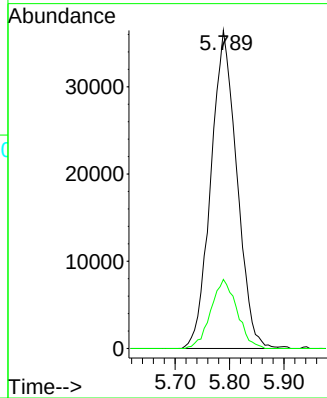
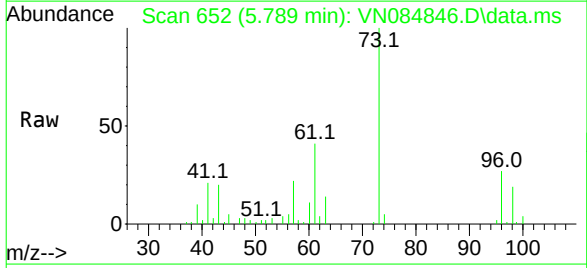
#19
Methyl tert-butyl Ether
Concen: 20.417 ug/l
RT: 5.789 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 73 Resp: 120830
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

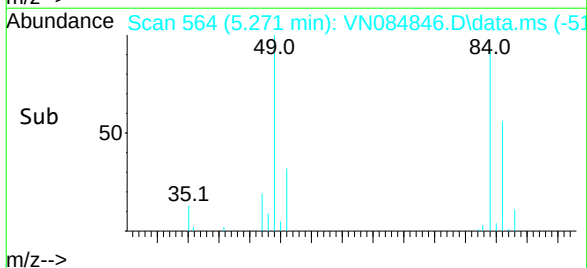
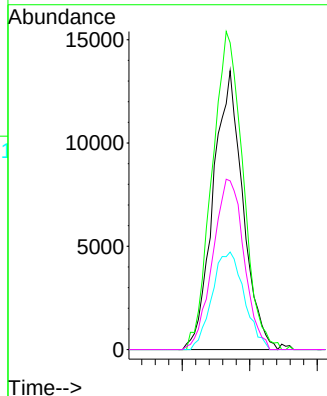
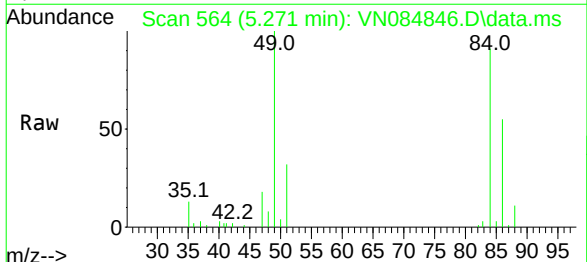
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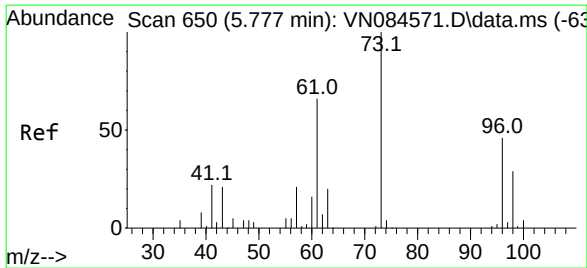
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#20
Methylene Chloride
Concen: 19.090 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 84 Resp: 41116
Ion Ratio Lower Upper
84 100
49 110.0 107.2 160.8
51 35.0 31.8 47.8
86 60.5 52.9 79.3





#21

trans-1,2-Dichloroethene

Concen: 18.972 ug/l

RT: 5.783 min Scan# 651

Delta R.T. -0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

Tgt Ion: 96 Resp: 37615

Ion Ratio Lower Upper

96 100

61 132.2 108.4 162.6

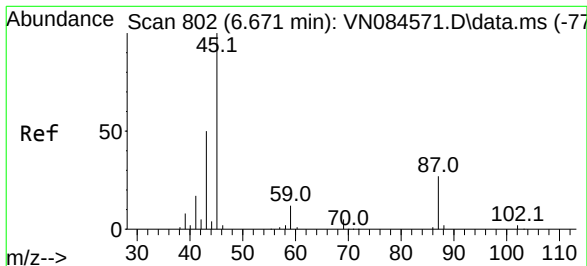
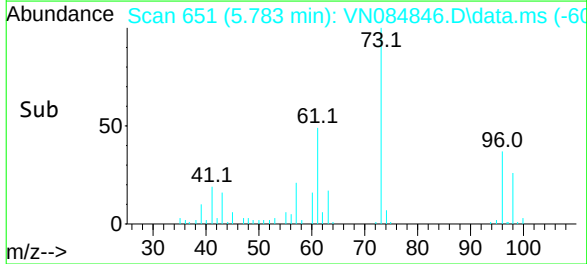
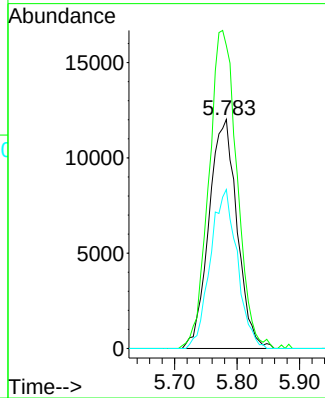
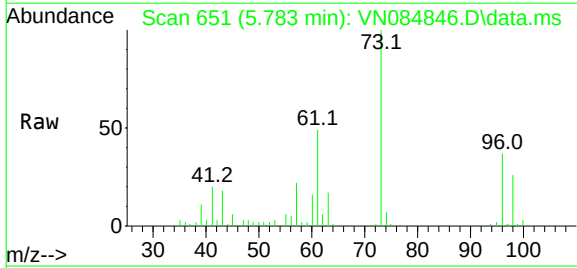
98 69.4 49.8 74.8

Manual Integrations

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Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#22

Diisopropyl ether

Concen: 20.254 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Tgt Ion: 45 Resp: 126019

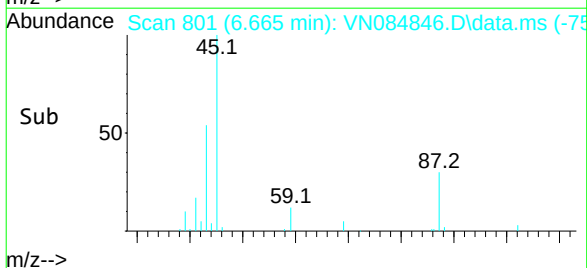
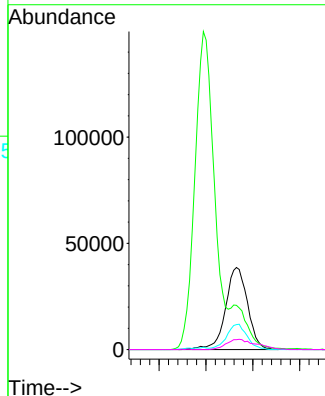
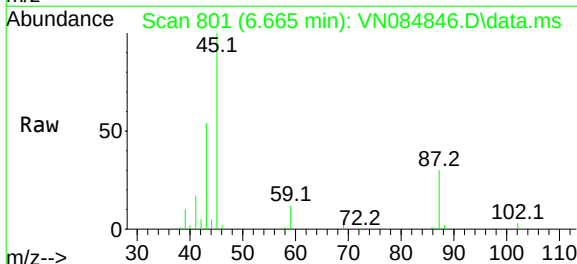
Ion Ratio Lower Upper

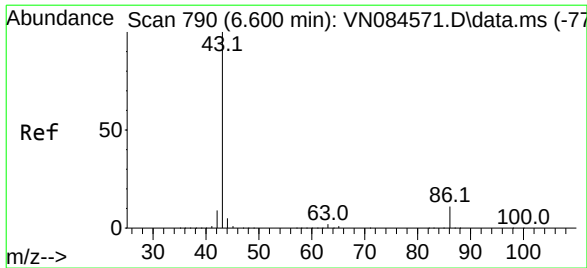
45 100

43 52.3 42.3 63.5

87 30.4 21.8 32.6

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 100.156 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

Tgt Ion: 43 Resp: 429740

Ion Ratio Lower Upper

43 100

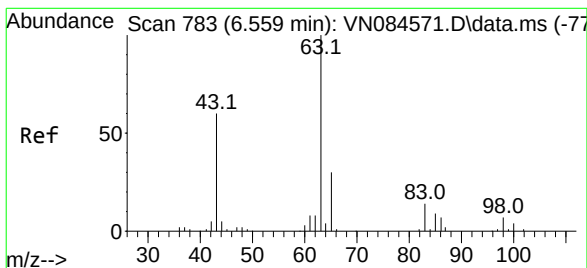
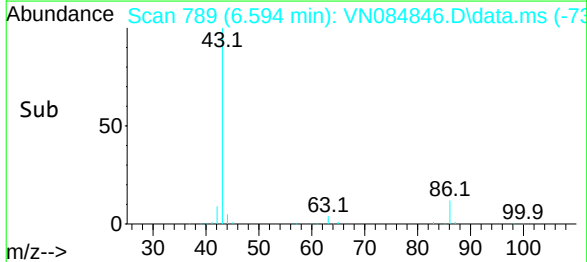
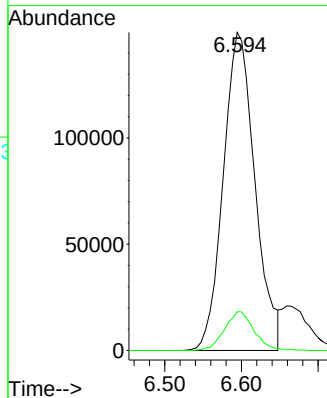
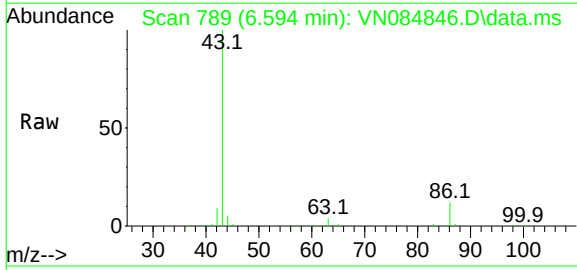
86 12.2 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#24

1,1-Dichloroethane

Concen: 20.242 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

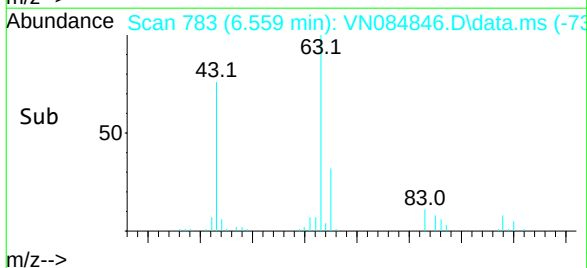
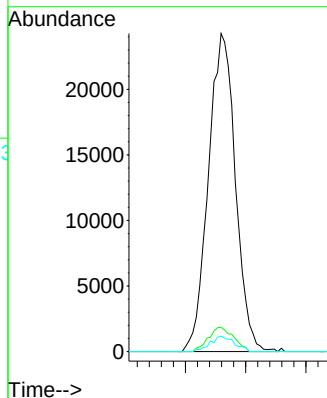
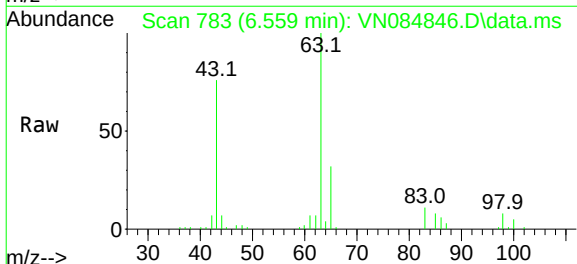
Tgt Ion: 63 Resp: 75613

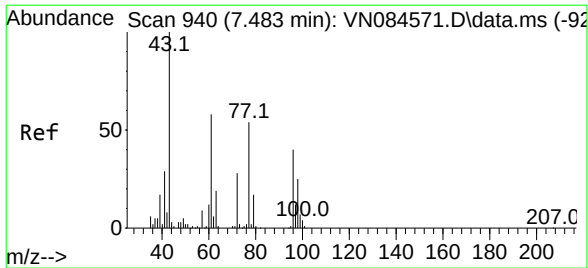
Ion Ratio Lower Upper

63 100

98 7.6 3.4 10.2

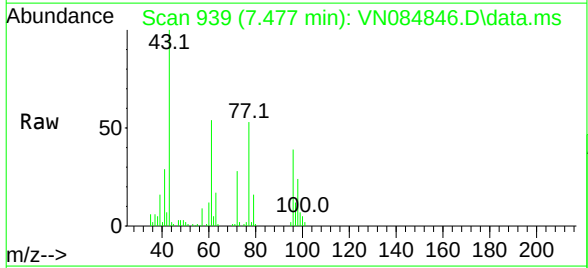
100 4.8 2.0 5.8





#25
2-Butanone
Concen: 98.423 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

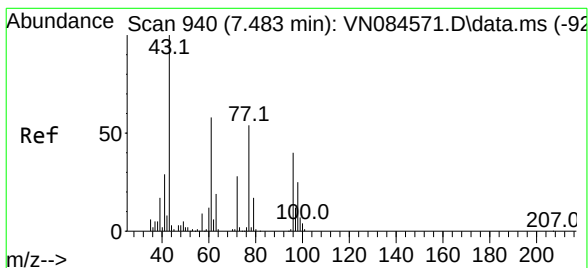
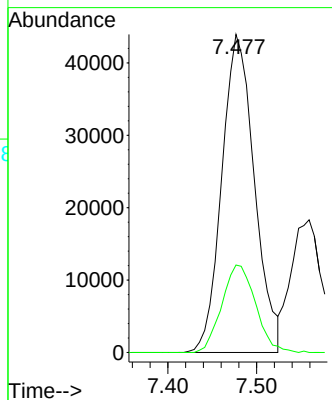
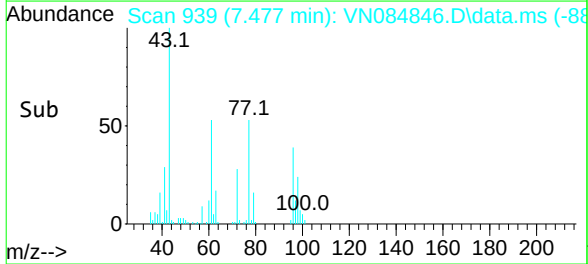
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



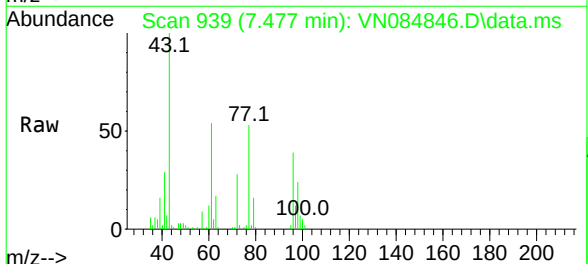
Tgt Ion: 43 Resp: 112446
Ion Ratio Lower Upper
43 100
72 27.5 21.4 32.2

Manual Integrations
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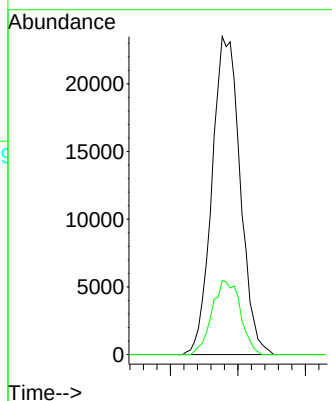
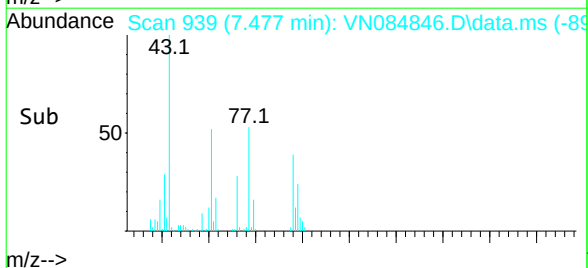
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

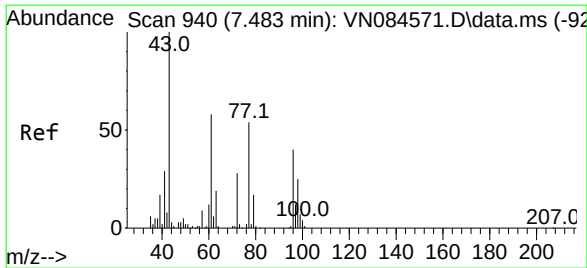


#26
2,2-Dichloropropane
Concen: 20.965 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50



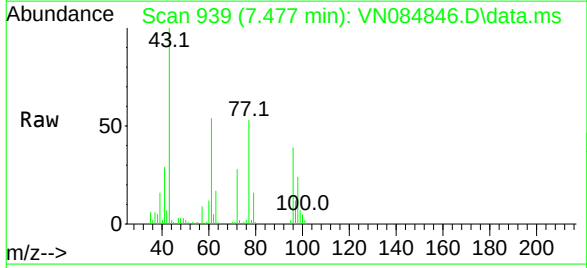
Tgt Ion: 77 Resp: 68163
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.901 ug/l
 RT: 7.477 min Scan# 93
 Delta R.T. -0.012 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

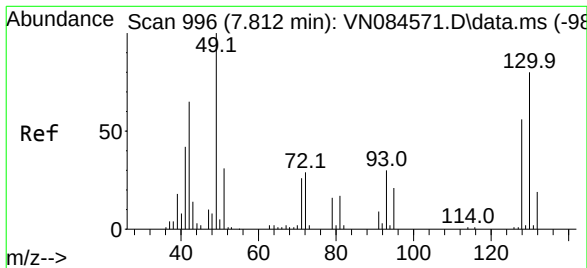
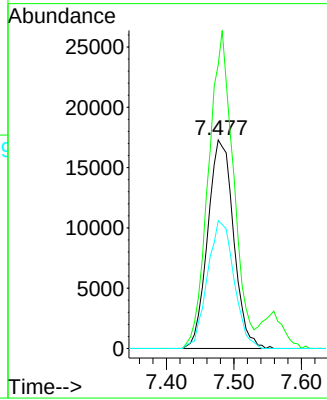
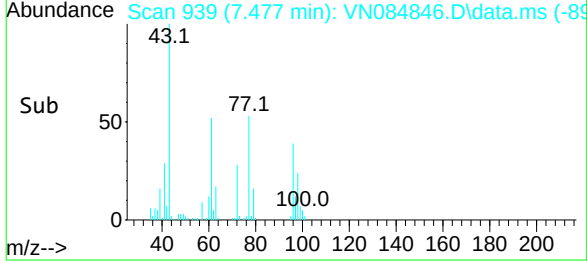
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS02



Tgt Ion: 96 Resp: 46070
 Ion Ratio Lower Upper
 96 100
 61 146.9 0.0 301.8
 98 63.0 0.0 128.2

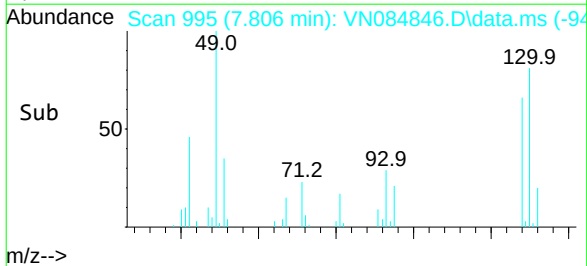
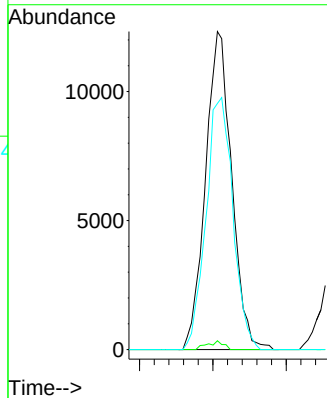
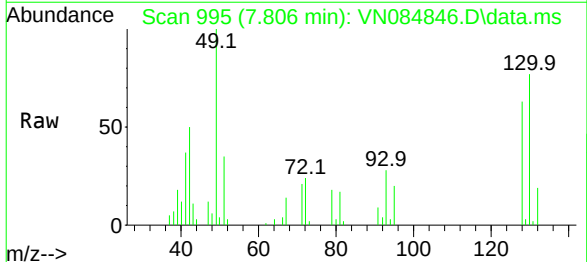
Manual Integrations
 APPROVED

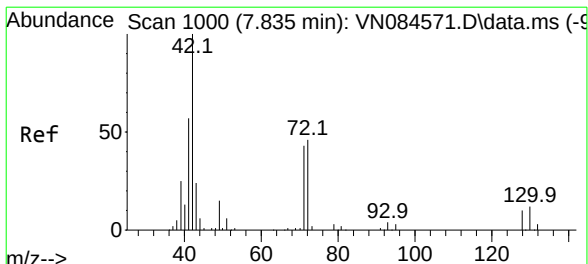
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#28
 Bromochloromethane
 Concen: 20.523 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

Tgt Ion: 49 Resp: 30543
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.6
 130 81.5 58.0 87.0





#29
Tetrahydrofuran
Concen: 94.294 ug/l
RT: 7.836 min Scan# 10
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

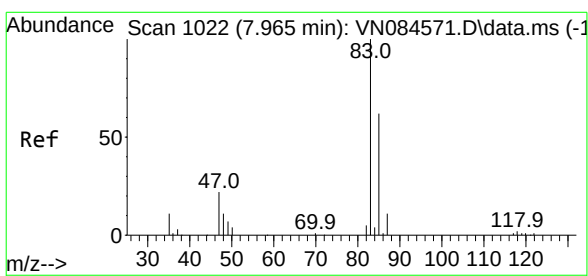
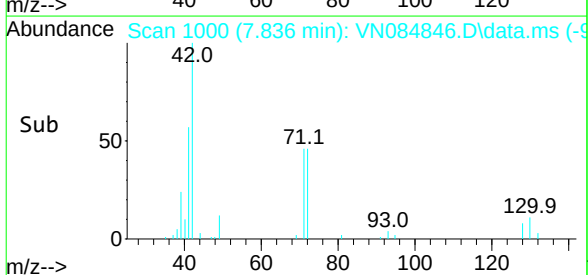
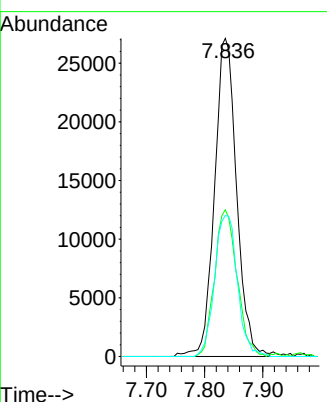
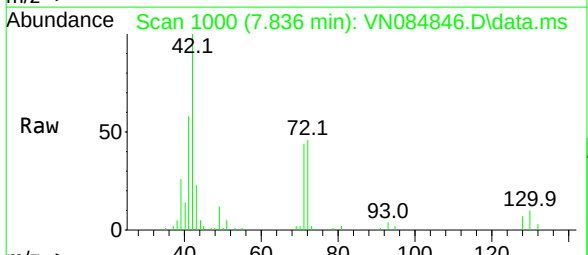
VN1114WBS02

Tgt Ion:	42	Resp:	71469
Ion	Ratio	Lower	Upper
42	100		
72	46.9	34.6	51.8
71	45.8	32.2	48.4

Manual Integrations

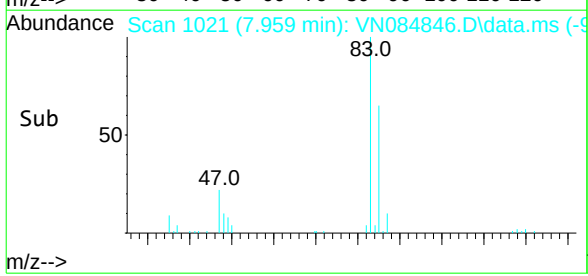
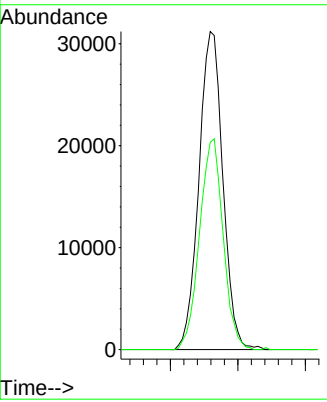
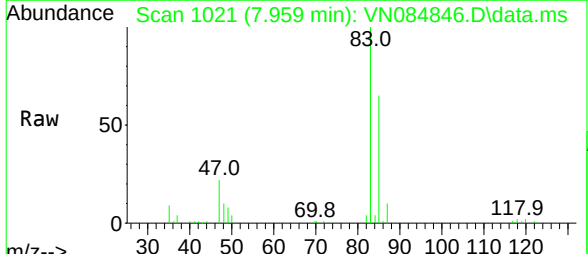
APPROVED

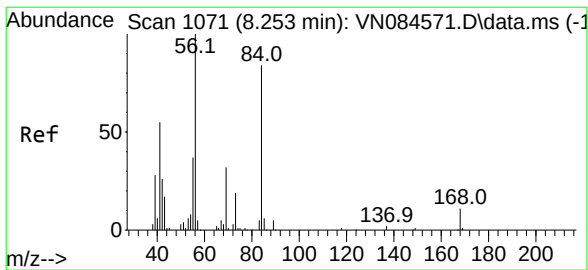
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#30
Chloroform
Concen: 20.235 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

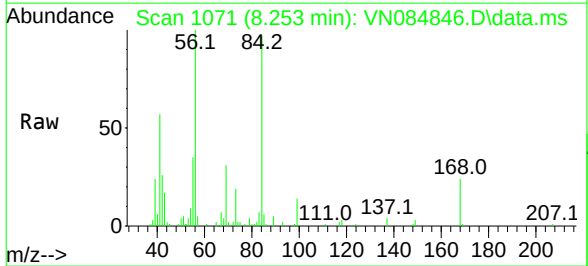
Tgt Ion:	83	Resp:	76934
Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.0	76.4





#31
Cyclohexane
Concen: 19.097 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

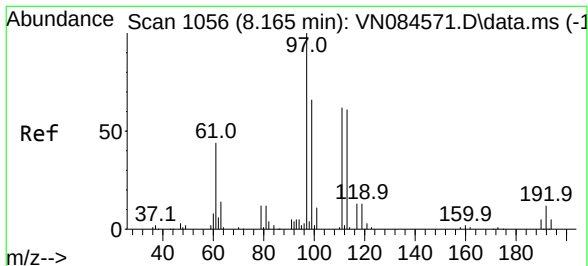
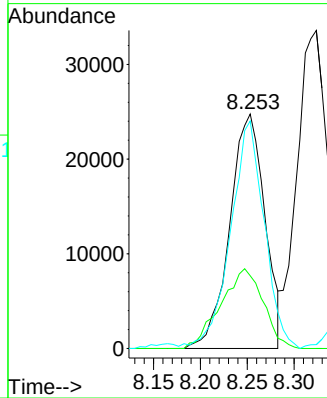
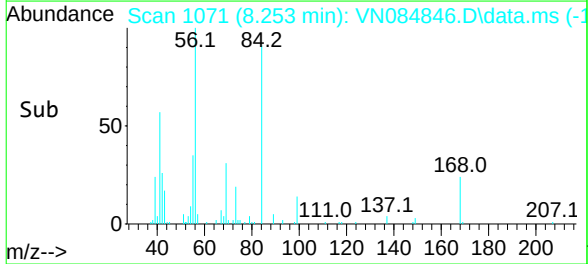
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion: 56 Resp: 64564
Ion Ratio Lower Upper
56 100
69 31.0 23.8 35.6
84 96.1 68.8 103.2

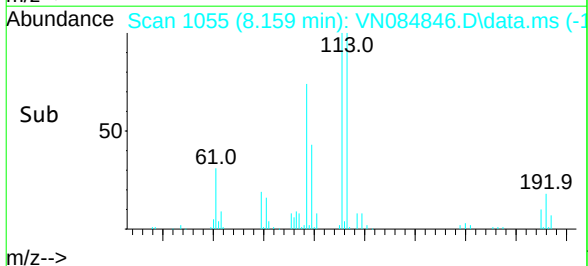
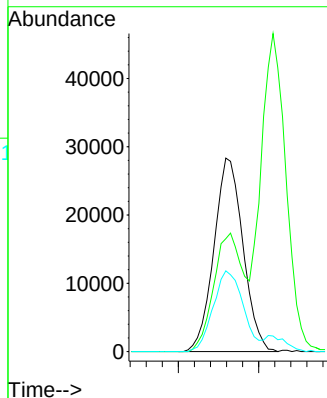
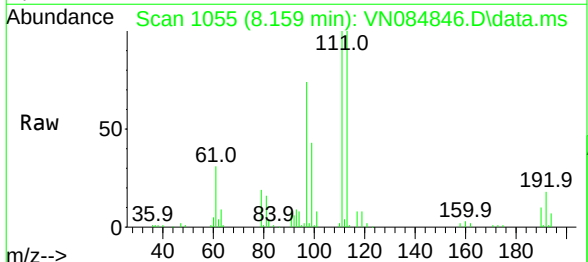
Manual Integrations
APPROVED

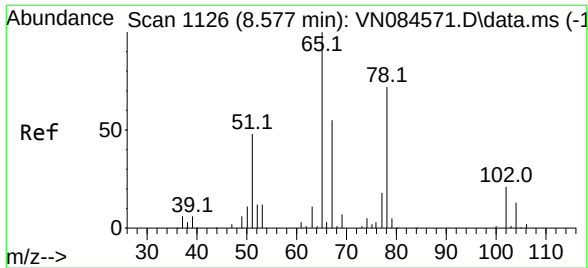
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#32
1,1,1-Trichloroethane
Concen: 20.569 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

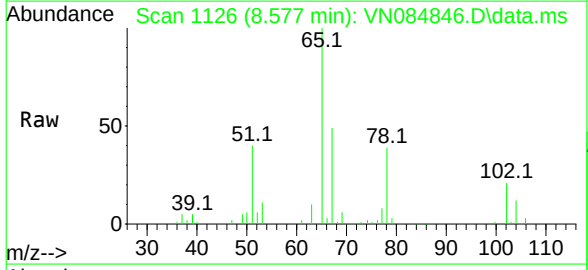
Tgt Ion: 97 Resp: 71181
Ion Ratio Lower Upper
97 100
99 63.5 51.2 76.8
61 42.8 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 46.603 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

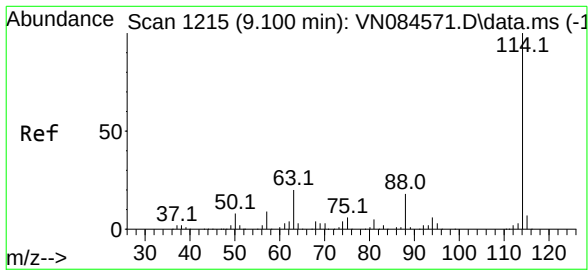
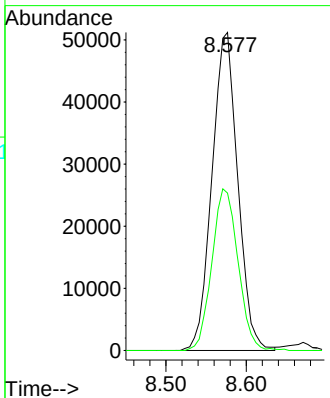
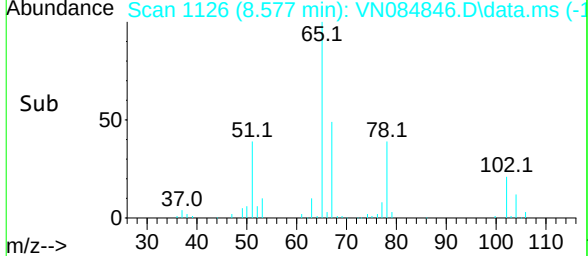
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS02



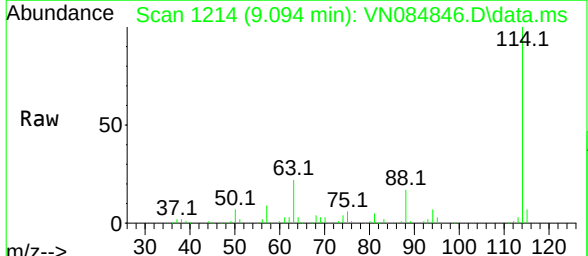
Tgt Ion: 65 Resp: 114124
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.0

Manual Integrations
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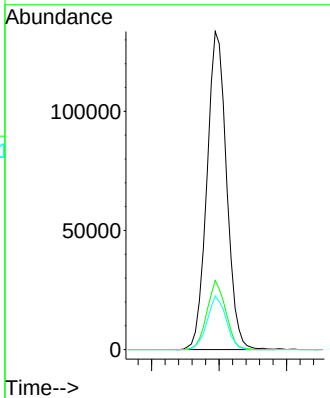
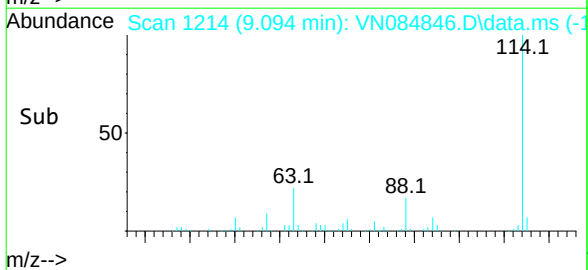
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024

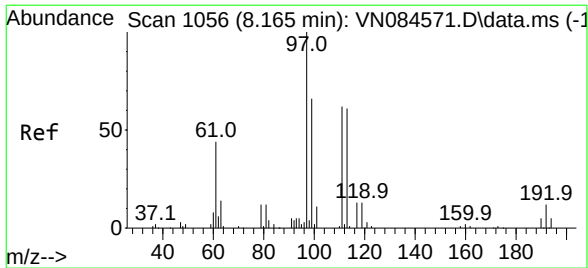


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50



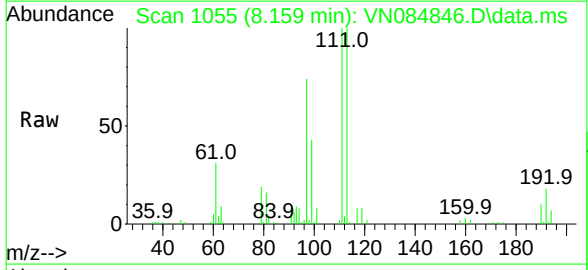
Tgt Ion:114 Resp: 270058
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.8
 88 16.9 0.0 31.6





#35
 Dibromofluoromethane
 Concen: 50.779 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

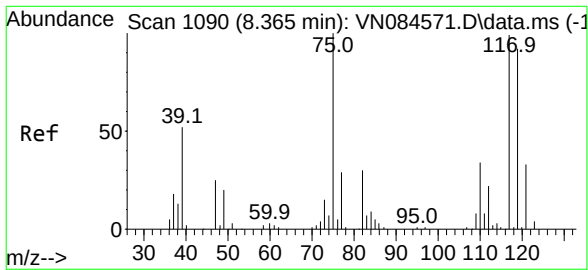
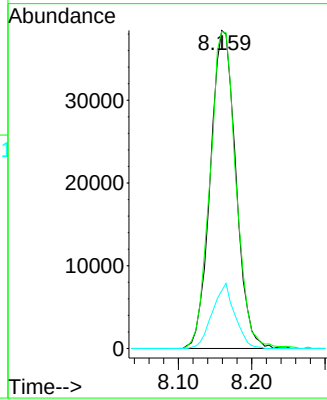
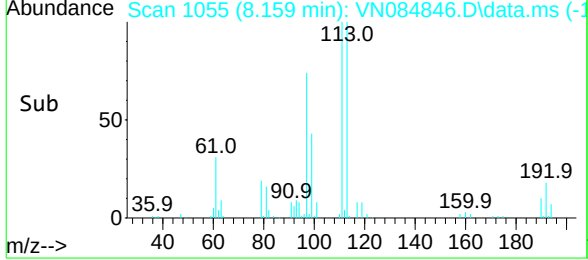
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS02



Tgt Ion:	113	Resp:	92823
Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.3	124.9
192	18.0	13.5	20.3

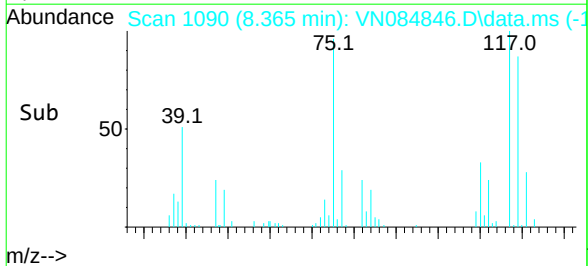
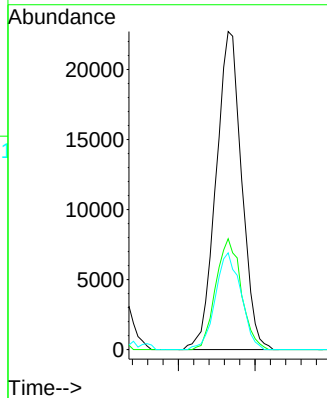
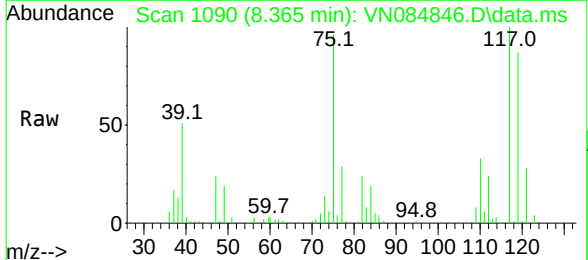
Manual Integrations
 APPROVED

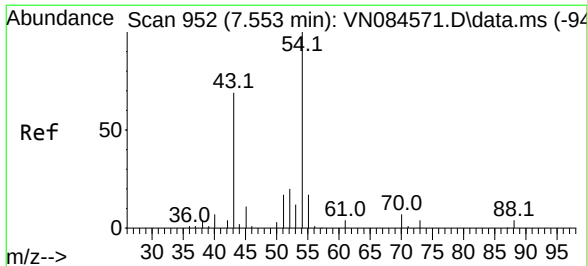
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#36
 1,1-Dichloropropene
 Concen: 20.787 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

Tgt Ion:	75	Resp:	52698
Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.9	50.7
77	30.3	24.7	37.1





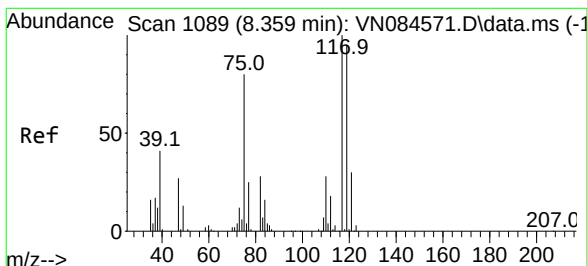
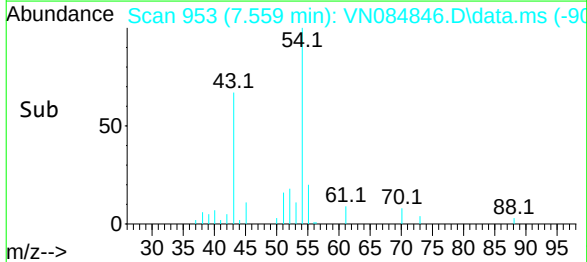
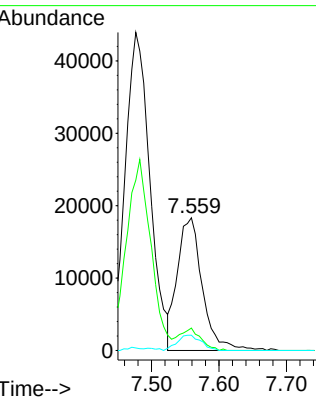
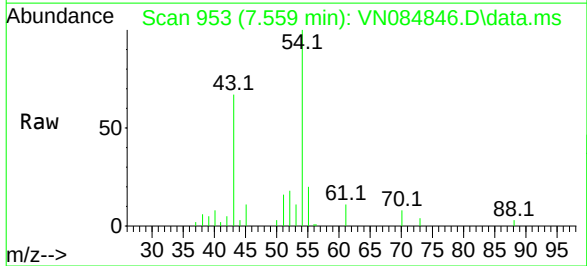
#37
Ethyl Acetate
Concen: 20.525 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion:	43	Resp:	47211
Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	11.0	8.8	13.2

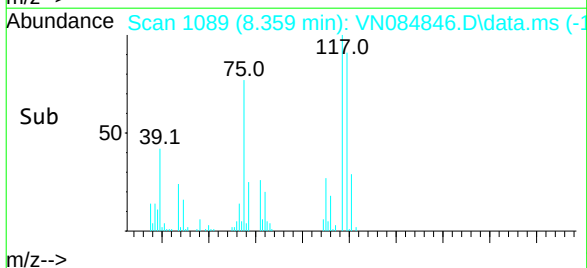
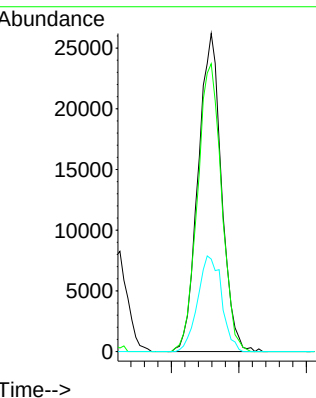
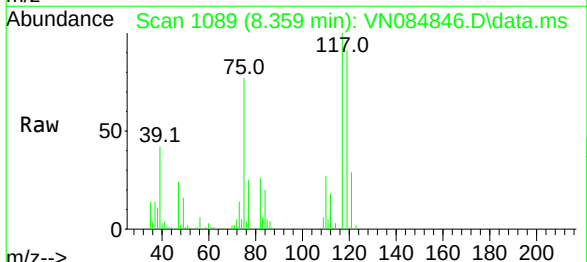
Manual Integrations
APPROVED

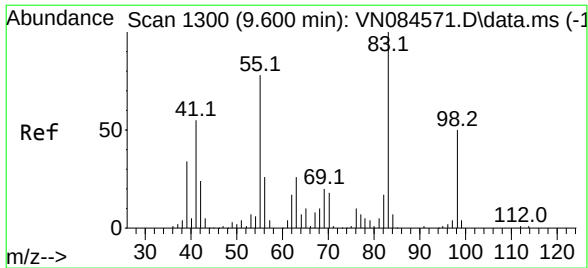
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#38
Carbon Tetrachloride
Concen: 22.220 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

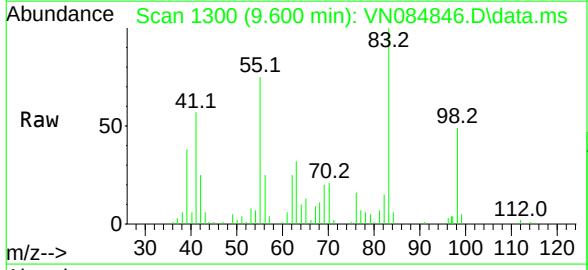
Tgt Ion:	117	Resp:	62964
Ion	Ratio	Lower	Upper
117	100		
119	90.5	78.7	118.1
121	29.1	24.4	36.6





#39
Methylcyclohexane
Concen: 22.490 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

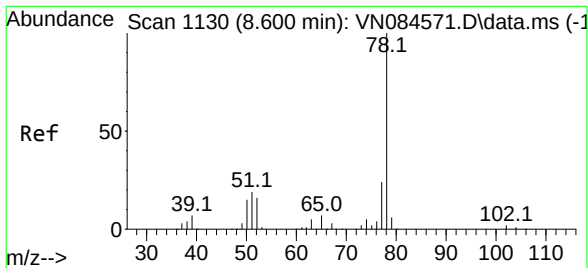
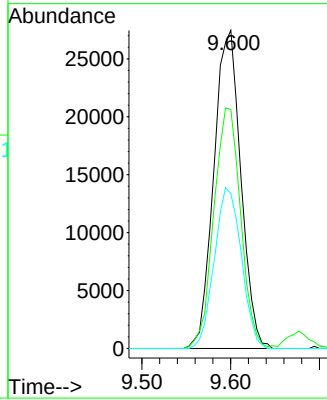
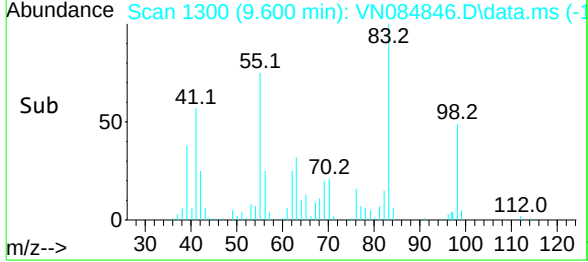
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion: 83 Resp: 58004
Ion Ratio Lower Upper
83 100
55 75.1 62.8 94.2
98 48.7 38.8 58.2

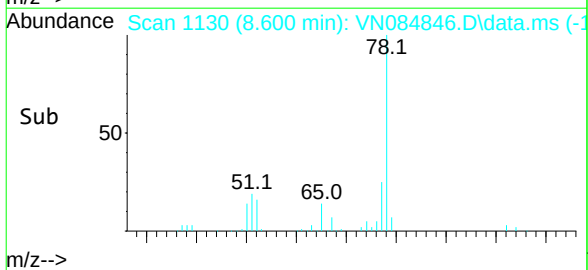
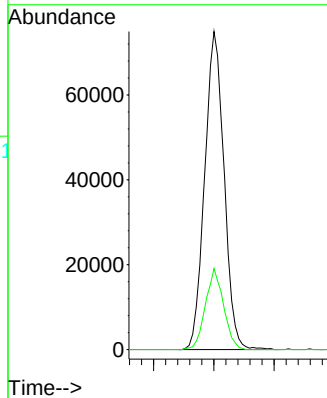
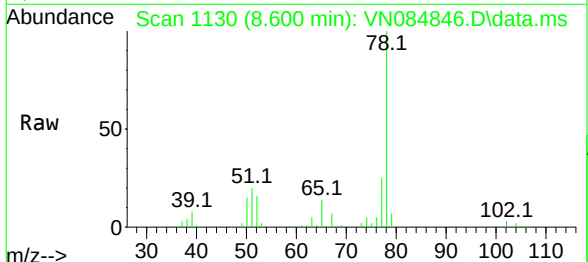
Manual Integrations
APPROVED

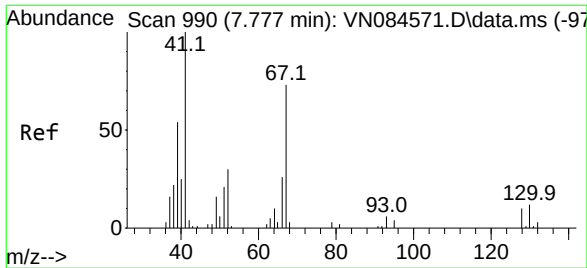
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#40
Benzene
Concen: 20.565 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 78 Resp: 167429
Ion Ratio Lower Upper
78 100
77 25.5 19.1 28.7





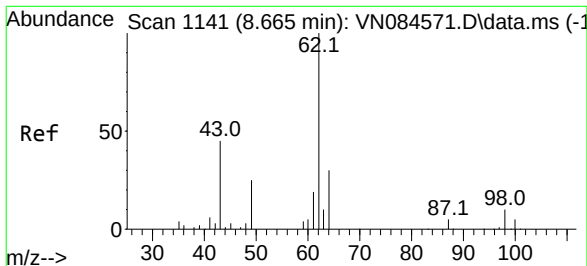
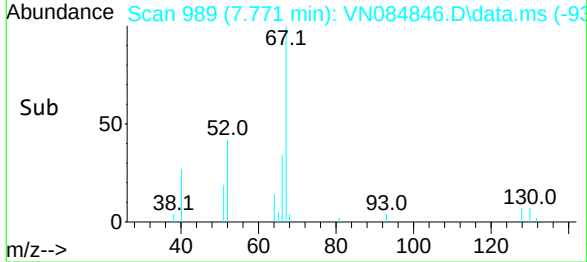
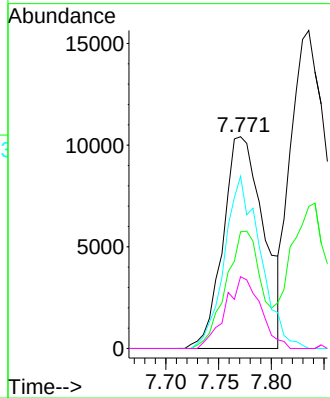
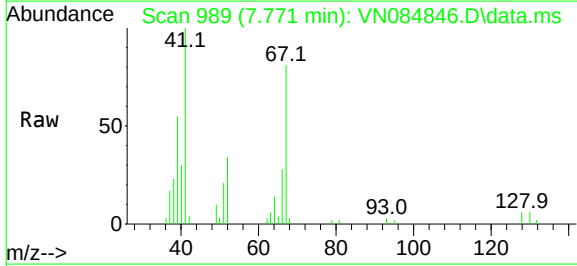
#41
Methacrylonitrile
Concen: 22.637 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion:	41	Resp:	28000
Ion	Ratio	Lower	Upper
41	100		
39	48.0	43.3	64.9
67	71.7	56.1	84.1
52	29.2	24.5	36.7

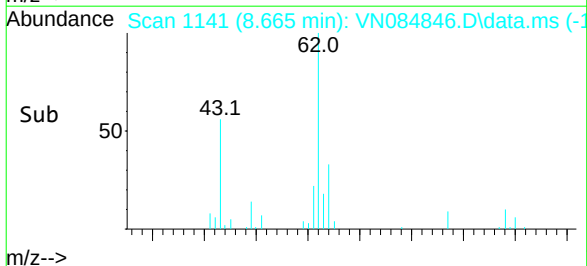
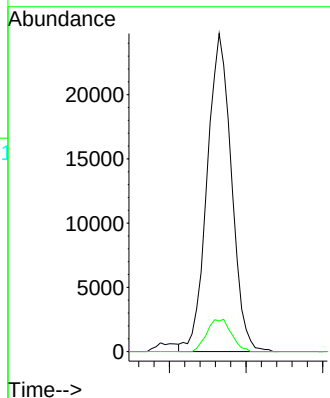
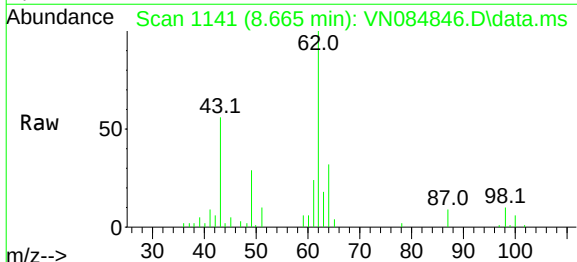
Manual Integrations
APPROVED

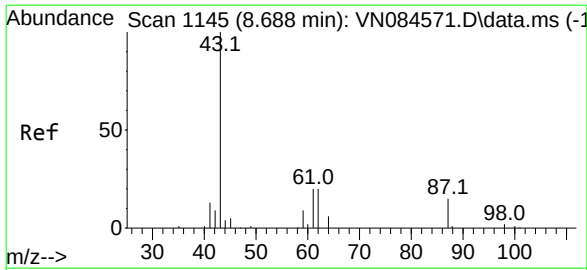
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#42
1,2-Dichloroethane
Concen: 20.706 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion:	62	Resp:	54596
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 19.395 ug/l

RT: 8.683 min Scan# 1145

Delta R.T. -0.005 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

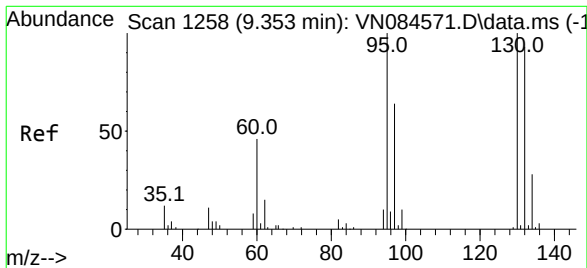
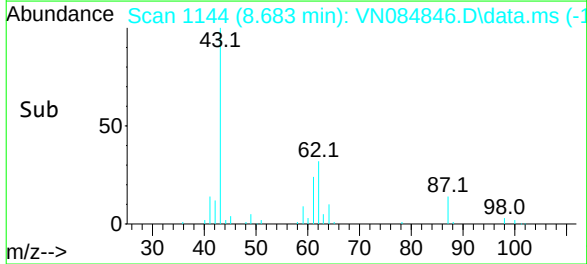
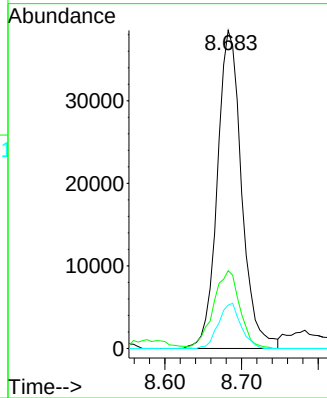
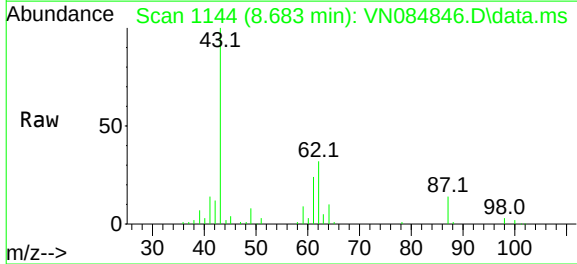
Tgt Ion:	43	Resp:	84927
Ion	Ratio	Lower	Upper
43	100		
61	26.7	20.4	30.6
87	13.1	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#44

Trichloroethene

Concen: 21.232 ug/l

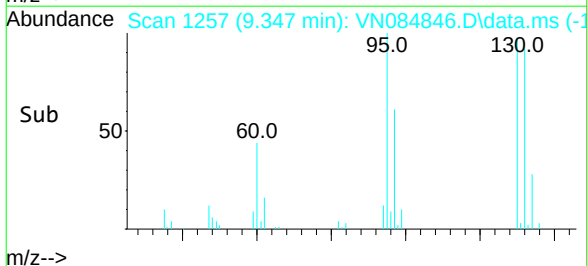
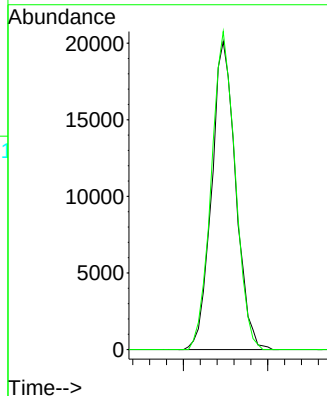
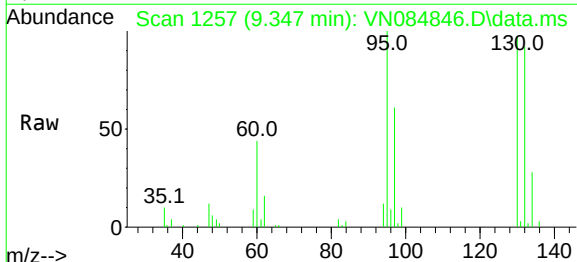
RT: 9.347 min Scan# 1257

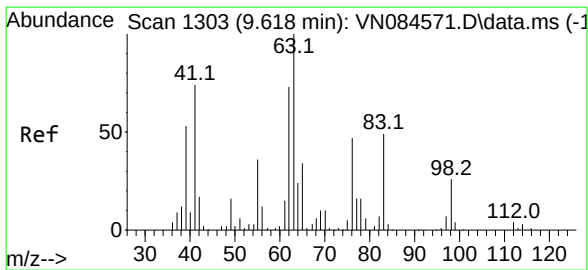
Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Tgt Ion:	130	Resp:	39866
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	203.0





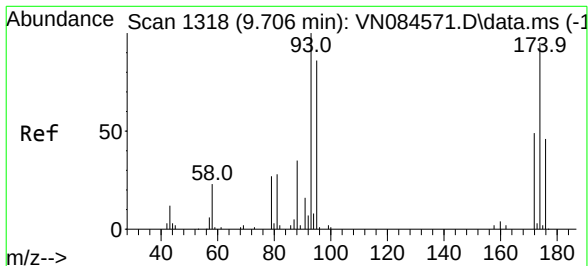
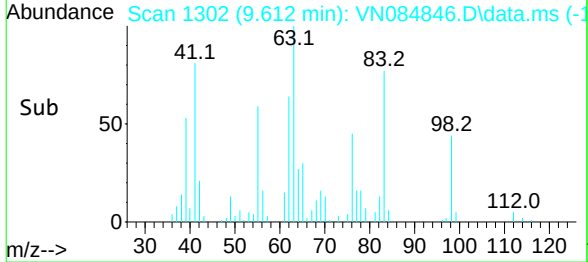
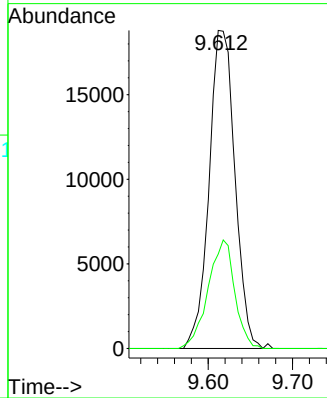
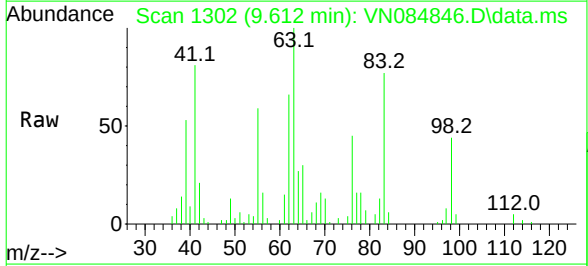
#45
1,2-Dichloropropane
Concen: 20.986 ug/l
RT: 9.612 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 63 Resp: 40081
Ion Ratio Lower Upper
63 100
65 29.7 24.6 37.0

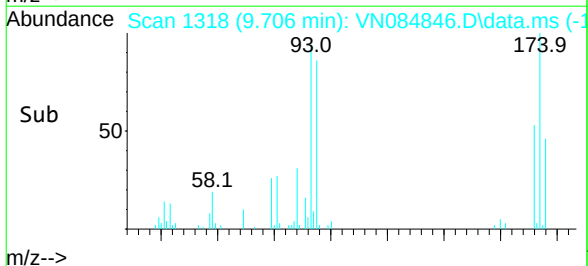
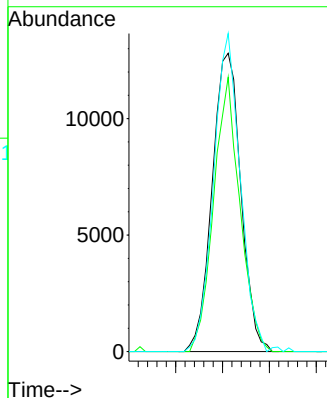
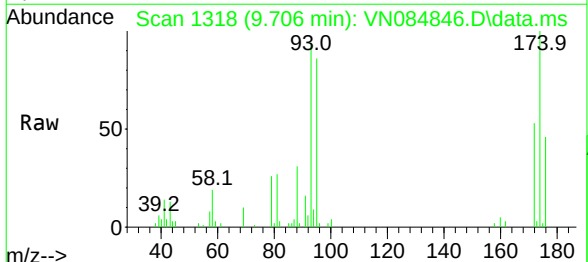
Manual Integrations
APPROVED

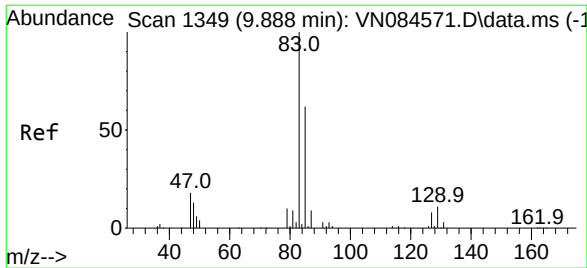
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#46
Dibromomethane
Concen: 20.249 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 93 Resp: 27289
Ion Ratio Lower Upper
93 100
95 84.1 65.0 97.4
174 99.0 71.8 107.8





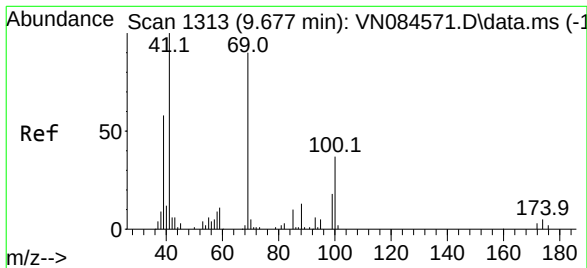
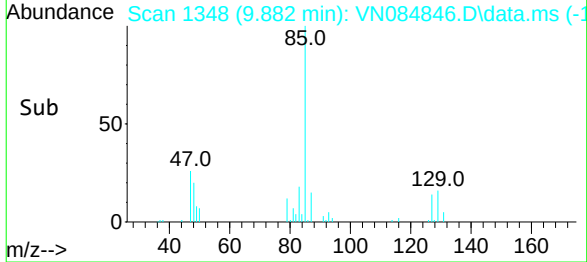
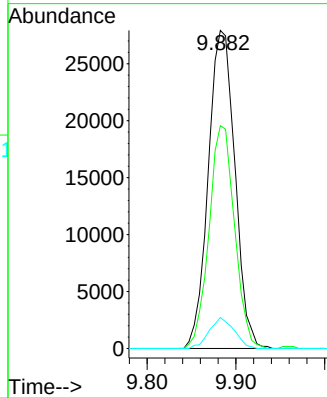
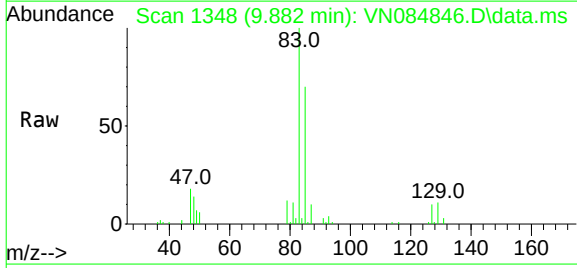
#47
Bromodichloromethane
Concen: 20.499 ug/l
RT: 9.882 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 83 Resp: 58232
Ion Ratio Lower Upper
83 100
85 70.0 51.5 77.3
127 9.7 5.7 8.5#

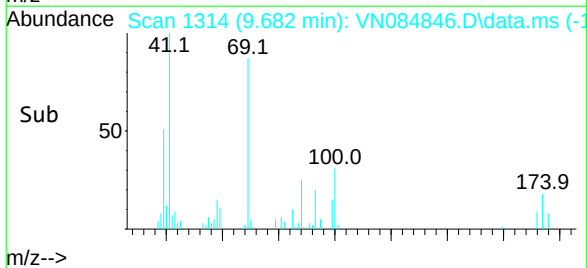
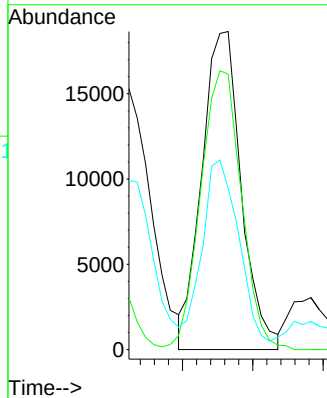
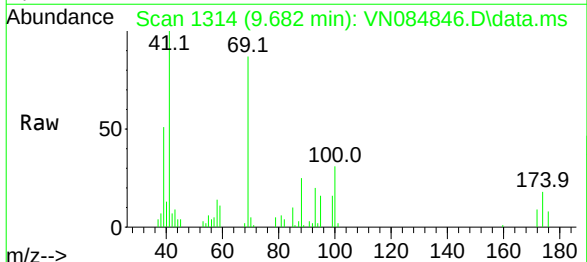
Manual Integrations
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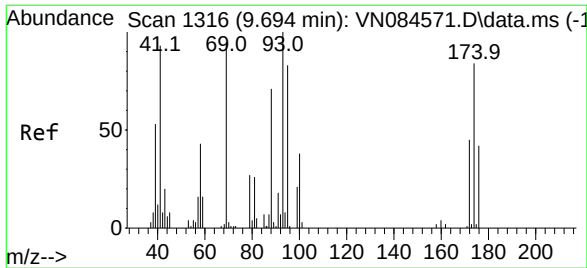
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#48
Methyl methacrylate
Concen: 20.302 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

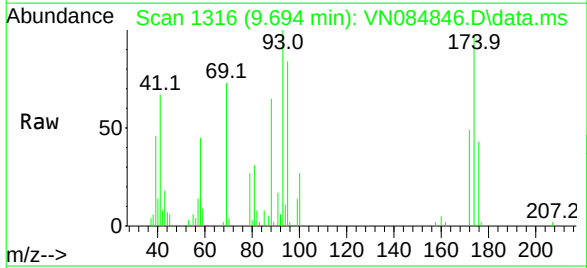
Tgt Ion: 41 Resp: 36343
Ion Ratio Lower Upper
41 100
69 90.7 67.1 100.7
39 56.8 45.8 68.6





#49
1,4-Dioxane
Concen: 431.621 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

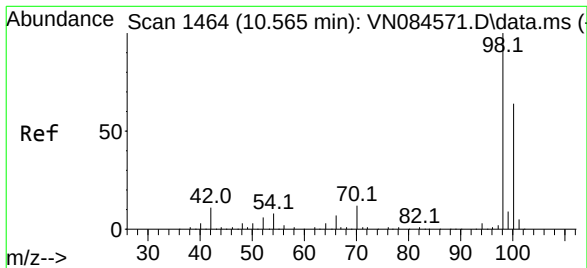
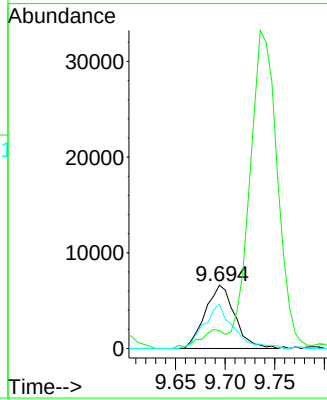
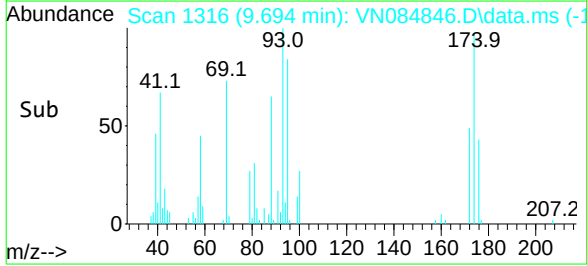
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion: 88 Resp: 13692
Ion Ratio Lower Upper
88 100
43 25.3 25.3 37.9
58 69.3 56.4 84.6

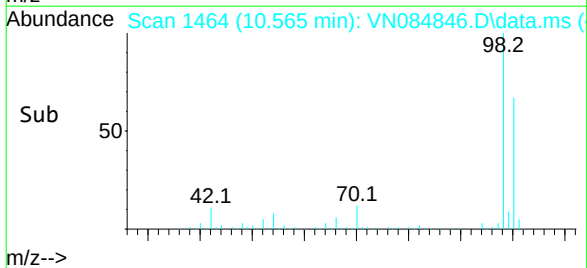
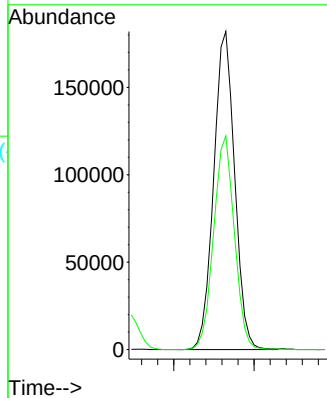
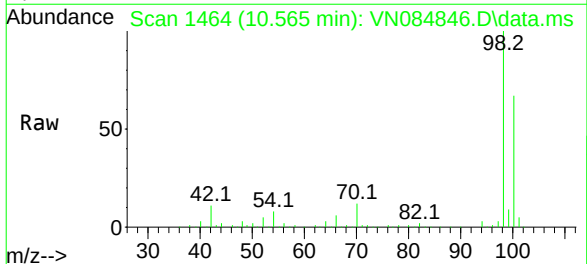
Manual Integrations
APPROVED

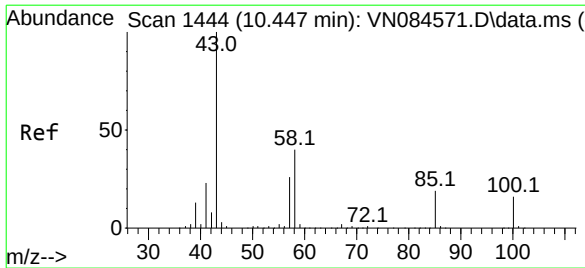
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#50
Toluene-d8
Concen: 49.049 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 98 Resp: 330275
Ion Ratio Lower Upper
98 100
100 66.4 52.7 79.1





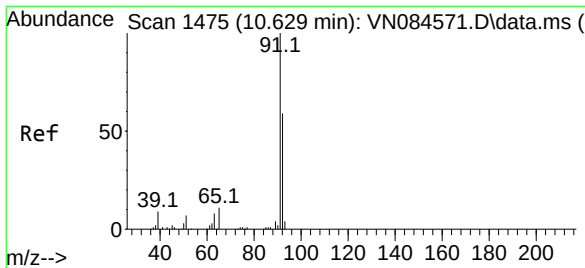
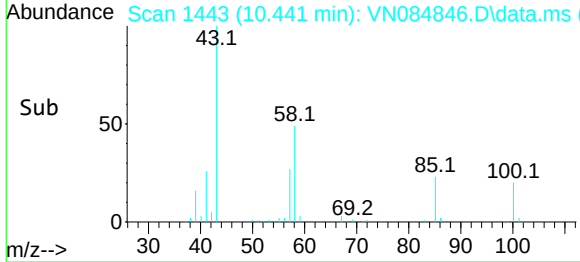
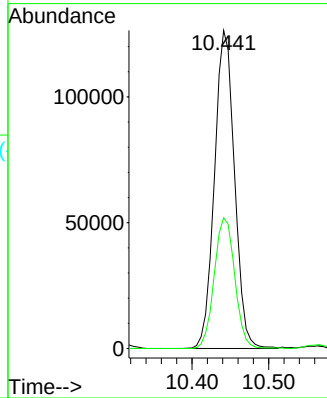
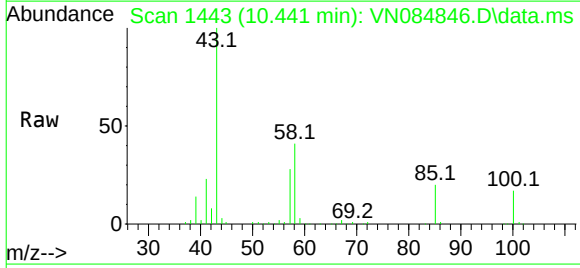
#51
4-Methyl-2-Pentanone
Concen: 104.664 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 43 Resp: 229499
Ion Ratio Lower Upper
43 100
58 42.1 31.6 47.4

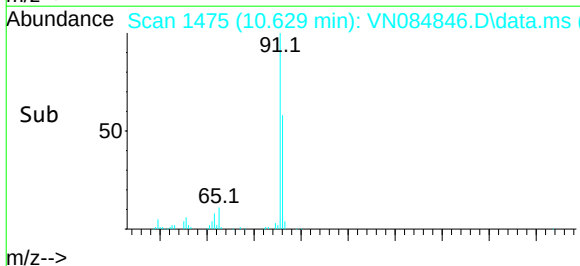
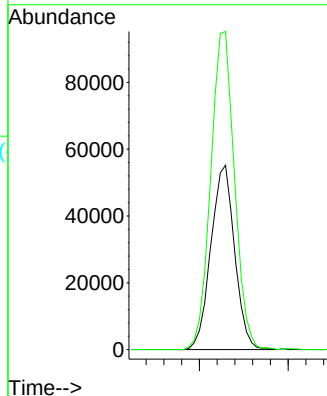
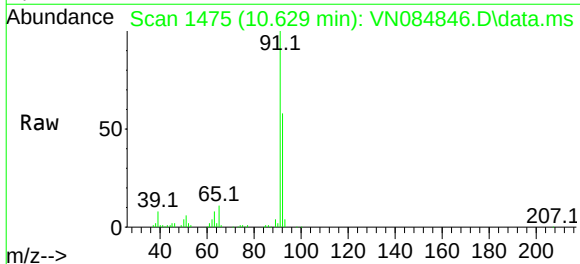
Manual Integrations
APPROVED

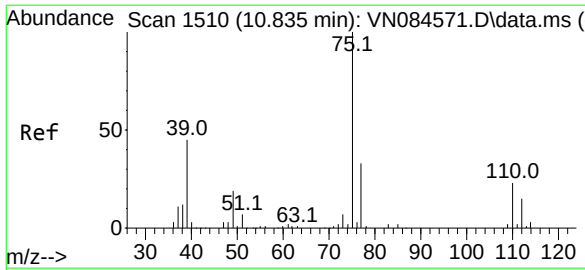
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#52
Toluene
Concen: 21.553 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

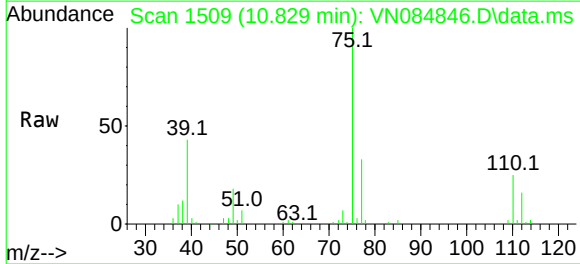
Tgt Ion: 92 Resp: 102629
Ion Ratio Lower Upper
92 100
91 172.8 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 20.466 ug/l
 RT: 10.829 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

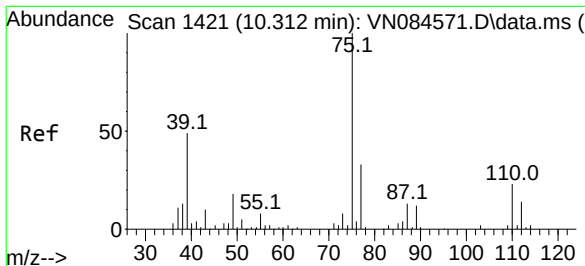
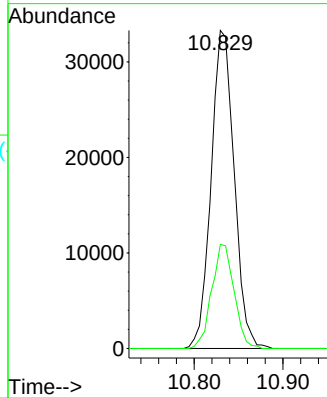
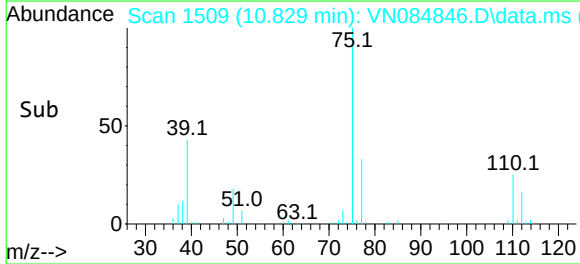
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS02



Tgt Ion: 75 Resp: 60180
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0

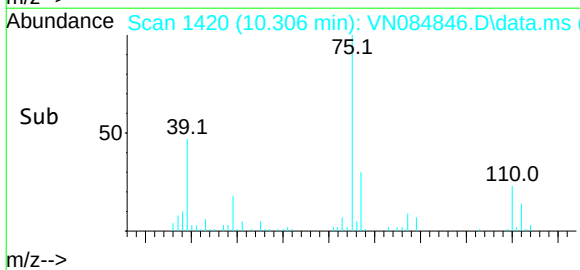
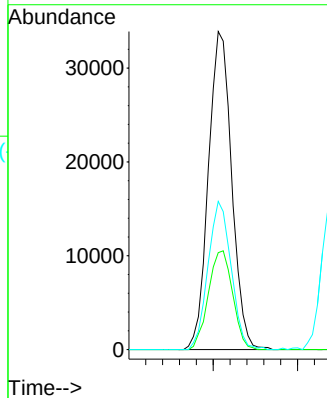
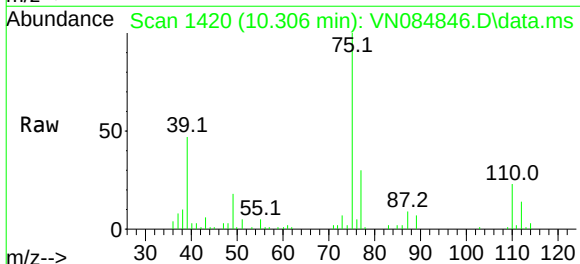
Manual Integrations
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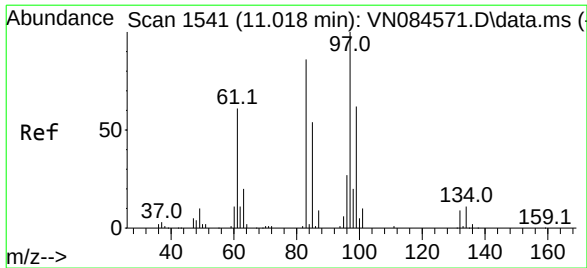
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#54
 cis-1,3-Dichloropropene
 Concen: 20.917 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

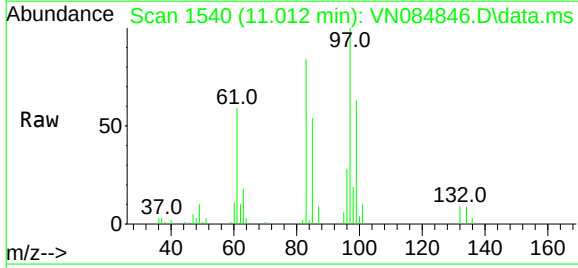
Tgt Ion: 75 Resp: 65098
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.2 36.2
 39 46.6 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 21.580 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

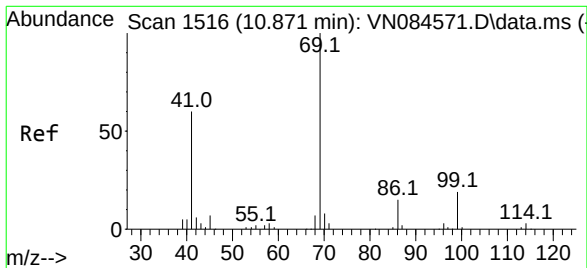
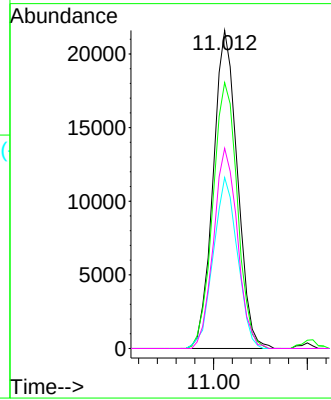
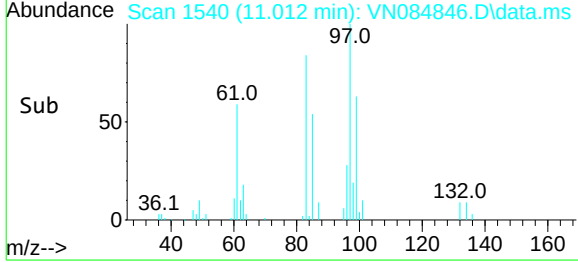
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion:	97	Resp:	38706
Ion	Ratio	Lower	Upper
97	100		
83	83.6	71.0	106.4
85	53.7	41.7	62.5
99	62.9	50.1	75.1

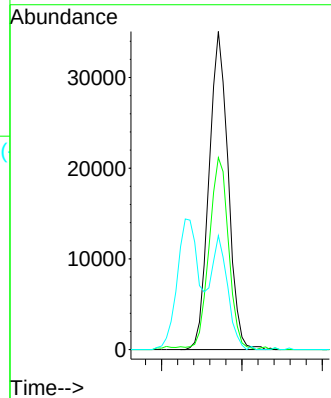
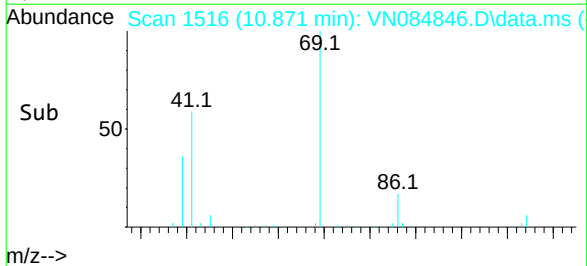
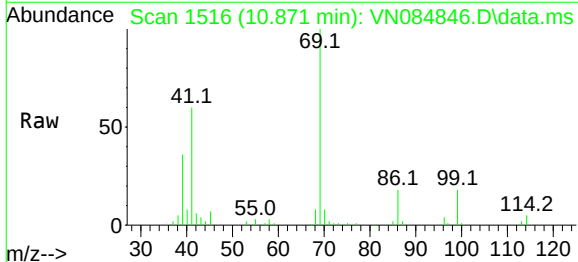
Manual Integrations
APPROVED

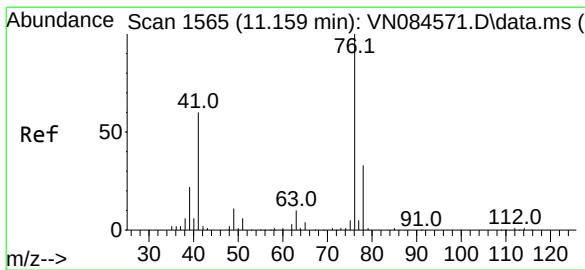
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#56
Ethyl methacrylate
Concen: 22.321 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

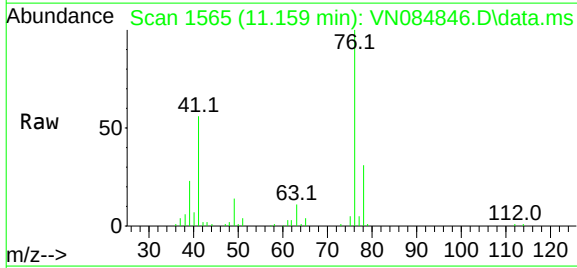
Tgt Ion:	69	Resp:	57910
Ion	Ratio	Lower	Upper
69	100		
41	61.2	53.3	79.9
39	31.5	28.8	43.2





#57
1,3-Dichloropropane
Concen: 21.537 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

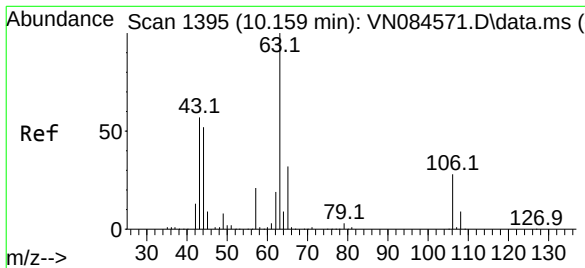
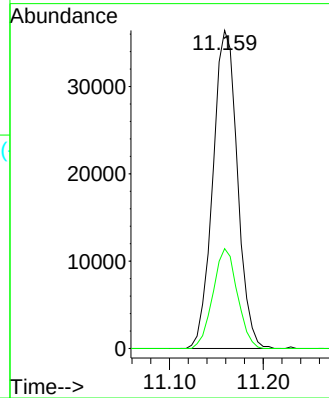
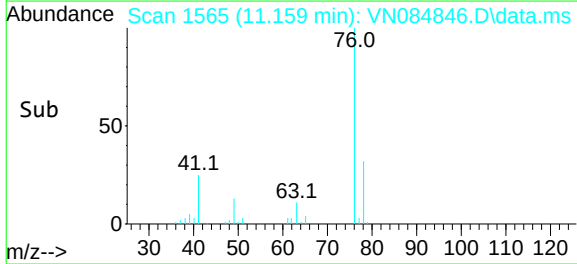
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion: 76 Resp: 66297
Ion Ratio Lower Upper
76 100
78 31.2 25.8 38.6

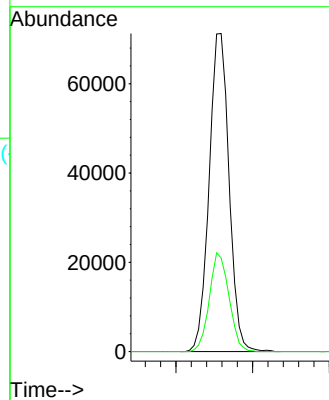
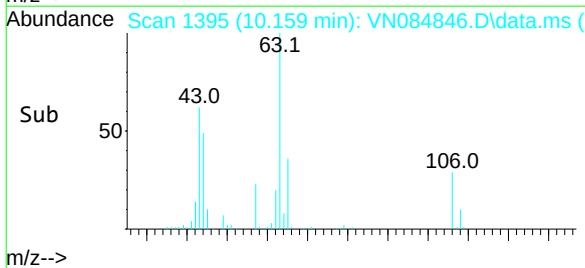
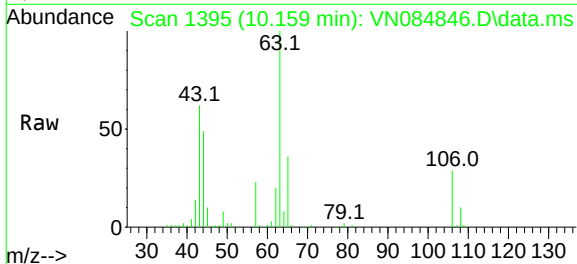
Manual Integrations
APPROVED

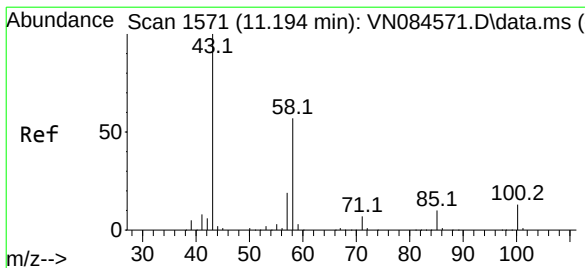
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 105.881 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 63 Resp: 128541
Ion Ratio Lower Upper
63 100
106 30.5 21.8 32.6





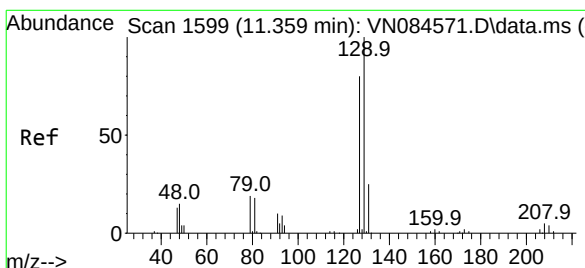
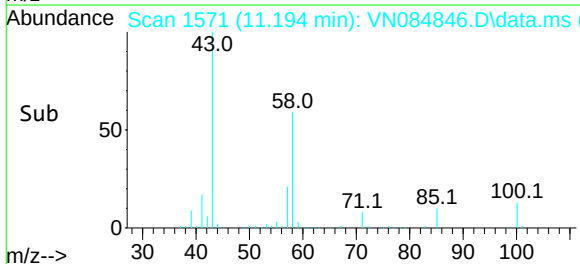
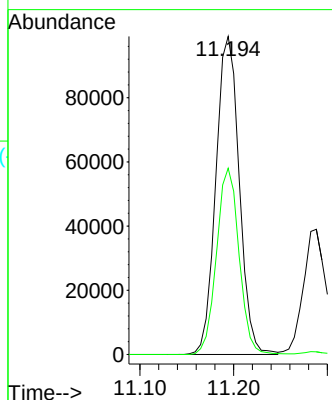
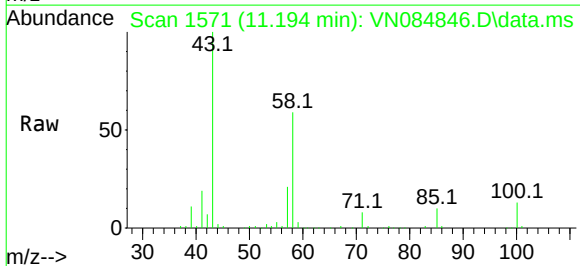
#59
2-Hexanone
Concen: 107.766 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 43 Resp: 172000
Ion Ratio Lower Upper
43 100
58 56.3 27.3 81.8

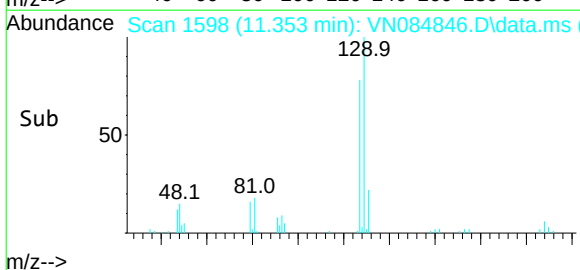
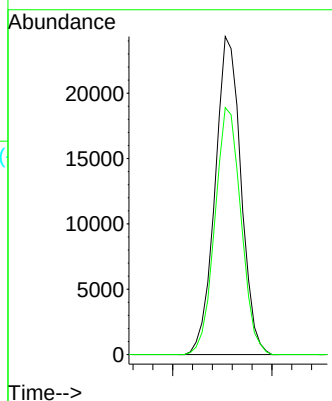
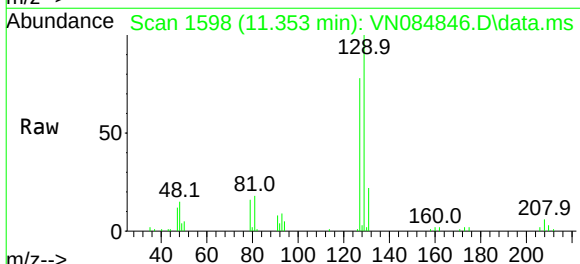
Manual Integrations
APPROVED

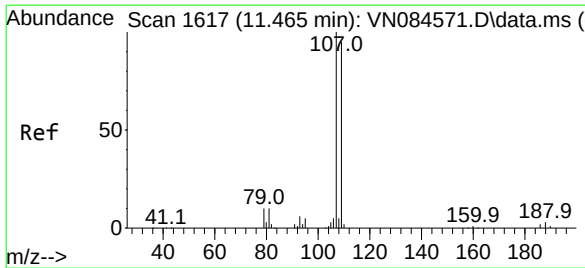
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#60
Dibromochloromethane
Concen: 21.620 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion:129 Resp: 44196
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9





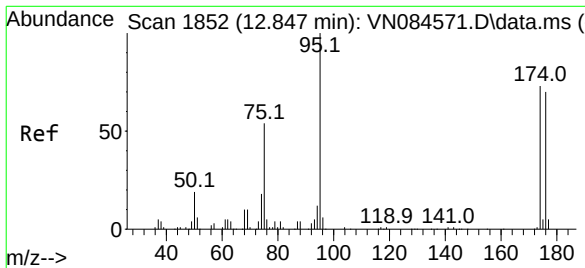
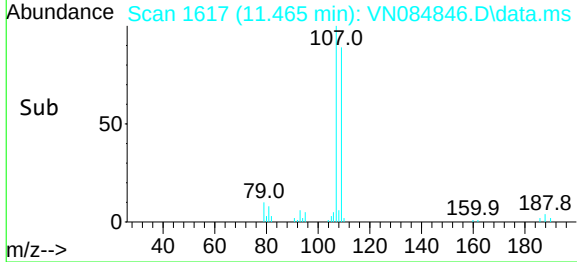
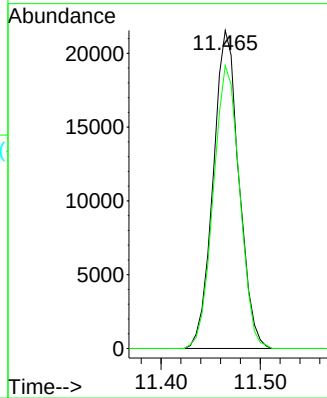
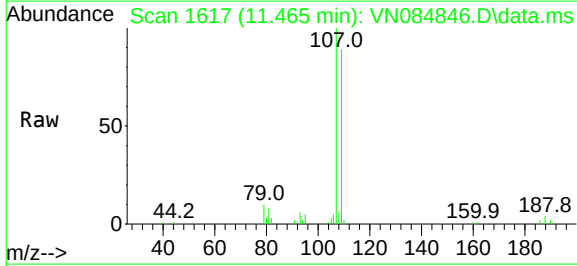
#61
1,2-Dibromoethane
Concen: 21.120 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 107 Resp: 38793
Ion Ratio Lower Upper
107 100
109 90.9 75.4 113.0

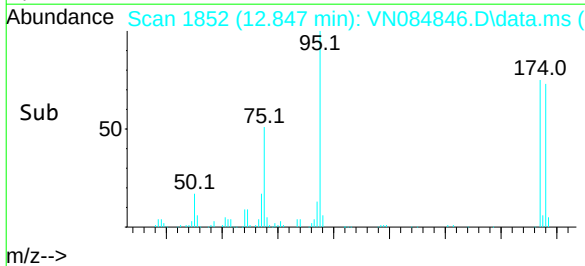
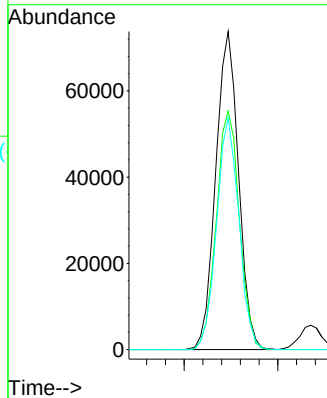
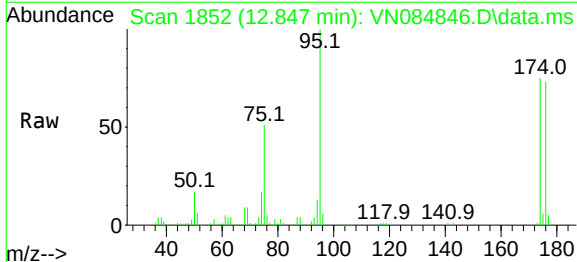
Manual Integrations
APPROVED

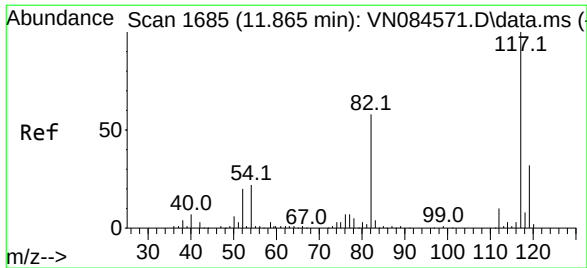
Reviewed By : John Carlone 11/15/2024
Supervised By : Mahesh Dadoda 11/15/2024



#62
4-Bromofluorobenzene
Concen: 49.591 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 95 Resp: 124800
Ion Ratio Lower Upper
95 100
174 76.0 0.0 145.2
176 71.1 0.0 140.0





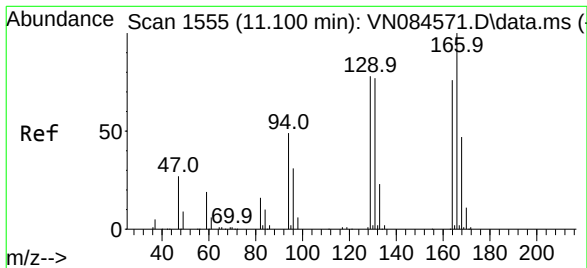
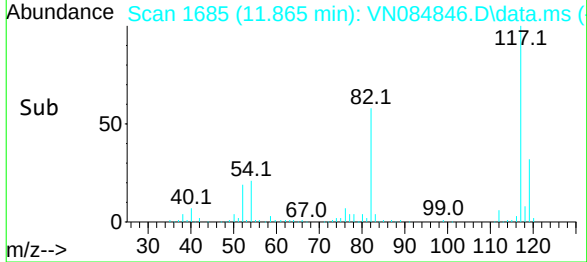
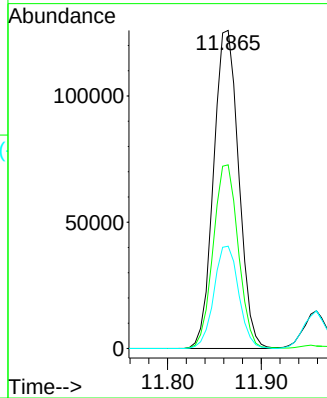
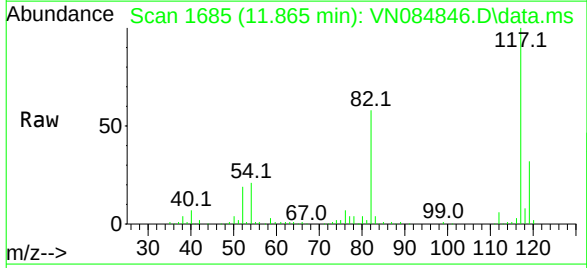
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion:117 Resp: 234639
Ion Ratio Lower Upper
117 100
82 57.8 47.2 70.8
119 32.2 25.4 38.0

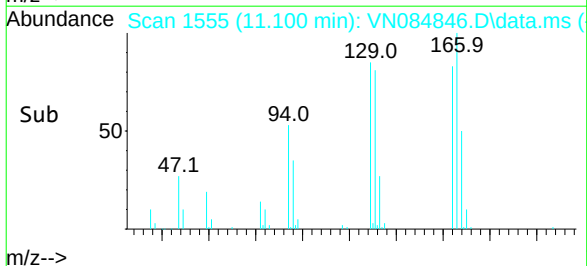
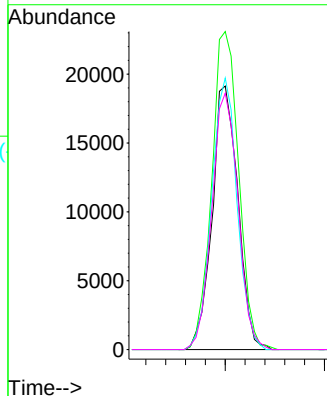
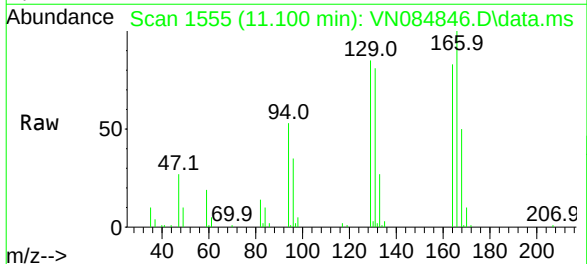
Manual Integrations
APPROVED

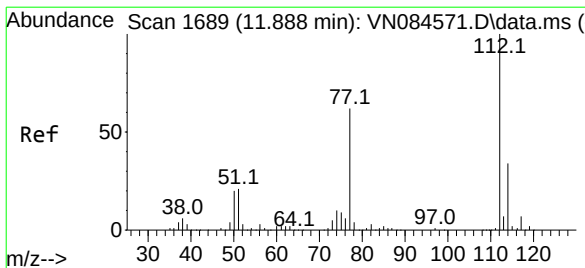
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#64
Tetrachloroethene
Concen: 22.214 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

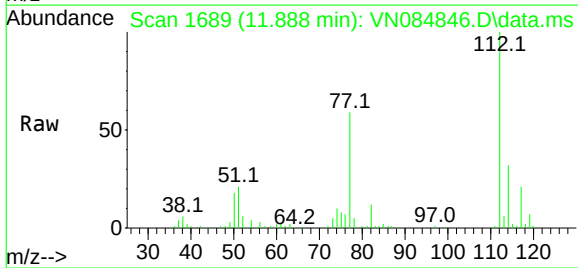
Tgt Ion:164 Resp: 34670
Ion Ratio Lower Upper
164 100
166 120.7 101.0 151.4
129 103.1 80.8 121.2
131 97.3 78.1 117.1





#65
Chlorobenzene
Concen: 21.113 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

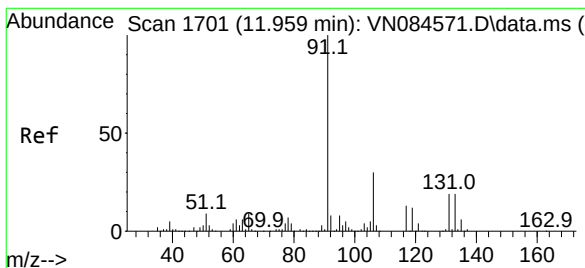
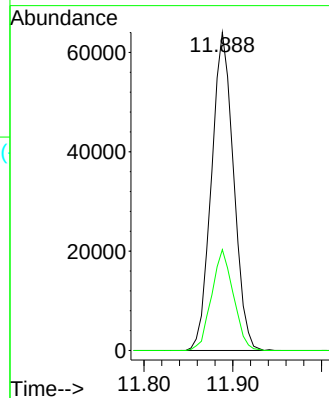
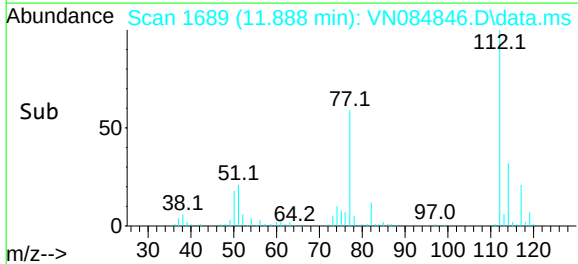
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion:112 Resp: 110830
Ion Ratio Lower Upper
112 100
114 31.7 27.0 40.6

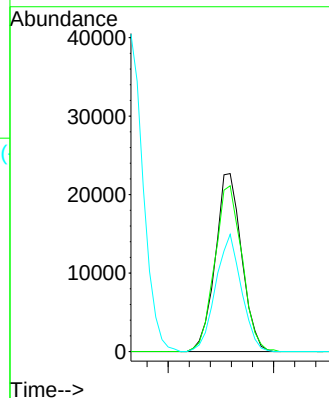
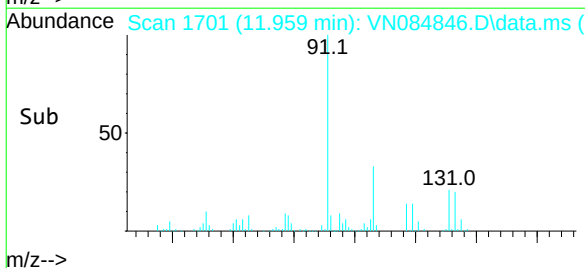
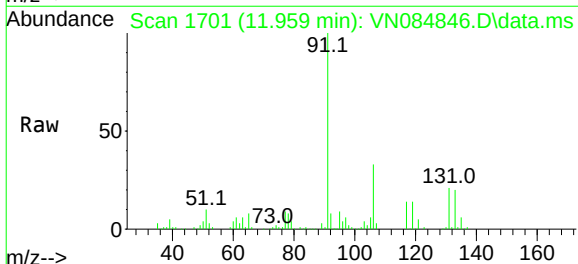
Manual Integrations
APPROVED

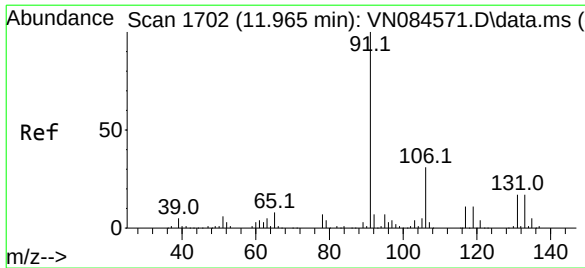
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.612 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion:131 Resp: 39460
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 64.2 32.8 98.3





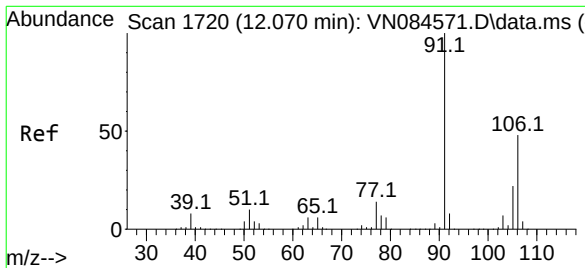
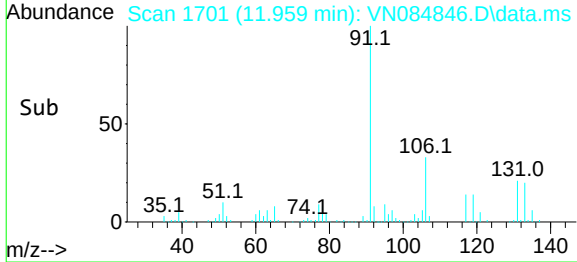
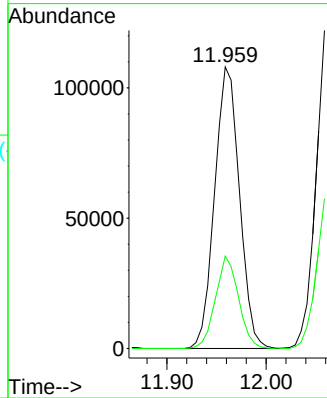
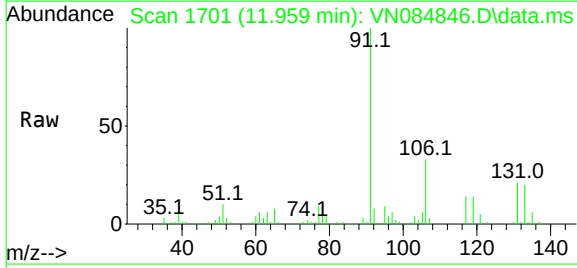
#67
Ethyl Benzene
Concen: 21.436 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 91 Resp: 187829
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7

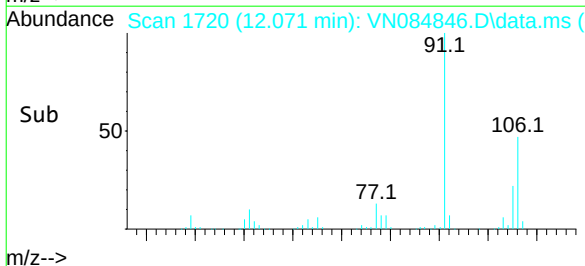
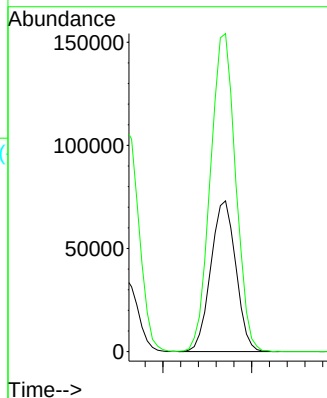
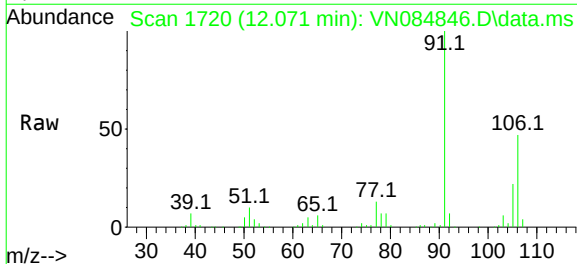
Manual Integrations
APPROVED

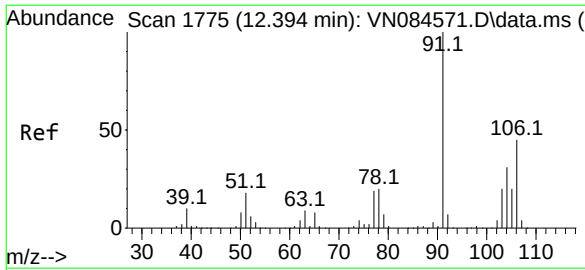
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#68
m/p-Xylenes
Concen: 43.206 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion:106 Resp: 143326
Ion Ratio Lower Upper
106 100
91 213.0 167.1 250.7





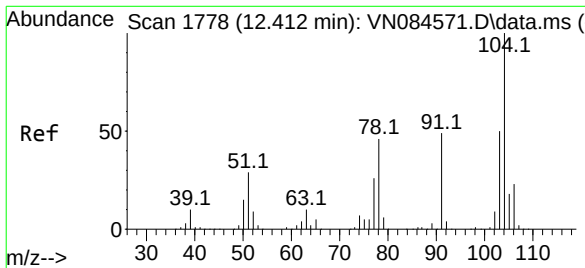
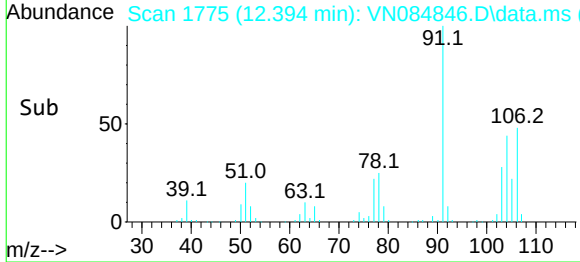
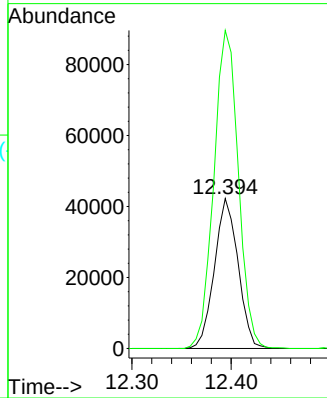
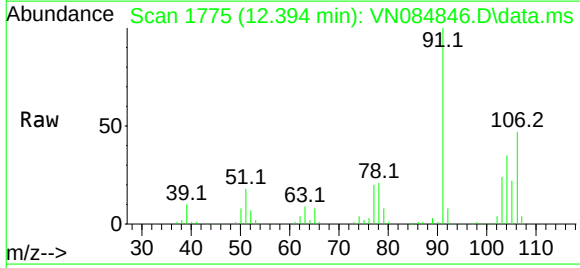
#69
o-Xylene
Concen: 22.552 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion:106 Resp: 69983
Ion Ratio Lower Upper
106 100
91 219.6 110.2 330.6

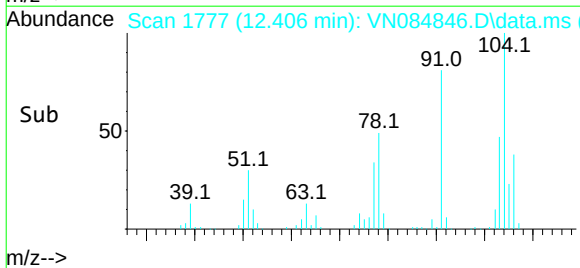
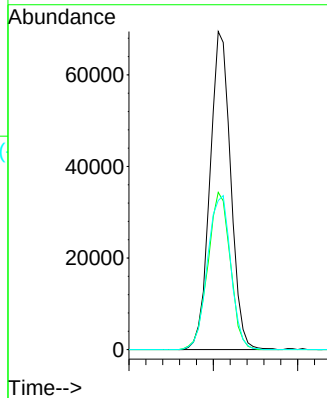
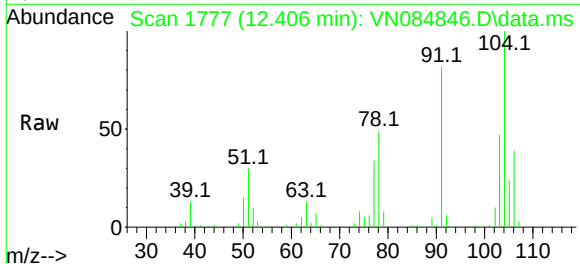
Manual Integrations
APPROVED

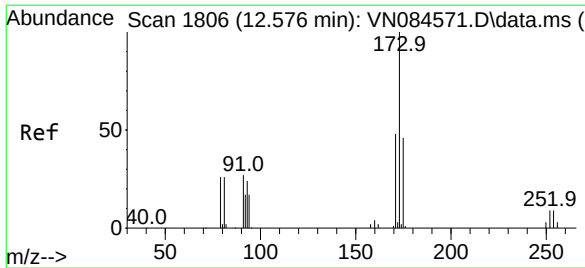
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#70
Styrene
Concen: 21.975 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

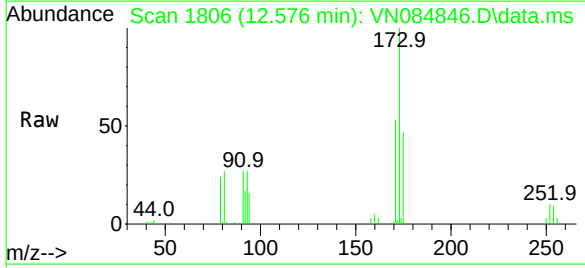
Tgt Ion:104 Resp: 118961
Ion Ratio Lower Upper
104 100
78 53.3 42.7 64.1
103 54.2 43.6 65.4





#71
Bromoform
Concen: 20.861 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

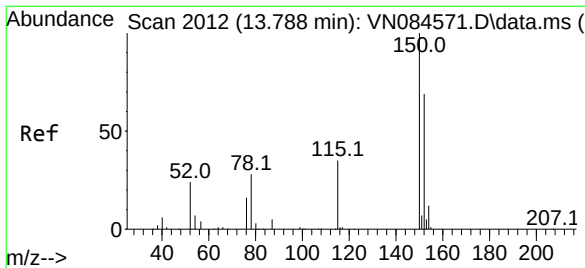
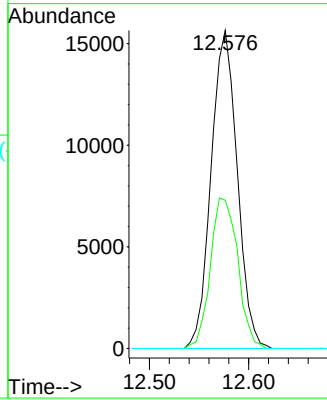
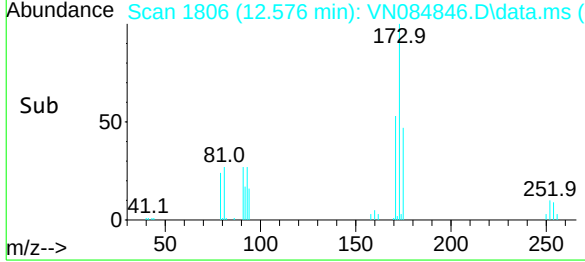
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.5	70.6
254	0.0	0.0	0.0

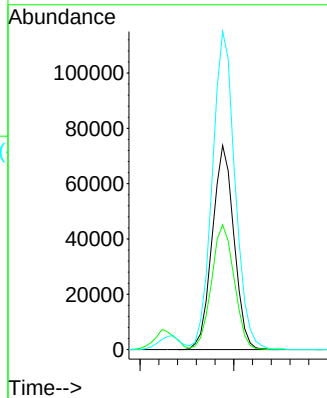
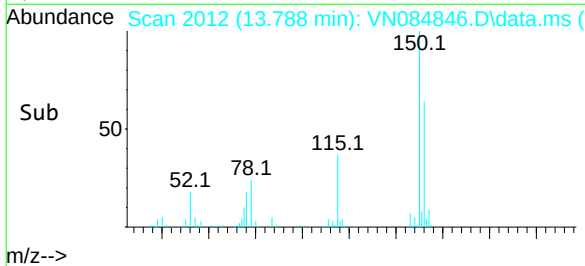
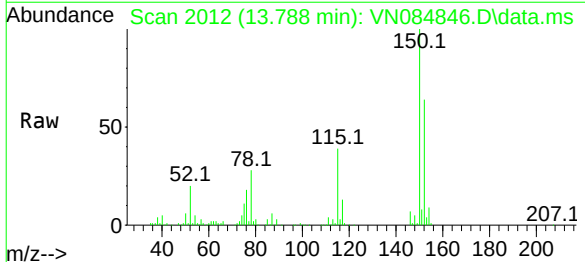
Manual Integrations
APPROVED

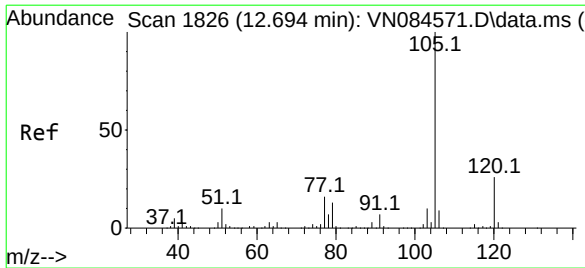
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.8	31.3	93.9
150	163.4	0.0	349.8





#73

Isopropylbenzene

Concen: 21.337 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

Tgt Ion: 105 Resp: 177802

Ion Ratio Lower Upper

105 100

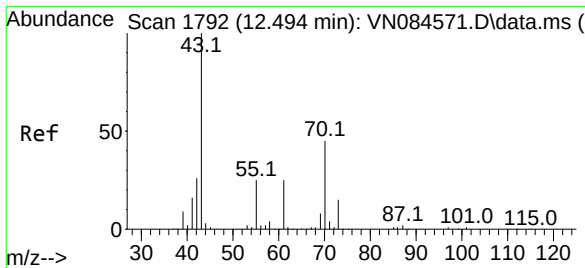
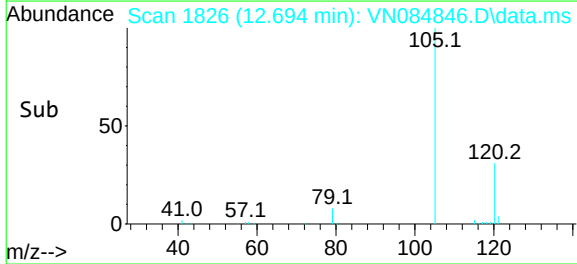
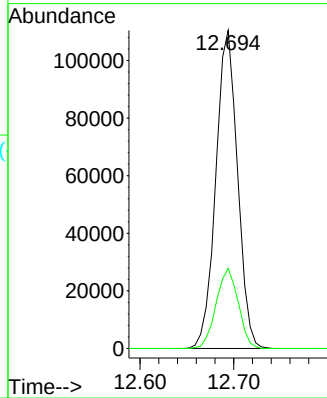
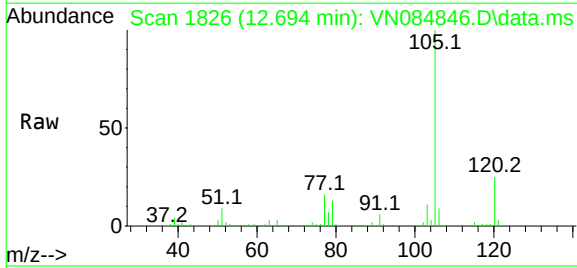
120 25.6 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#74

N-ethyl acetate

Concen: 19.313 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Tgt Ion: 43 Resp: 68496

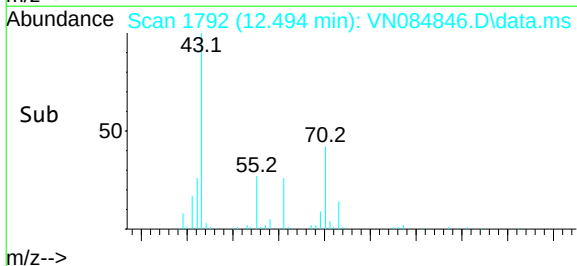
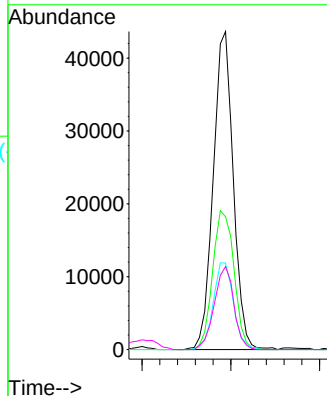
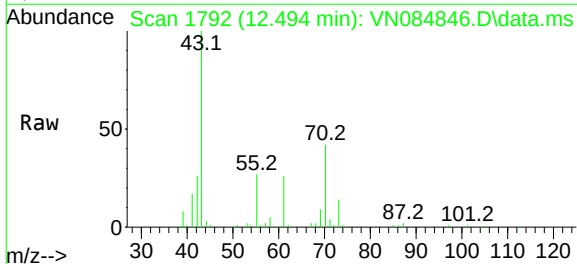
Ion Ratio Lower Upper

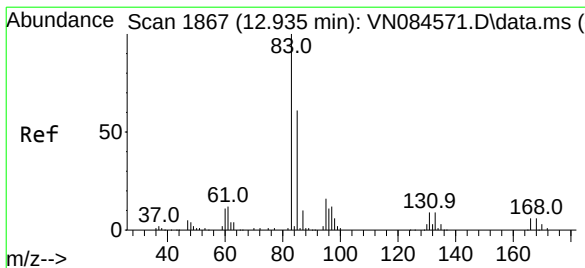
43 100

70 46.5 34.4 51.6

55 27.5 19.6 29.4

61 25.6 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.302 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

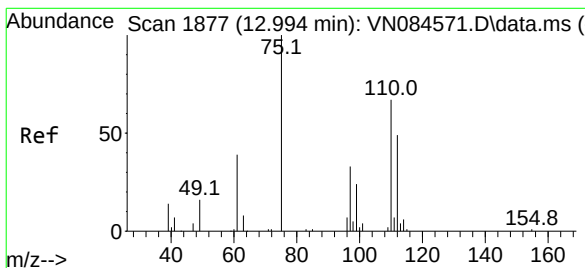
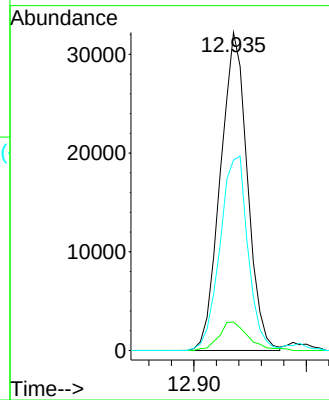
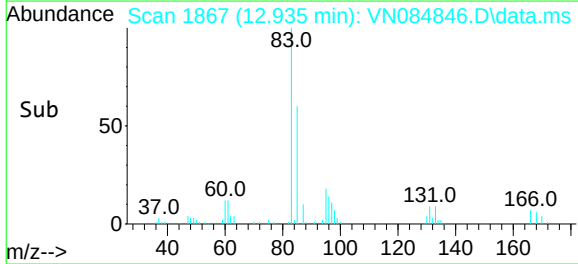
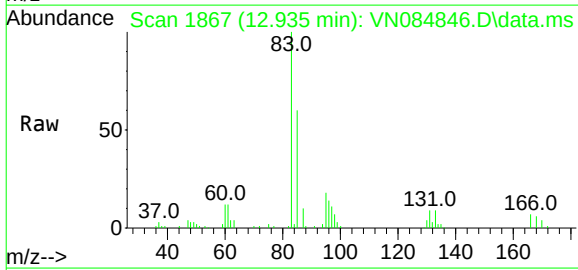
Tgt Ion:	83	Resp:	53689
Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#76

1,2,3-Trichloropropane

Concen: 21.335 ug/l m

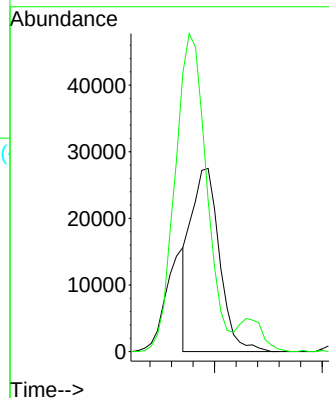
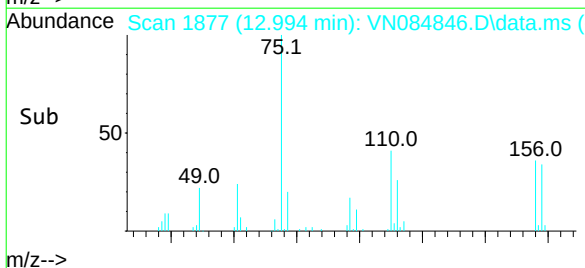
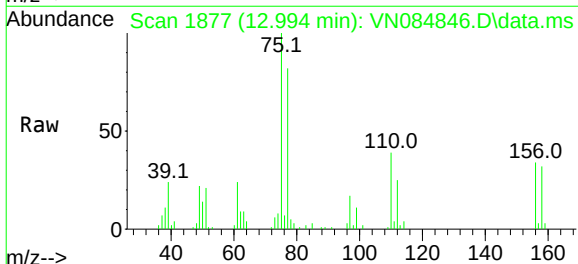
RT: 12.994 min Scan# 1877

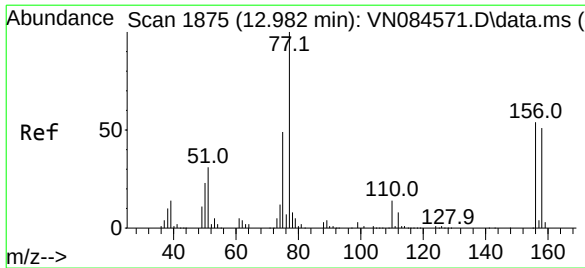
Delta R.T. 0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

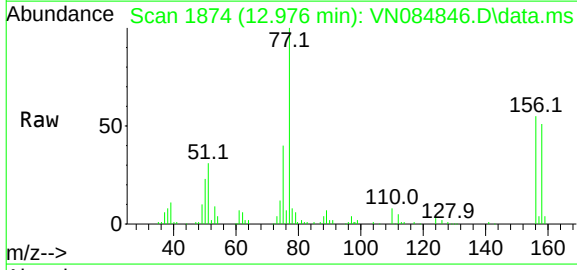
Tgt Ion:	75	Resp:	50712
Ion	Ratio	Lower	Upper
75	100		
77	191.8	96.9	290.7





#77
Bromobenzene
Concen: 20.118 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

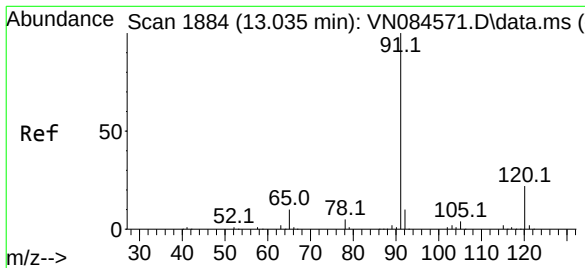
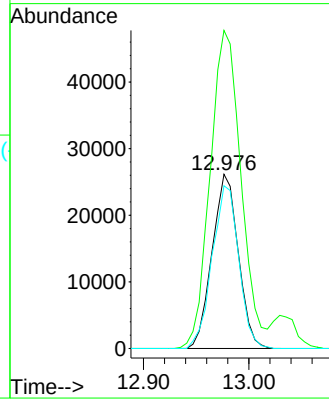
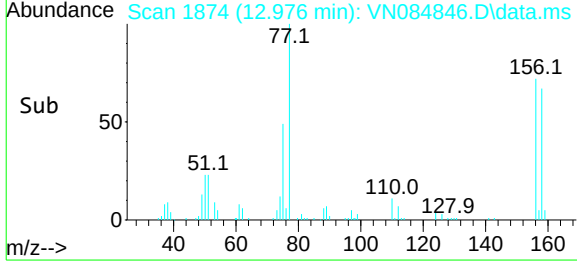
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



Tgt Ion: 156 Resp: 45069
Ion Ratio Lower Upper
156 100
77 215.8 115.1 345.3
158 94.9 48.9 146.8

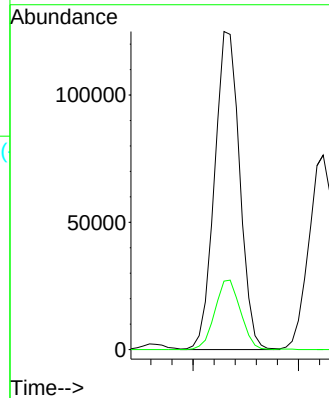
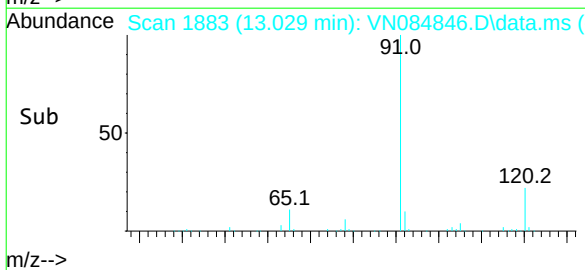
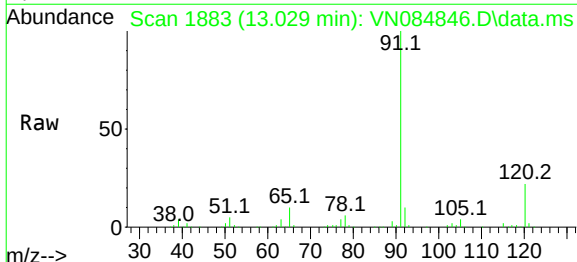
Manual Integrations
APPROVED

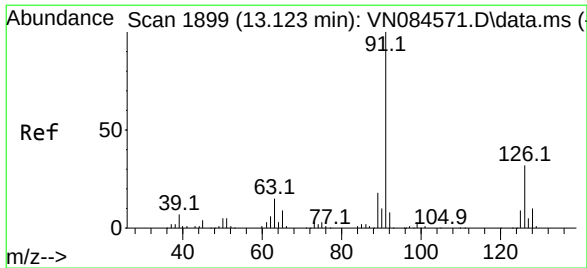
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#78
n-propylbenzene
Concen: 21.216 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion: 91 Resp: 207174
Ion Ratio Lower Upper
91 100
120 22.2 10.8 32.4





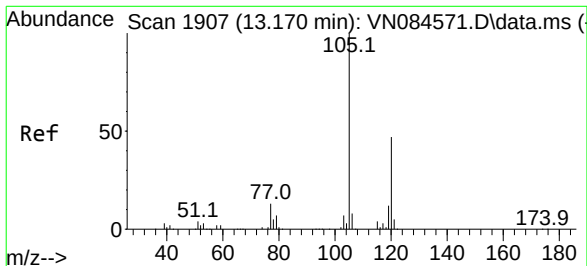
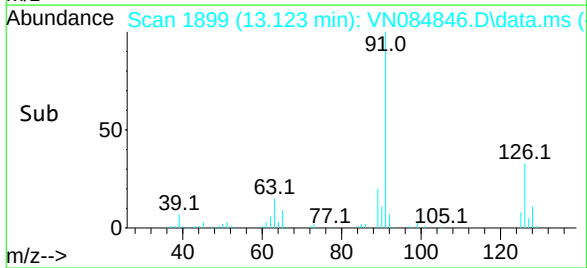
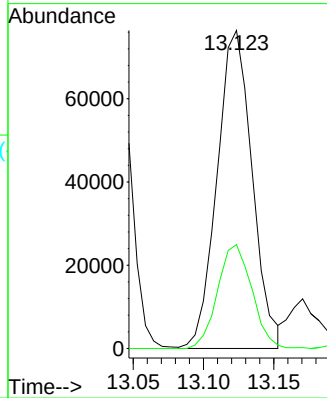
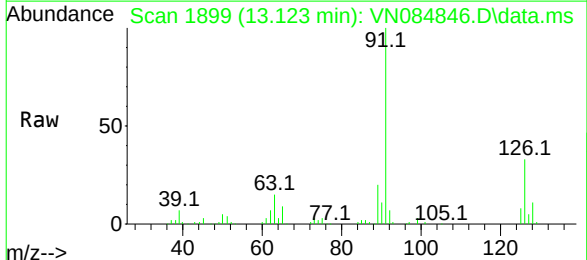
#79
2-Chlorotoluene
Concen: 20.807 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 91 Resp: 132760
Ion Ratio Lower Upper
91 100
126 31.9 15.7 47.1

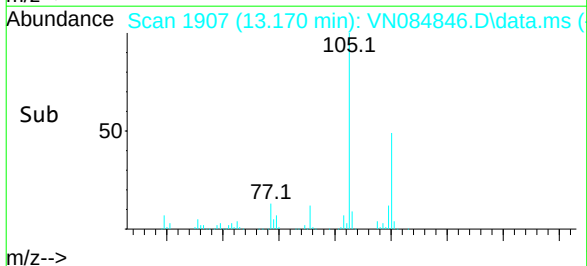
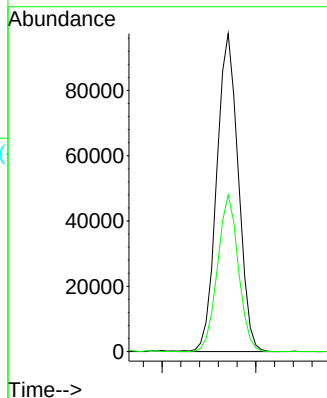
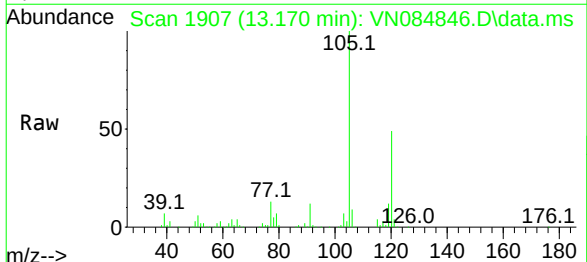
Manual Integrations
APPROVED

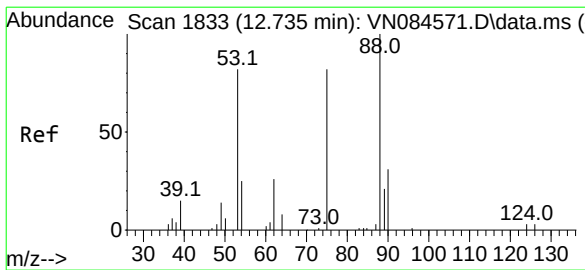
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 22.523 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

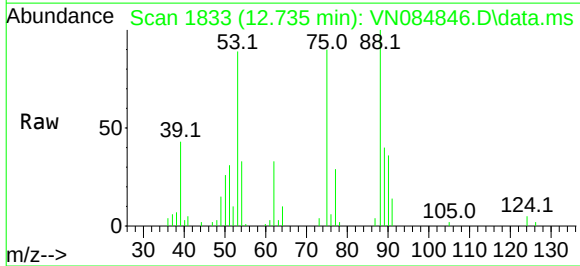
Tgt Ion:105 Resp: 155554
Ion Ratio Lower Upper
105 100
120 47.6 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 18.603 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

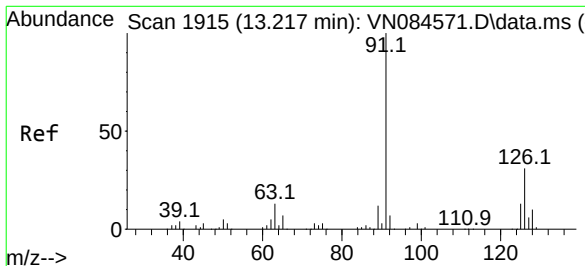
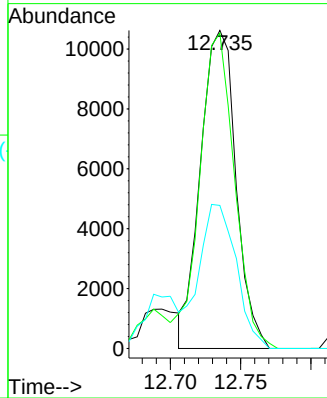
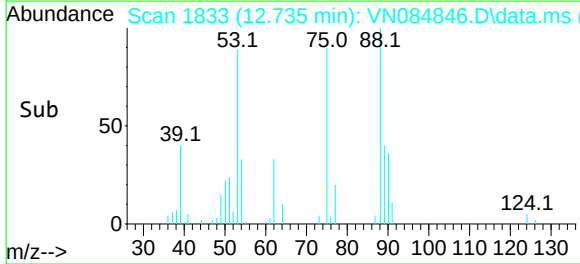
Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02



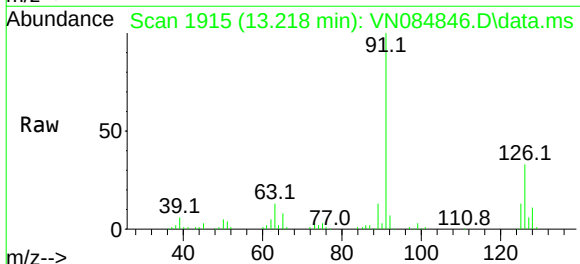
Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.6	78.0	117.0
89	47.9	35.5	53.3

Manual Integrations
APPROVED

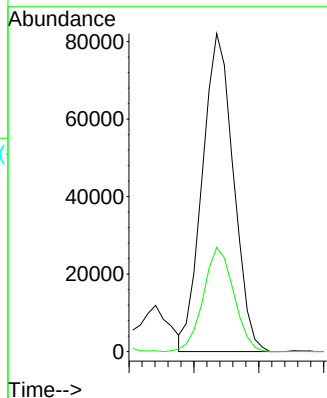
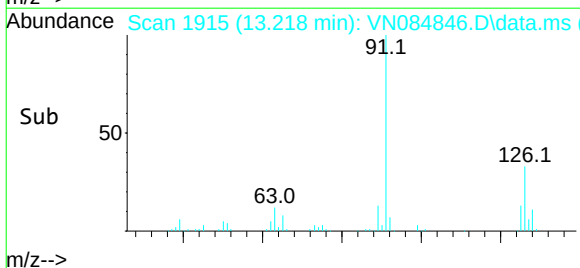
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024

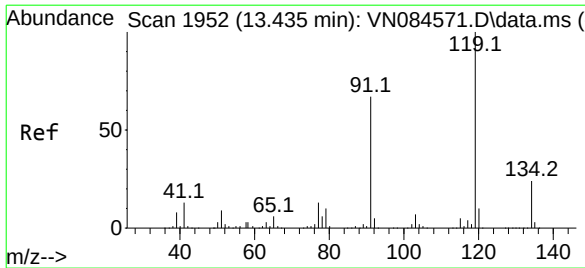


#82
4-Chlorotoluene
Concen: 20.363 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50



Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.7	47.1





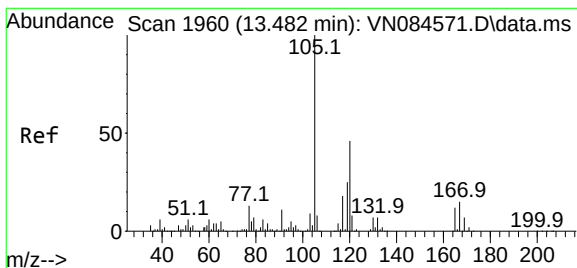
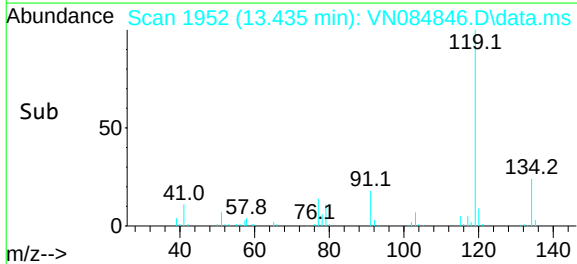
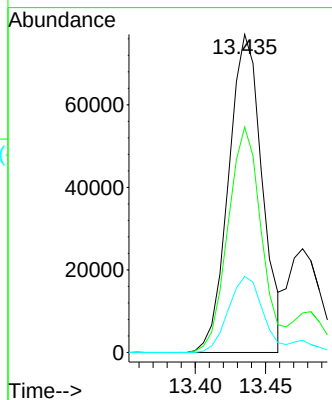
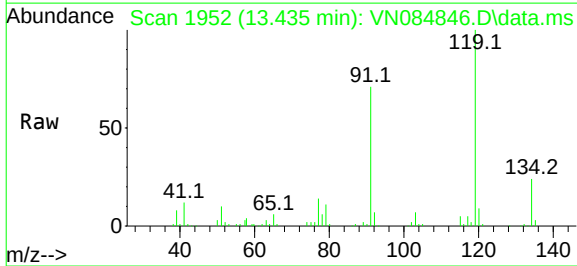
#83
tert-Butylbenzene
Concen: 22.460 ug/l
RT: 13.435 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion:119 Resp: 128384
Ion Ratio Lower Upper
119 100
91 71.1 34.1 102.3
134 24.5 12.8 38.4

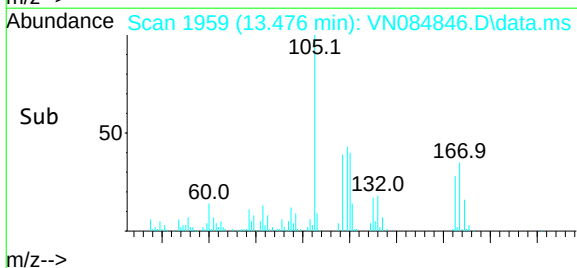
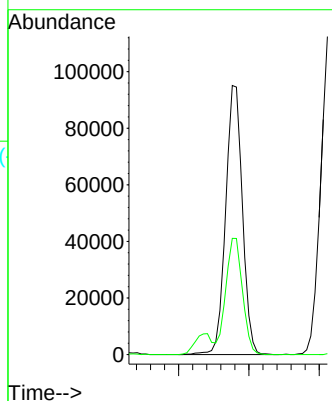
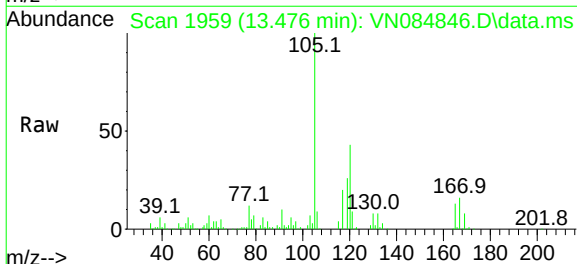
Manual Integrations
APPROVED

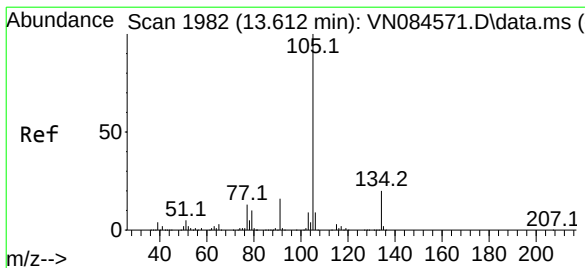
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 22.089 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

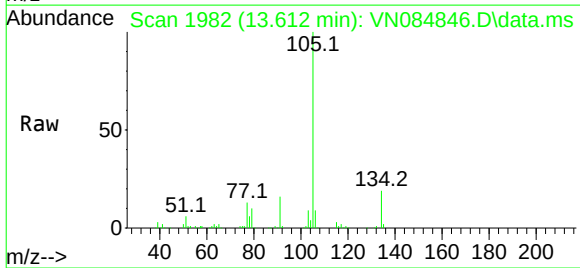
Tgt Ion:105 Resp: 157459
Ion Ratio Lower Upper
105 100
120 43.0 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 21.807 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

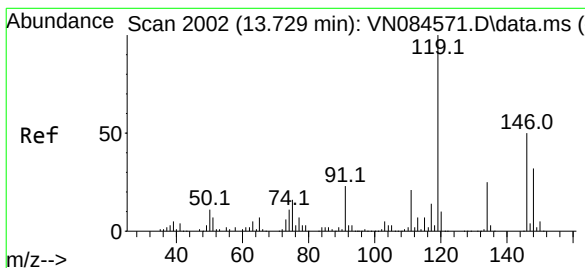
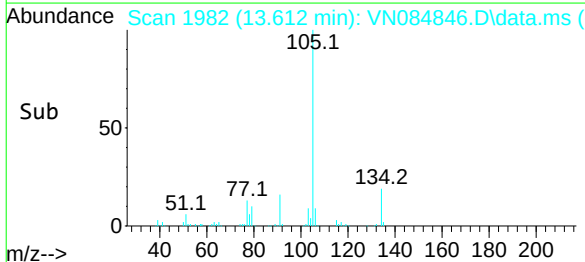
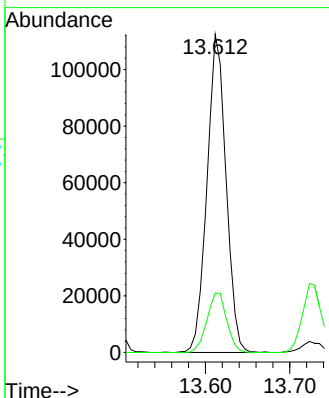
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBS02



Tgt Ion:105 Resp: 176072
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4

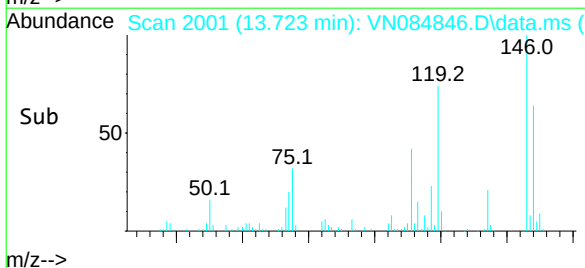
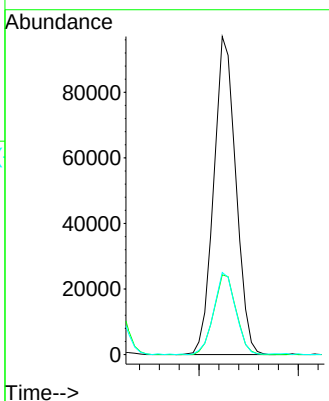
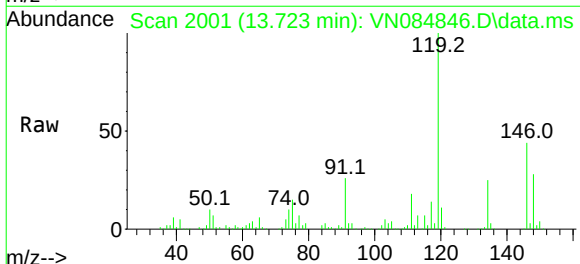
Manual Integrations
 APPROVED

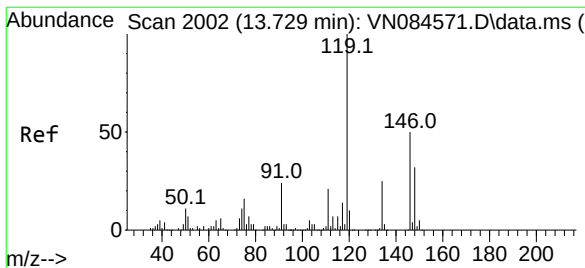
Reviewed By :John Carlone 11/15/2024
 Supervised By :Mahesh Dadoda 11/15/2024



#86
 p-Isopropyltoluene
 Concen: 22.702 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN084846.D
 Acq: 14 Nov 2024 12:50

Tgt Ion:119 Resp: 150327
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.8
 91 25.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 19.184 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

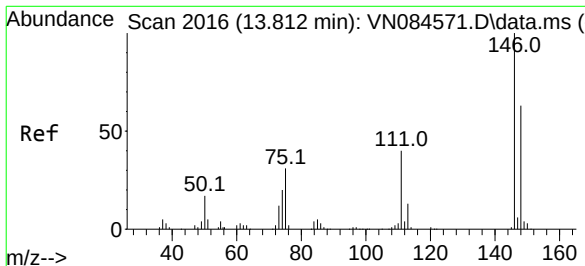
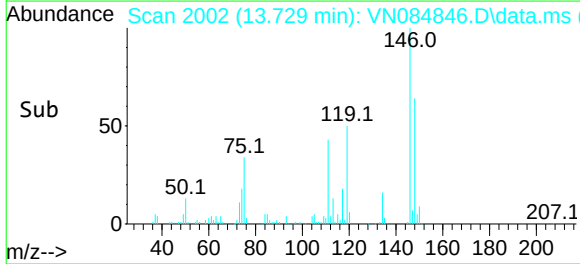
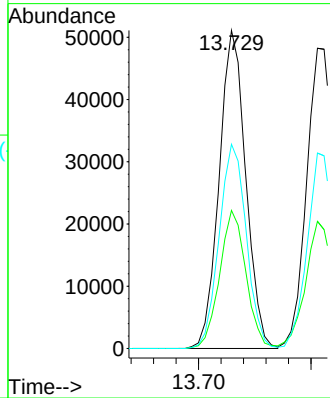
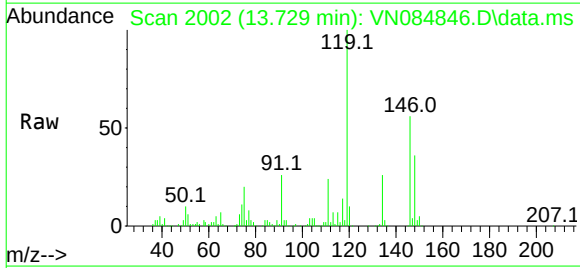
Tgt Ion:	146	Resp:	83871
Ion Ratio	Lower	Upper	
146	100		
111	43.2	21.8	65.3
148	65.7	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#88

1,4-Dichlorobenzene

Concen: 20.288 ug/l

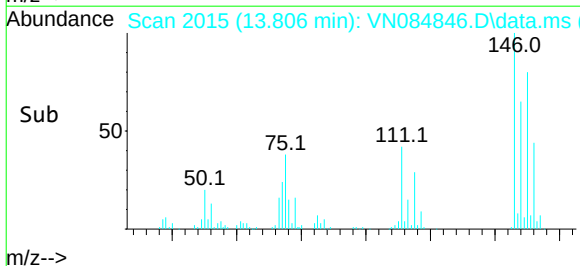
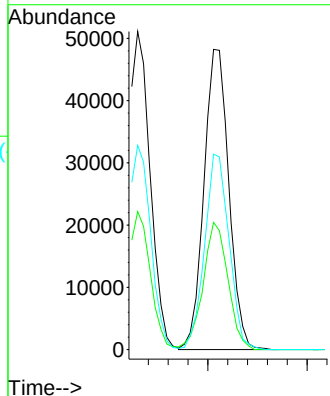
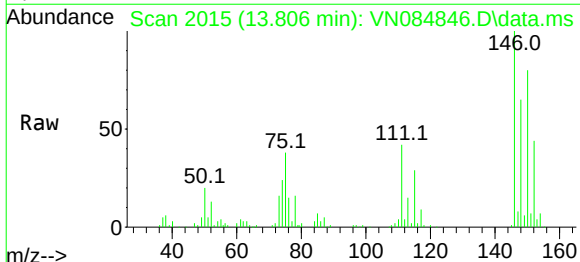
RT: 13.806 min Scan# 2015

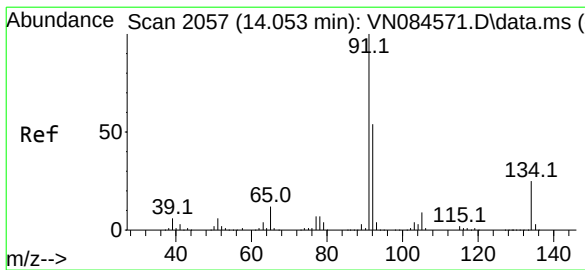
Delta R.T. -0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Tgt Ion:	146	Resp:	84098
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.2	63.6
148	64.0	31.9	95.9





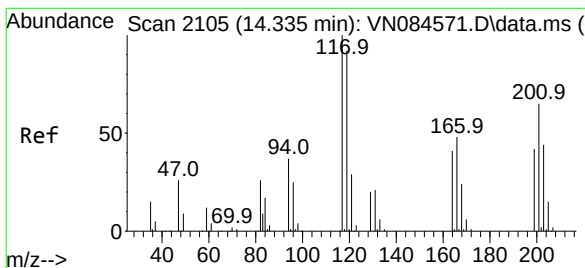
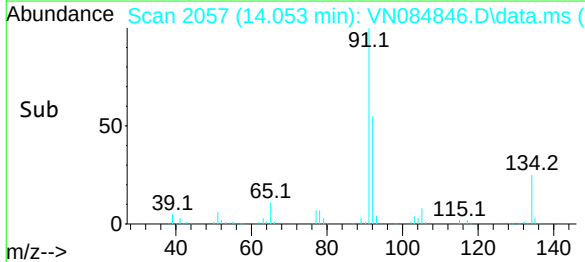
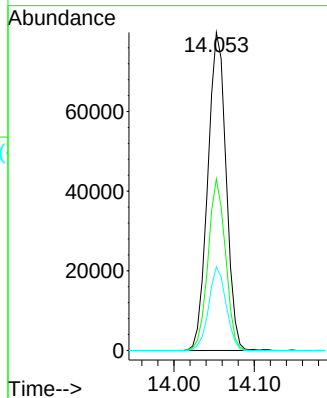
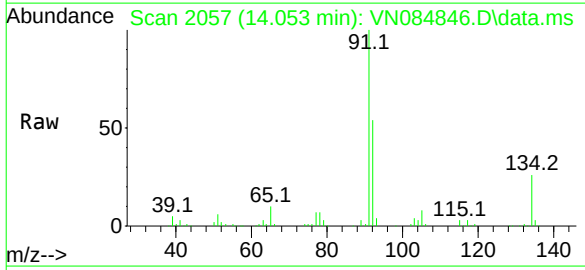
#89
n-Butylbenzene
Concen: 20.447 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBS02

Tgt Ion: 91 Resp: 126655
Ion Ratio Lower Upper
91 100
92 51.1 26.6 79.7
134 25.0 12.3 36.9

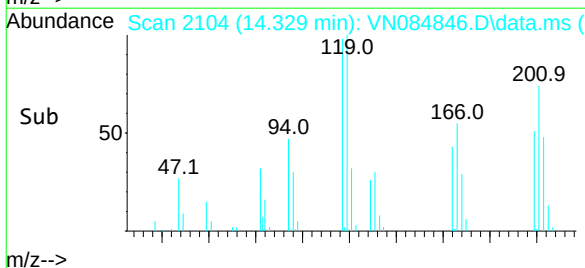
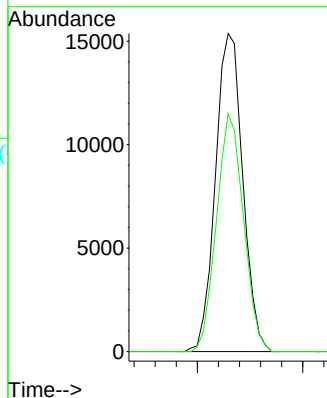
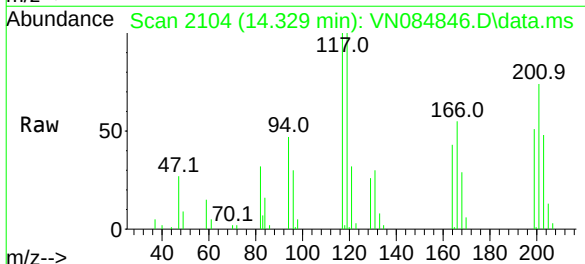
Manual Integrations
APPROVED

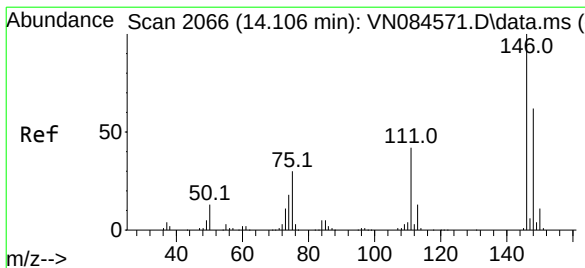
Reviewed By :John Carlone 11/15/2024
Supervised By :Mahesh Dadoda 11/15/2024



#90
Hexachloroethane
Concen: 18.708 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084846.D
Acq: 14 Nov 2024 12:50

Tgt Ion:117 Resp: 27627
Ion Ratio Lower Upper
117 100
201 74.0 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 19.297 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

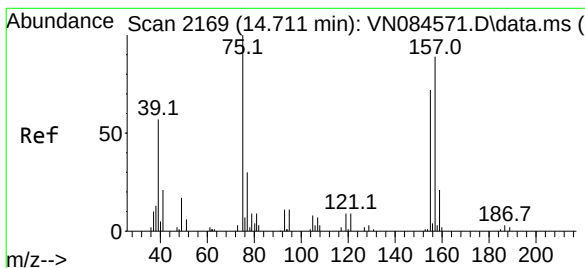
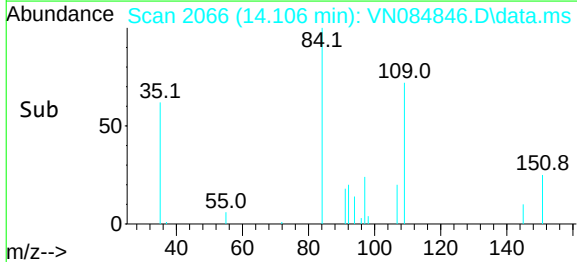
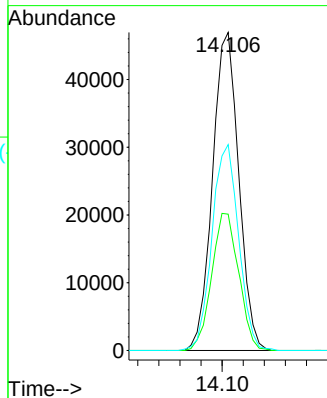
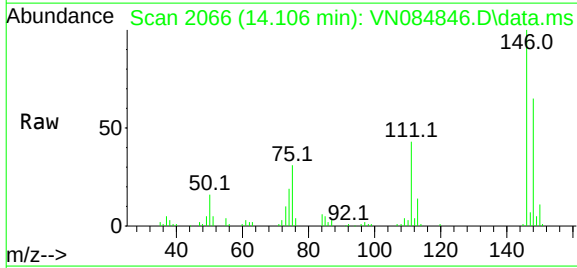
Tgt Ion:	146	Resp:	81067
Ion Ratio	Lower	Upper	
146	100		
111	44.4	22.0	66.0
148	65.8	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.048 ug/l

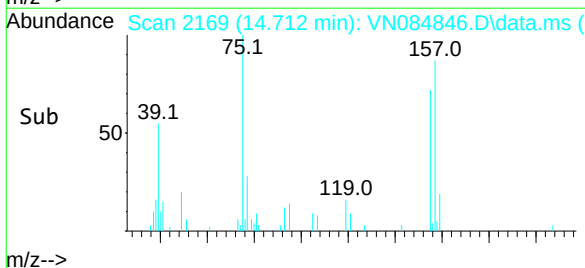
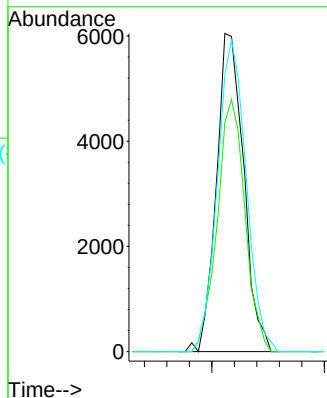
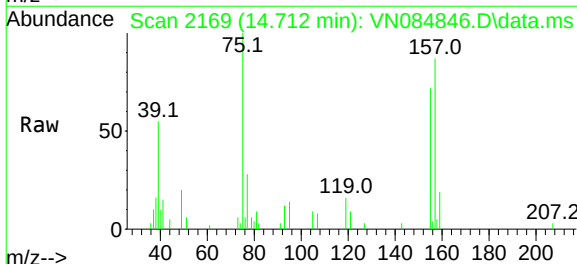
RT: 14.712 min Scan# 2169

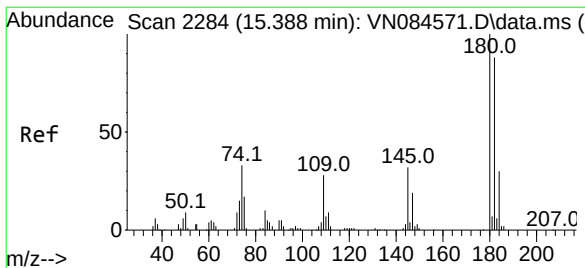
Delta R.T. -0.006 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Tgt Ion:	75	Resp:	10170
Ion Ratio	Lower	Upper	
75	100		
155	80.6	38.1	114.5
157	103.5	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 18.690 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

Tgt Ion:180 Resp: 42976

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.0

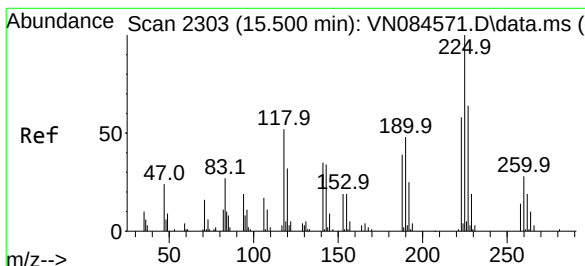
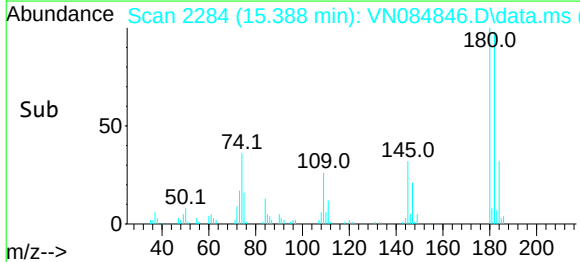
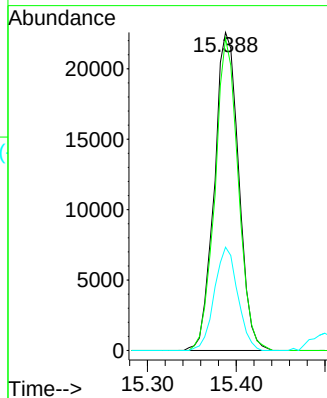
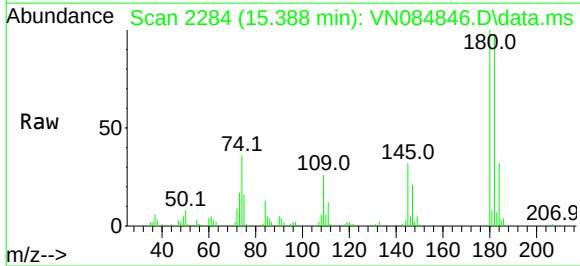
145 31.1 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#94

Hexachlorobutadiene

Concen: 19.954 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

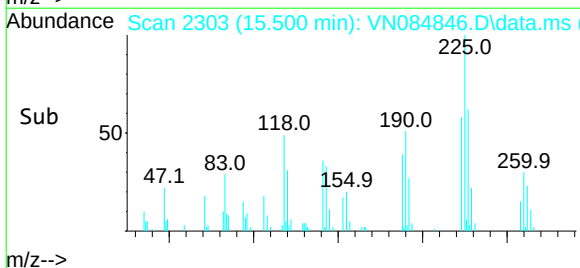
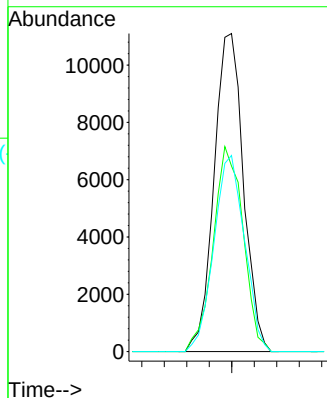
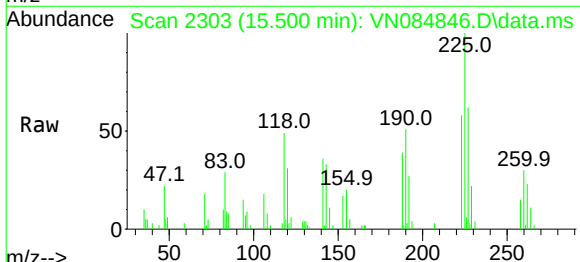
Tgt Ion:225 Resp: 20149

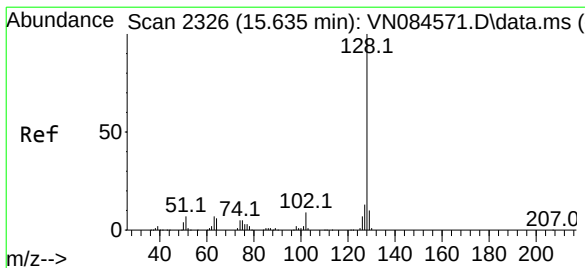
Ion Ratio Lower Upper

225 100

223 65.6 32.4 97.2

227 64.3 32.4 97.0





#95

Naphthalene

Concen: 18.108 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBS02

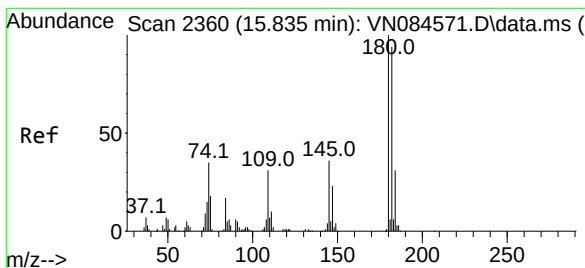
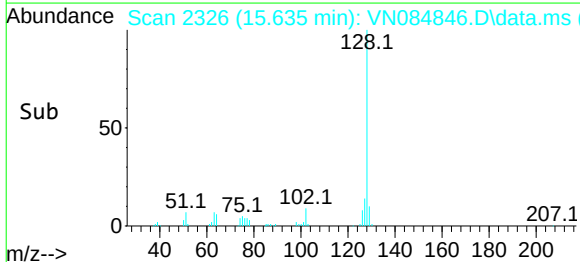
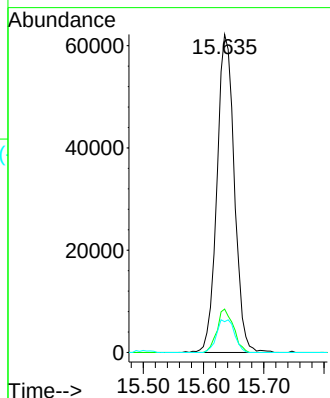
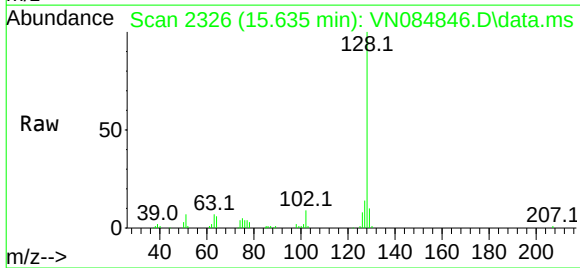
Tgt Ion:	128	Resp:	124633
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/15/2024

Supervised By :Mahesh Dadoda 11/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 18.641 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084846.D

Acq: 14 Nov 2024 12:50

Tgt Ion:	180	Resp:	41610
Ion Ratio	Lower	Upper	
180	100		
182	93.7	48.2	144.6
145	36.2	17.3	51.9

