

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084819.D
 Acq On : 13 Nov 2024 11:37
 Operator : JC\MD
 Sample : VN1113MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBS01

Quant Time: Nov 14 00:31:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	158313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	258903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	230076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	106966	46.780	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.560%
35) Dibromofluoromethane	8.159	113	86146	49.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.565	98	311047	48.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.847	95	122561	50.800	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35887	19.719	ug/l	97
3) Chloromethane	2.359	50	39354	16.753	ug/l	96
4) Vinyl Chloride	2.512	62	42709	21.819	ug/l	93
5) Bromomethane	2.901	94	21930	21.145	ug/l	99
6) Chloroethane	3.077	64	28158	22.471	ug/l	100
7) Trichlorofluoromethane	3.477	101	65503	20.314	ug/l	100
8) Diethyl Ether	3.959	74	20426	17.958	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	37198	20.416	ug/l	96
10) Methyl Iodide	4.583	142	49325	20.256	ug/l	96
11) Tert butyl alcohol	5.530	59	28297	93.754	ug/l	96
12) 1,1-Dichloroethene	4.324	96	34026	18.873	ug/l	97
13) Acrolein	4.177	56	25214	83.776	ug/l	95
14) Allyl chloride	5.012	41	53113	18.166	ug/l	92
15) Acrylonitrile	5.712	53	82322	94.216	ug/l	99
16) Acetone	4.424	43	66190	98.482	ug/l	98
17) Carbon Disulfide	4.700	76	97297	17.525	ug/l	99
18) Methyl Acetate	5.012	43	43340	15.183	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	109907	19.890	ug/l	98
20) Methylene Chloride	5.271	84	39155	19.470	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	35162	18.994	ug/l	98
22) Diisopropyl ether	6.665	45	109648	18.874	ug/l	97
23) Vinyl Acetate	6.594	43	378398	94.449	ug/l	96
24) 1,1-Dichloroethane	6.565	63	68554	19.655	ug/l	97
25) 2-Butanone	7.483	43	100910	94.595	ug/l	96
26) 2,2-Dichloropropane	7.488	77	59627	19.641	ug/l	100
27) cis-1,2-Dichloroethene	7.477	96	42069	19.462	ug/l	97
28) Bromochloromethane	7.812	49	30522	21.964	ug/l	91
29) Tetrahydrofuran	7.835	42	66910	94.545	ug/l	95
30) Chloroform	7.959	83	72538	20.433	ug/l	98
31) Cyclohexane	8.253	56	59853	18.960	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	66912	20.708	ug/l	95
36) 1,1-Dichloropropene	8.365	75	48136	19.805	ug/l	99
37) Ethyl Acetate	7.553	43	42784	19.402	ug/l	97
38) Carbon Tetrachloride	8.359	117	59383	21.859	ug/l	99
39) Methylcyclohexane	9.594	83	53114	21.481	ug/l	94
40) Benzene	8.600	78	157554	20.185	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	23352	19.693	ug/l	94
42) 1,2-Dichloroethane	8.665	62	53127	21.017	ug/l	99
43) Isopropyl Acetate	8.682	43	78051	18.552	ug/l	99
44) Trichloroethene	9.347	130	36924	20.512	ug/l	100
45) 1,2-Dichloropropane	9.618	63	36602	19.990	ug/l	92
46) Dibromomethane	9.706	93	25879	20.030	ug/l	96
47) Bromodichloromethane	9.882	83	57038	20.943	ug/l	95
48) Methyl methacrylate	9.677	41	33773	19.679	ug/l	97
49) 1,4-Dioxane	9.688	88	11785	387.512	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	217685	103.554	ug/l	98
52) Toluene	10.629	92	96759	21.196	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	54819	19.446	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	59087	19.803	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	36324	21.124	ug/l	94
56) Ethyl methacrylate	10.871	69	50883	20.457	ug/l	95
57) 1,3-Dichloropropane	11.159	76	58205	19.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.153	63	108180	92.948	ug/l	96
59) 2-Hexanone	11.194	43	158292	103.451	ug/l	97
60) Dibromochloromethane	11.359	129	41349	21.099	ug/l	96
61) 1,2-Dibromoethane	11.471	107	35220	20.001	ug/l	99
64) Tetrachloroethene	11.100	164	33145	21.658	ug/l	96
65) Chlorobenzene	11.888	112	101155	19.652	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	37943	21.193	ug/l	96
67) Ethyl Benzene	11.959	91	171593	19.972	ug/l	99
68) m/p-Xylenes	12.070	106	131057	40.291	ug/l	100
69) o-Xylene	12.394	106	65431	21.503	ug/l	100
70) Styrene	12.412	104	109202	20.573	ug/l	98
71) Bromoform	12.576	173	28573	21.209	ug/l #	100
73) Isopropylbenzene	12.694	105	163370	19.571	ug/l	100
74) N-amyl acetate	12.494	43	62749	17.661	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	51501	18.483	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	40958m	17.201	ug/l	
77) Bromobenzene	12.976	156	40131	17.883	ug/l	94
78) n-propylbenzene	13.029	91	182989	18.707	ug/l	98
79) 2-Chlorotoluene	13.123	91	119325	18.669	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	146513	21.176	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	16910	16.848	ug/l	96
82) 4-Chlorotoluene	13.217	91	119530	17.770	ug/l	100
83) tert-Butylbenzene	13.435	119	115105	20.102	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	145692	20.403	ug/l	97
85) sec-Butylbenzene	13.612	105	157813	19.511	ug/l	99
86) p-Isopropyltoluene	13.729	119	134215	20.233	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	76732	17.520	ug/l	100
88) 1,4-Dichlorobenzene	13.806	146	77232	18.518	ug/l	99
89) n-Butylbenzene	14.053	91	105746	17.042	ug/l	99
90) Hexachloroethane	14.329	117	25958	17.547	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	76679	18.220	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9078	16.082	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	34782	15.100	ug/l	97
94) Hexachlorobutadiene	15.494	225	17258	17.061	ug/l	99
95) Naphthalene	15.641	128	105563	15.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	34634	15.489	ug/l	96

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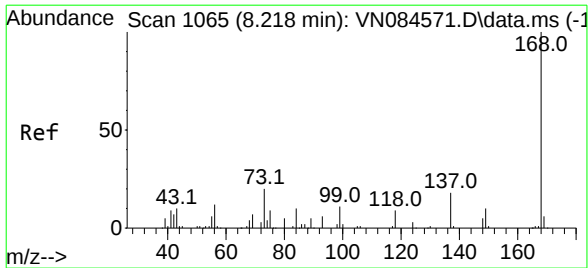
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/14/2024

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Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



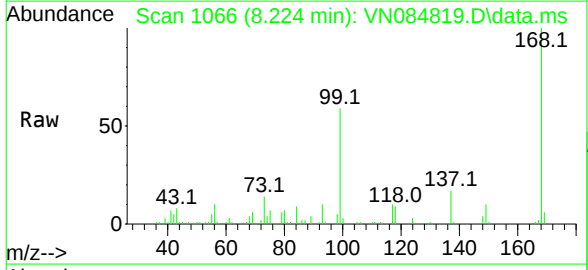
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 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

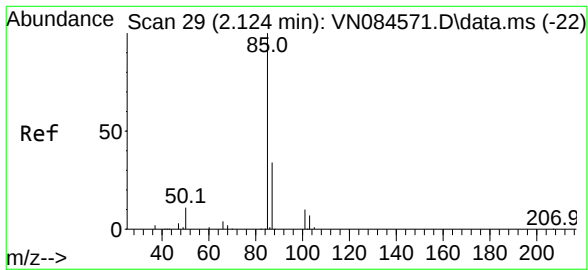
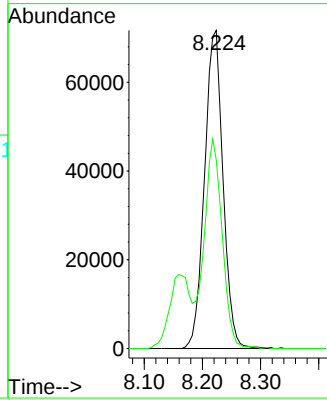
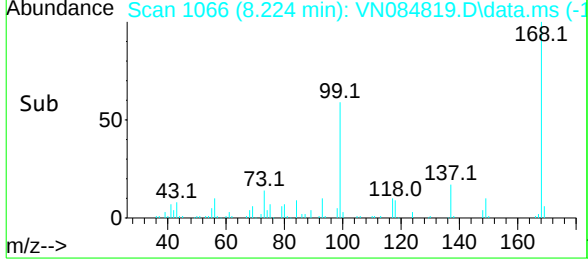


Tgt Ion:168 Resp: 158313
 Ion Ratio Lower Upper
 168 100
 99 59.4 54.2 81.2

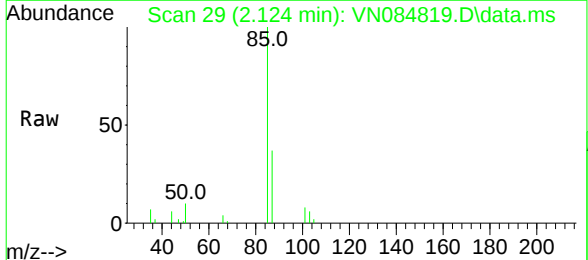
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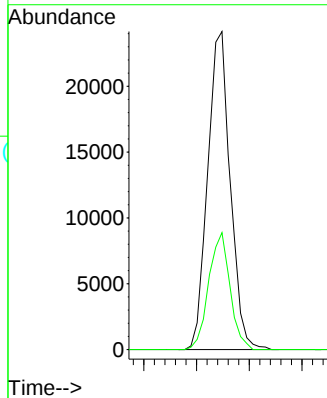
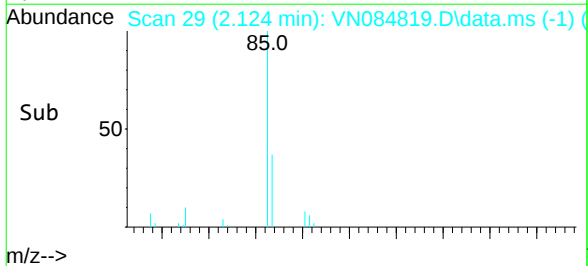
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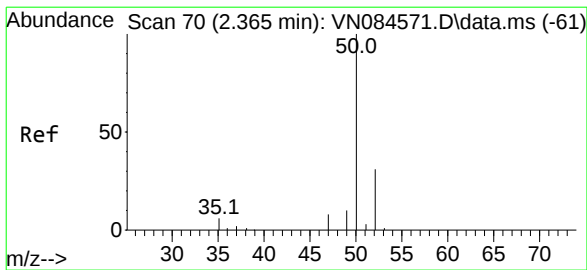


#2
 Dichlorodifluoromethane
 Concen: 19.719 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37



Tgt Ion: 85 Resp: 35887
 Ion Ratio Lower Upper
 85 100
 87 36.8 17.6 52.9





#3

Chloromethane

Concen: 16.753 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion: 50 Resp: 39354

Ion Ratio Lower Upper

50 100

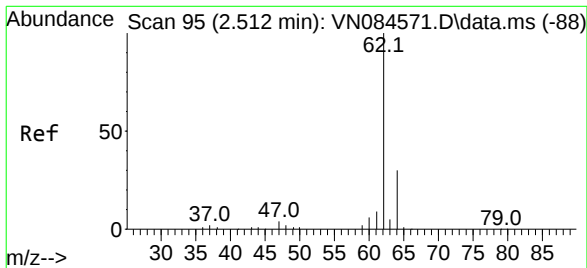
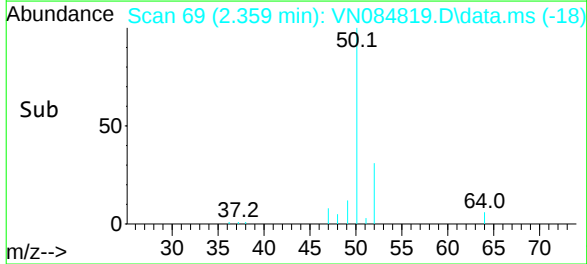
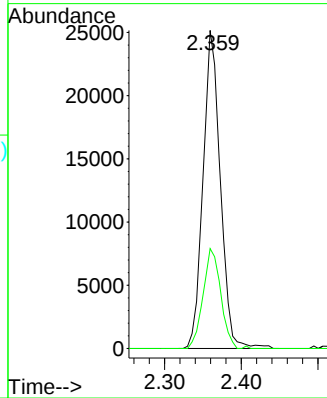
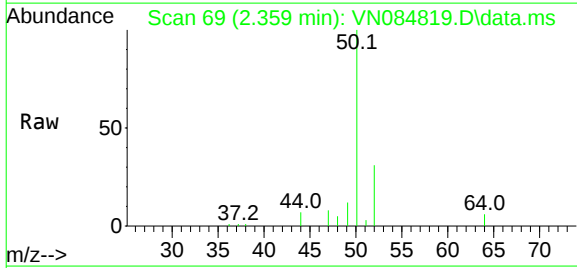
52 31.4 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.819 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN084819.D

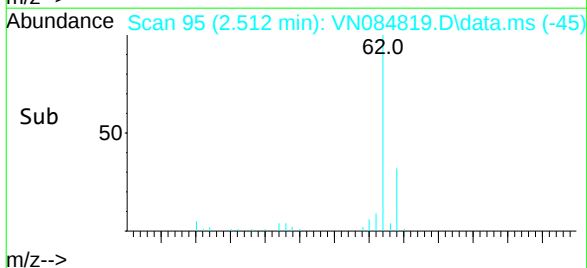
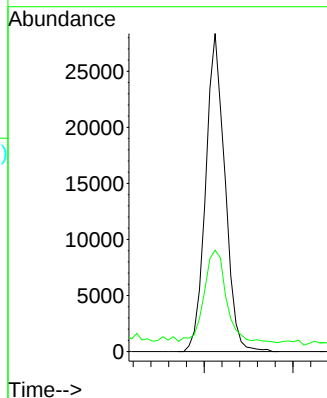
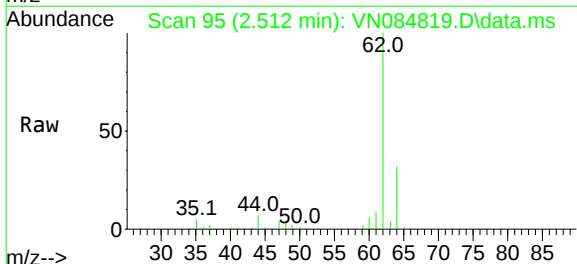
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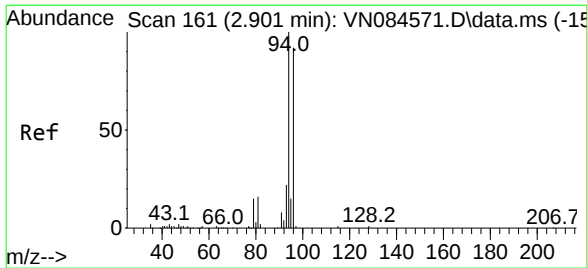
Tgt Ion: 62 Resp: 42709

Ion Ratio Lower Upper

62 100

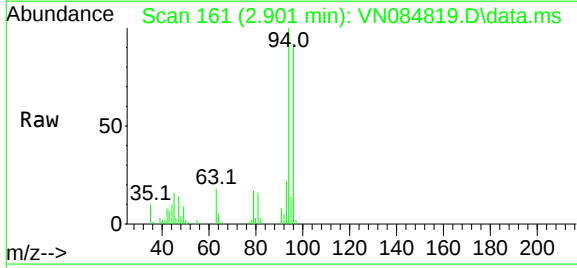
64 29.1 26.2 39.4





#5
Bromomethane
Concen: 21.145 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

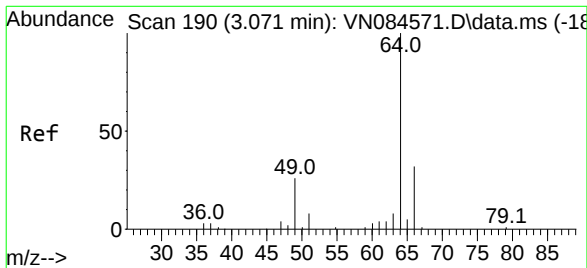
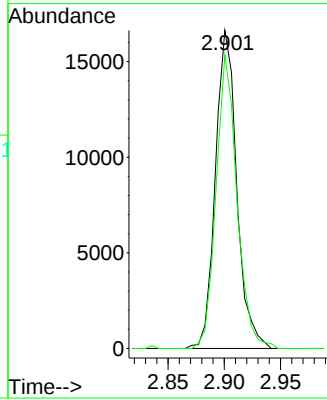
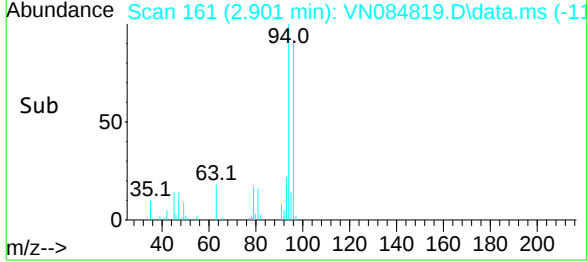
Instrument :
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Tgt Ion: 94 Resp: 21930
Ion Ratio Lower Upper
94 100
96 92.2 72.9 109.3

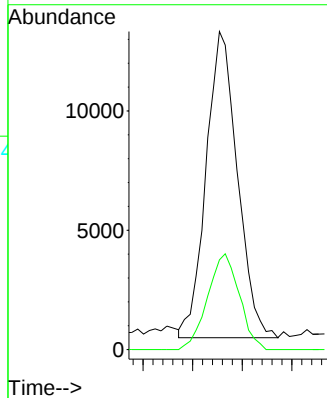
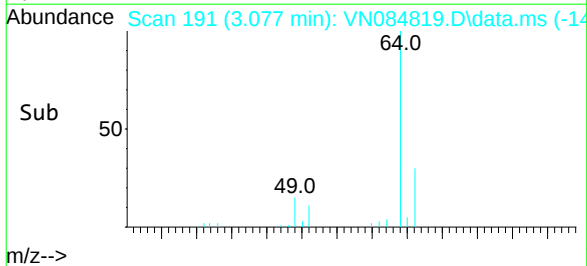
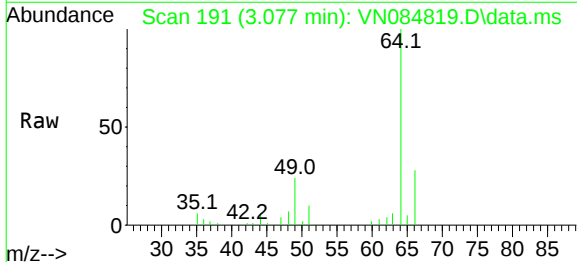
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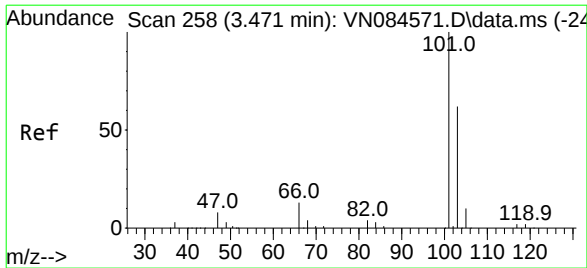
Reviewed By :John Carlone 11/14/2024
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#6
Chloroethane
Concen: 22.471 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084819.D
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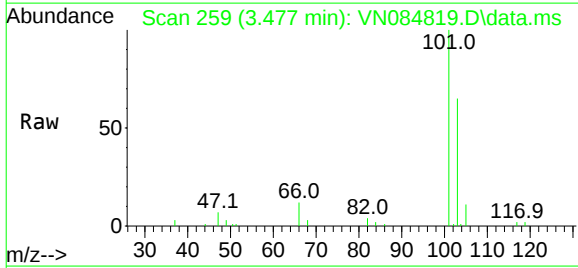
Tgt Ion: 64 Resp: 28158
Ion Ratio Lower Upper
64 100
66 29.3 23.5 35.3





#7
 Trichlorofluoromethane
 Concen: 20.314 ug/l
 RT: 3.477 min Scan# 258
 Delta R.T. -0.018 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

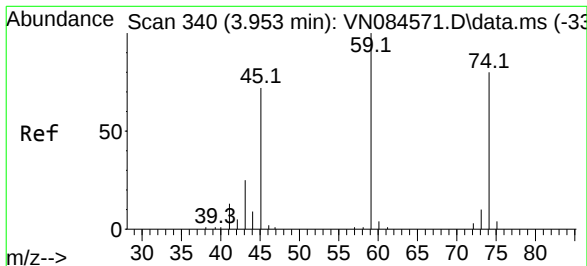
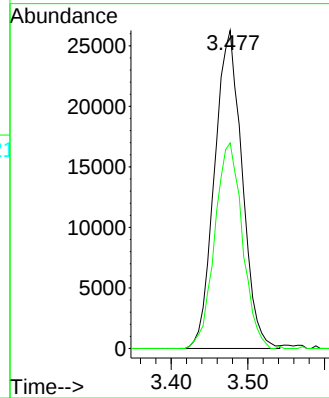
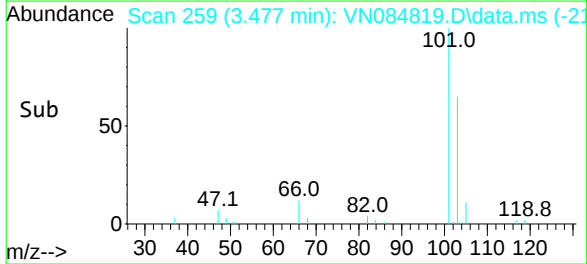
Instrument :
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 ClientSampleId :
 VN1113MBS01



Tgt Ion: 101 Resp: 65503
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.8 77.6

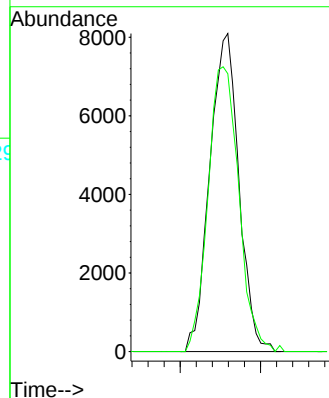
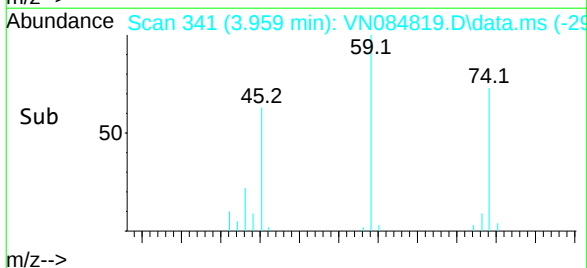
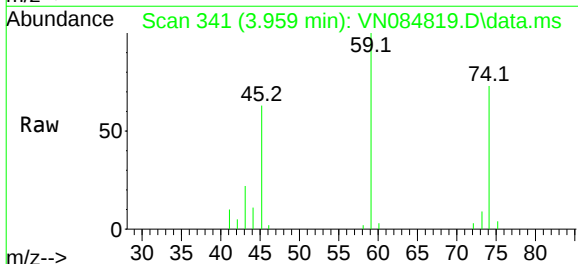
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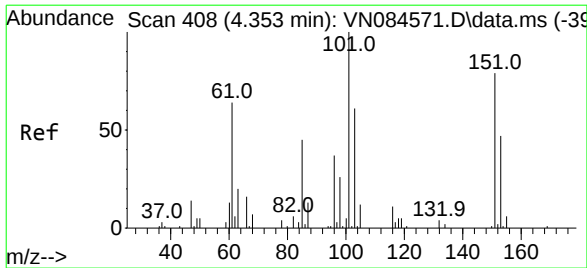
Reviewed By : John Carlone 11/14/2024
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#8
 Diethyl Ether
 Concen: 17.958 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN084819.D
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Tgt Ion: 74 Resp: 20426
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.7 143.1





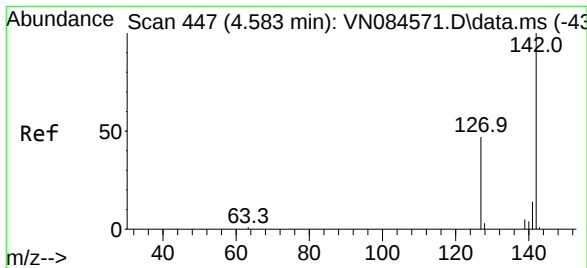
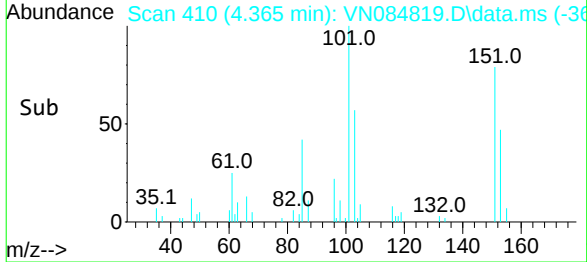
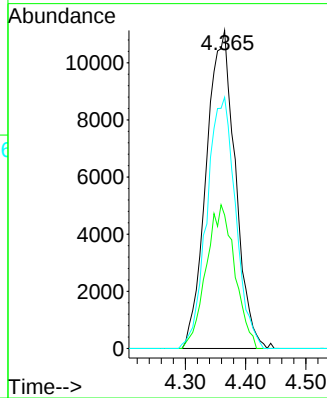
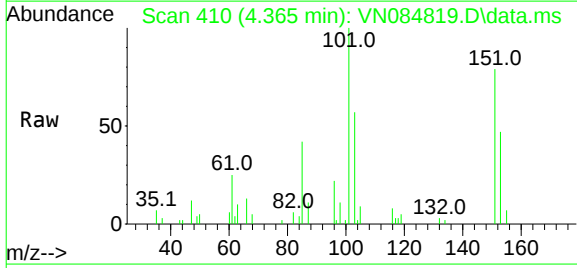
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.416 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:	101	Resp:	37198
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.2	54.4
151	78.4	59.3	88.9

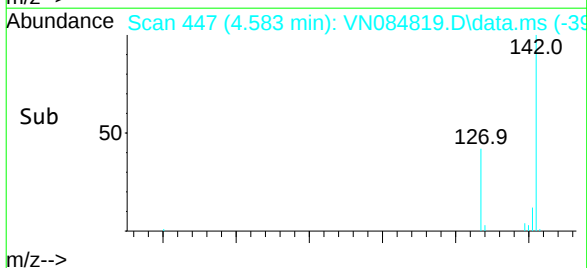
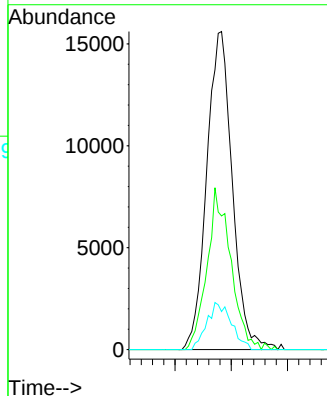
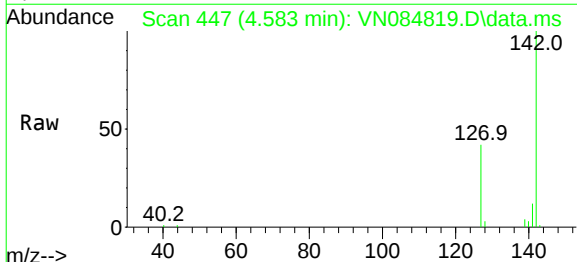
Manual Integrations
APPROVED

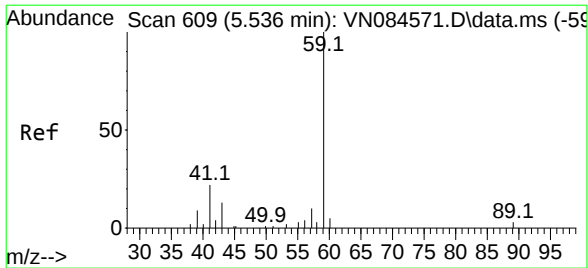
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#10
Methyl Iodide
Concen: 20.256 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	142	Resp:	49325
Ion Ratio	Lower	Upper	
142	100		
127	42.0	35.3	52.9
141	12.0	11.0	16.6





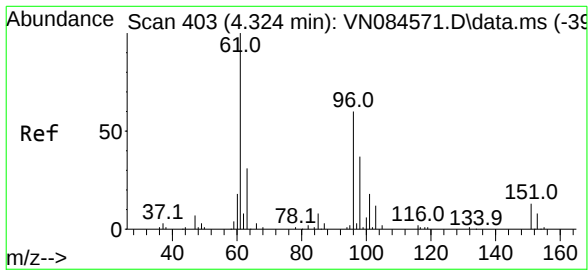
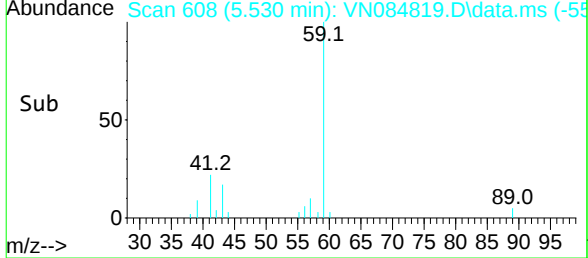
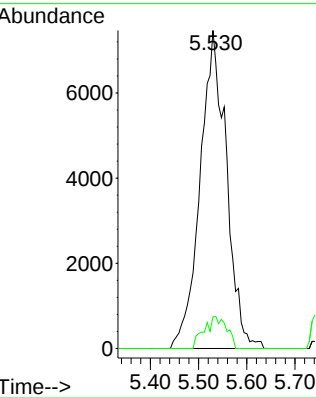
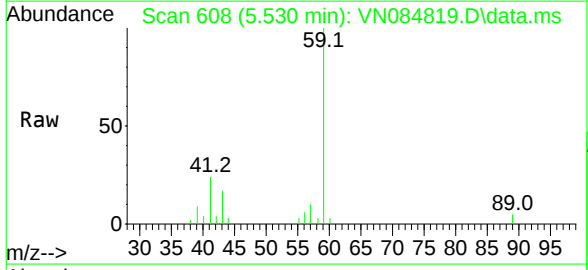
#11
Tert butyl alcohol
Concen: 93.754 ug/l
RT: 5.530 min Scan# 609
Delta R.T. 0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	8.6	8.2	12.2

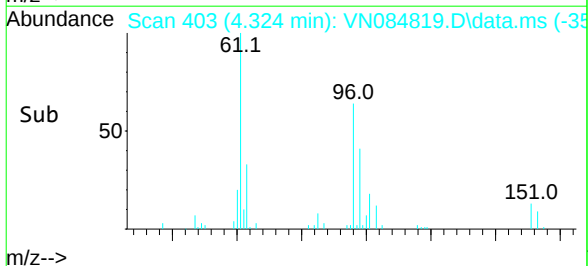
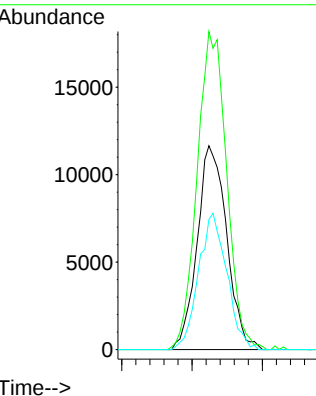
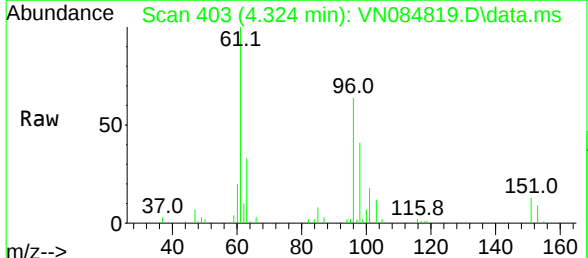
Manual Integrations
APPROVED

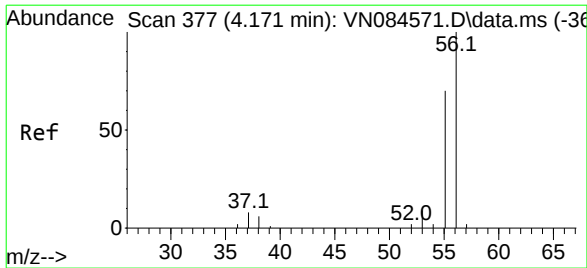
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#12
1,1-Dichloroethene
Concen: 18.873 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.1	128.6	192.8
98	63.9	51.7	77.5





#13

Acrolein

Concen: 83.776 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion: 56 Resp: 25214

Ion Ratio Lower Upper

56 100

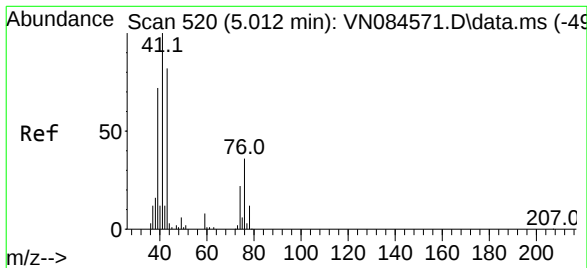
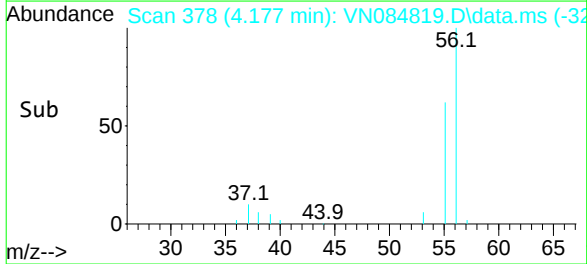
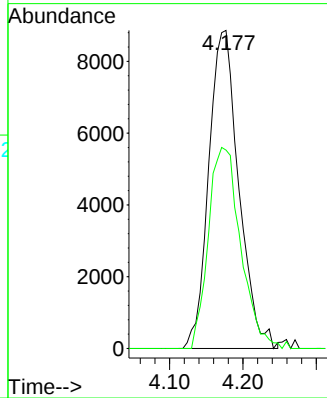
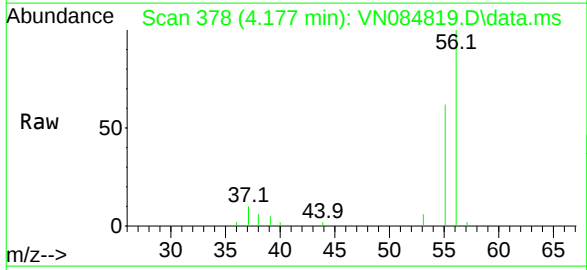
55 67.7 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#14

Allyl chloride

Concen: 18.166 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

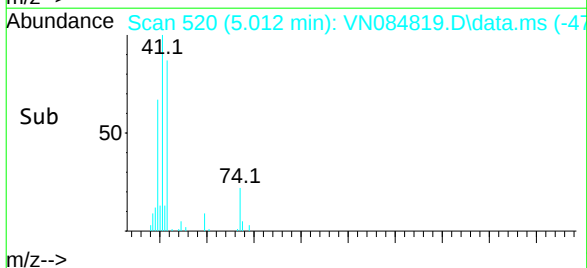
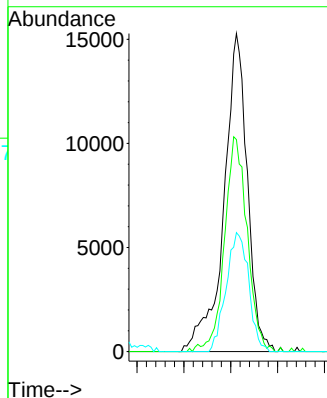
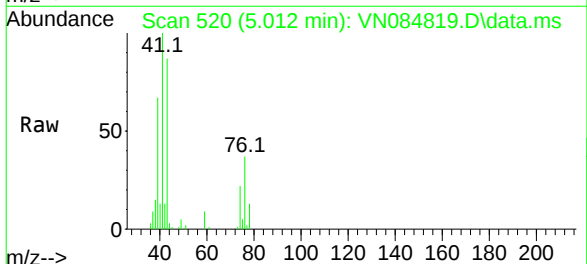
Tgt Ion: 41 Resp: 53113

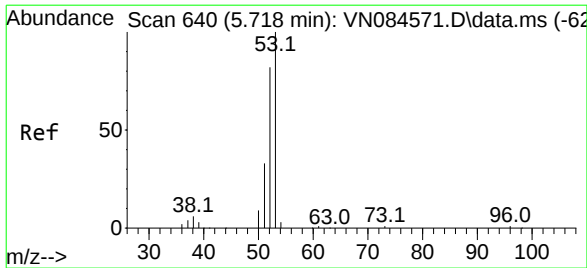
Ion Ratio Lower Upper

41 100

39 65.1 59.0 88.6

76 35.9 29.8 44.6





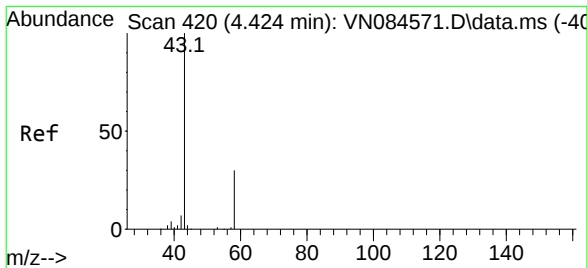
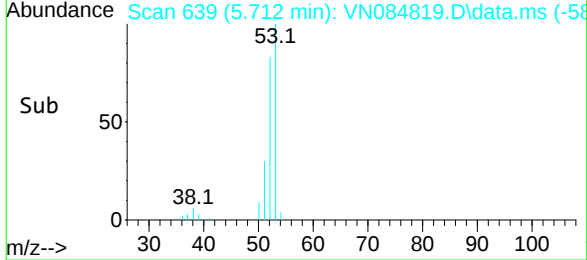
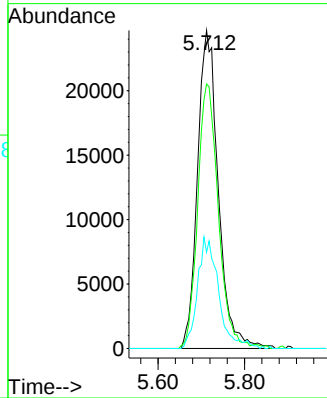
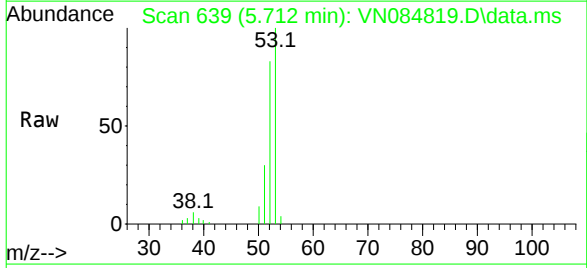
#15
Acrylonitrile
Concen: 94.216 ug/l
RT: 5.712 min Scan# 63
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 53 Resp: 82322
Ion Ratio Lower Upper
53 100
52 82.4 66.2 99.4
51 35.5 28.8 43.2

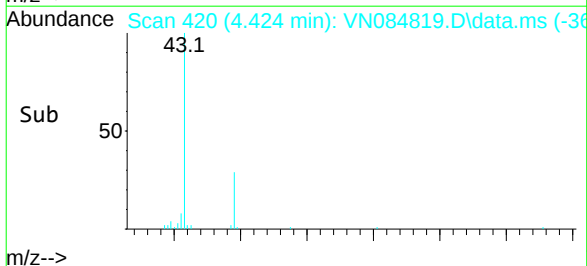
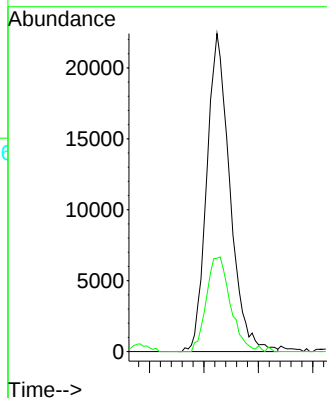
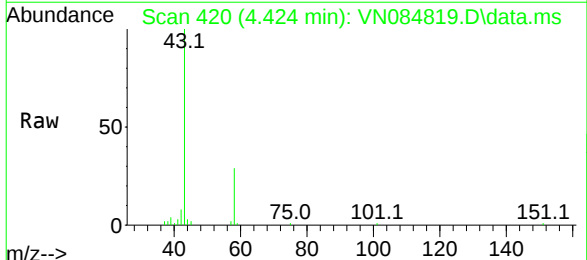
Manual Integrations
APPROVED

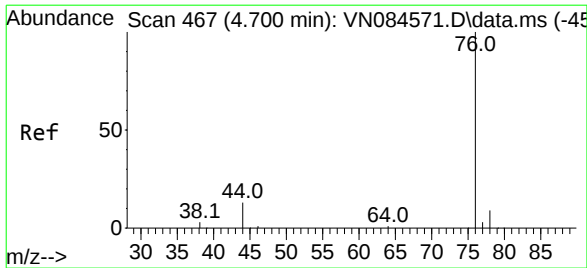
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#16
Acetone
Concen: 98.482 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

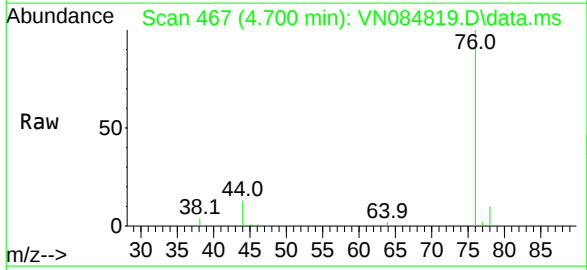
Tgt Ion: 43 Resp: 66190
Ion Ratio Lower Upper
43 100
58 29.3 24.4 36.6





#17
Carbon Disulfide
Concen: 17.525 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

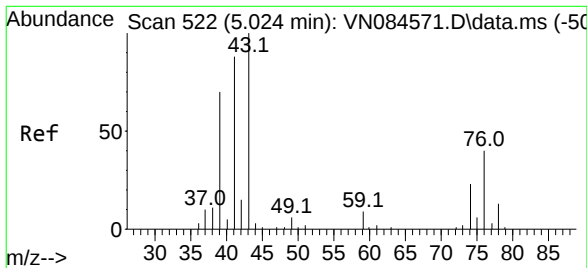
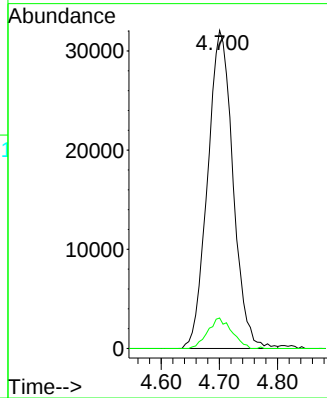
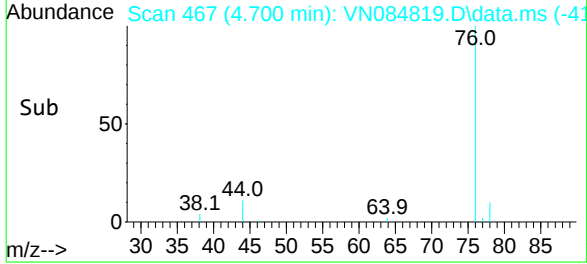
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



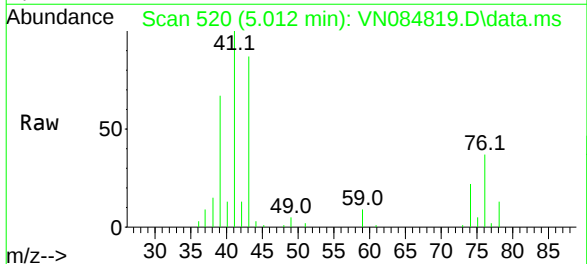
Tgt Ion: 76 Resp: 97297
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

Manual Integrations
APPROVED

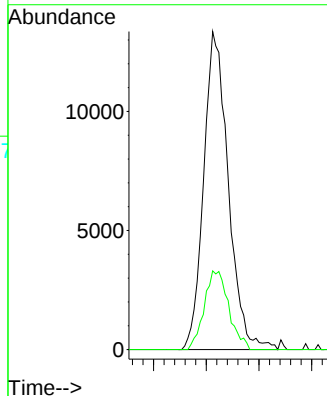
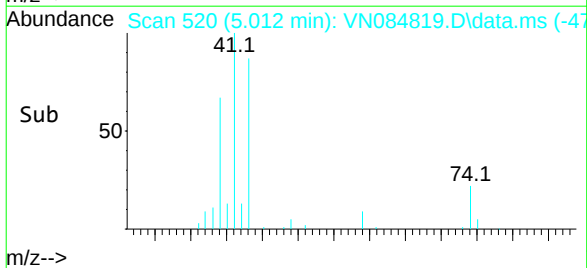
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

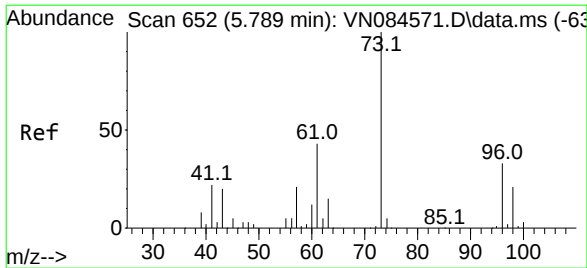


#18
Methyl Acetate
Concen: 15.183 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37



Tgt Ion: 43 Resp: 43340
Ion Ratio Lower Upper
43 100
74 24.6 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 19.890 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion: 73 Resp: 109907

Ion Ratio Lower Upper

73 100

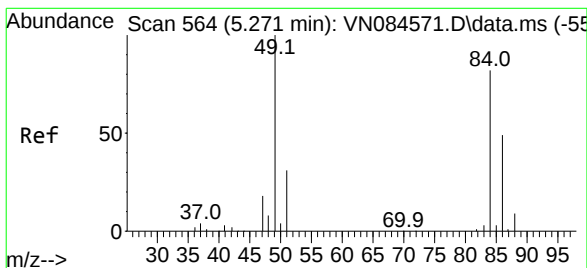
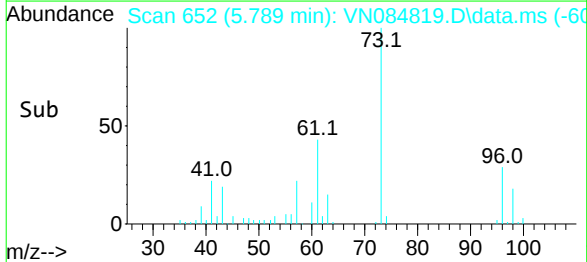
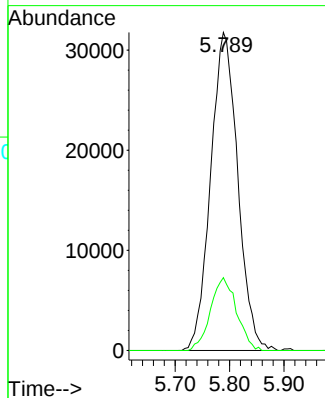
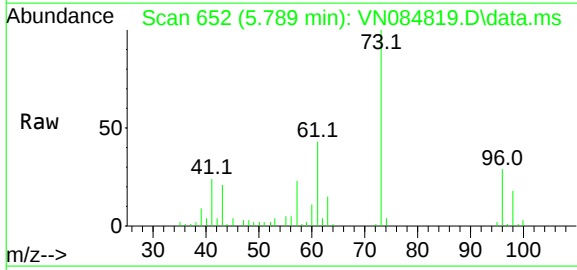
57 22.9 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#20

Methylene Chloride

Concen: 19.470 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Tgt Ion: 84 Resp: 39155

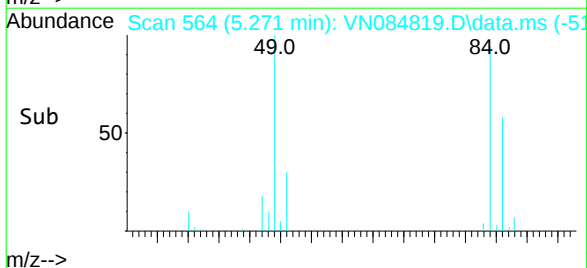
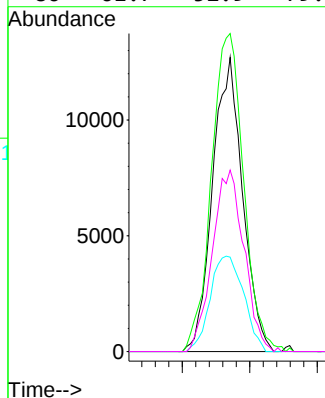
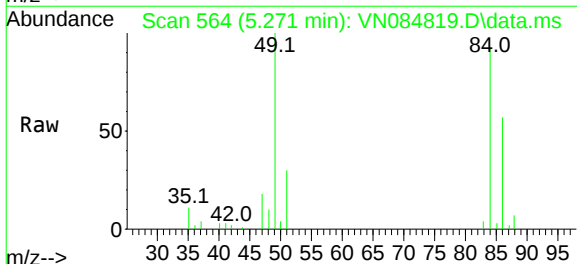
Ion Ratio Lower Upper

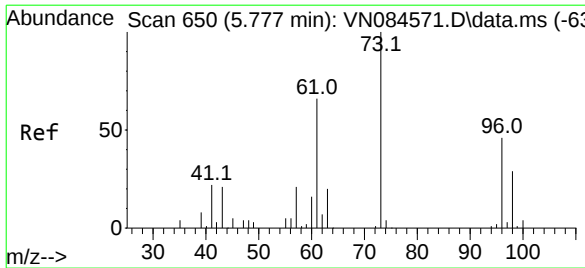
84 100

49 108.1 107.2 160.8

51 32.1 31.8 47.8

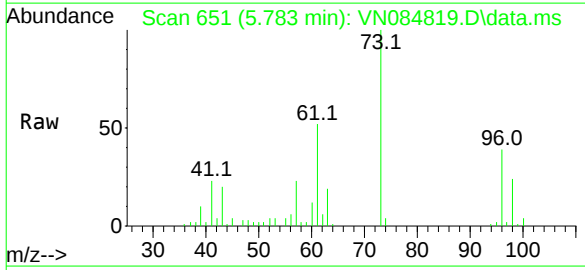
86 61.7 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.994 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

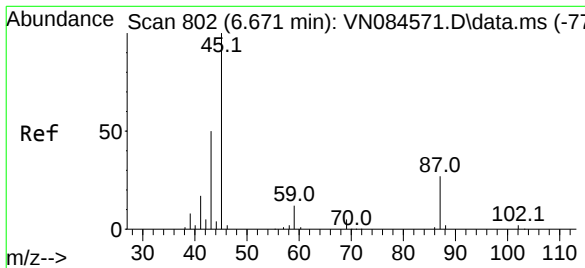
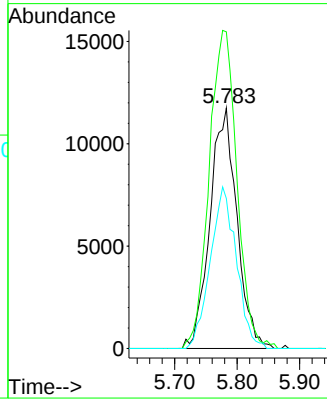
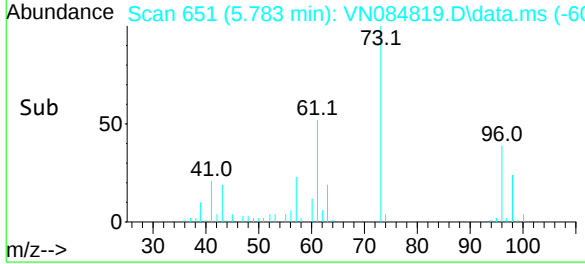
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



Tgt Ion: 96 Resp: 35162
Ion Ratio Lower Upper
96 100
61 131.7 108.4 162.6
98 62.4 49.8 74.8

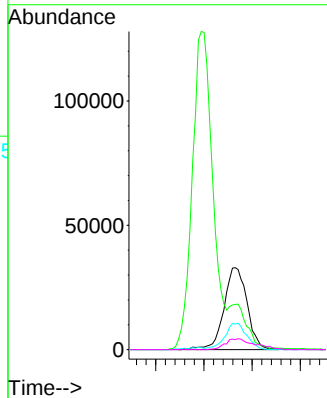
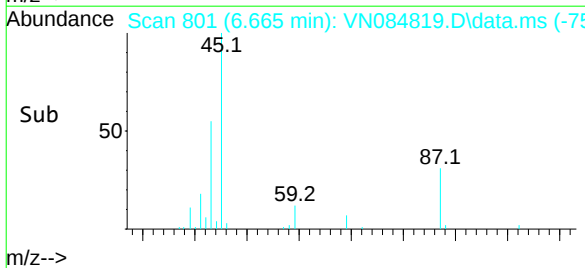
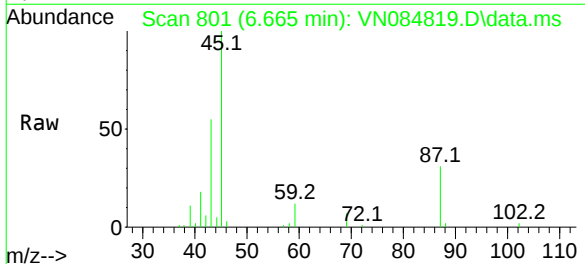
Manual Integrations
APPROVED

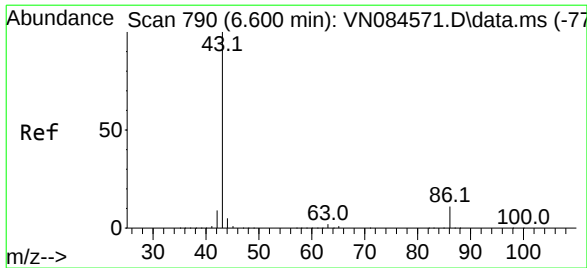
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#22
Diisopropyl ether
Concen: 18.874 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 45 Resp: 109648
Ion Ratio Lower Upper
45 100
43 53.6 42.3 63.5
87 31.2 21.8 32.6
59 12.2 9.6 14.4





#23

Vinyl Acetate

Concen: 94.449 ug/l

RT: 6.594 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion: 43 Resp: 378398

Ion Ratio Lower Upper

43 100

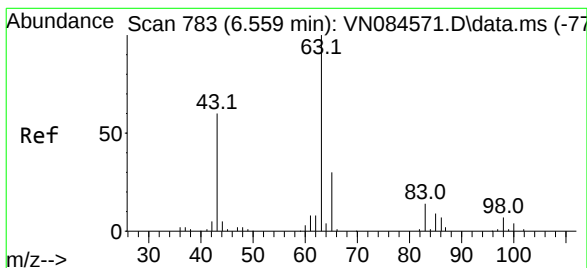
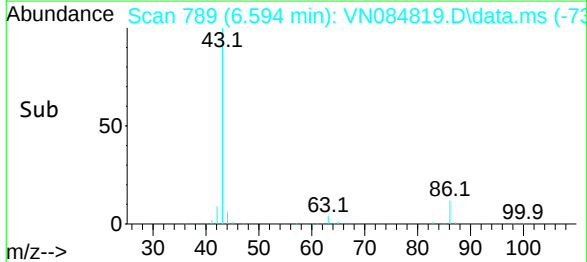
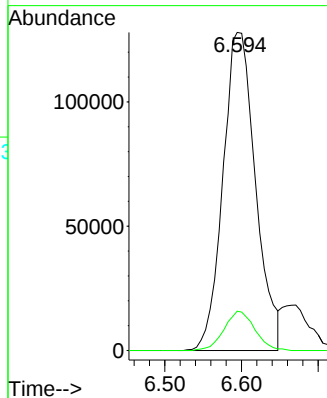
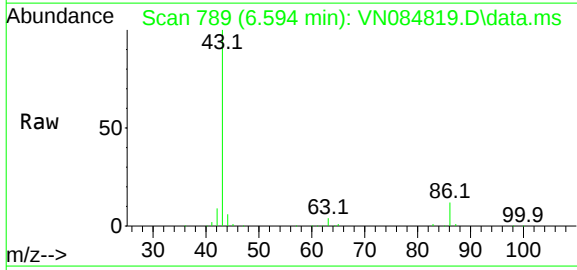
86 12.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#24

1,1-Dichloroethane

Concen: 19.655 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

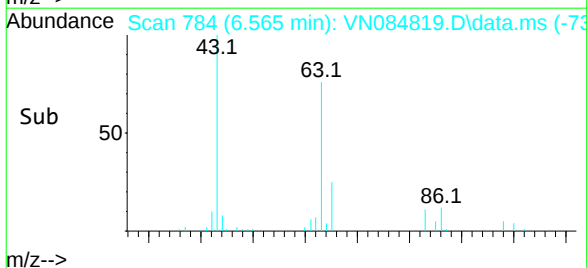
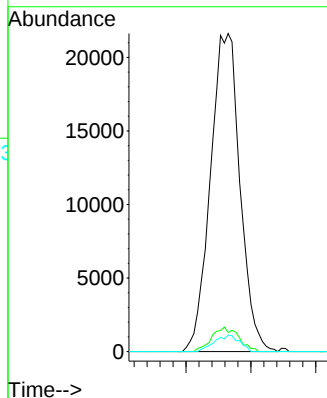
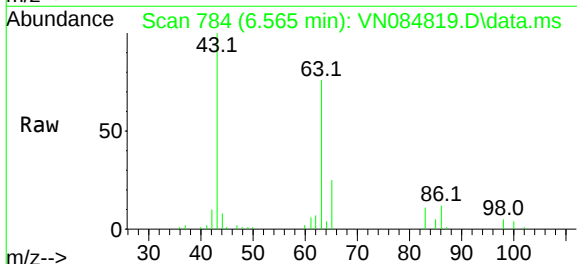
Tgt Ion: 63 Resp: 68554

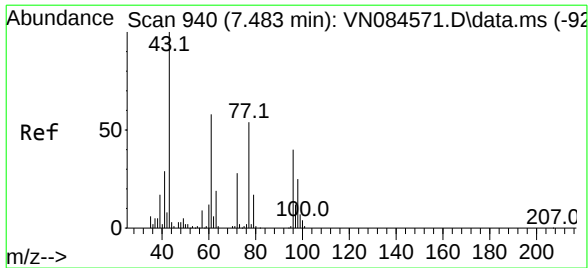
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 5.2 2.0 5.8





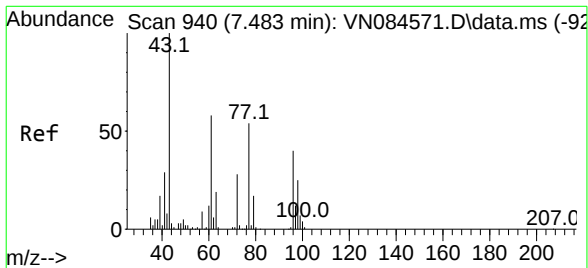
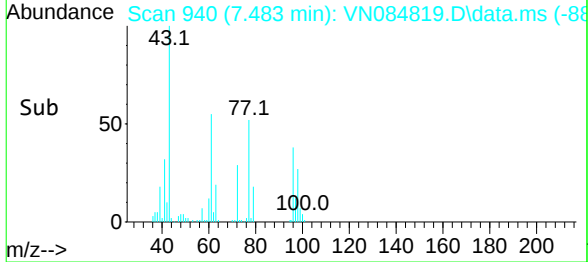
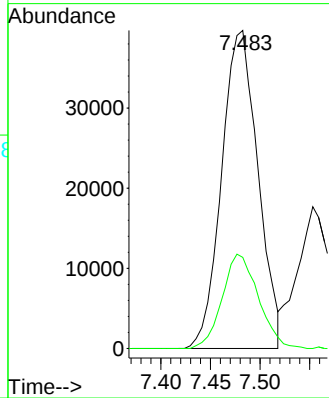
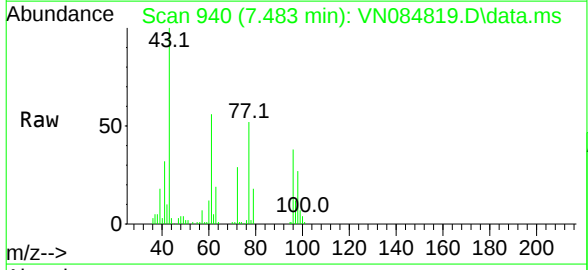
#25
2-Butanone
Concen: 94.595 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 43 Resp: 100910
Ion Ratio Lower Upper
43 100
72 28.7 21.4 32.2

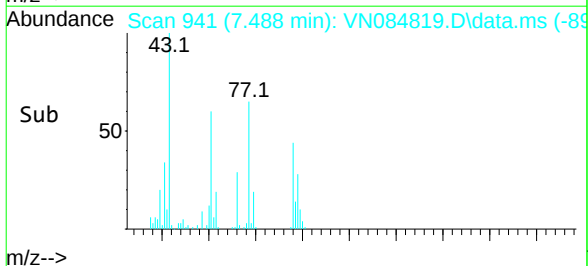
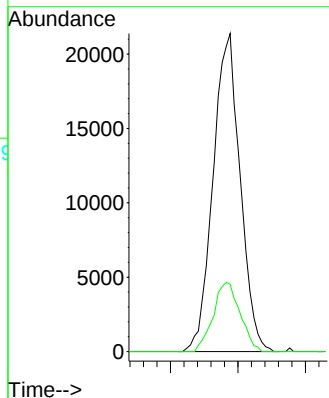
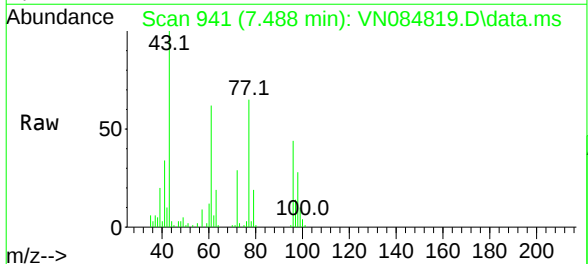
Manual Integrations
APPROVED

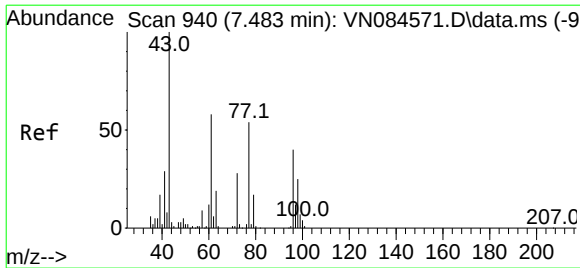
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#26
2,2-Dichloropropane
Concen: 19.641 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 77 Resp: 59627
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3





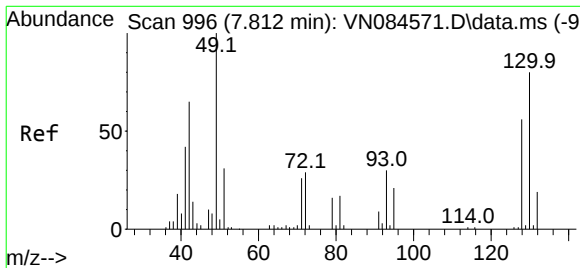
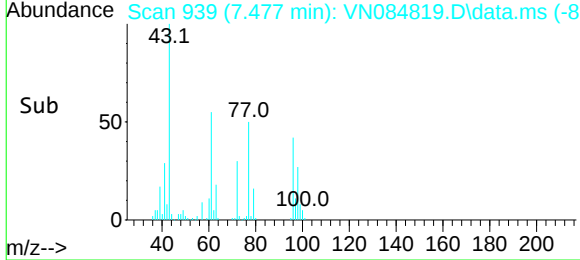
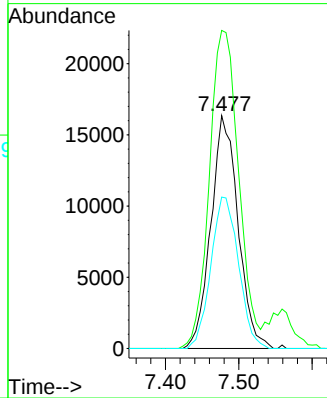
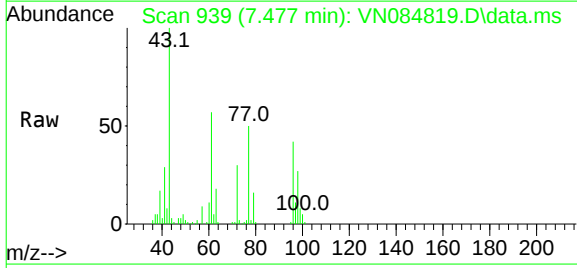
#27
cis-1,2-Dichloroethene
Concen: 19.462 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.012 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 96 Resp: 42069
Ion Ratio Lower Upper
96 100
61 147.3 0.0 301.8
98 66.3 0.0 128.2

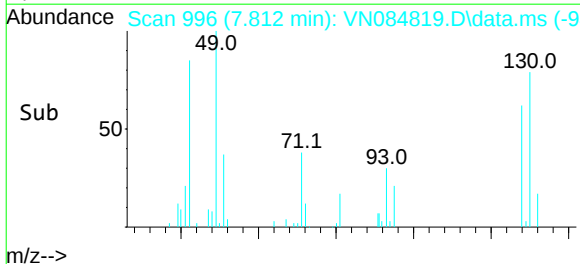
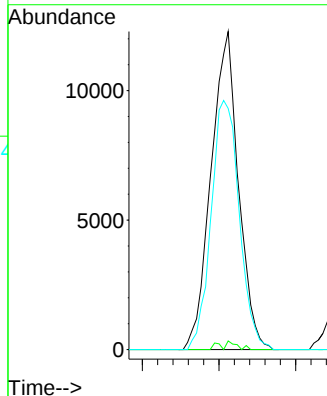
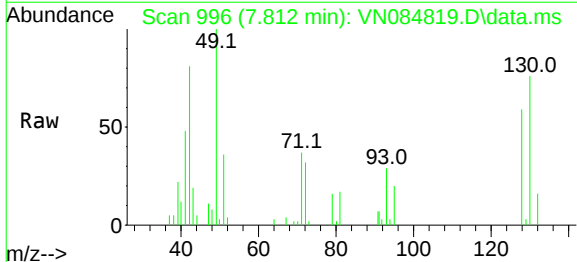
Manual Integrations
APPROVED

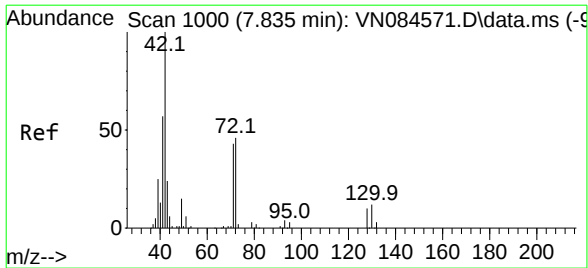
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#28
Bromochloromethane
Concen: 21.964 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 49 Resp: 30522
Ion Ratio Lower Upper
49 100
129 1.0 0.0 3.6
130 80.3 58.0 87.0





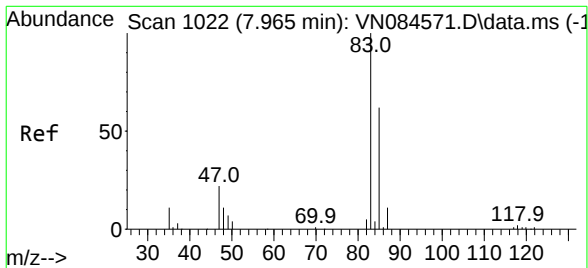
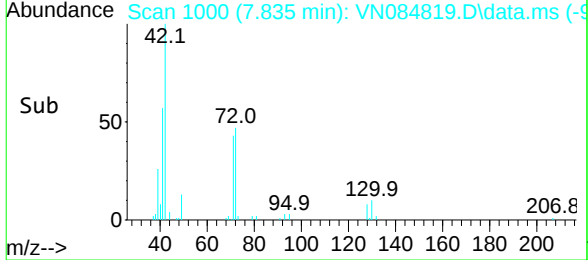
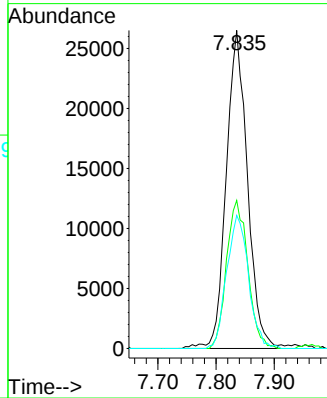
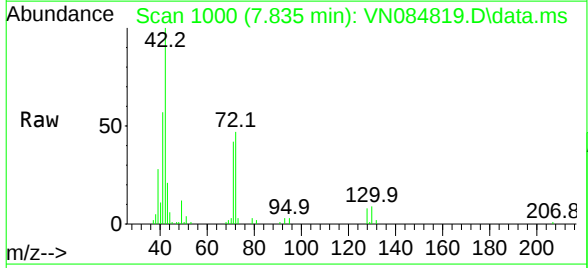
#29
Tetrahydrofuran
Concen: 94.545 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 42 Resp: 66910
Ion Ratio Lower Upper
42 100
72 46.9 34.6 51.8
71 43.3 32.2 48.4

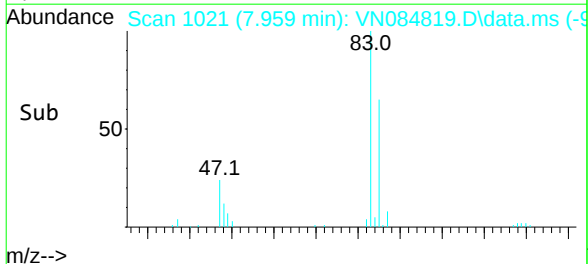
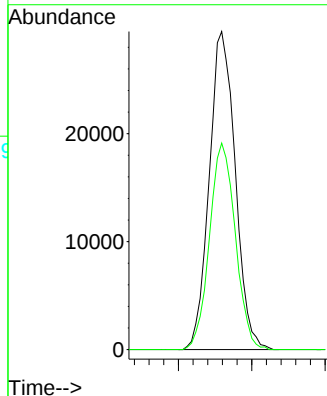
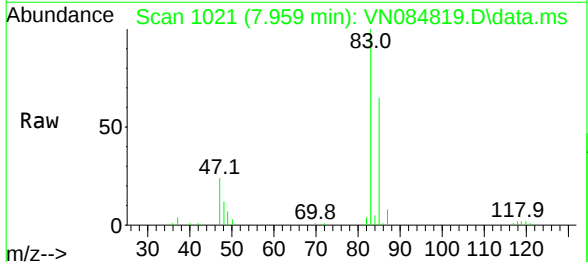
Manual Integrations
APPROVED

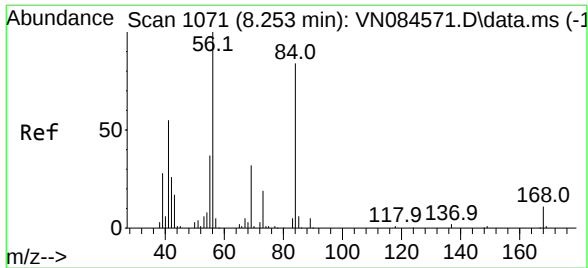
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#30
Chloroform
Concen: 20.433 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 83 Resp: 72538
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.4





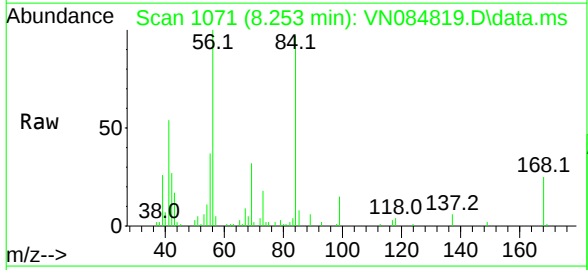
#31
Cyclohexane
Concen: 18.960 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

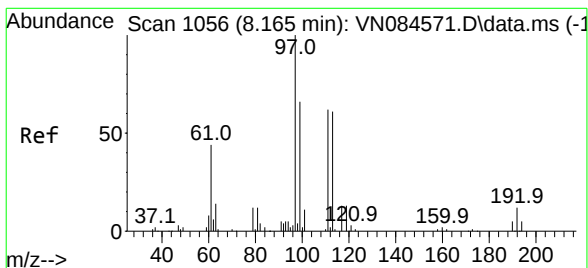
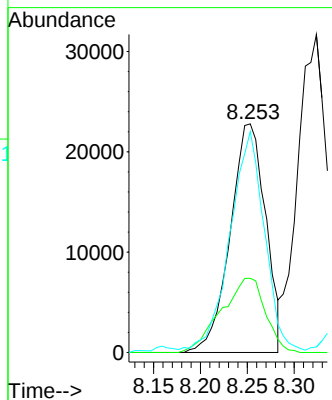
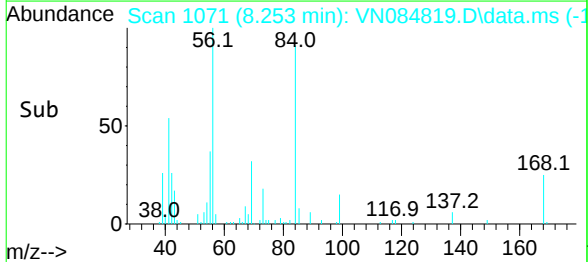
VN1113MBS01



Tgt Ion:	56	Resp:	59853
Ion	Ratio	Lower	Upper
56	100		
69	32.4	23.8	35.6
84	95.3	68.8	103.2

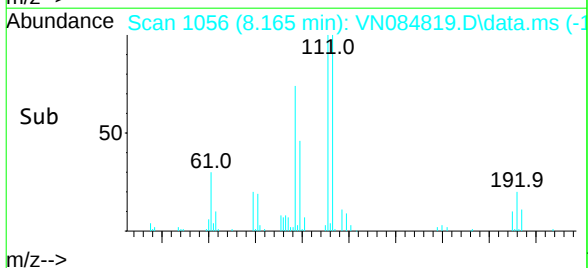
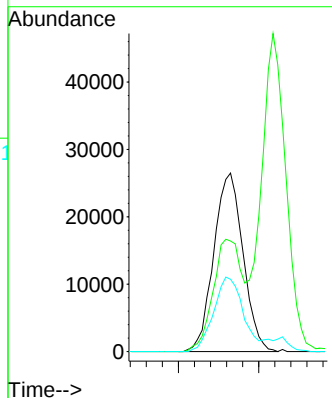
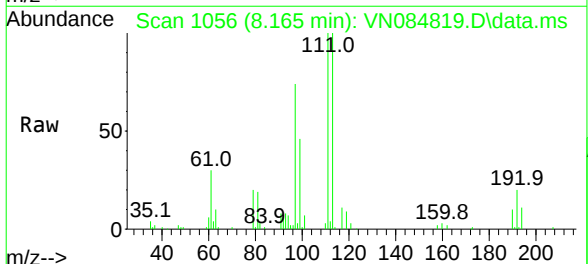
Manual Integrations
APPROVED

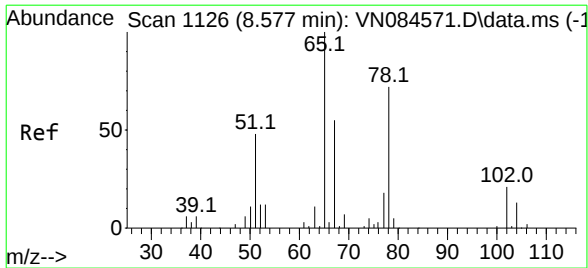
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#32
1,1,1-Trichloroethane
Concen: 20.708 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	97	Resp:	66912
Ion	Ratio	Lower	Upper
97	100		
99	61.1	51.2	76.8
61	42.6	37.5	56.3





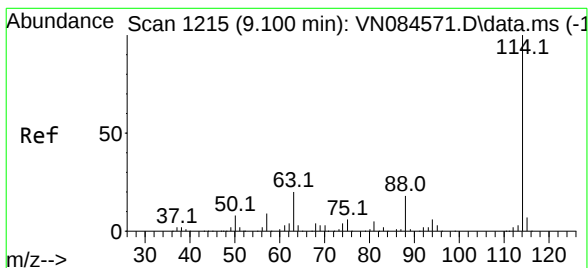
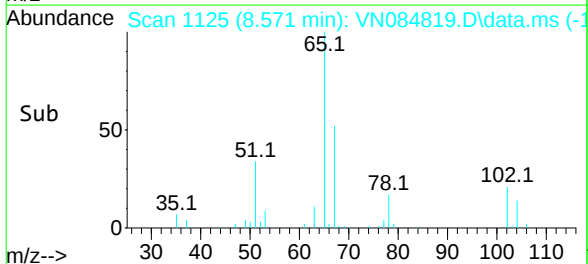
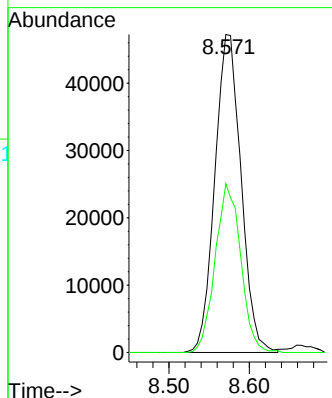
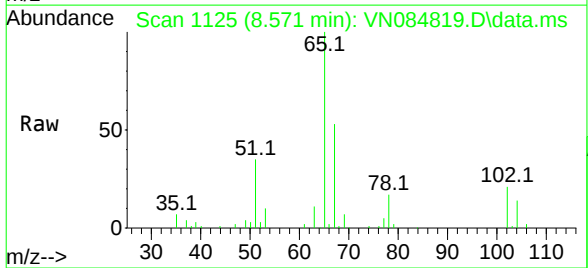
#33
 1,2-Dichloroethane-d4
 Concen: 46.780 ug/l
 RT: 8.571 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBS01

Tgt Ion:	65	Resp:	106966
Ion Ratio	Lower	Upper	
65	100		
67	51.6	0.0	102.0

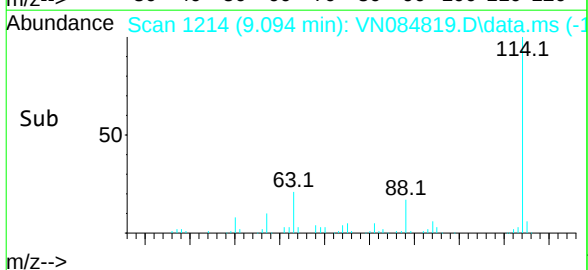
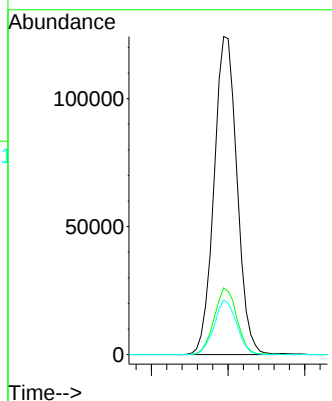
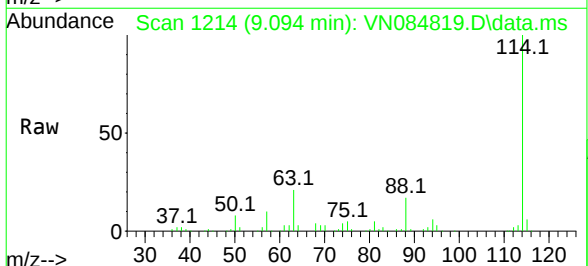
Manual Integrations
 APPROVED

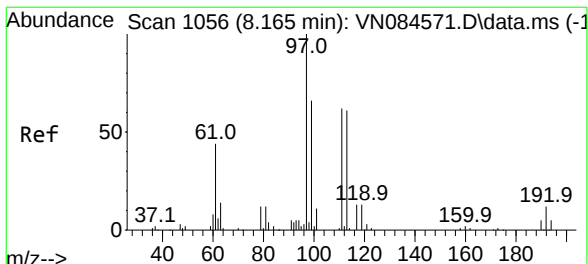
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

Tgt Ion:	114	Resp:	258903
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	43.8
88	17.1	0.0	31.6





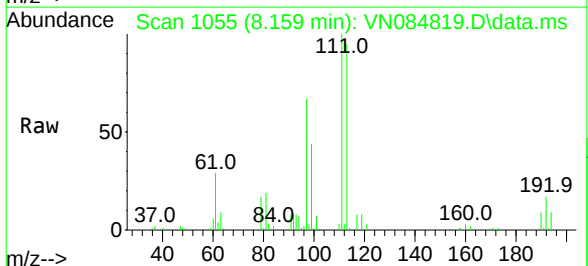
#35
 Dibromofluoromethane
 Concen: 49.157 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

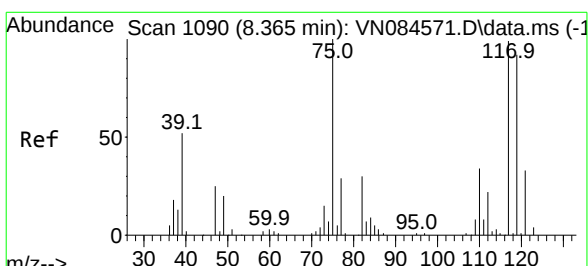
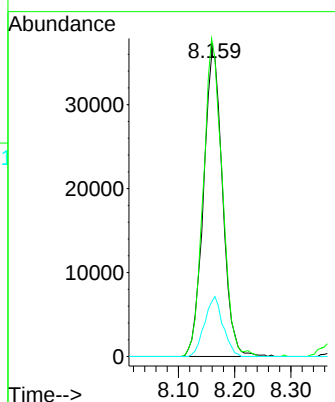
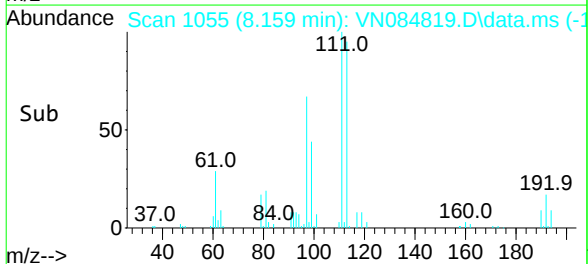
VN1113MBS01



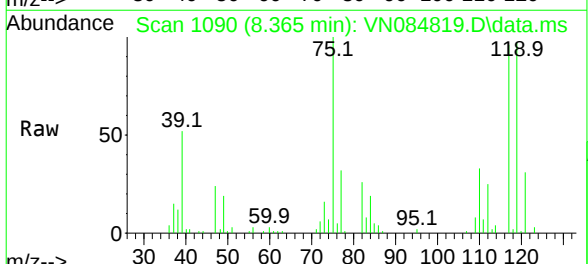
Tgt Ion:	113	Resp:	86146
Ion	Ratio	Lower	Upper
113	100		
111	102.7	83.3	124.9
192	18.8	13.5	20.3

Manual Integrations
 APPROVED

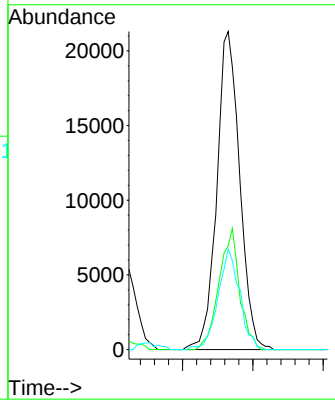
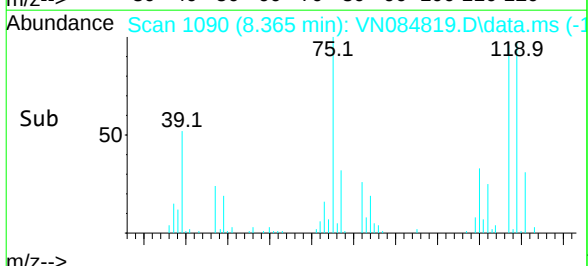
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024

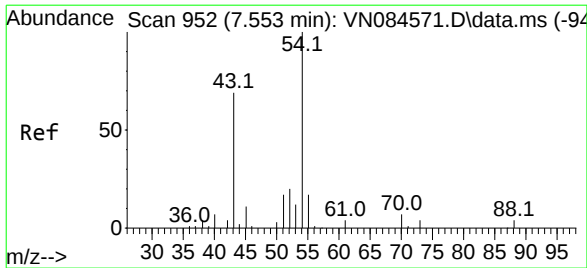


#36
 1,1-Dichloropropene
 Concen: 19.805 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37



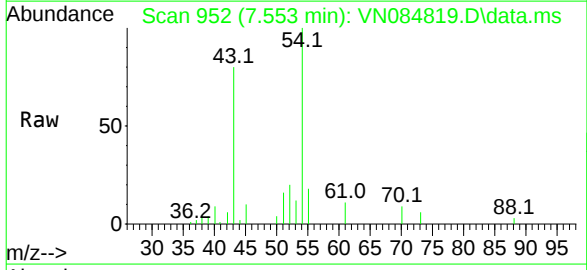
Tgt Ion:	75	Resp:	48136
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.9	50.7
77	29.9	24.7	37.1





#37
Ethyl Acetate
Concen: 19.402 ug/l
RT: 7.553 min Scan# 952
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

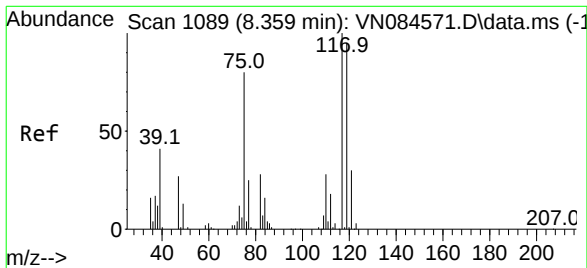
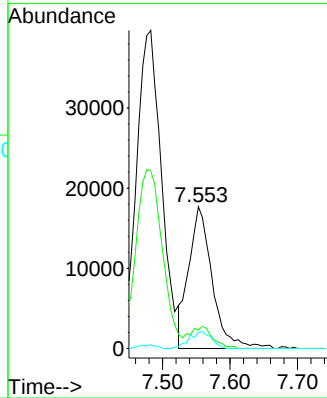
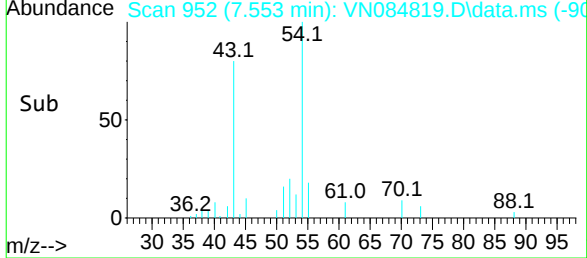
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



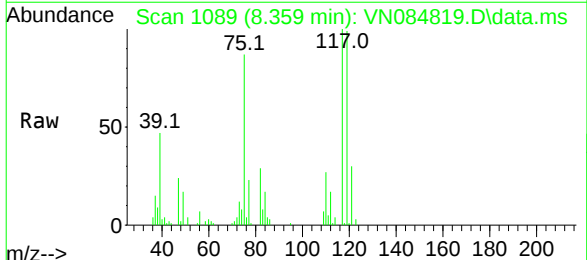
Tgt Ion: 43 Resp: 42784
Ion Ratio Lower Upper
43 100
61 15.3 10.7 16.1
70 11.2 8.8 13.2

Manual Integrations
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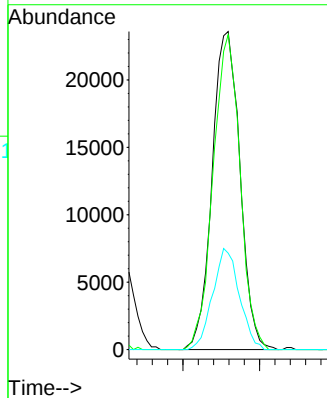
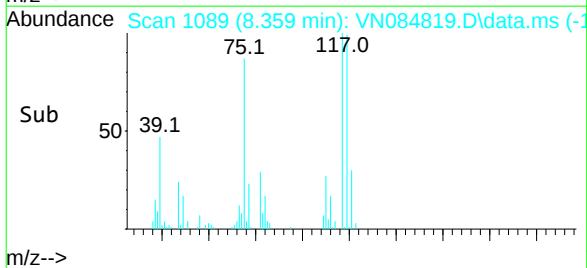
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

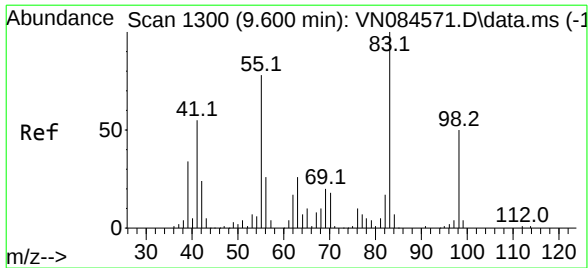


#38
Carbon Tetrachloride
Concen: 21.859 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37



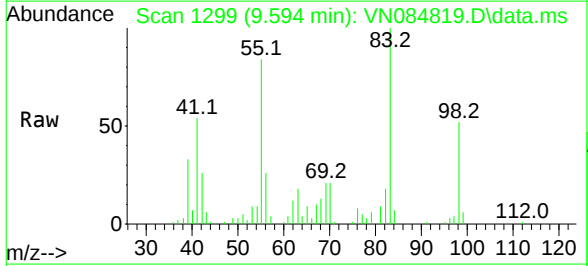
Tgt Ion:117 Resp: 59383
Ion Ratio Lower Upper
117 100
119 99.0 78.7 118.1
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 21.481 ug/l
RT: 9.594 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

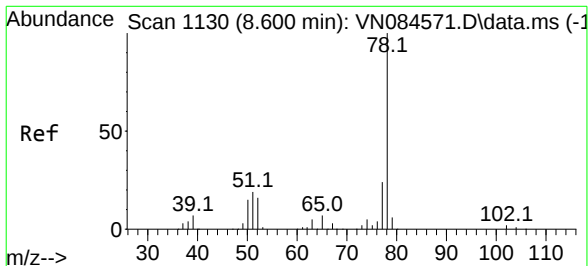
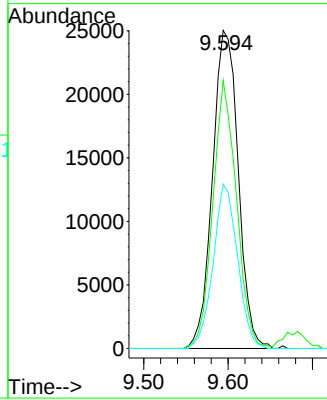
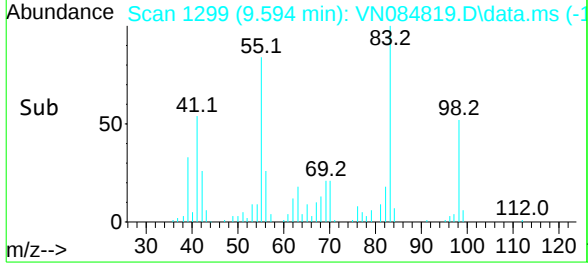
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



Tgt Ion: 83 Resp: 53114
Ion Ratio Lower Upper
83 100
55 84.2 62.8 94.2
98 51.7 38.8 58.2

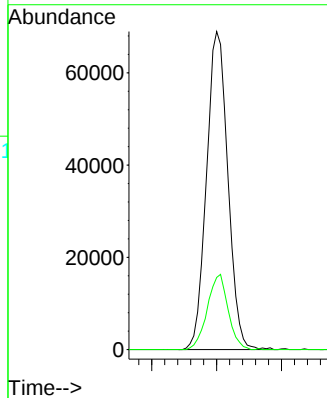
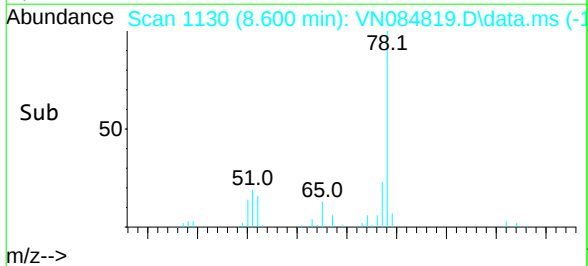
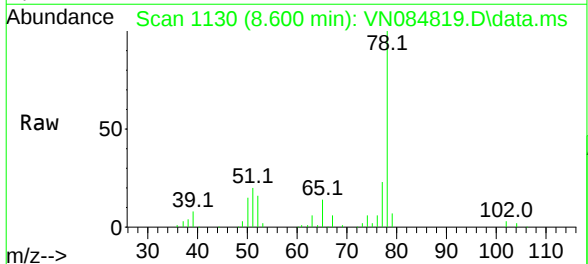
Manual Integrations
APPROVED

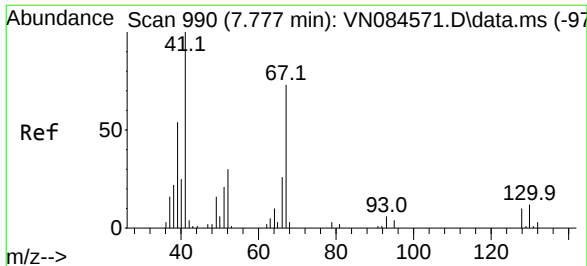
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#40
Benzene
Concen: 20.185 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 78 Resp: 157554
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7





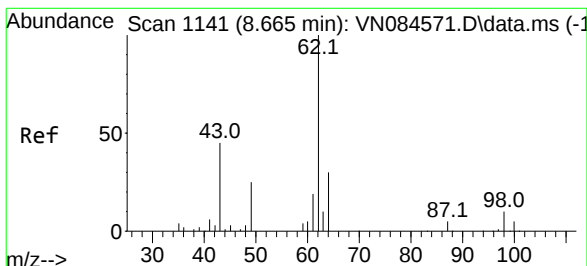
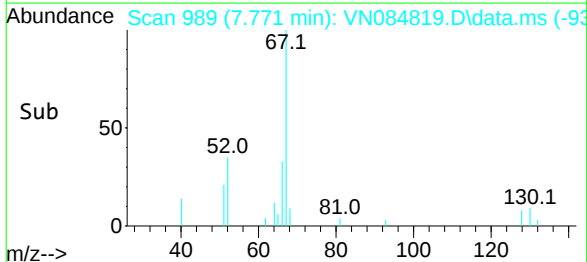
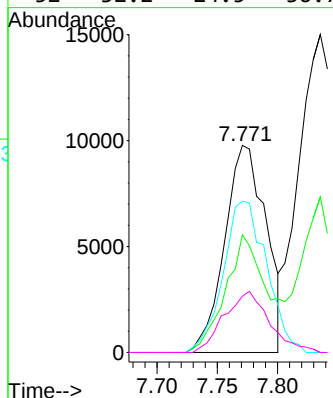
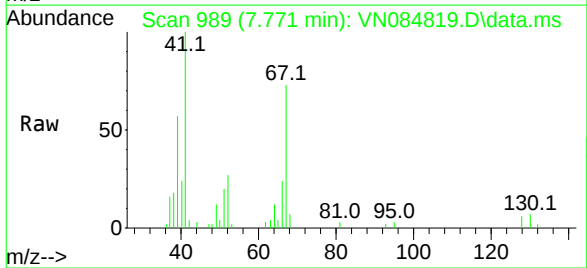
#41
Methacrylonitrile
Concen: 19.693 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:	41	Resp:	23352
Ion	Ratio	Lower	Upper
41	100		
39	57.7	43.3	64.9
67	76.7	56.1	84.1
52	32.2	24.5	36.7

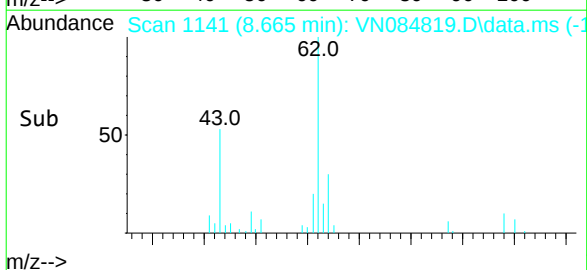
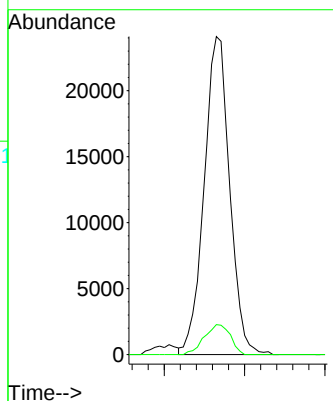
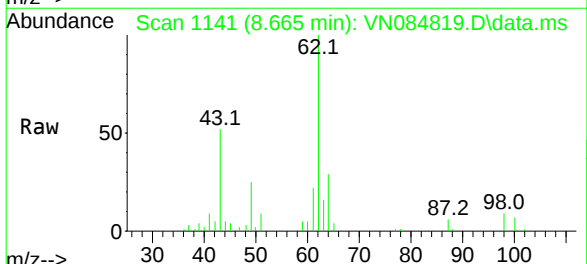
Manual Integrations
APPROVED

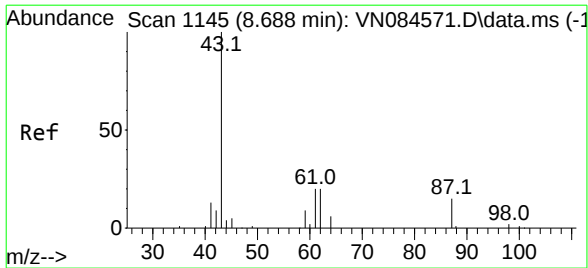
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#42
1,2-Dichloroethane
Concen: 21.017 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	62	Resp:	53127
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





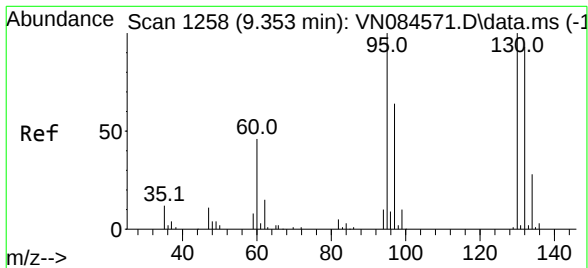
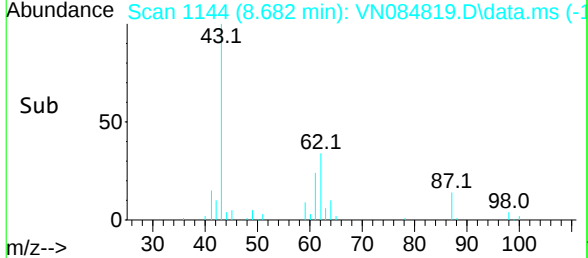
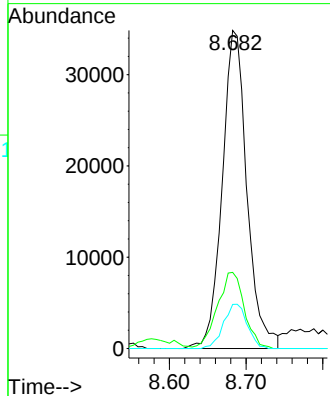
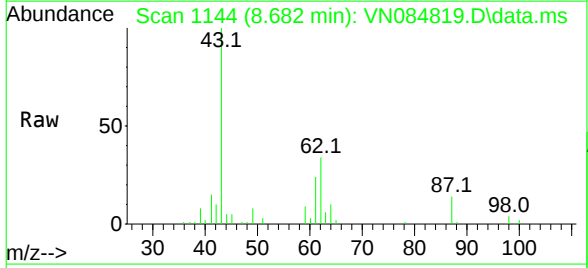
#43
Isopropyl Acetate
Concen: 18.552 ug/l
RT: 8.682 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:	43	Resp:	78051
Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.4	30.6
87	13.3	10.3	15.5

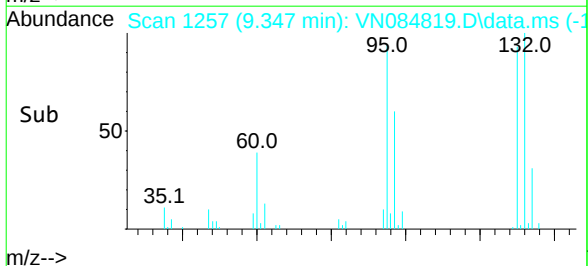
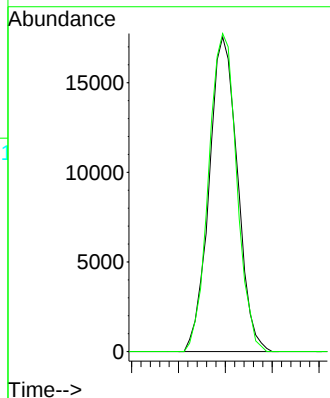
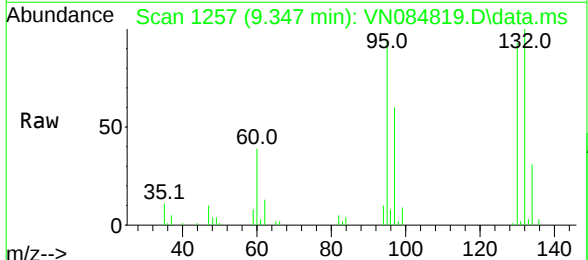
Manual Integrations
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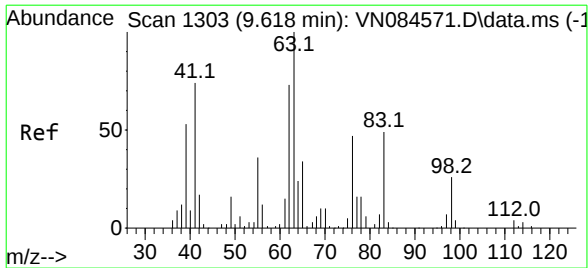
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#44
Trichloroethene
Concen: 20.512 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	130	Resp:	36924
Ion	Ratio	Lower	Upper
130	100		
95	101.1	0.0	203.0





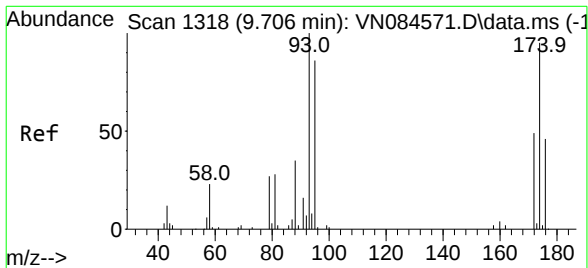
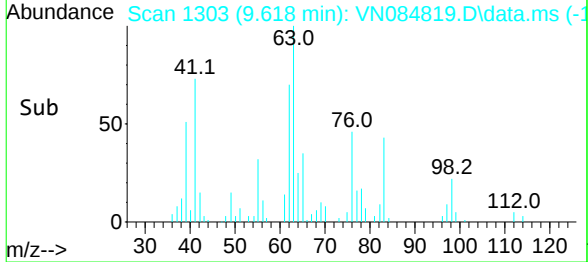
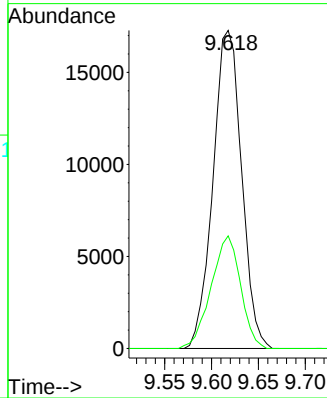
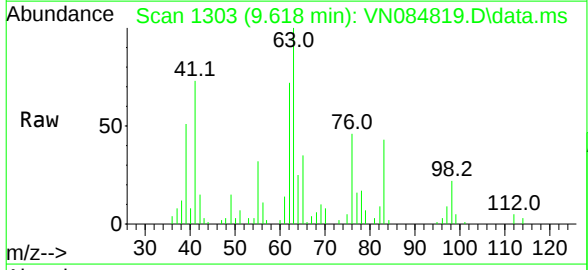
#45
1,2-Dichloropropane
Concen: 19.990 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 63 Resp: 36602
Ion Ratio Lower Upper
63 100
65 35.4 24.6 37.0

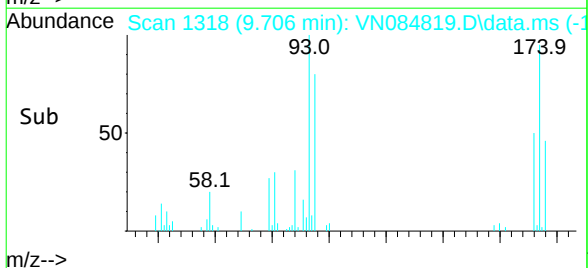
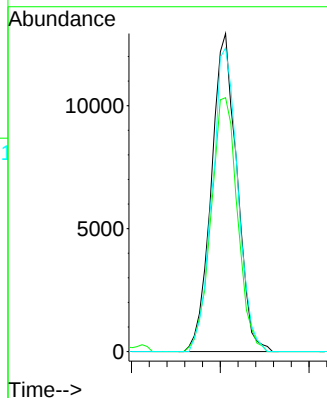
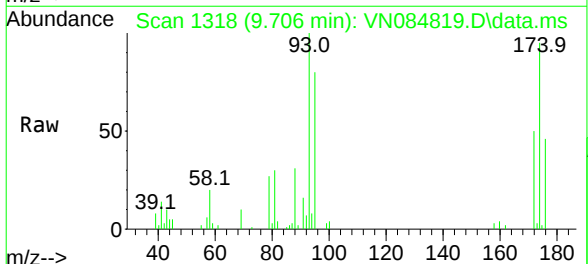
Manual Integrations
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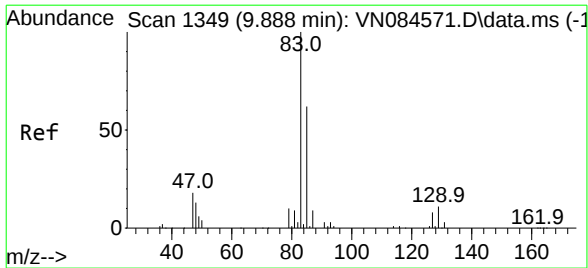
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#46
Dibromomethane
Concen: 20.030 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 93 Resp: 25879
Ion Ratio Lower Upper
93 100
95 82.4 65.0 97.4
174 95.5 71.8 107.8





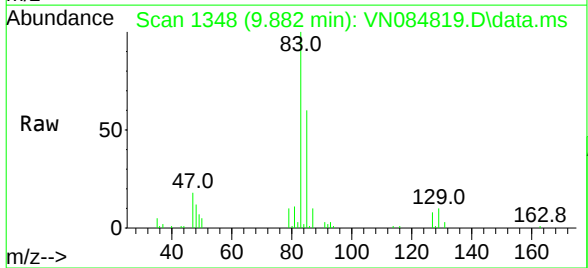
#47
 Bromodichloromethane
 Concen: 20.943 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

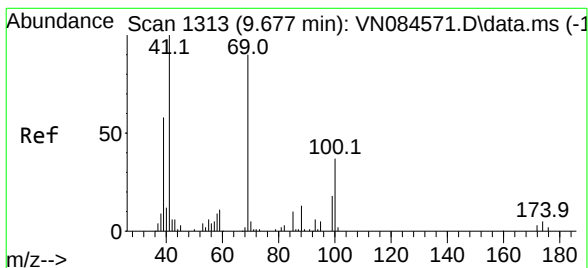
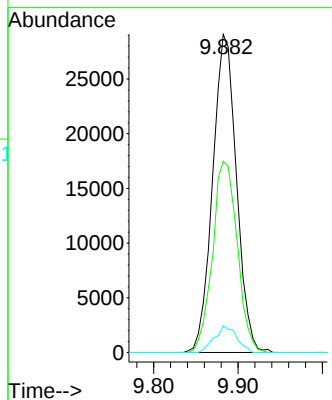
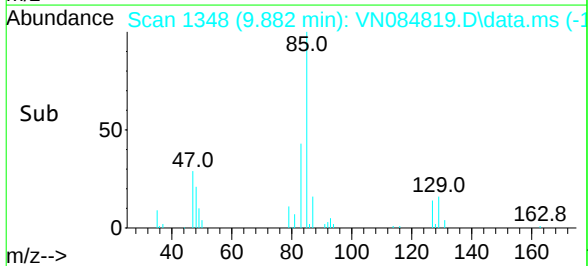
VN1113MBS01



Tgt Ion:	83	Resp:	57038
Ion	Ratio	Lower	Upper
83	100		
85	60.1	51.5	77.3
127	8.5	5.7	8.5

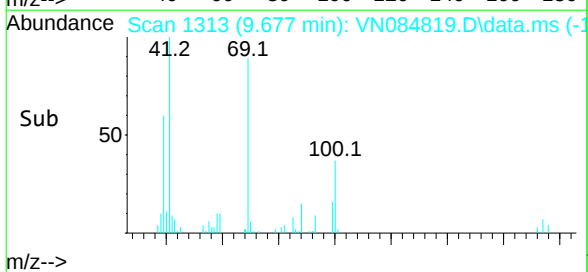
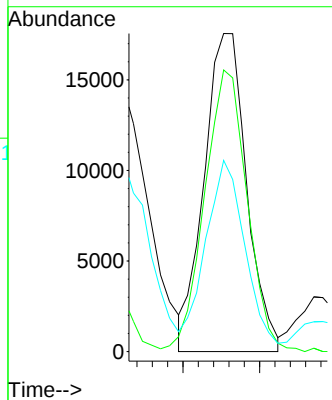
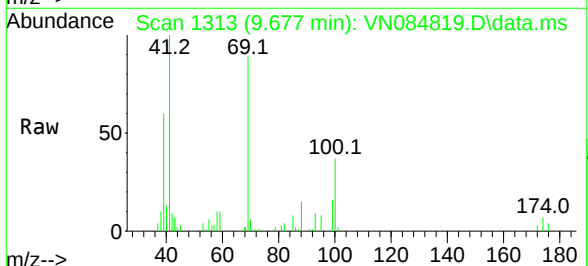
Manual Integrations
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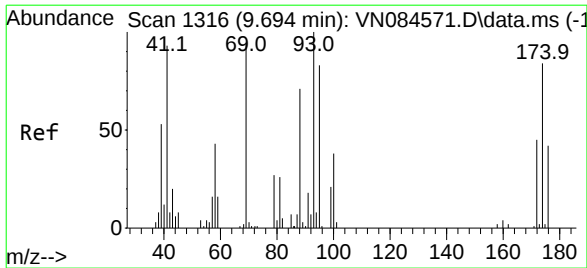
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#48
 Methyl methacrylate
 Concen: 19.679 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

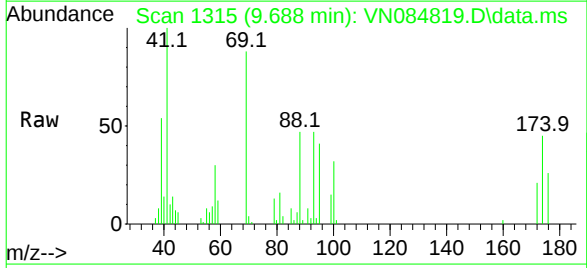
Tgt Ion:	41	Resp:	33773
Ion	Ratio	Lower	Upper
41	100		
69	88.6	67.1	100.7
39	56.6	45.8	68.6





#49
1,4-Dioxane
Concen: 387.512 ug/l
RT: 9.688 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

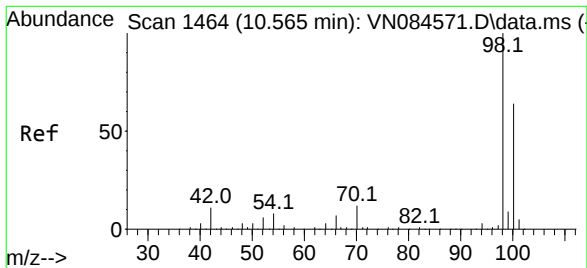
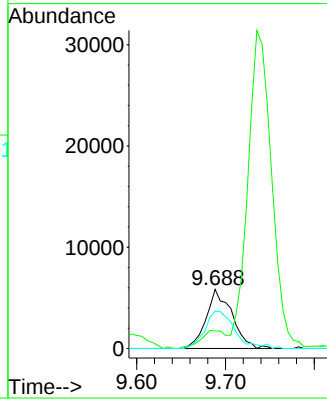
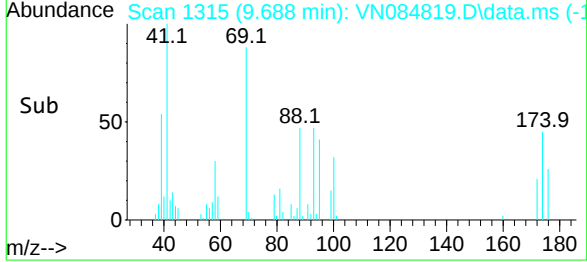
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



Tgt Ion: 88 Resp: 11785
Ion Ratio Lower Upper
88 100
43 28.2 25.3 37.9
58 72.9 56.4 84.6

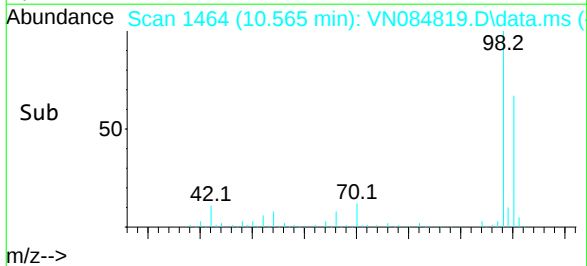
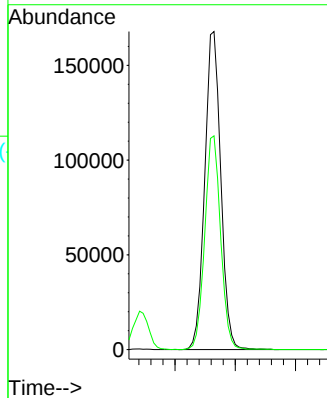
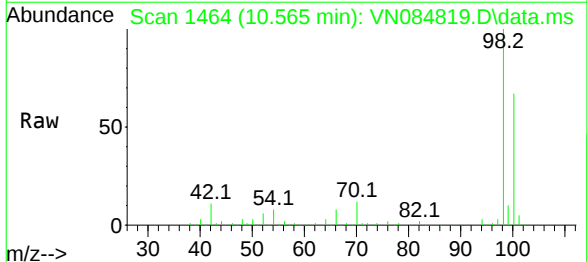
Manual Integrations
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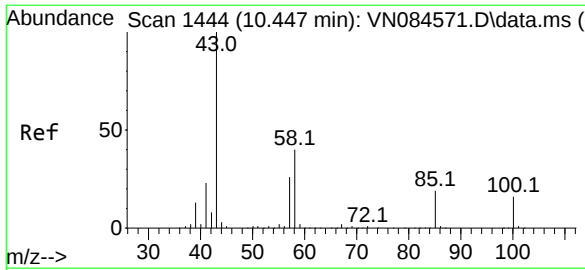
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#50
Toluene-d8
Concen: 48.183 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 98 Resp: 311047
Ion Ratio Lower Upper
98 100
100 66.5 52.7 79.1





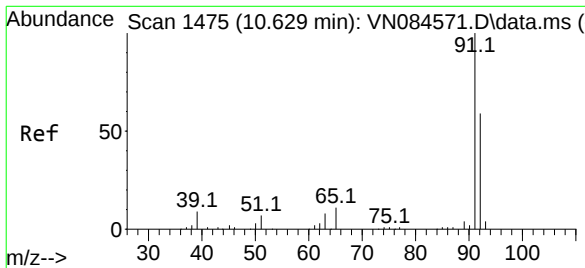
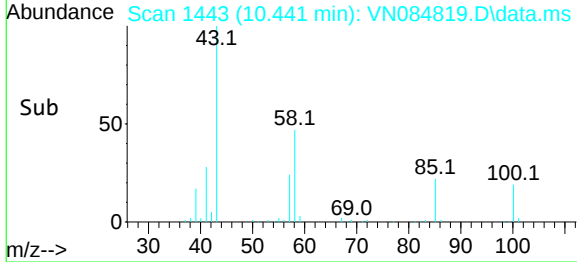
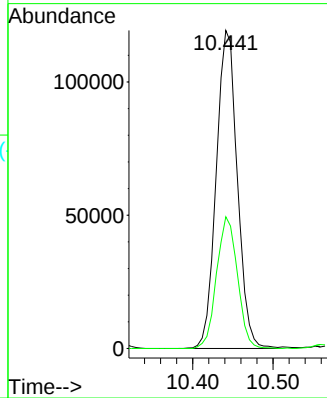
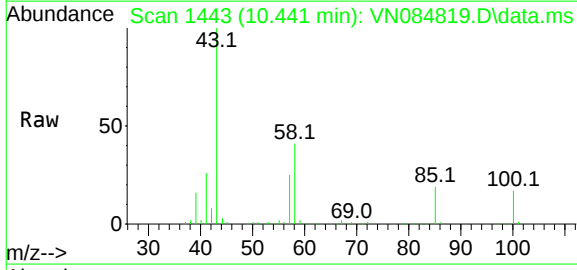
#51
4-Methyl-2-Pentanone
Concen: 103.554 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 43 Resp: 217685
Ion Ratio Lower Upper
43 100
58 40.9 31.6 47.4

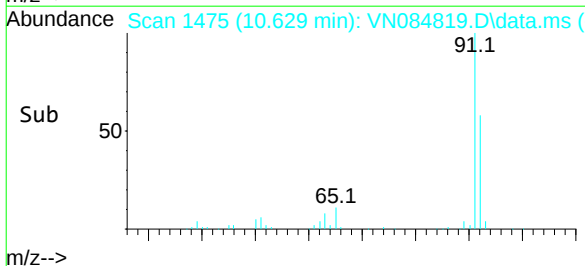
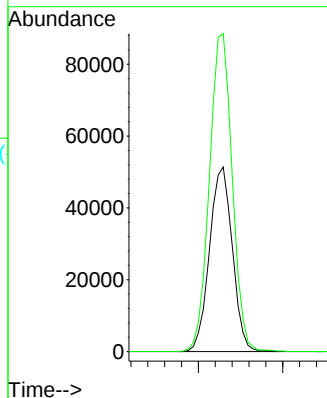
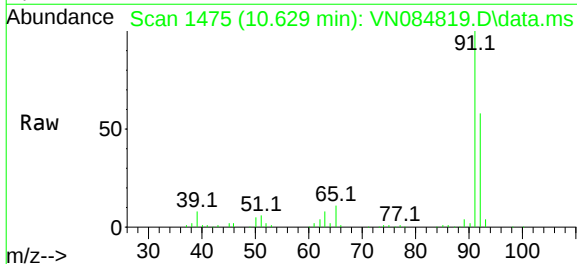
Manual Integrations
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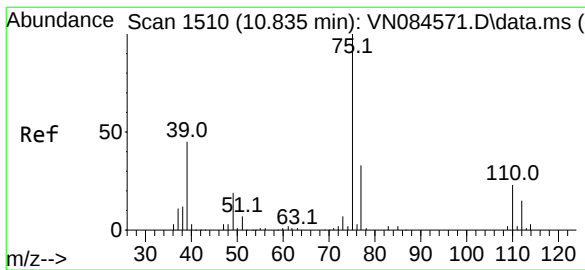
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#52
Toluene
Concen: 21.196 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

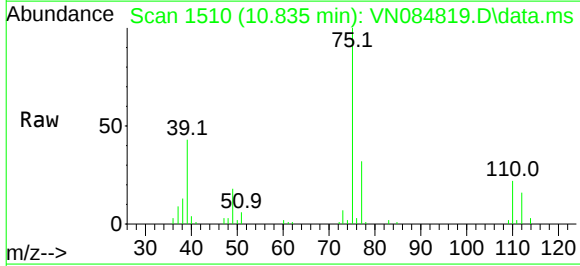
Tgt Ion: 92 Resp: 96759
Ion Ratio Lower Upper
92 100
91 172.1 137.3 205.9





#53
 t-1,3-Dichloropropene
 Concen: 19.446 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

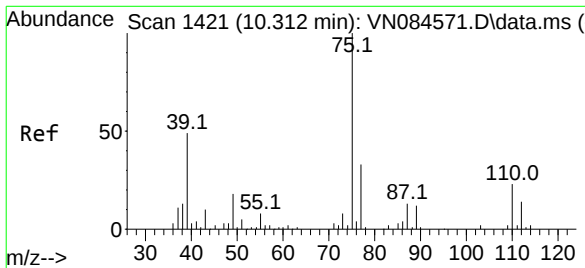
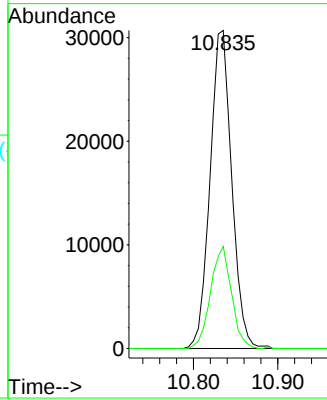
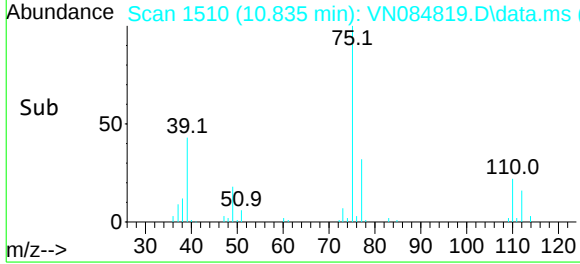
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBS01



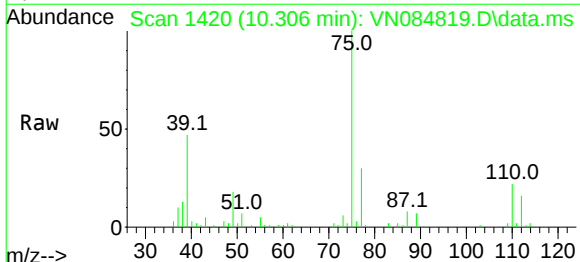
Tgt Ion: 75 Resp: 54819
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0

Manual Integrations
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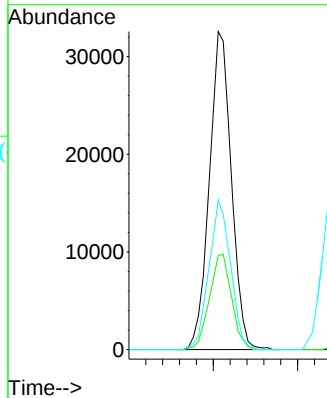
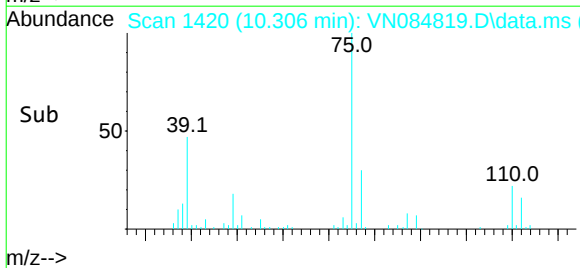
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024

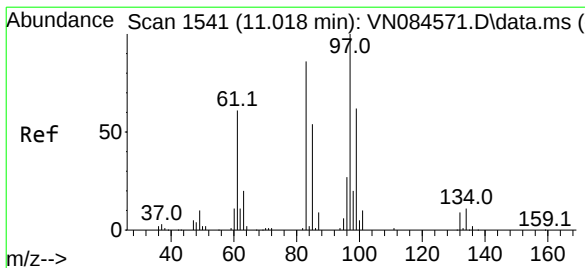


#54
 cis-1,3-Dichloropropene
 Concen: 19.803 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37



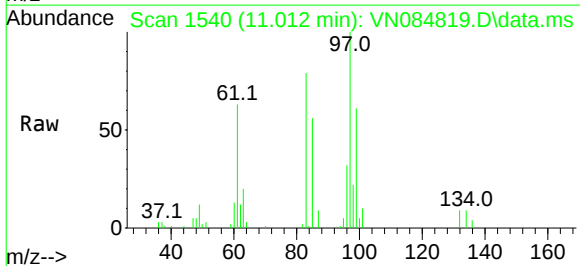
Tgt Ion: 75 Resp: 59087
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.2 36.2
 39 47.0 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 21.124 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

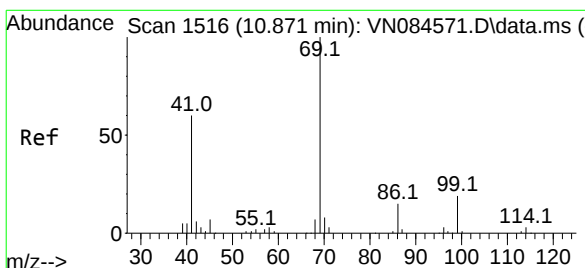
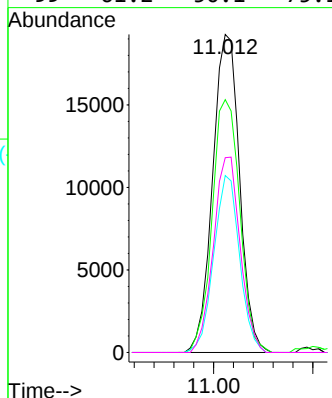
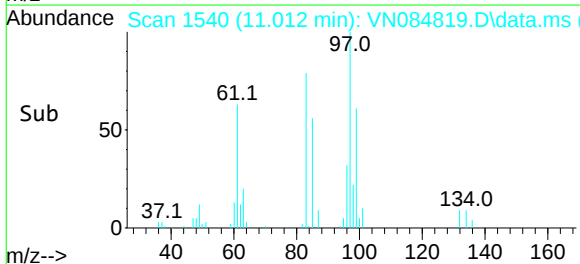
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



Tgt Ion:	97	Resp:	36324
Ion	Ratio	Lower	Upper
97	100		
83	79.5	71.0	106.4
85	55.6	41.7	62.5
99	61.2	50.1	75.1

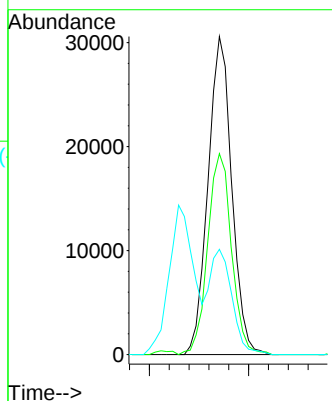
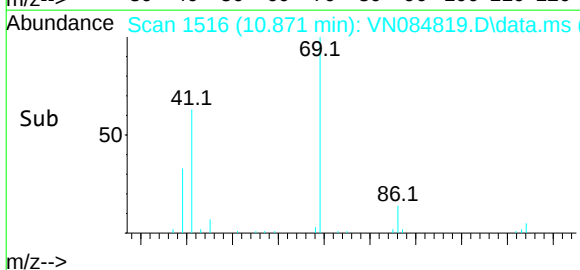
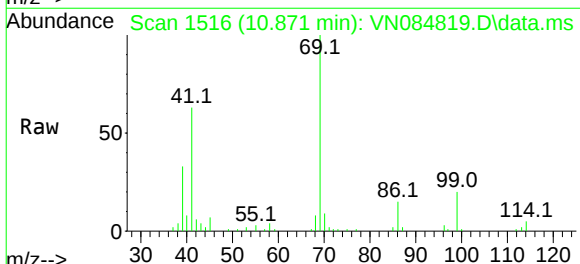
Manual Integrations
APPROVED

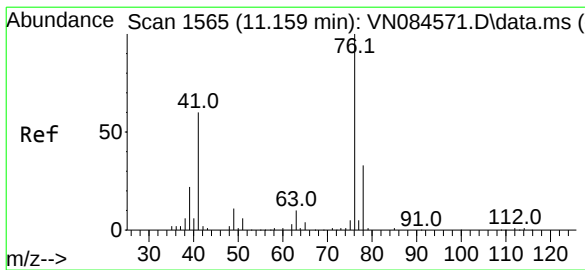
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#56
Ethyl methacrylate
Concen: 20.457 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	69	Resp:	50883
Ion	Ratio	Lower	Upper
69	100		
41	63.4	53.3	79.9
39	32.0	28.8	43.2





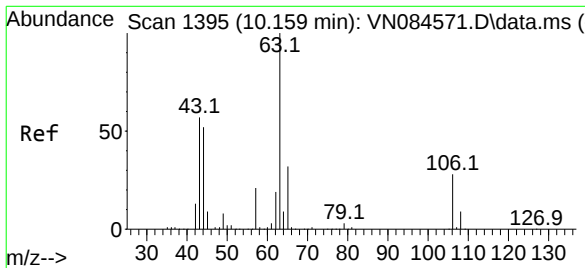
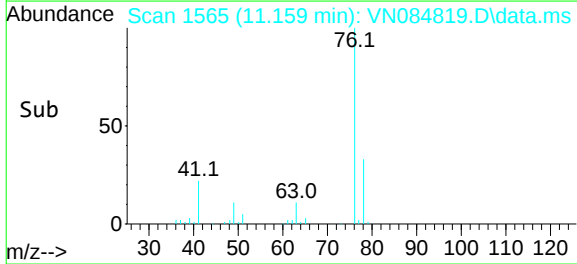
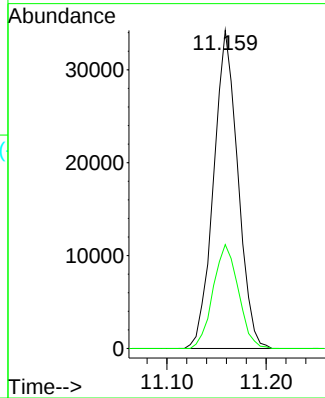
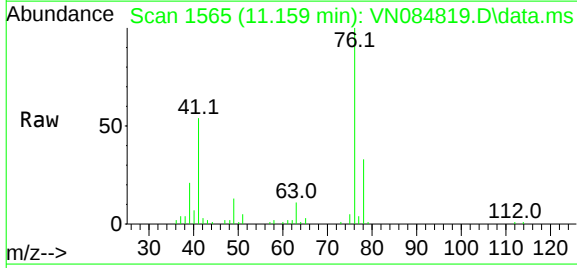
#57
1,3-Dichloropropane
Concen: 19.723 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 76 Resp: 58205
Ion Ratio Lower Upper
76 100
78 34.1 25.8 38.6

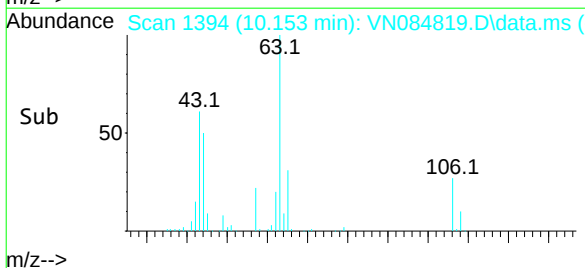
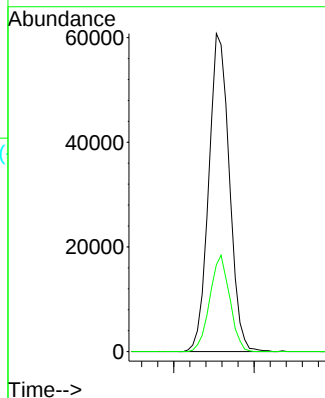
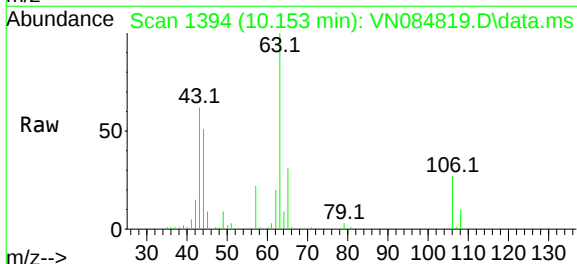
Manual Integrations
APPROVED

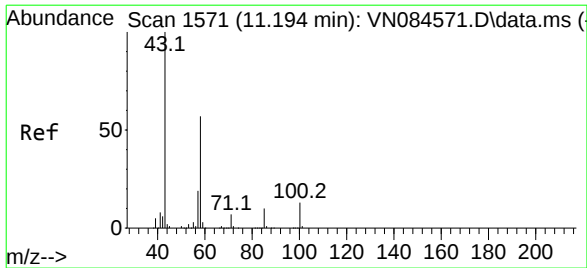
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 92.948 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 63 Resp: 108180
Ion Ratio Lower Upper
63 100
106 29.3 21.8 32.6





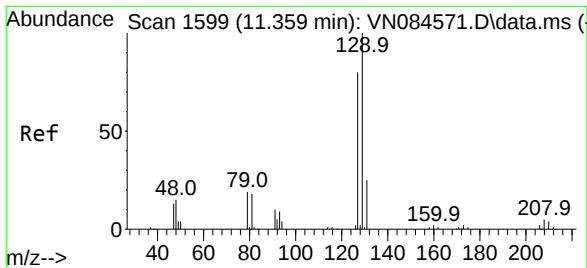
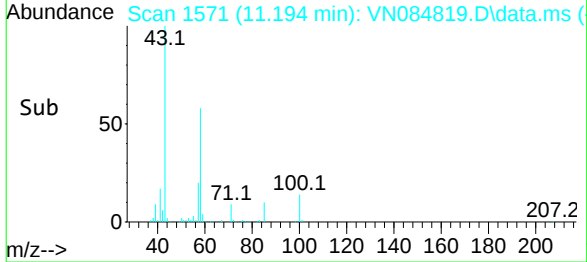
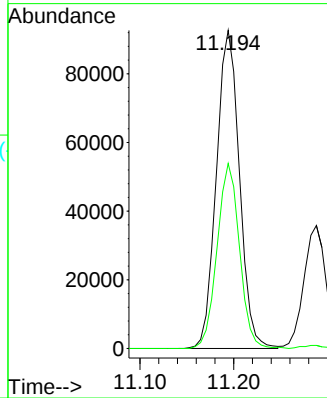
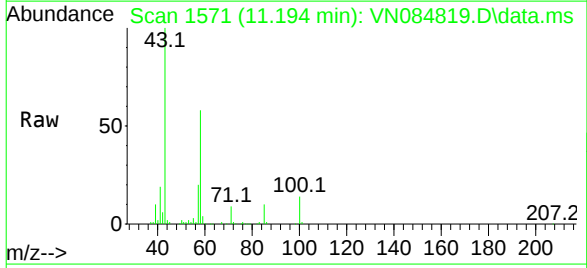
#59
2-Hexanone
Concen: 103.451 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 43 Resp: 158292
Ion Ratio Lower Upper
43 100
58 56.4 27.3 81.8

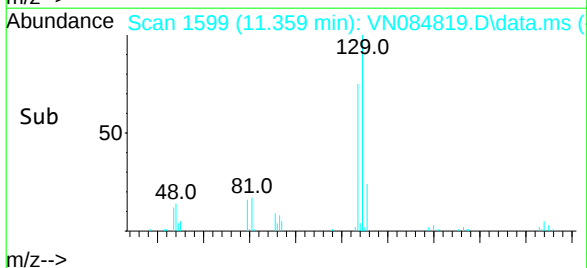
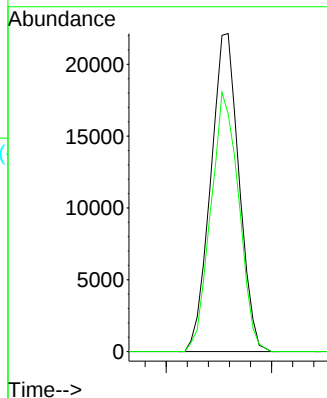
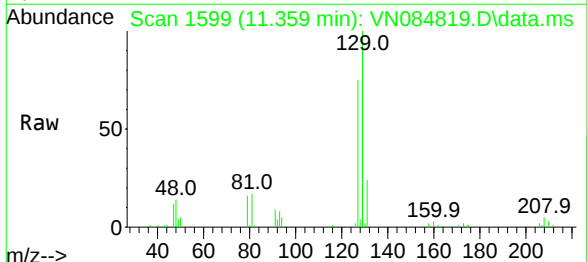
Manual Integrations
APPROVED

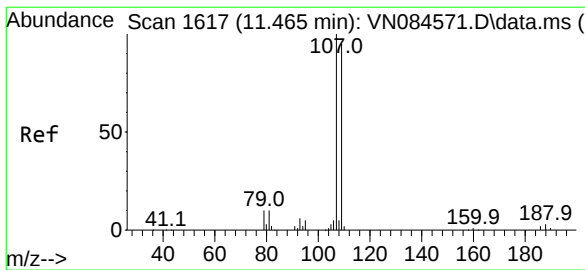
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#60
Dibromochloromethane
Concen: 21.099 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:129 Resp: 41349
Ion Ratio Lower Upper
129 100
127 80.5 38.3 114.9





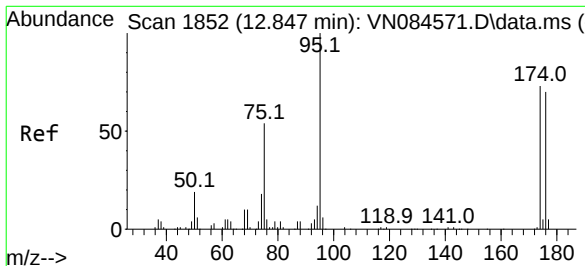
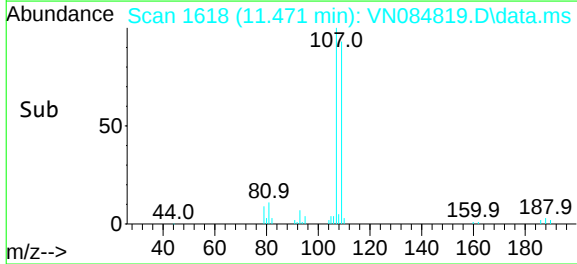
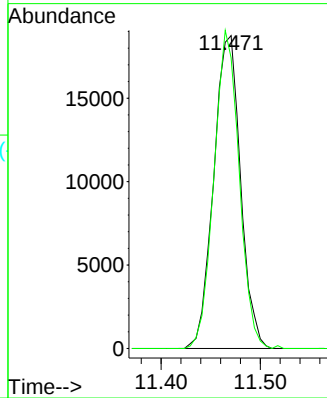
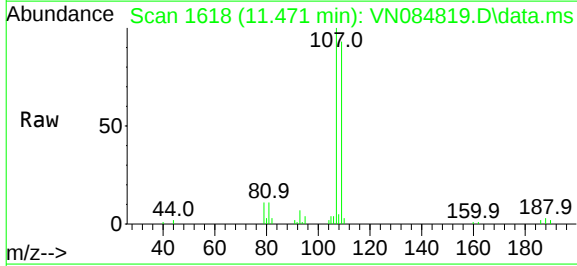
#61
1,2-Dibromoethane
Concen: 20.001 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 107 Resp: 35220
Ion Ratio Lower Upper
107 100
109 95.6 75.4 113.0

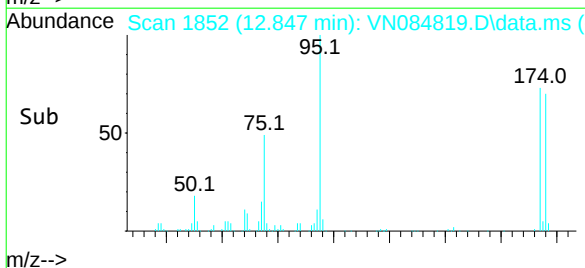
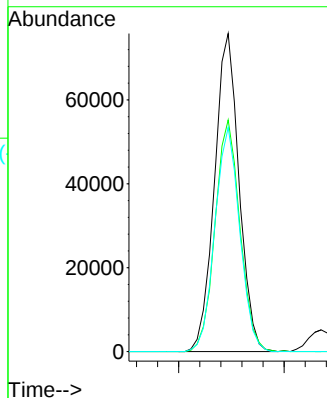
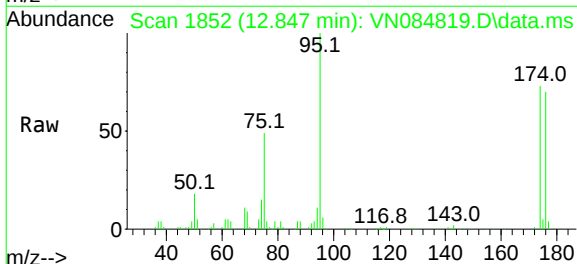
Manual Integrations
APPROVED

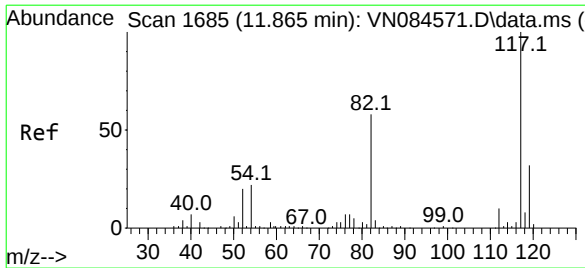
Reviewed By : John Carlone 11/14/2024
Supervised By : Mahesh Dadoda 11/14/2024



#62
4-Bromofluorobenzene
Concen: 50.800 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion: 95 Resp: 122561
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.2
176 71.2 0.0 140.0





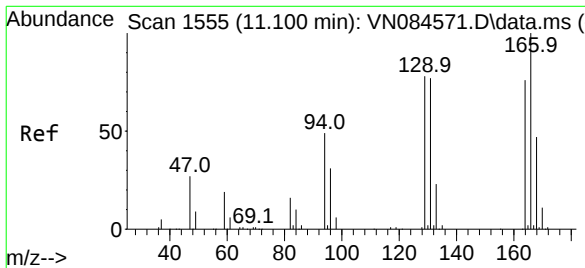
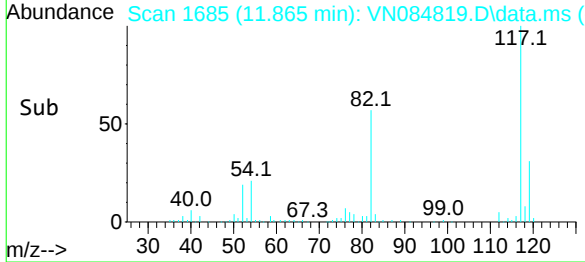
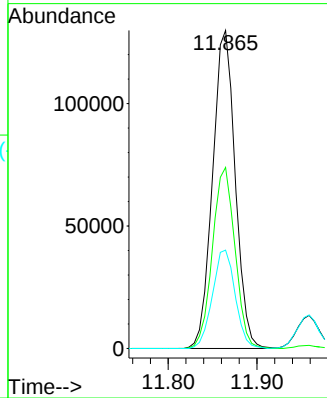
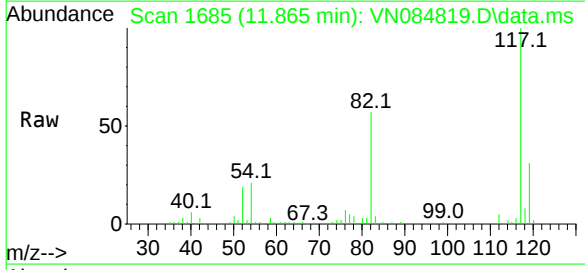
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:	117	Resp:	230076
Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.2	70.8
119	30.9	25.4	38.0

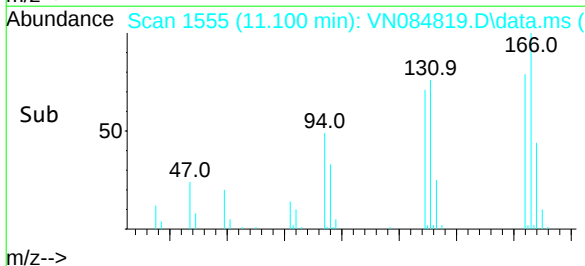
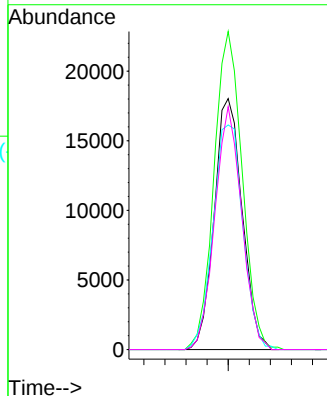
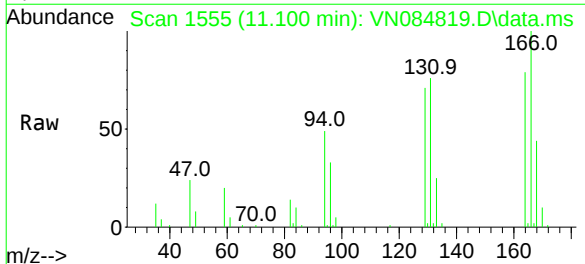
Manual Integrations
APPROVED

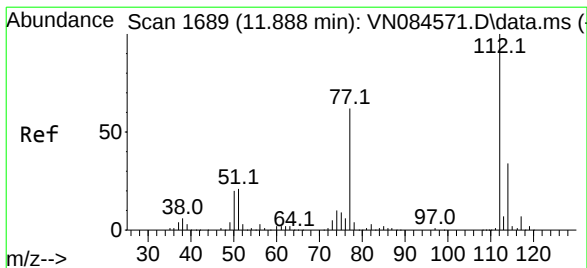
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#64
Tetrachloroethene
Concen: 21.658 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	164	Resp:	33145
Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.0	151.4
129	89.5	80.8	121.2
131	96.8	78.1	117.1





#65

Chlorobenzene

Concen: 19.652 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion:112 Resp: 101155

Ion Ratio Lower Upper

112 100

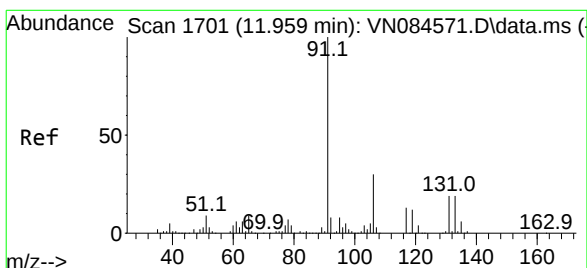
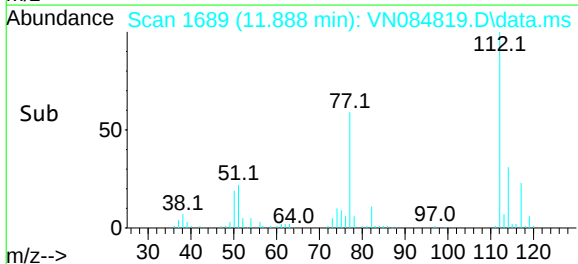
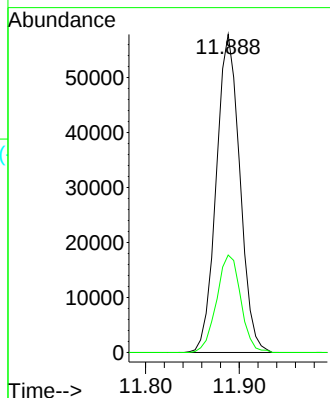
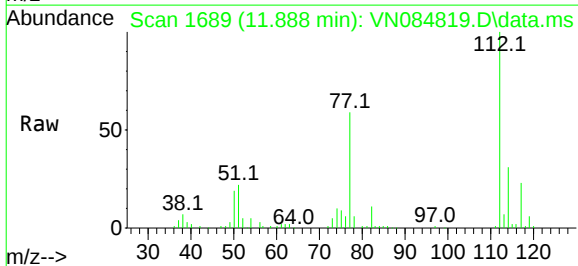
114 30.6 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.193 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

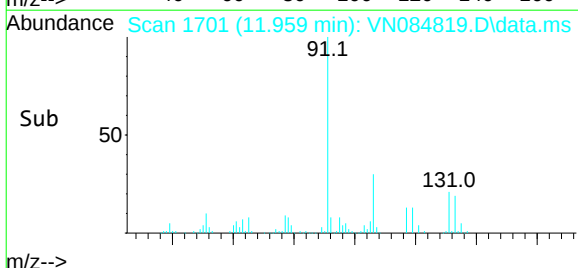
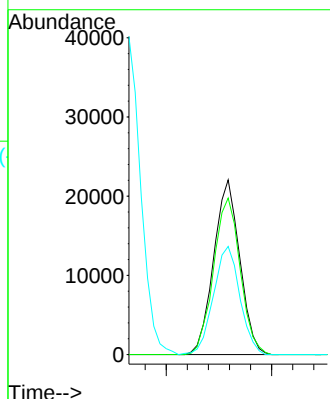
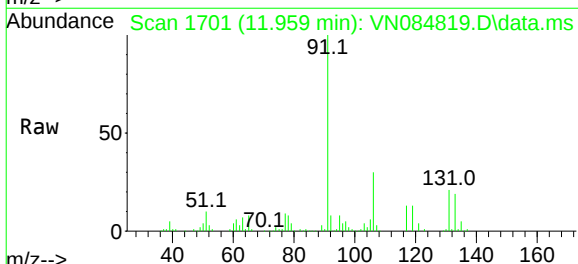
Tgt Ion:131 Resp: 37943

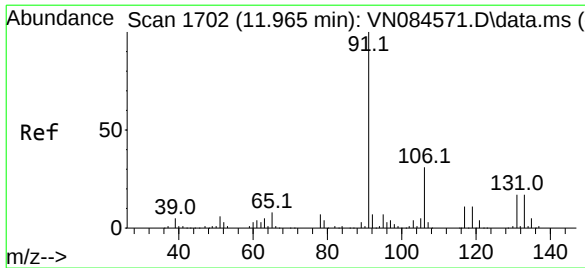
Ion Ratio Lower Upper

131 100

133 91.6 47.9 143.7

119 62.6 32.8 98.3





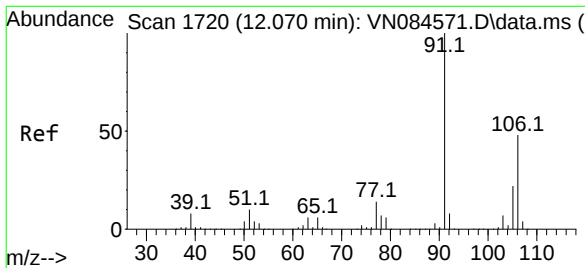
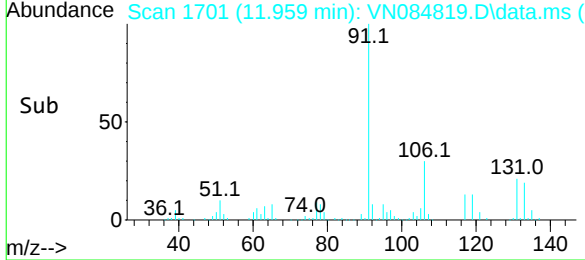
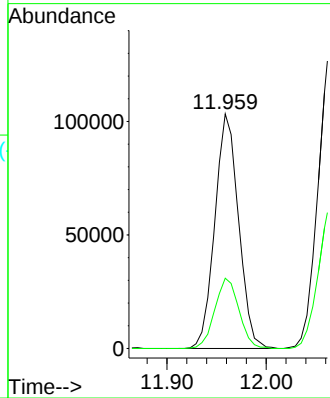
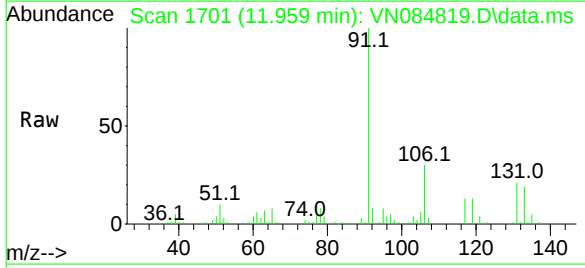
#67
Ethyl Benzene
Concen: 19.972 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 91 Resp: 171593
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

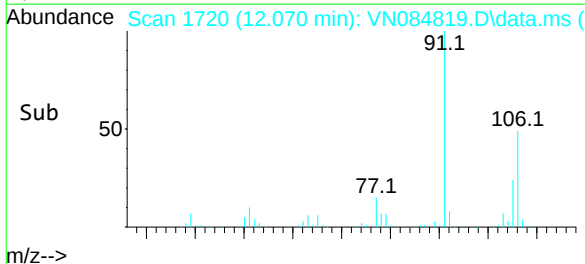
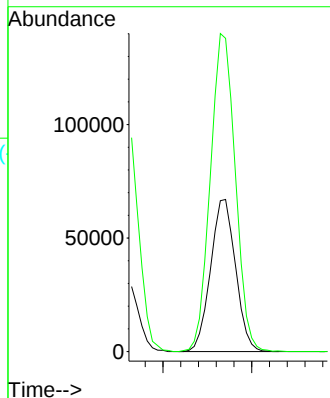
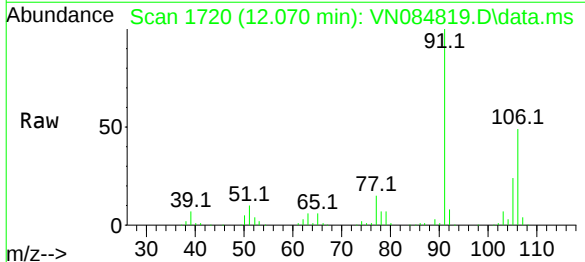
Manual Integrations
APPROVED

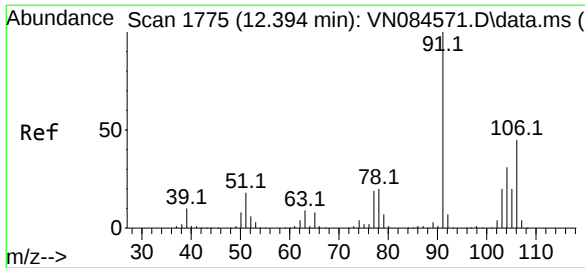
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#68
m/p-Xylenes
Concen: 40.291 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:106 Resp: 131057
Ion Ratio Lower Upper
106 100
91 209.0 167.1 250.7





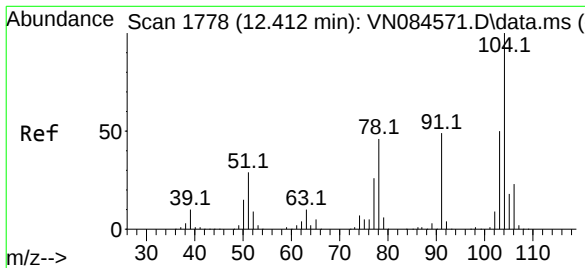
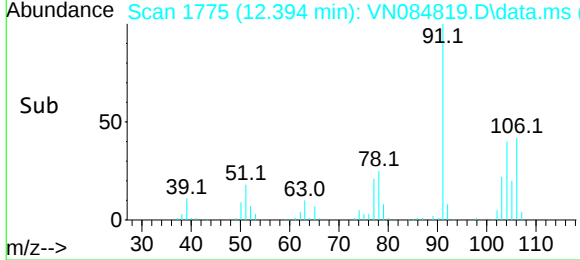
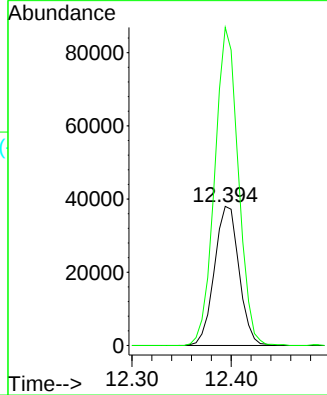
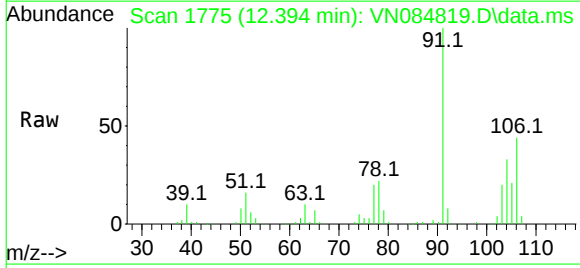
#69
o-Xylene
Concen: 21.503 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:106 Resp: 65431
Ion Ratio Lower Upper
106 100
91 219.7 110.2 330.6

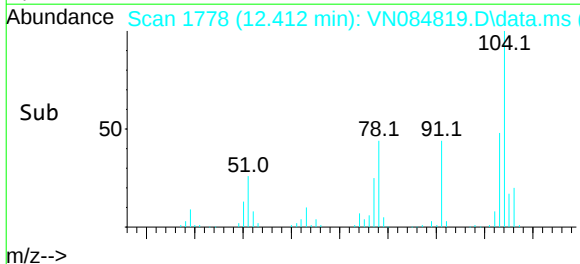
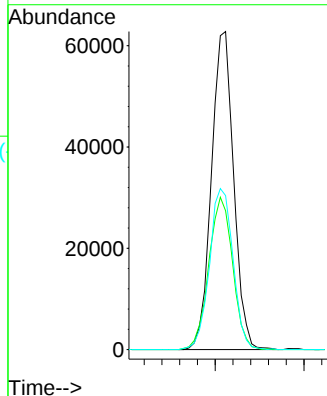
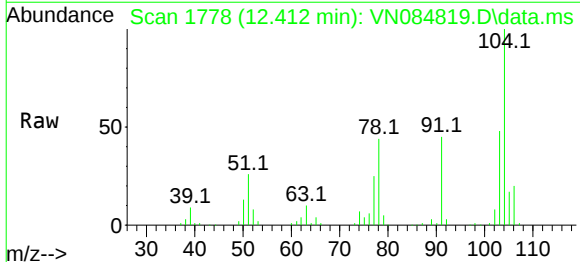
Manual Integrations
APPROVED

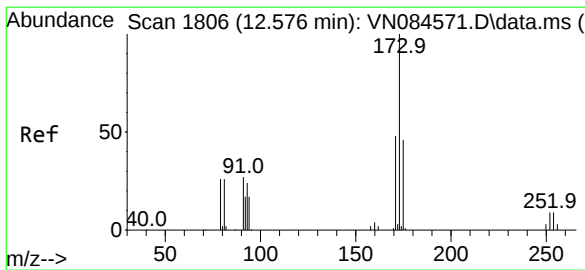
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#70
Styrene
Concen: 20.573 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:104 Resp: 109202
Ion Ratio Lower Upper
104 100
78 51.4 42.7 64.1
103 53.6 43.6 65.4





#71

Bromoform

Concen: 21.209 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

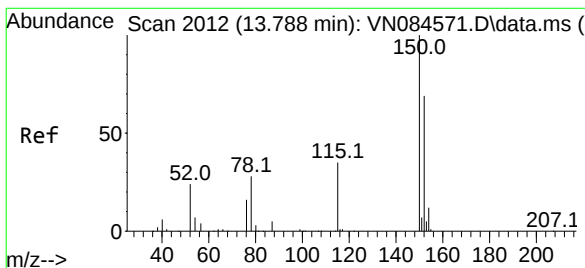
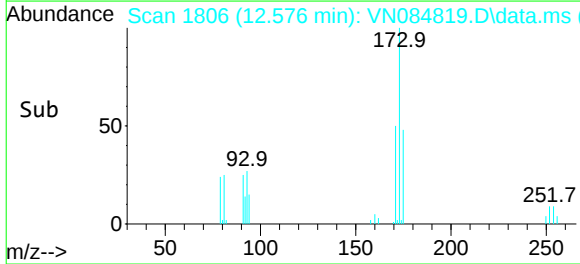
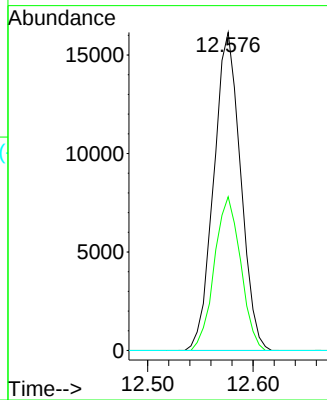
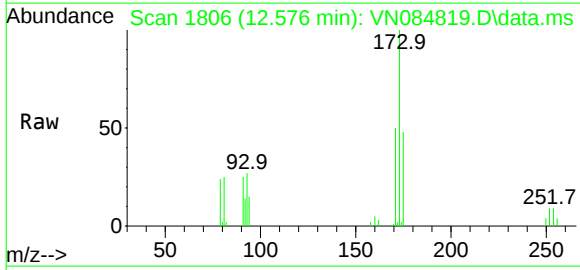
Tgt Ion:	173	Resp:	28573
Ion Ratio	Lower	Upper	
173	100		
175	47.3	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

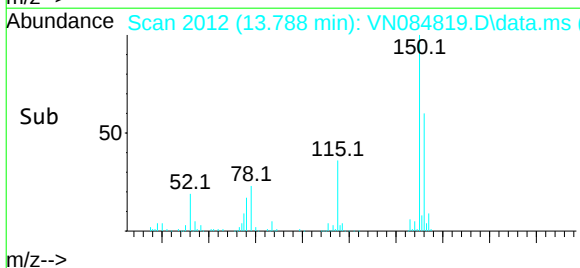
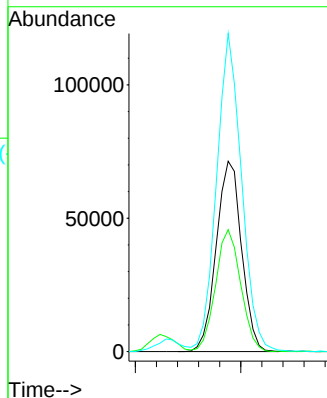
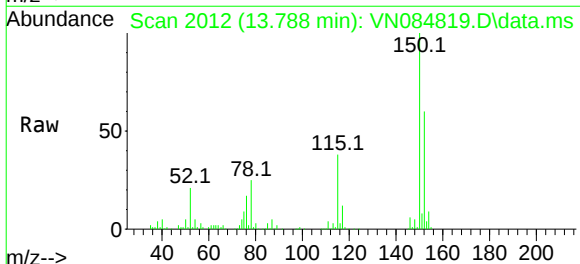
RT: 13.788 min Scan# 2012

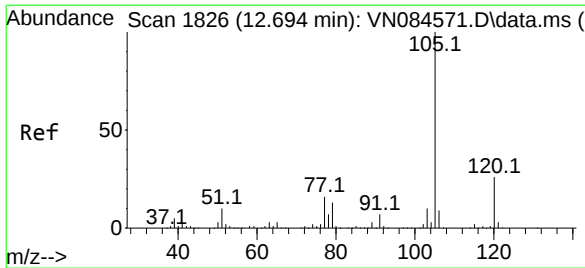
Delta R.T. 0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Tgt Ion:	152	Resp:	119121
Ion Ratio	Lower	Upper	
152	100		
115	63.7	31.3	93.9
150	165.0	0.0	349.8





#73

Isopropylbenzene

Concen: 19.571 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion:105 Resp: 163370

Ion Ratio Lower Upper

105 100

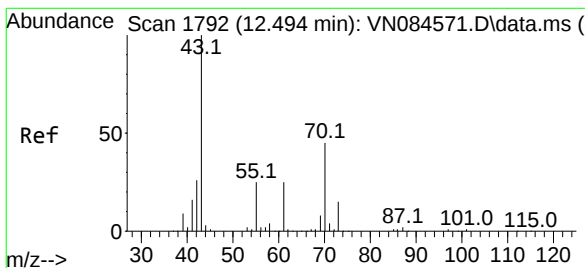
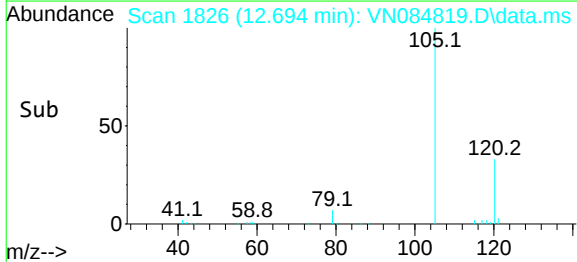
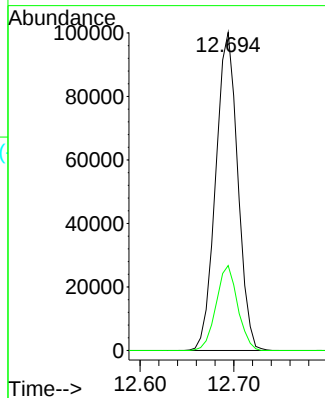
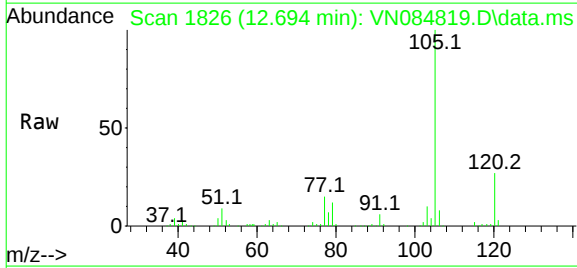
120 26.0 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#74

N-ethyl acetate

Concen: 17.661 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Tgt Ion: 43 Resp: 62749

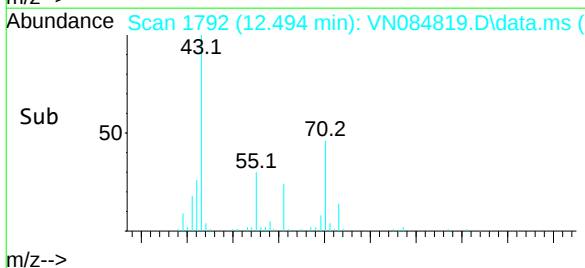
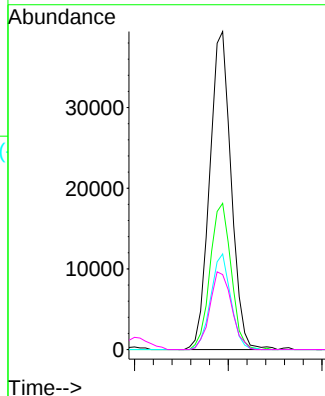
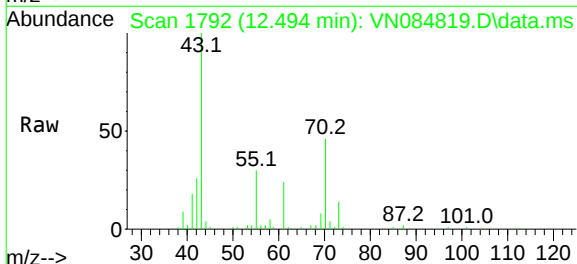
Ion Ratio Lower Upper

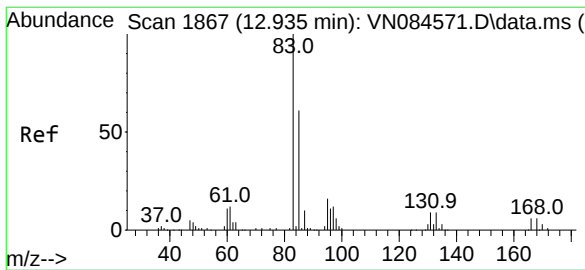
43 100

70 45.0 34.4 51.6

55 28.1 19.6 29.4

61 24.8 19.6 29.4





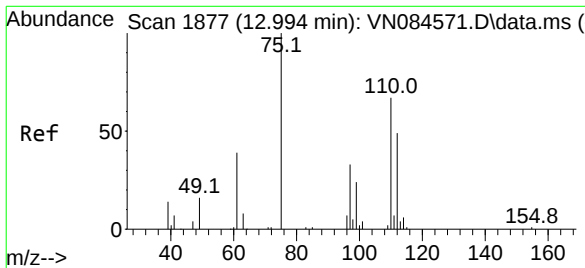
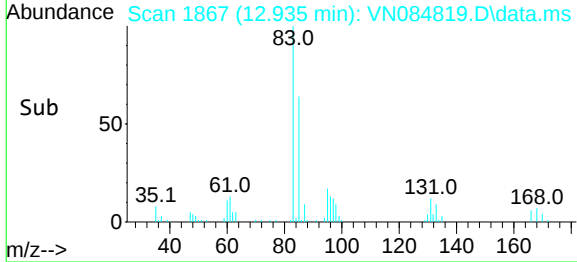
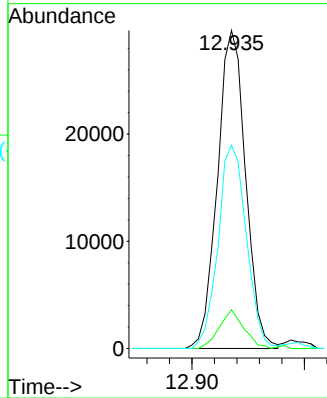
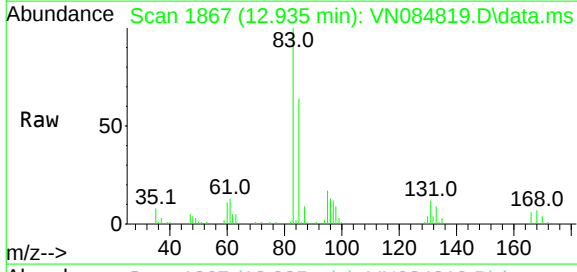
#75
1,1,2,2-Tetrachloroethane
Concen: 18.483 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:	83	Resp:	51501
Ion	Ratio	Lower	Upper
83	100		
131	10.7	4.9	14.7
85	64.3	31.9	95.7

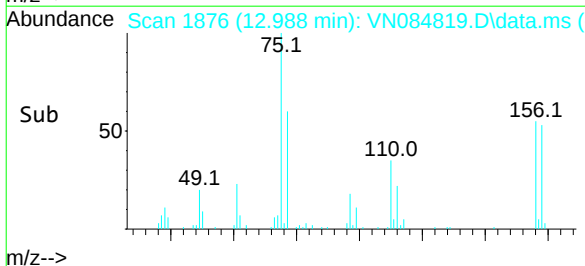
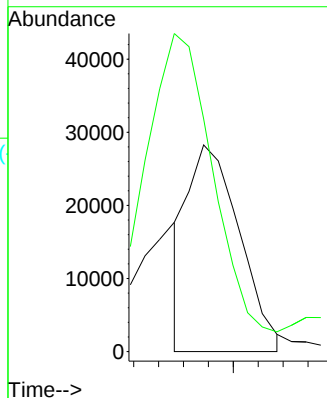
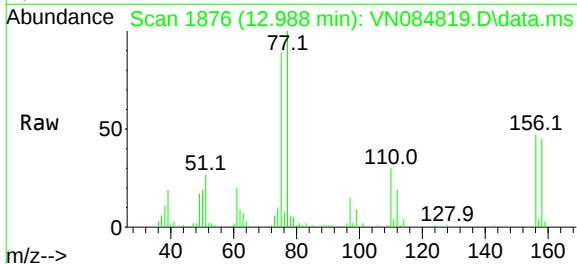
Manual Integrations
APPROVED

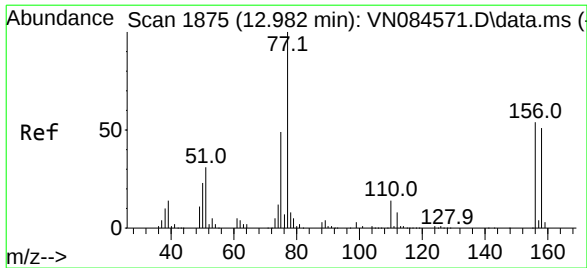
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#76
1,2,3-Trichloropropane
Concen: 17.201 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	75	Resp:	40958
Ion	Ratio	Lower	Upper
75	100		
77	212.8	96.9	290.7





#77

Bromobenzene

Concen: 17.883 ug/l

RT: 12.976 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

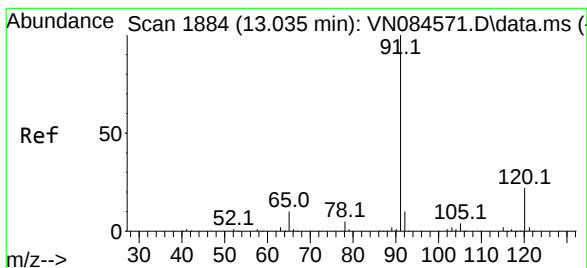
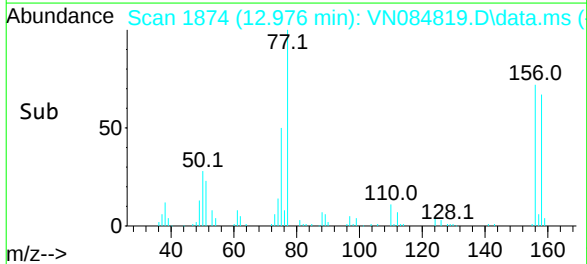
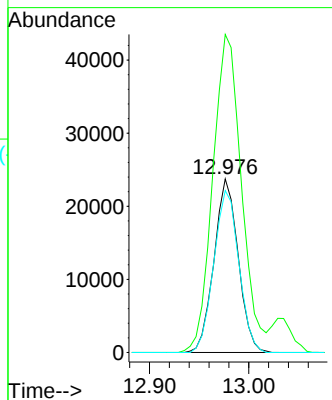
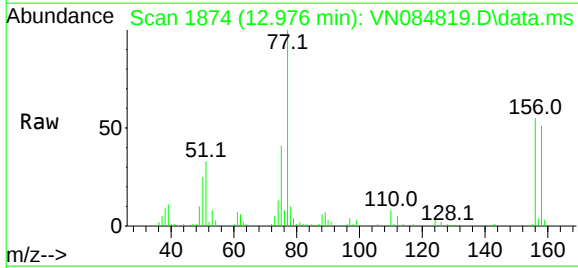
Tgt Ion:	156	Resp:	40131
Ion Ratio	Lower	Upper	
156	100		
77	217.1	115.1	345.3
158	96.7	48.9	146.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#78

n-propylbenzene

Concen: 18.707 ug/l

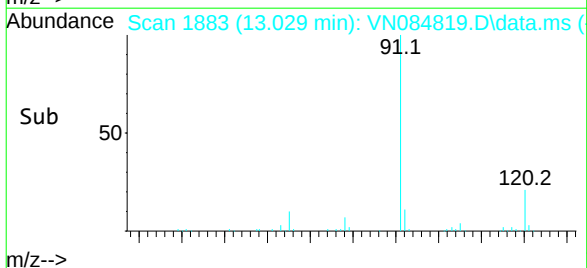
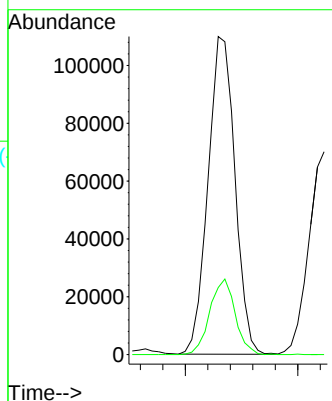
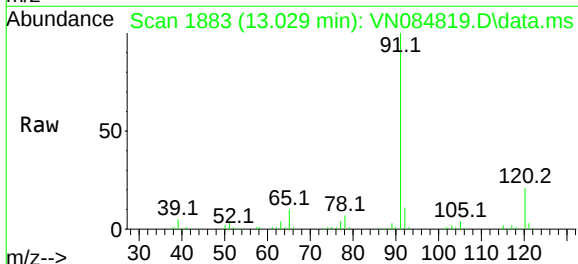
RT: 13.029 min Scan# 1883

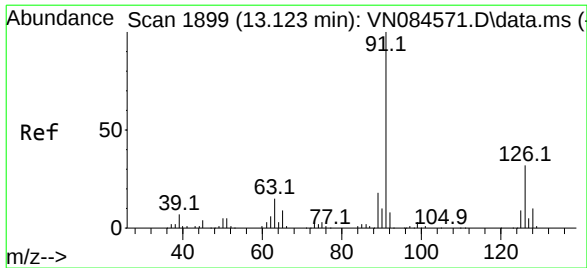
Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Tgt Ion:	91	Resp:	182989
Ion Ratio	Lower	Upper	
91	100		
120	22.3	10.8	32.4





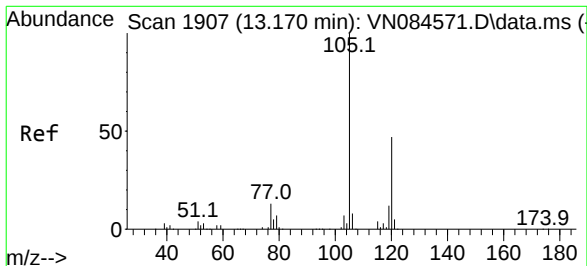
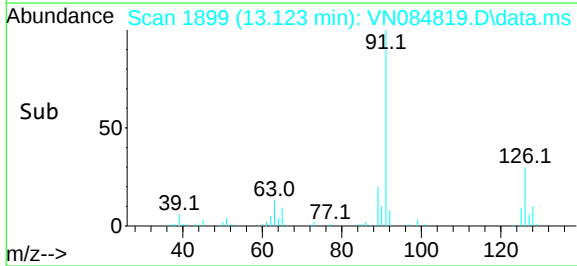
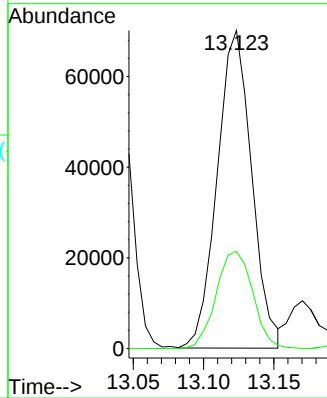
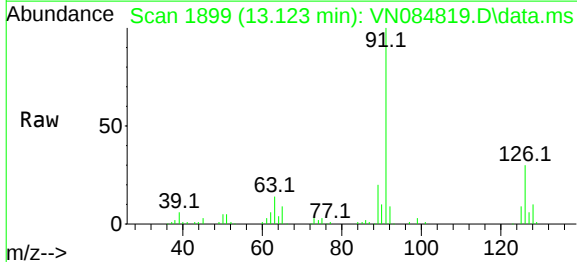
#79
2-Chlorotoluene
Concen: 18.669 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion: 91 Resp: 119325
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1

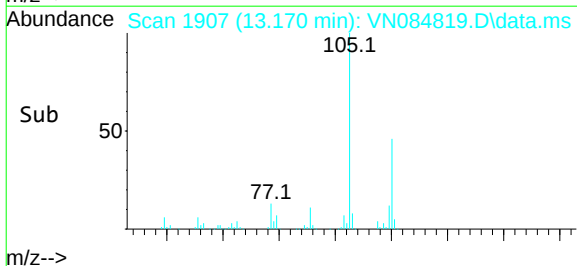
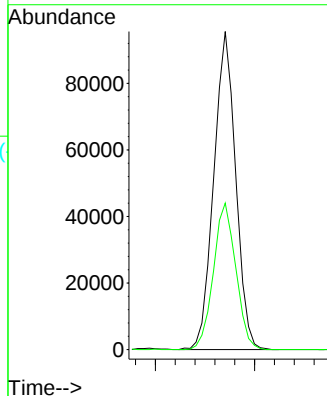
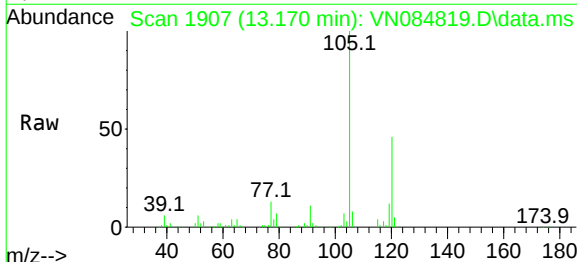
Manual Integrations
APPROVED

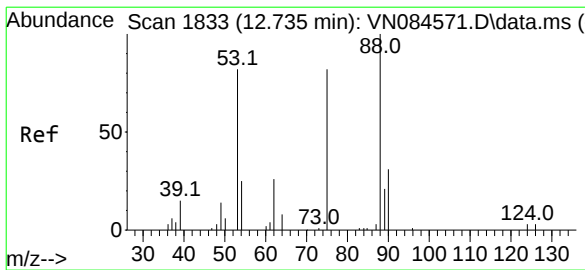
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.176 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

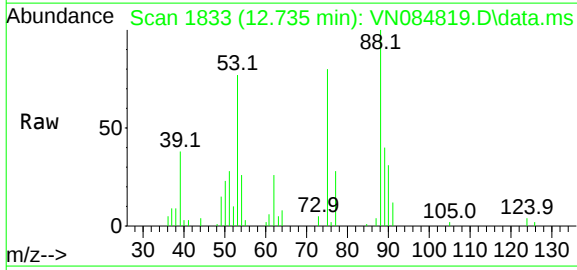
Tgt Ion:105 Resp: 146513
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 16.848 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

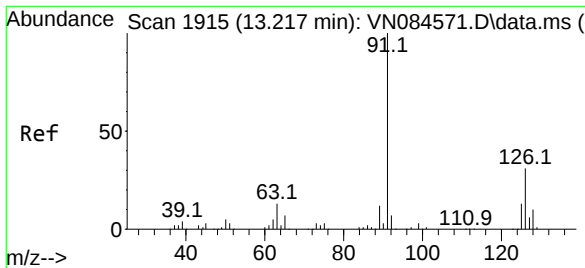
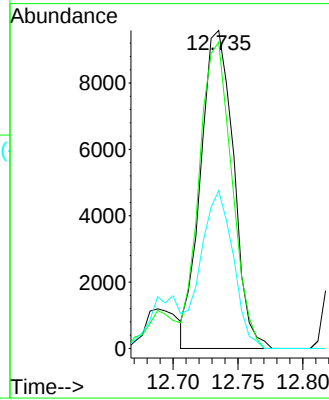
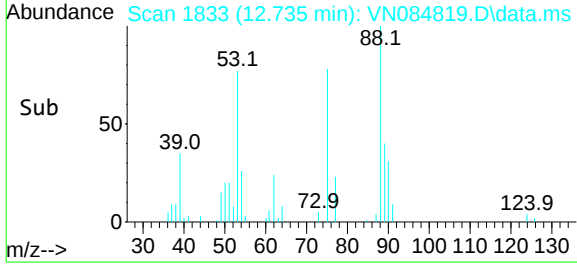
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



Tgt Ion: 75 Resp: 16910
Ion Ratio Lower Upper
75 100
53 95.6 78.0 117.0
89 49.3 35.5 53.3

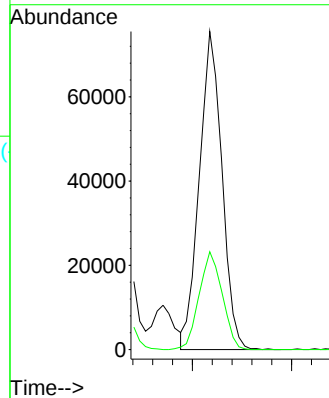
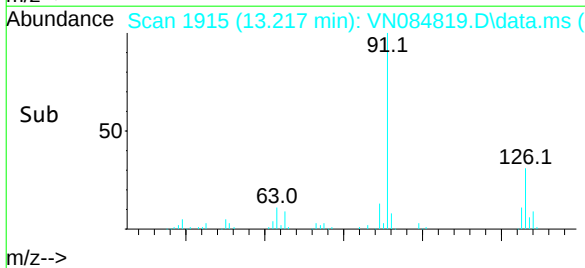
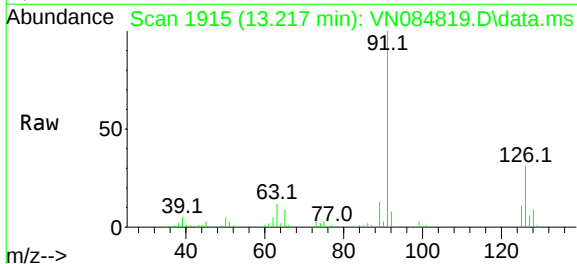
Manual Integrations
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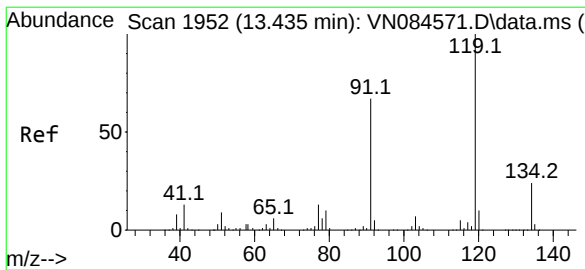
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#82
4-Chlorotoluene
Concen: 17.770 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

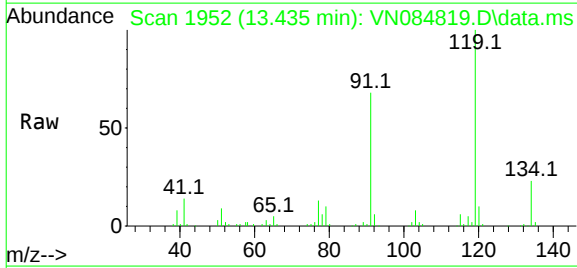
Tgt Ion: 91 Resp: 119530
Ion Ratio Lower Upper
91 100
126 31.4 15.7 47.1





#83
tert-Butylbenzene
Concen: 20.102 ug/l
RT: 13.435 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

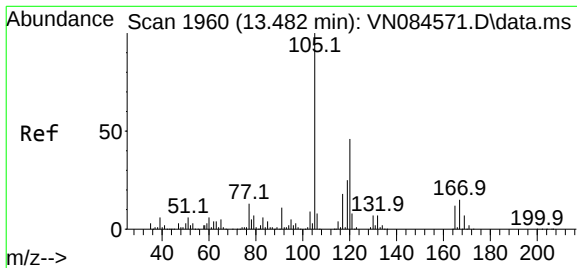
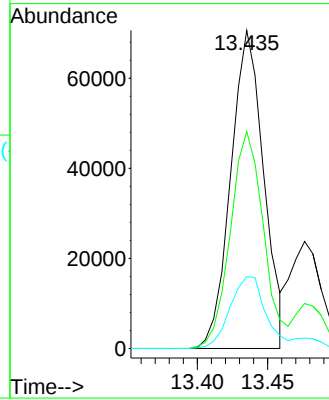
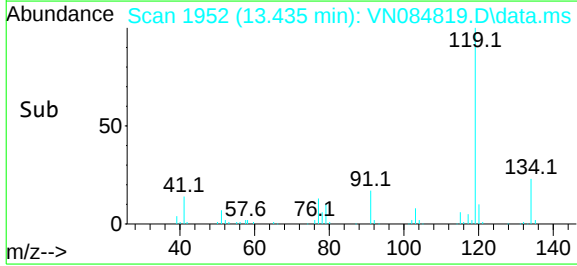
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



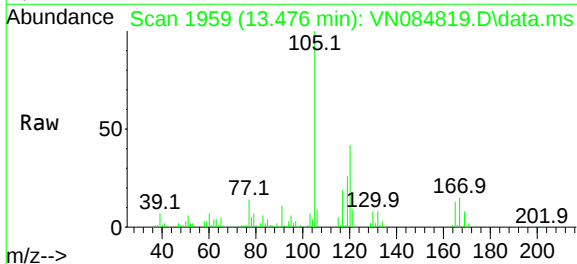
Tgt Ion:119 Resp: 115105
Ion Ratio Lower Upper
119 100
91 69.3 34.1 102.3
134 24.4 12.8 38.4

Manual Integrations
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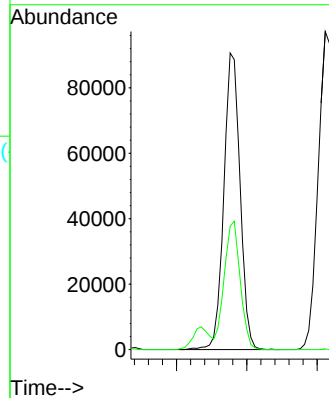
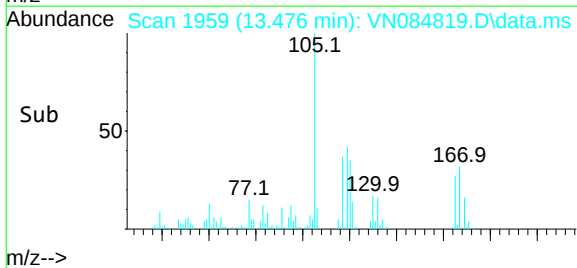
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024

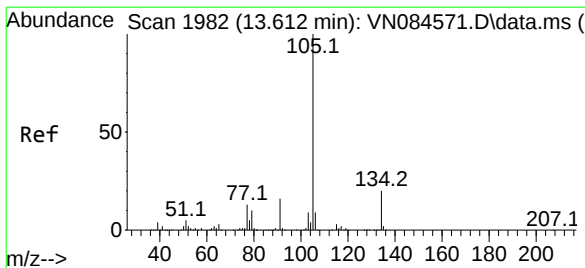


#84
1,2,4-Trimethylbenzene
Concen: 20.403 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37



Tgt Ion:105 Resp: 145692
Ion Ratio Lower Upper
105 100
120 42.7 22.3 66.8





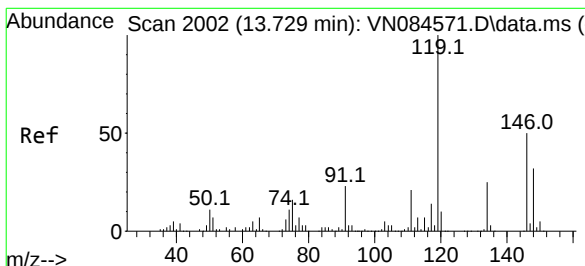
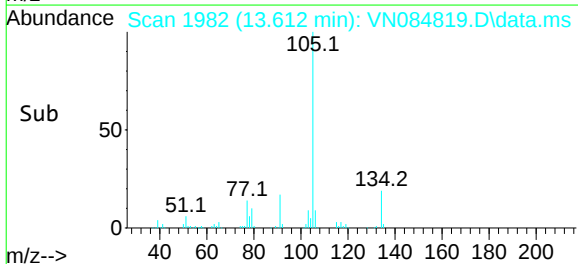
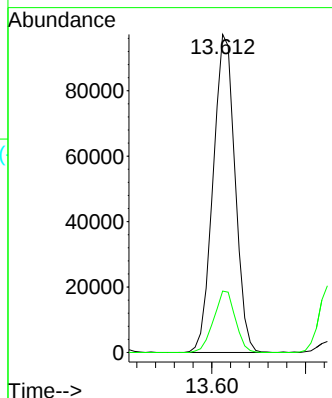
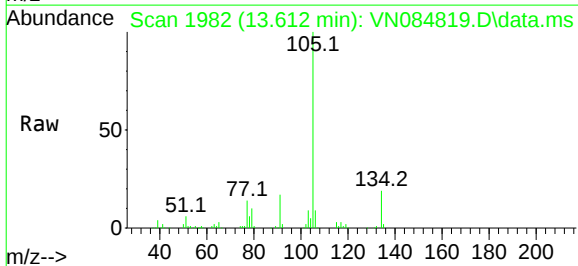
#85
 sec-Butylbenzene
 Concen: 19.511 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1113MBS01

Tgt Ion:105 Resp: 157813
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4

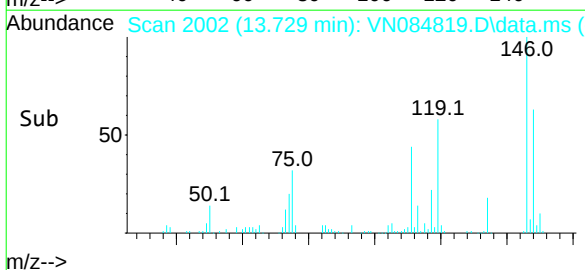
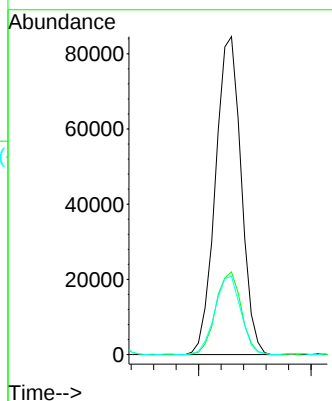
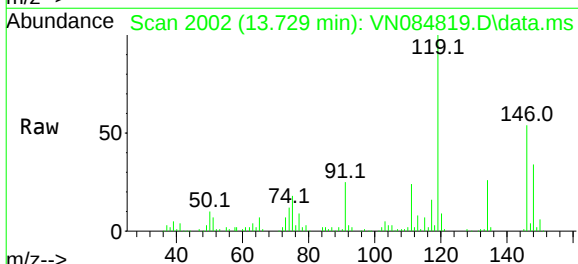
Manual Integrations
 APPROVED

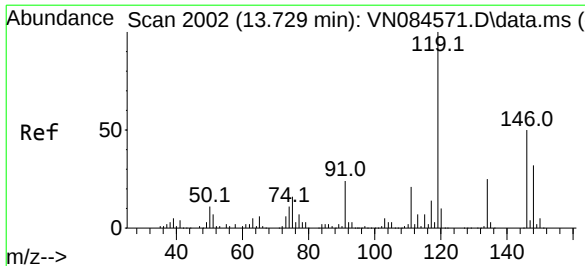
Reviewed By :John Carlone 11/14/2024
 Supervised By :Mahesh Dadoda 11/14/2024



#86
 p-Isopropyltoluene
 Concen: 20.233 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084819.D
 Acq: 13 Nov 2024 11:37

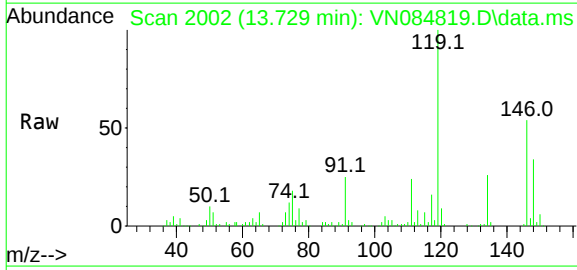
Tgt Ion:119 Resp: 134215
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 17.520 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

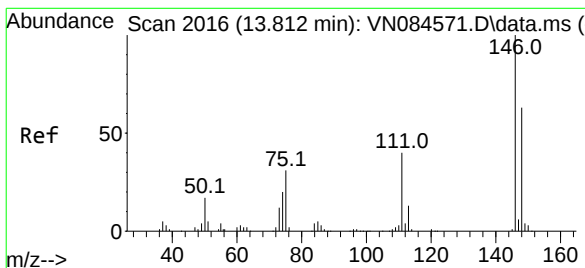
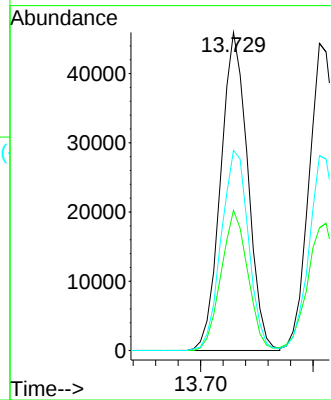
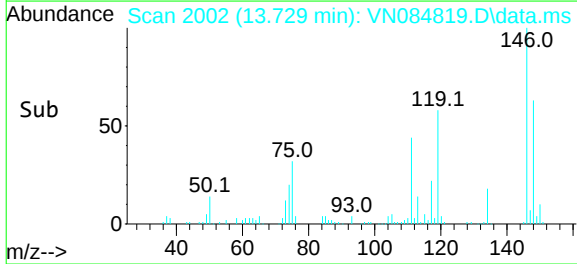
Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01



Tgt Ion:146 Resp: 76732
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 63.5 31.9 95.7

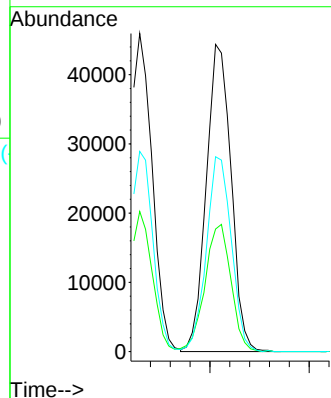
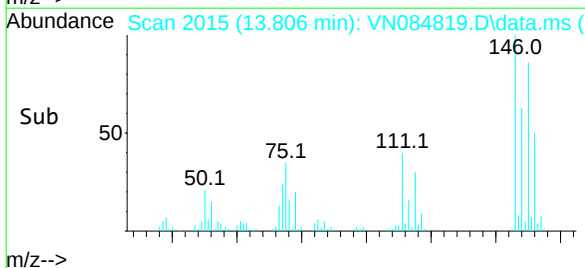
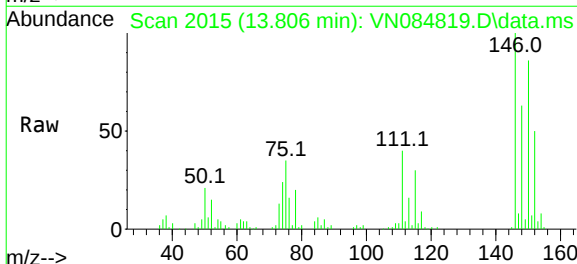
Manual Integrations
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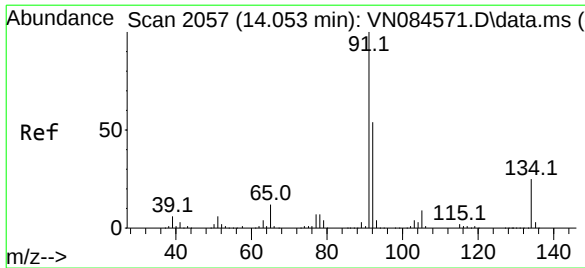
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#88
1,4-Dichlorobenzene
Concen: 18.518 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.006 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:146 Resp: 77232
Ion Ratio Lower Upper
146 100
111 43.5 21.2 63.6
148 63.9 31.9 95.9





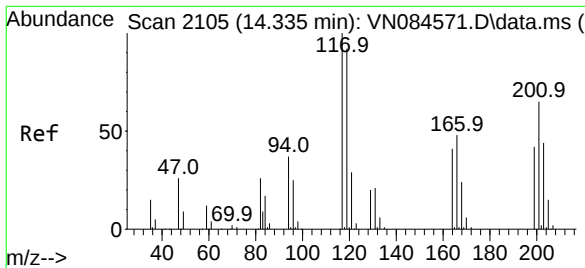
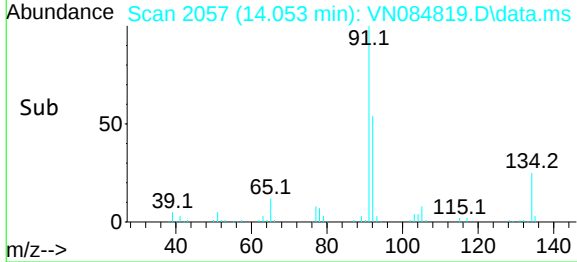
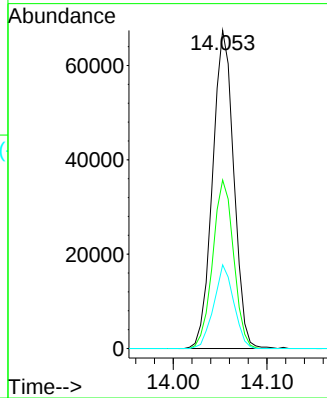
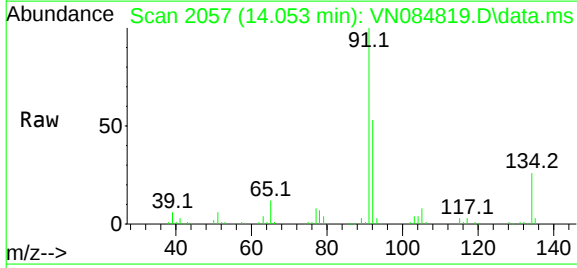
#89
n-Butylbenzene
Concen: 17.042 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion:	91	Resp:	105746
Ion Ratio	Lower	Upper	
91	100		
92	52.3	26.6	79.7
134	24.8	12.3	36.9

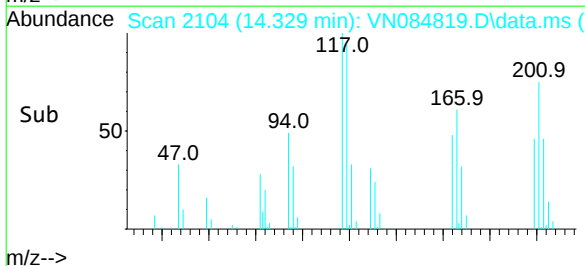
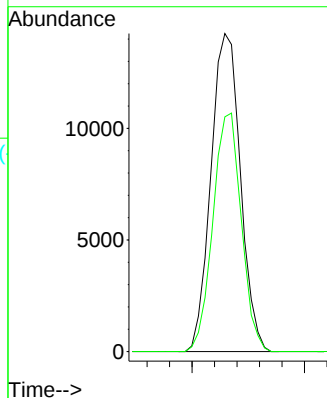
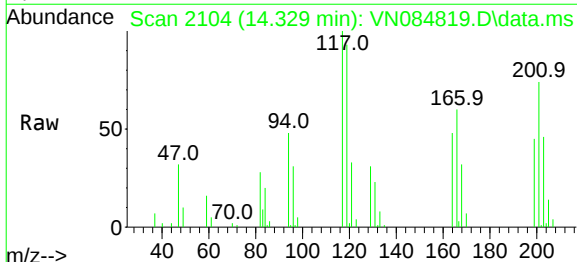
Manual Integrations
APPROVED

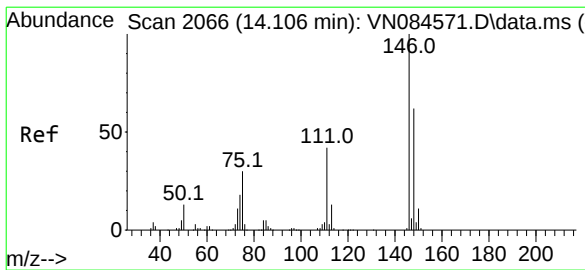
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#90
Hexachloroethane
Concen: 17.547 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion:	117	Resp:	25958
Ion Ratio	Lower	Upper	
117	100		
201	72.0	34.4	103.2





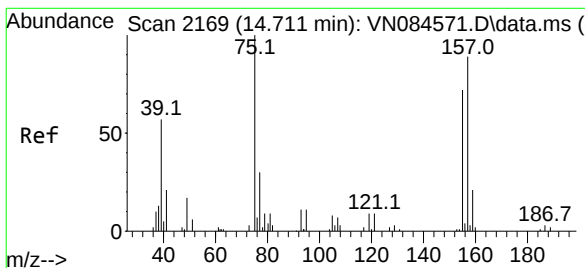
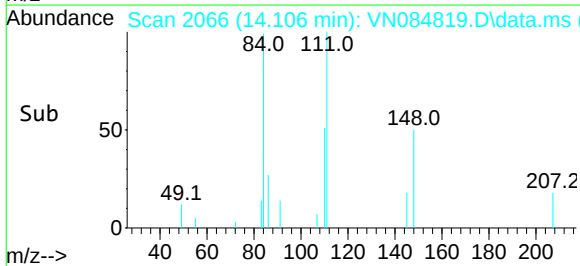
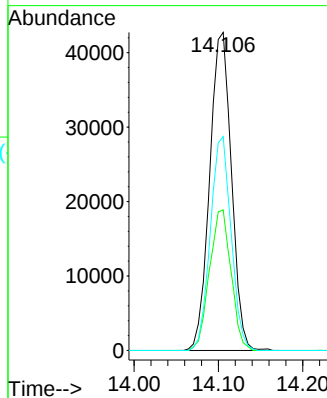
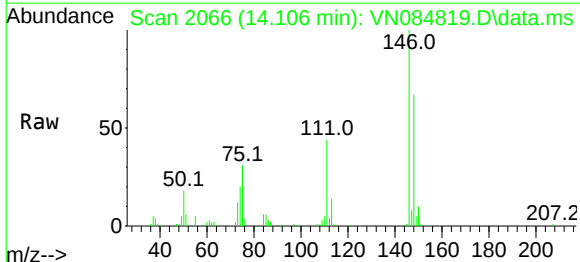
#91
1,2-Dichlorobenzene
Concen: 18.220 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN1113MBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	22.0	66.0
148	64.2	32.1	96.3

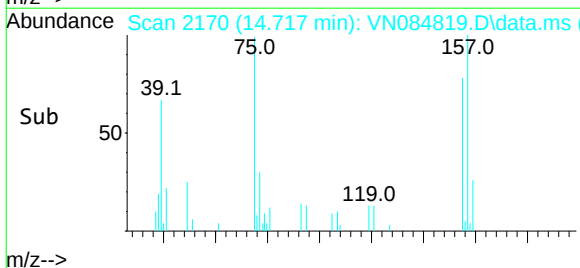
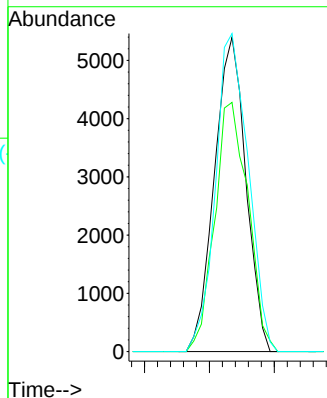
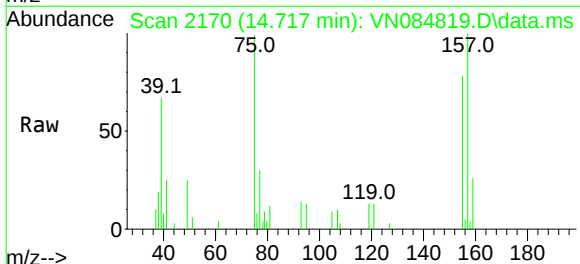
Manual Integrations
APPROVED

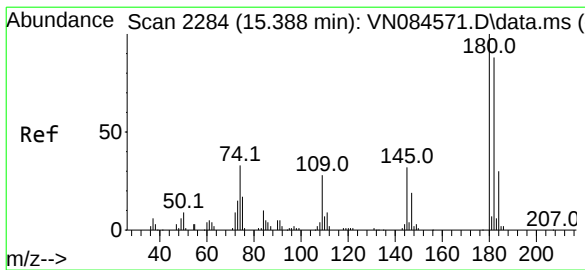
Reviewed By :John Carlone 11/14/2024
Supervised By :Mahesh Dadoda 11/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.082 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084819.D
Acq: 13 Nov 2024 11:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	38.1	114.5
157	105.1	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 15.100 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

Tgt Ion:180 Resp: 34782

Ion Ratio Lower Upper

180 100

182 97.7 47.0 141.0

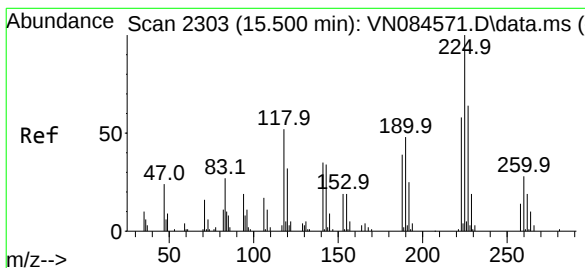
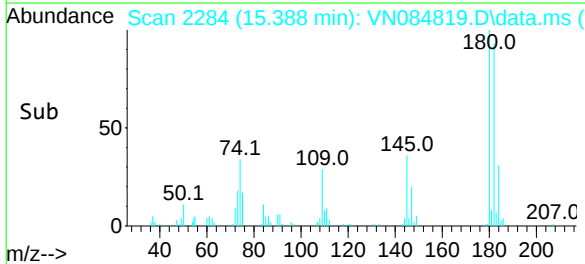
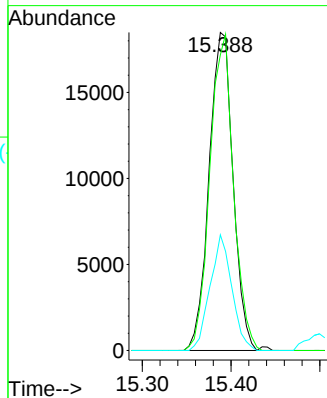
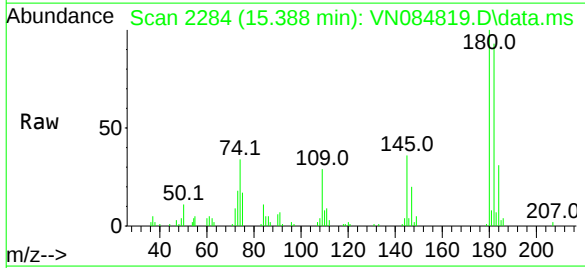
145 33.0 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#94

Hexachlorobutadiene

Concen: 17.061 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

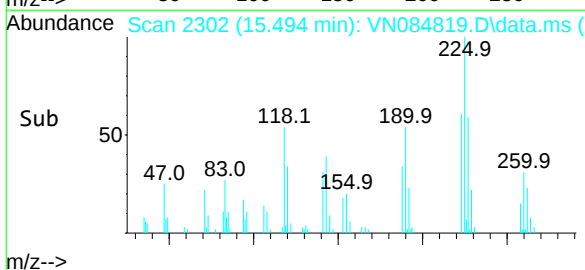
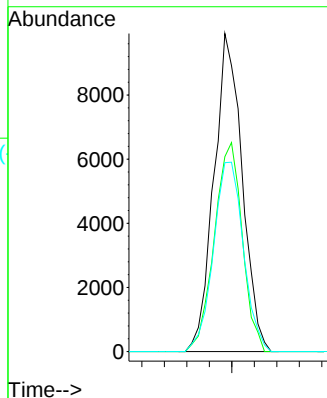
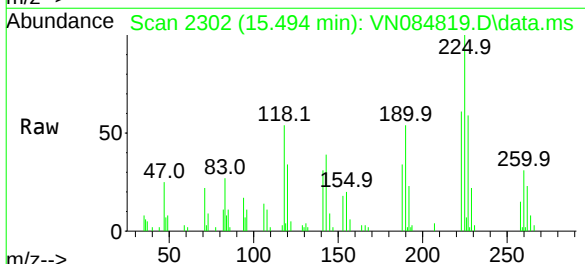
Tgt Ion:225 Resp: 17258

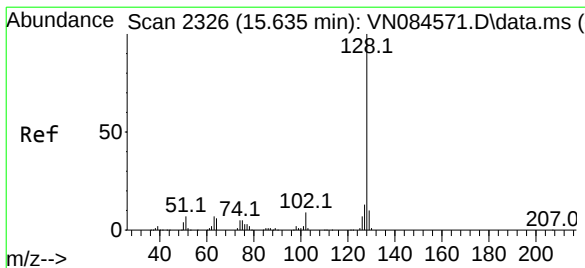
Ion Ratio Lower Upper

225 100

223 65.0 32.4 97.2

227 63.2 32.4 97.0





#95

Naphthalene

Concen: 15.311 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN1113MBS01

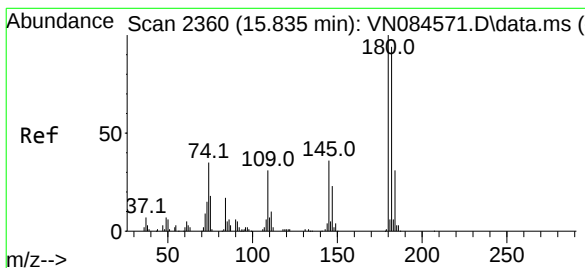
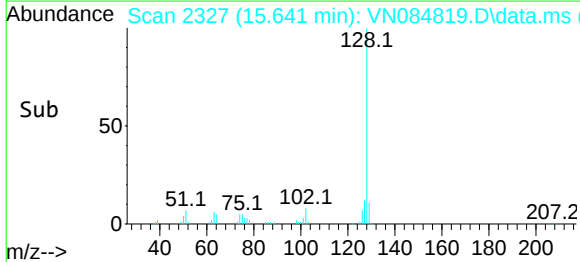
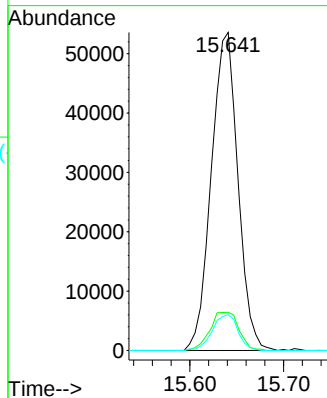
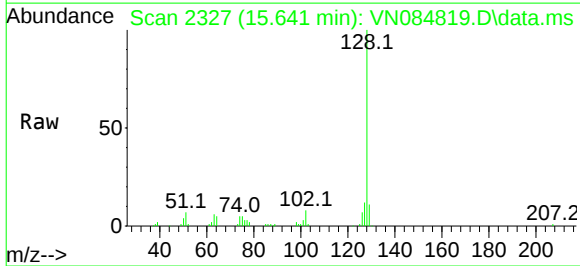
Tgt Ion:	128	Resp:	105563
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/14/2024

Supervised By :Mahesh Dadoda 11/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 15.489 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084819.D

Acq: 13 Nov 2024 11:37

Tgt Ion:	180	Resp:	34634
Ion Ratio	Lower	Upper	
180	100		
182	100.4	48.2	144.6
145	33.2	17.3	51.9

