

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083707.D
 Acq On : 09 Sep 2024 09:39
 Operator : JC\MD
 Sample : VN0909WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

09/10/2024

Supervised By :Mahesh

Dadoda

09/10/2024

Quant Time: Sep 10 01:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	29833	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175066	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	158507	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81718	29.967	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.900%		
60) 4-Bromofluorobenzene	12.847	95	78929	28.892	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.300%		
63) Toluene-d8	10.565	98	218728	29.802	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.333%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36924	18.482	ug/l	100
3) Chloromethane	2.359	50	38978	18.777	ug/l	100
4) Vinyl Chloride	2.512	62	39848	18.673	ug/l	99
5) Bromomethane	2.906	94	22581	18.940	ug/l	92
6) Chloroethane	3.083	64	30409	21.280	ug/l	100
7) Trichlorofluoromethane	3.471	101	65825	18.399	ug/l	94
8) Diethyl Ether	3.959	74	22078	18.161	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.353	101	35193	18.313	ug/l	94
10) 1,1-Dichloroethene	4.330	96	33940	18.305	ug/l	92
11) Methyl Iodide	4.583	142	44361	17.614	ug/l	96
12) Methyl Acetate	5.024	43	41644	18.623	ug/l #	83
13) Acrolein	4.171	56	34083	104.439	ug/l	98
14) Acrylonitrile	5.718	53	86614	95.714	ug/l	99
15) Acetone	4.430	58	29393	97.917	ug/l #	59
16) Carbon Disulfide	4.700	76	91111	17.387	ug/l #	93
17) Allyl chloride	5.018	41	59446	18.282	ug/l	89
18) Methylene Chloride	5.271	84	36750	18.116	ug/l	93
19) trans-1,2-Dichloroethene	5.777	96	35051	18.239	ug/l	96
20) Diisopropyl ether	6.665	45	123284	18.775	ug/l #	94
21) 1,1-Dichloroethane	6.565	63	68588	18.295	ug/l	95
22) cis-1,2-Dichloroethene	7.483	96	42364	18.112	ug/l	91
23) tert-Butyl Alcohol	5.536	59	33684m	101.436	ug/l	
24) Methyl tert-Butyl Ether	5.795	73	123203	18.698	ug/l #	88
25) Chloroform	7.965	83	73985	18.621	ug/l	97
26) Cyclohexane	8.253	56	59120	17.904	ug/l #	88
29) 1,1-Dichloropropene	8.365	75	50193	18.076	ug/l	96
30) 2-Butanone	7.483	43	132211	101.006	ug/l	94
31) 2,2-Dichloropropane	7.489	77	65724	18.565	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67912	18.313	ug/l	98
33) Carbon Tetrachloride	8.359	117	58274	18.146	ug/l	98
34) Benzene	8.600	78	155085	18.614	ug/l #	96
35) Methacrylonitrile	7.777	41	28773	19.554	ug/l	95
36) 1,2-Dichloroethane	8.665	62	58242	18.595	ug/l #	94
37) Trichloroethene	9.347	130	34530	17.649	ug/l	91
38) Methylcyclohexane	9.600	83	58498	17.596	ug/l	95
39) 1,2-Dichloropropane	9.618	63	36364	18.135	ug/l	99
40) Dibromomethane	9.706	93	26753	18.247	ug/l	94
41) Bromodichloromethane	9.888	83	57105	18.316	ug/l	99
42) Vinyl Acetate	6.600	43	469486	87.237	ug/l	97

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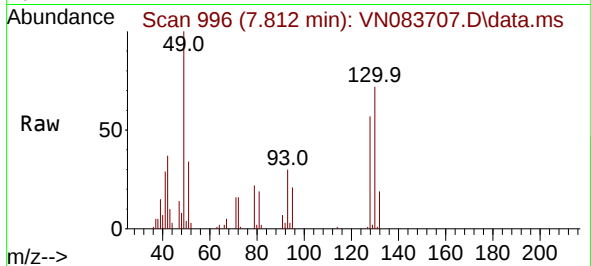
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.553	43	50334	19.105	ug/l	96
44) Isopropyl Acetate	8.688	43	85650	18.796	ug/l	94
45) 1,4-Dioxane	9.694	88	13825	388.980	ug/l	91
46) Methyl methacrylate	9.682	41	41695	18.904	ug/l	82
47) n-amyl Acetate	12.494	43	76508	18.954	ug/l	91
48) t-1,3-Dichloropropene	10.835	75	58257	17.764	ug/l	93
49) cis-1,3-Dichloropropene	10.312	75	59900	17.563	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	34819	18.663	ug/l	97
51) Ethyl methacrylate	10.871	69	58239	18.272	ug/l	77
52) 1,3-Dichloropropane	11.159	76	62684	18.605	ug/l	99
53) Dibromochloromethane	11.359	129	40594	18.141	ug/l	99
54) 1,2-Dibromoethane	11.471	107	36336	18.826	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	128283	100.989	ug/l	99
56) Bromoform	12.576	173	24827	17.463	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	247335	98.410	ug/l #	88
59) 2-Hexanone	11.194	43	191280	100.722	ug/l	87
61) Tetrachloroethene	11.100	164	29682	17.694	ug/l	96
62) Toluene	10.629	91	165466	18.162	ug/l	99
64) Chlorobenzene	11.888	112	100001	17.728	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	35961	18.301	ug/l	98
66) Ethyl Benzene	11.965	91	179613	17.336	ug/l	100
67) m/p-Xylenes	12.071	106	134763	35.354	ug/l	98
68) o-Xylene	12.400	106	66162	17.934	ug/l	98
69) Styrene	12.412	104	108009	17.327	ug/l	98
70) Isopropylbenzene	12.694	105	172529	17.722	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	49715	18.697	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	44536m	19.103	ug/l	
73) Bromobenzene	12.982	156	39028	17.453	ug/l	92
74) n-propylbenzene	13.035	91	194925	17.104	ug/l	100
75) 2-Chlorotoluene	13.123	91	121355	17.061	ug/l	96
76) 1,3,5-Trimethylbenzene	13.170	105	145775	17.925	ug/l	96
77) t-1,4-Dichloro-2-butene	12.735	75	18190	18.459	ug/l	78
78) 4-Chlorotoluene	13.223	91	121506	16.844	ug/l	99
79) tert-butylbenzene	13.435	119	127376	17.912	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	146336	17.807	ug/l	100
81) sec-Butylbenzene	13.612	105	168987	17.395	ug/l	100
82) p-Isopropyltoluene	13.729	119	142180	17.395	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	71513	16.616	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	72270	16.796	ug/l	99
85) n-Butylbenzene	14.053	91	119627	16.585	ug/l	98
86) Hexachloroethane	14.335	117	27442	17.717	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	72527	17.364	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11147	19.075	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	37935	16.578	ug/l	98
90) Hexachlorobutadiene	15.500	225	16342	17.254	ug/l	98
91) Naphthalene	15.641	128	124740	16.674	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	37935	16.578	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

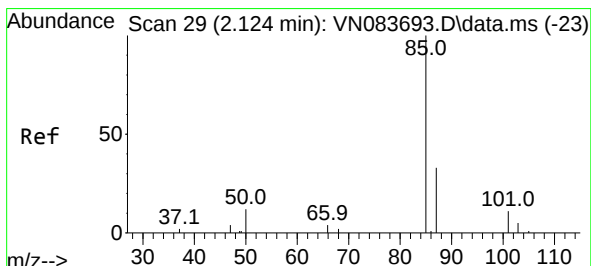
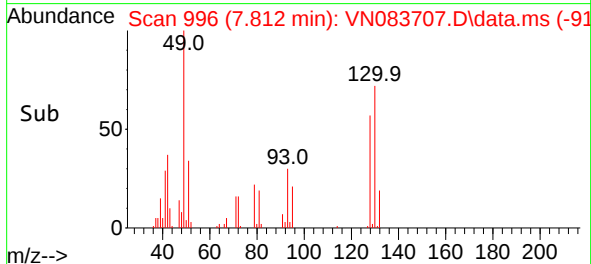
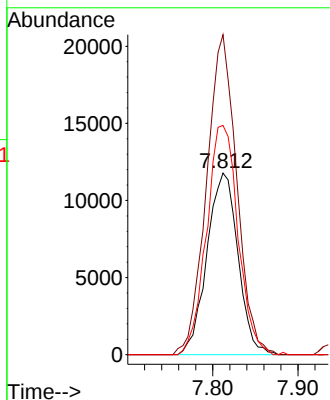


Tgt Ion:128 Resp: 2983
Ion Ratio Lower Upper
128 100
49 171.2 0.0 403.7
130 128.1 0.0 323.3

Manual Integrations
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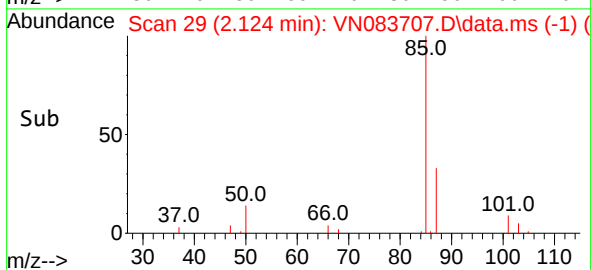
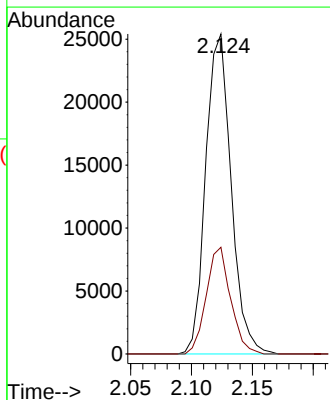
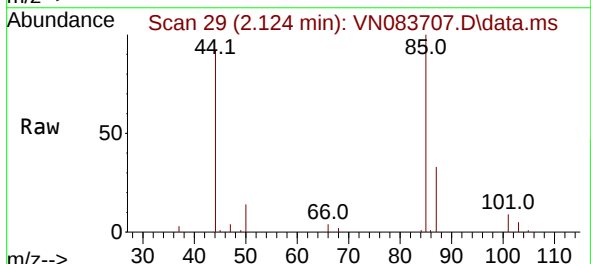
Reviewed By :John
Carlone
09/10/2024

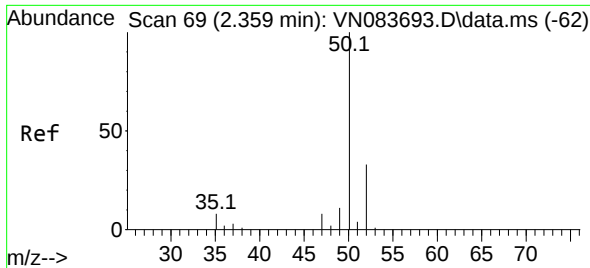
Supervised By :Mahesh
Dadoda
09/10/2024



#2
Dichlorodifluoromethane
Concen: 18.482 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

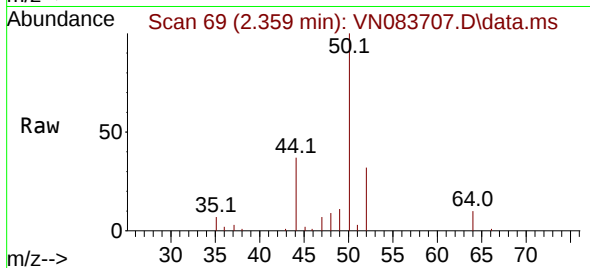
Tgt Ion: 85 Resp: 36924
Ion Ratio Lower Upper
85 100
87 33.4 16.8 50.3





#3
Chloromethane
Concen: 18.777 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

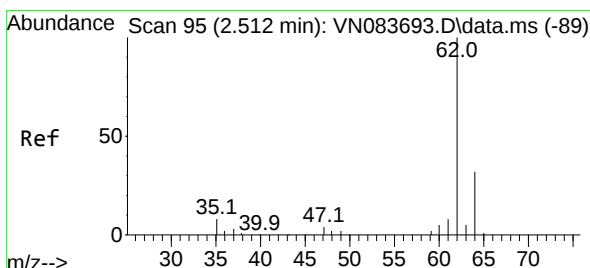
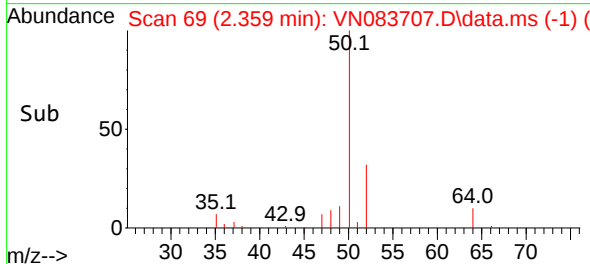
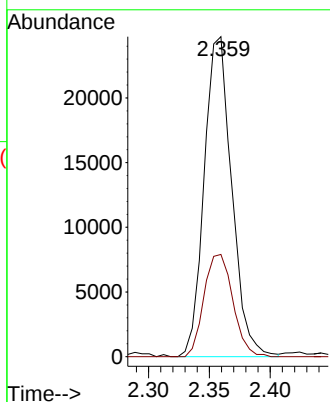


Tgt Ion: 50 Resp: 38978
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.0

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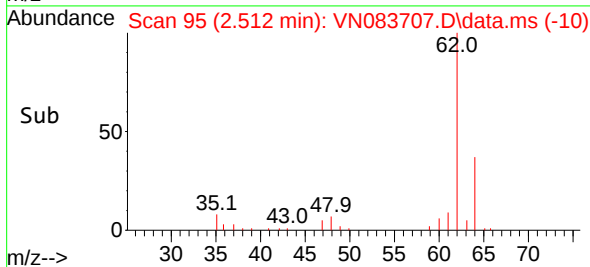
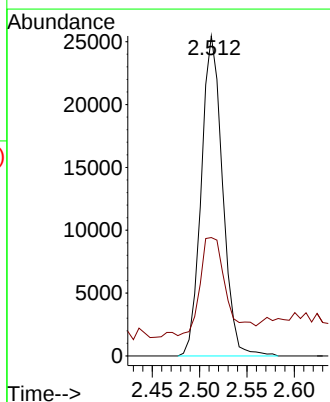
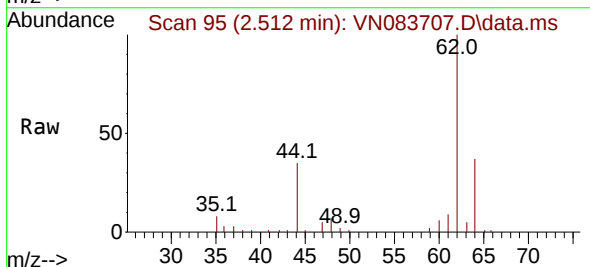
Reviewed By :John
Carlone
09/10/2024

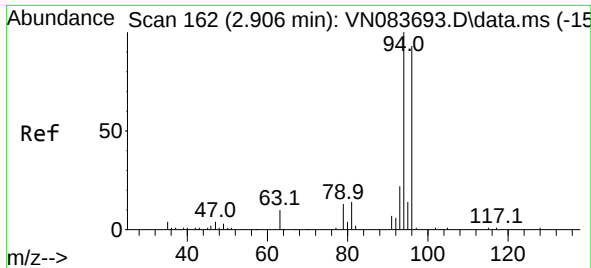
Supervised By :Mahesh
Dadoda
09/10/2024



#4
Vinyl Chloride
Concen: 18.673 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

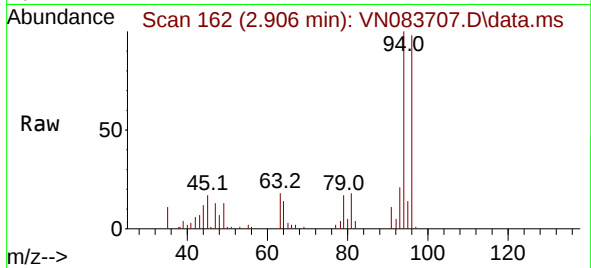
Tgt Ion: 62 Resp: 39848
Ion Ratio Lower Upper
62 100
64 30.7 24.1 36.1





#5
Bromomethane
Concen: 18.940 ug/l
RT: 2.906 min Scan# 162
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

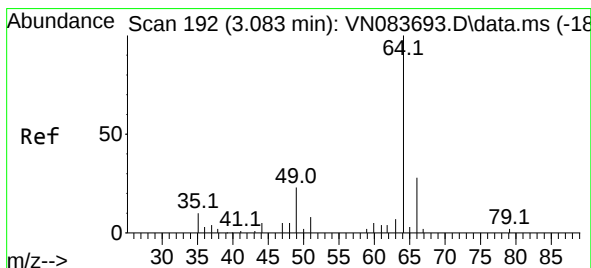
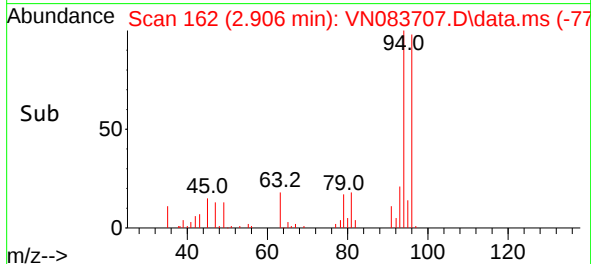
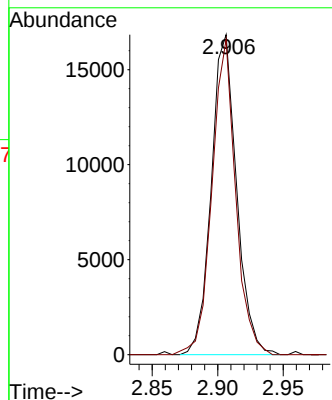


Tgt Ion: 94 Resp: 2258
Ion Ratio Lower Upper
94 100
96 98.5 72.8 109.2

Manual Integrations
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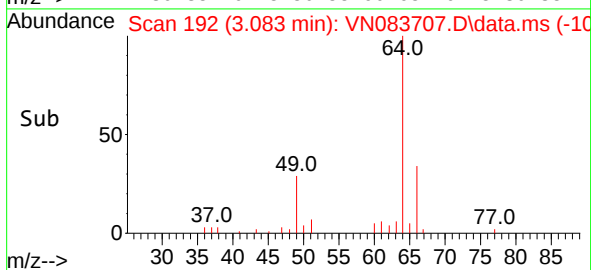
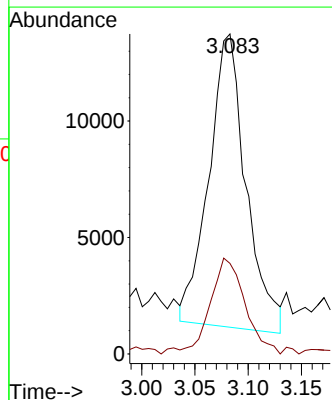
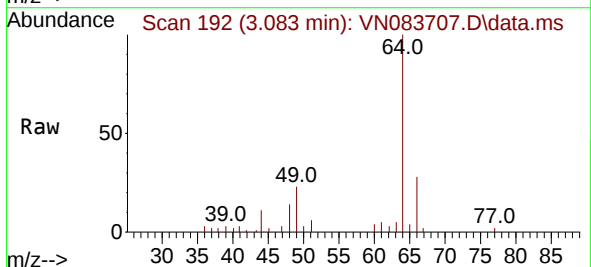
Reviewed By :John
Carlone
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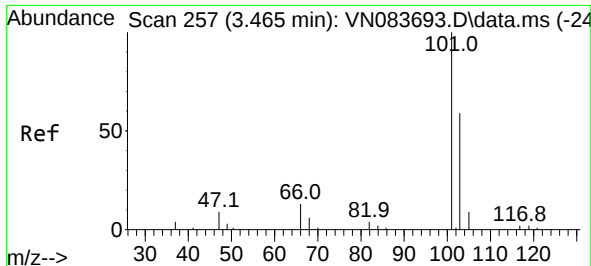
Supervised By :Mahesh
Dadoda
09/10/2024



#6
Chloroethane
Concen: 21.280 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

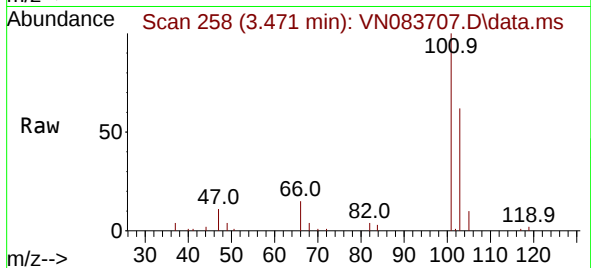
Tgt Ion: 64 Resp: 30409
Ion Ratio Lower Upper
64 100
66 33.2 26.7 40.1





#7
Trichlorofluoromethane
Concen: 18.399 ug/l
RT: 3.471 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

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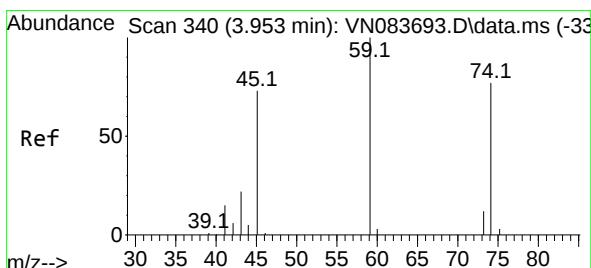
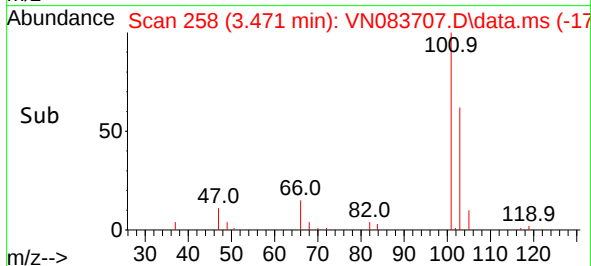
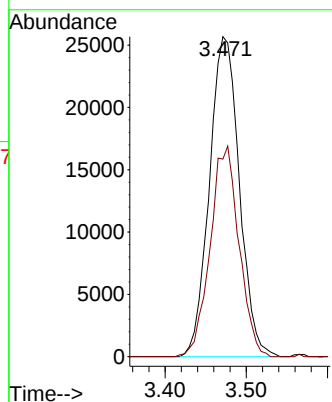


Tgt Ion:101 Resp: 65829
Ion Ratio Lower Upper
101 100
103 61.7 53.0 79.4

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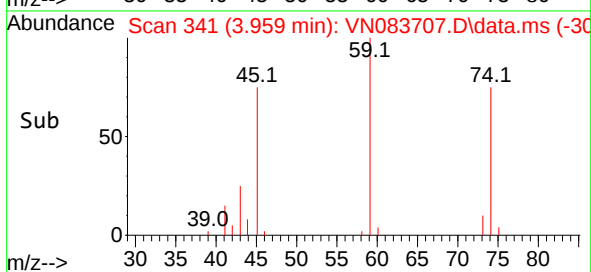
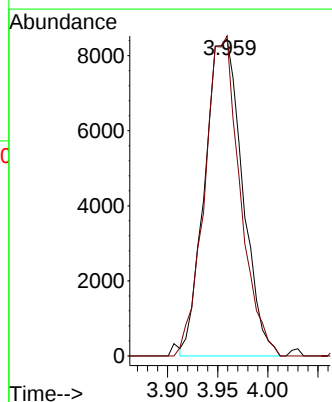
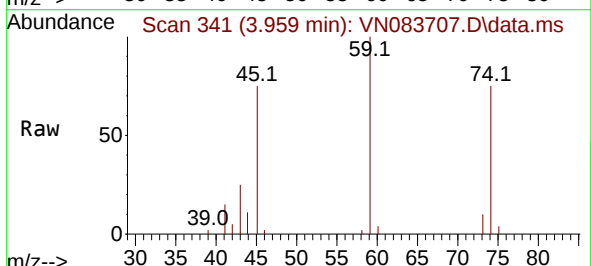
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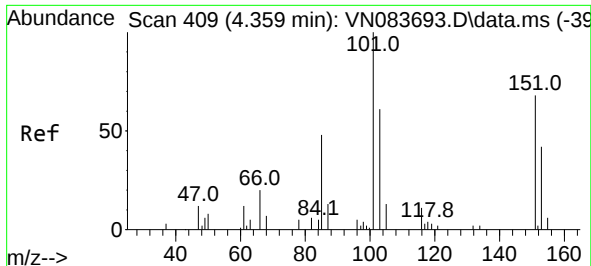
Supervised By :Mahesh
Dadoda
09/10/2024



#8
Diethyl Ether
Concen: 18.161 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

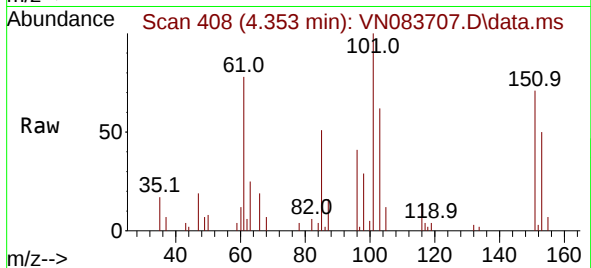
Tgt Ion: 74 Resp: 22078
Ion Ratio Lower Upper
74 100
45 94.8 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.313 ug/l
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

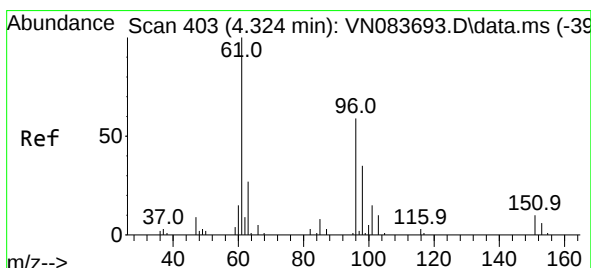
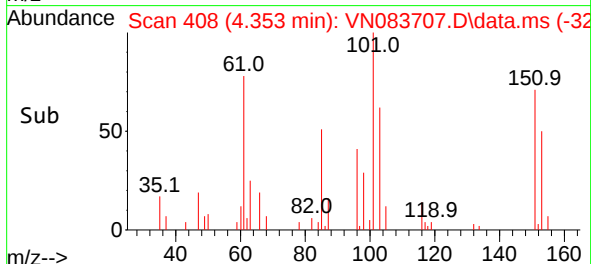
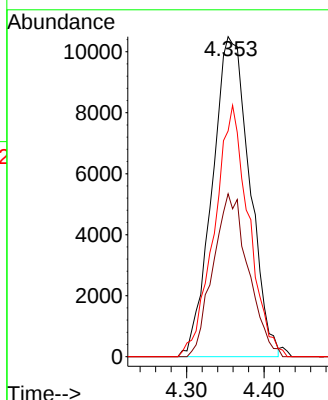


Tgt Ion:101 Resp: 3519
Ion Ratio Lower Upper
101 100
85 47.8 0.0 90.6
151 72.3 0.0 157.6

Manual Integrations
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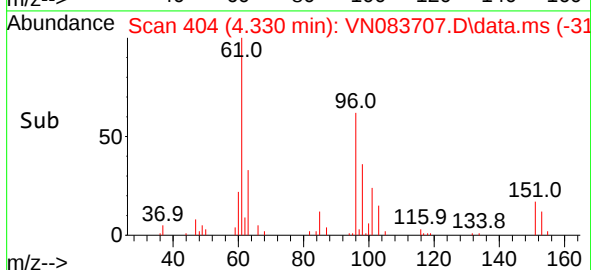
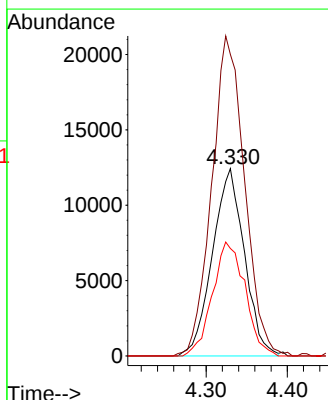
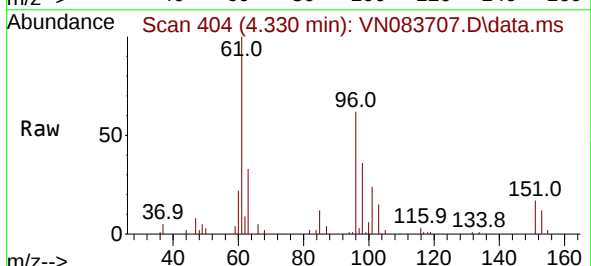
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Carlone
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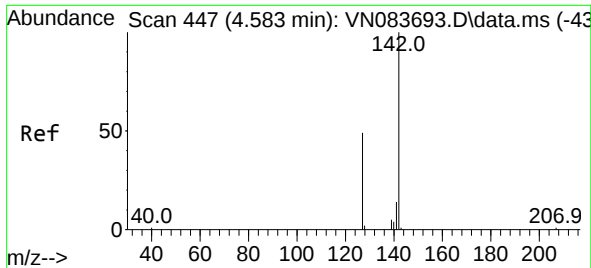
Supervised By :Mahesh
Dadoda
09/10/2024



#10
1,1-Dichloroethene
Concen: 18.305 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

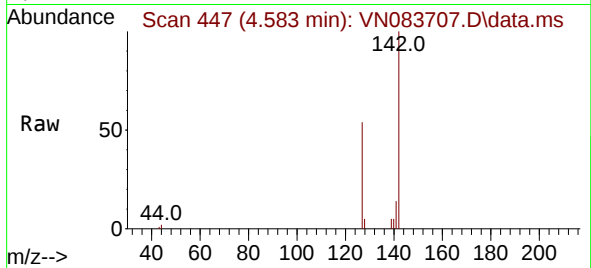
Tgt Ion: 96 Resp: 33940
Ion Ratio Lower Upper
96 100
61 159.6 117.6 176.4
98 57.4 48.4 72.6





#11
Methyl Iodide
Concen: 17.614 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

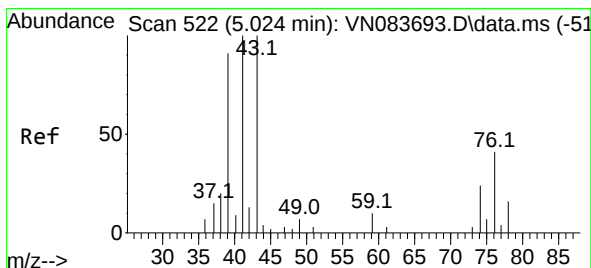
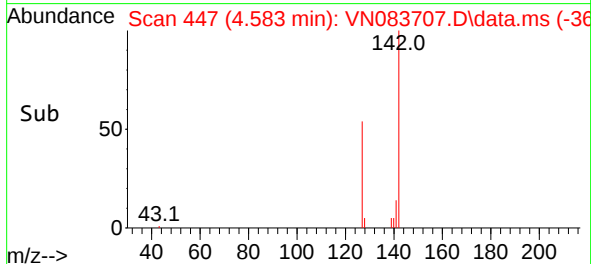
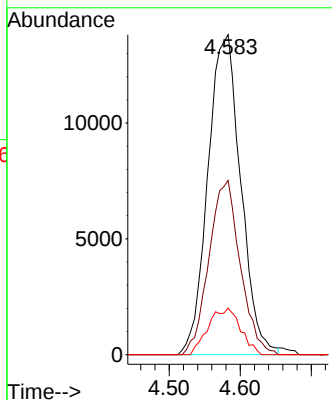


Tgt Ion:142 Resp: 4436
Ion Ratio Lower Upper
142 100
127 55.0 26.3 78.9
141 14.7 8.3 24.9

Manual Integrations
APPROVED

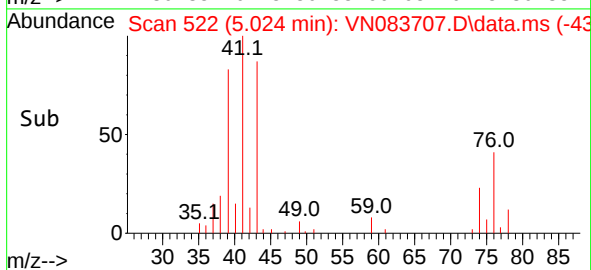
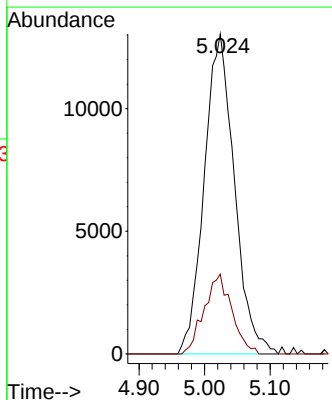
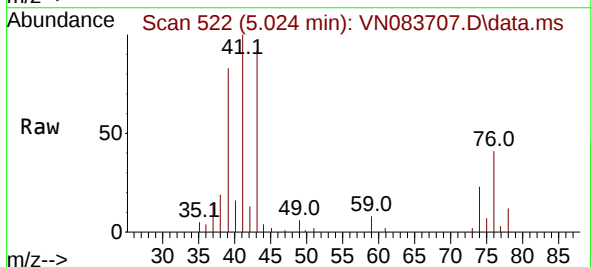
Reviewed By :John
Carlone
09/10/2024

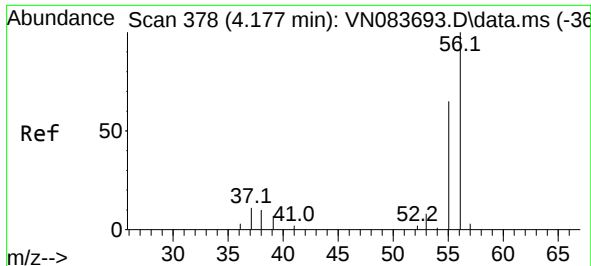
Supervised By :Mahesh
Dadoda
09/10/2024



#12
Methyl Acetate
Concen: 18.623 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion: 43 Resp: 41644
Ion Ratio Lower Upper
43 100
74 24.9 27.7 41.5#





#13

Acrolein

Concen: 104.439 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 56 Resp: 3408

Ion Ratio Lower Upper

56 100

55 70.7 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John

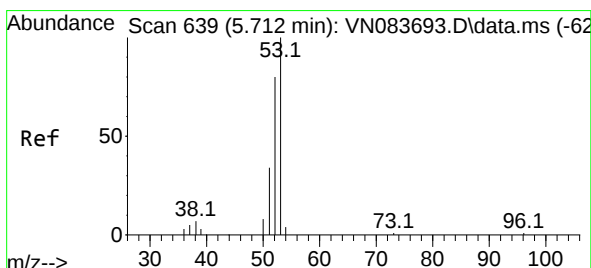
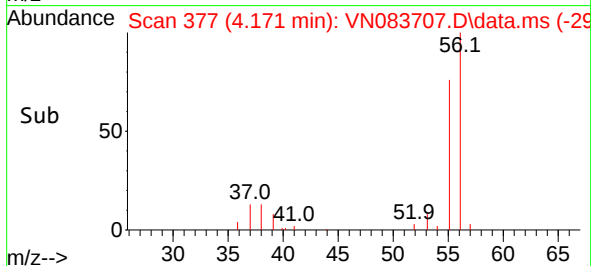
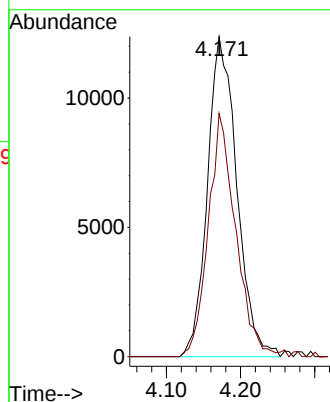
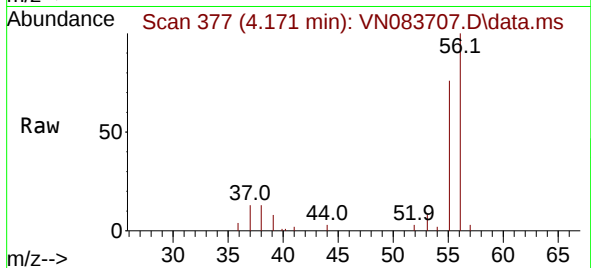
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#14

Acrylonitrile

Concen: 95.714 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

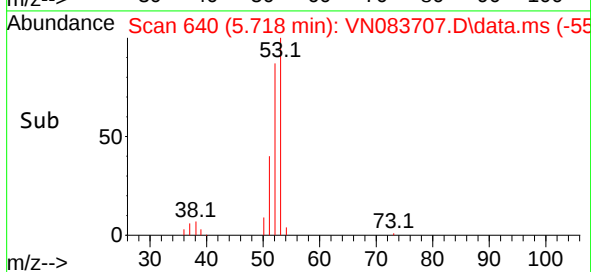
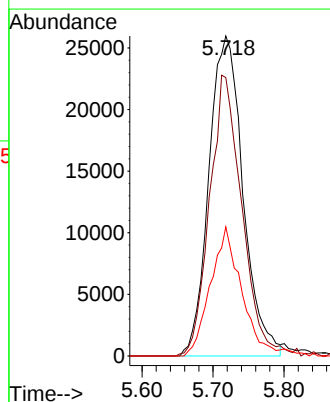
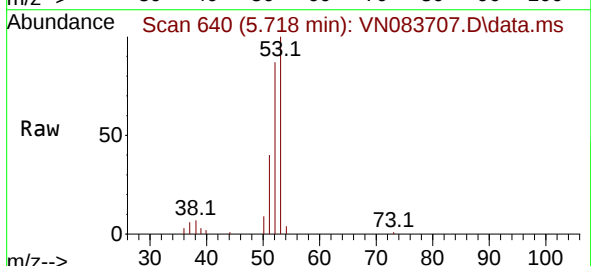
Tgt Ion: 53 Resp: 86614

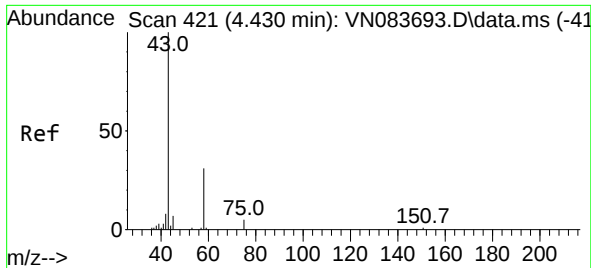
Ion Ratio Lower Upper

53 100

52 82.7 41.3 123.9

51 36.3 16.8 50.3





#15

Acetone

Concen: 97.917 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 58 Resp: 2939
 Ion Ratio Lower Upper
 58 100
 43 355.7 223.1 334.7

Manual Integrations

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Reviewed By :John

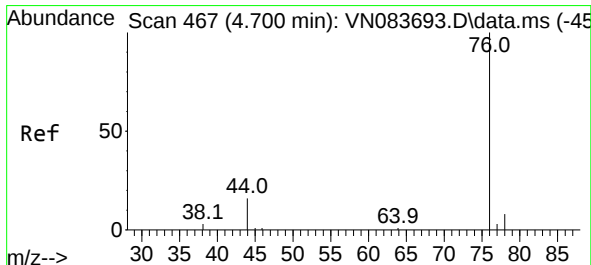
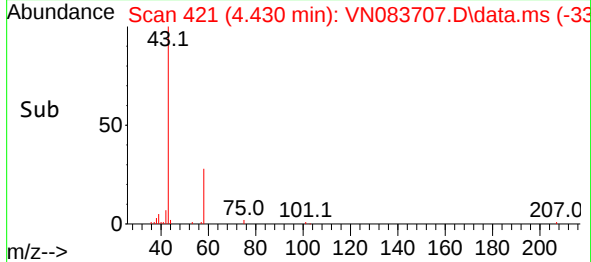
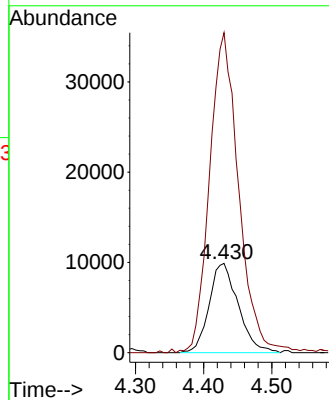
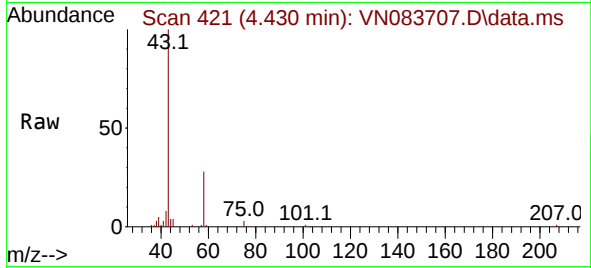
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Supervised By :Mahesh

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#16

Carbon Disulfide

Concen: 17.387 ug/l

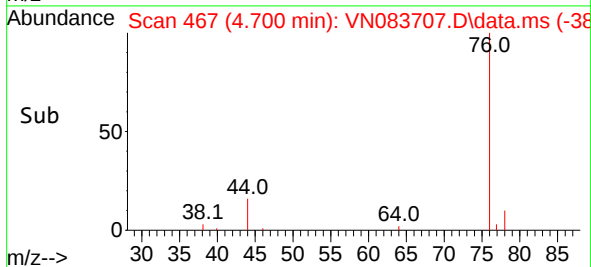
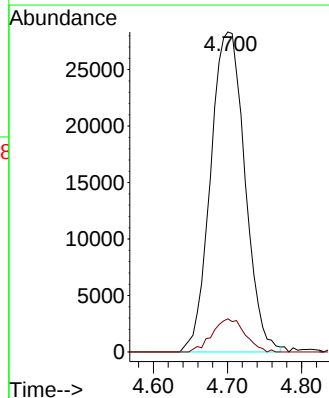
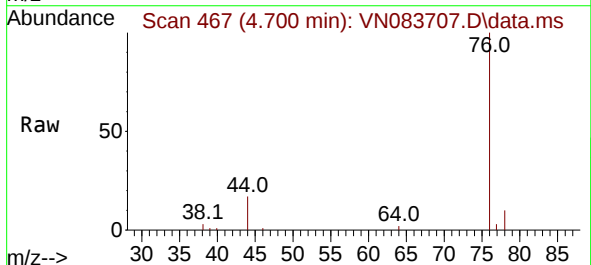
RT: 4.700 min Scan# 467

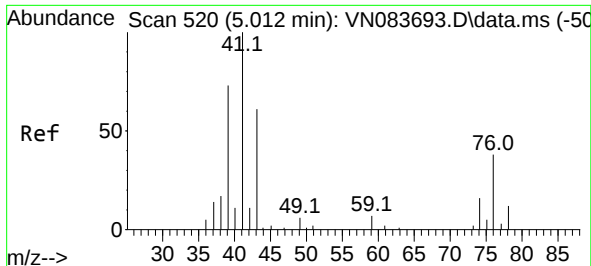
Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Tgt Ion: 76 Resp: 91111
 Ion Ratio Lower Upper
 76 100
 78 10.4 6.3 9.5





#17

Allyl chloride

Concen: 18.282 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083707.D

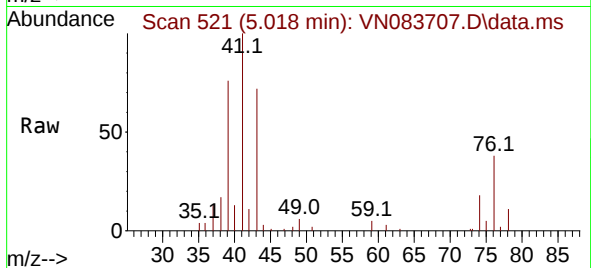
Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01



Tgt Ion: 41 Resp: 5944

Ion Ratio Lower Upper

41 100

39 75.6 37.6 112.9

76 37.9 27.8 83.4

Manual Integrations

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Reviewed By :John

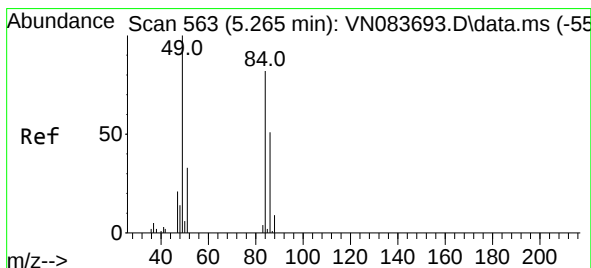
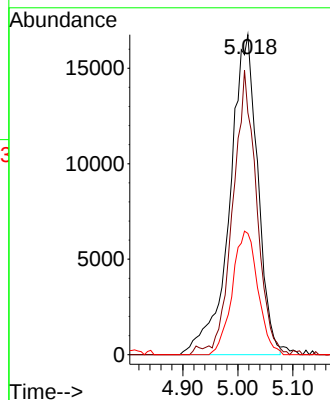
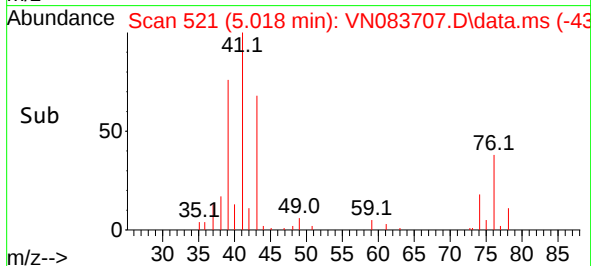
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09/10/2024



#18

Methylene Chloride

Concen: 18.116 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Tgt Ion: 84 Resp: 36750

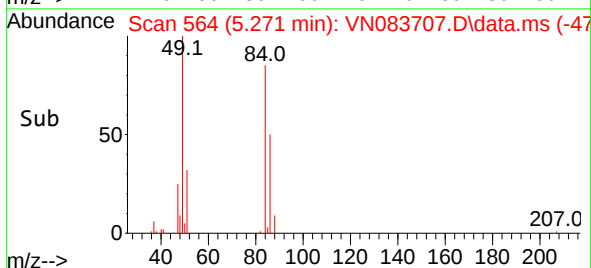
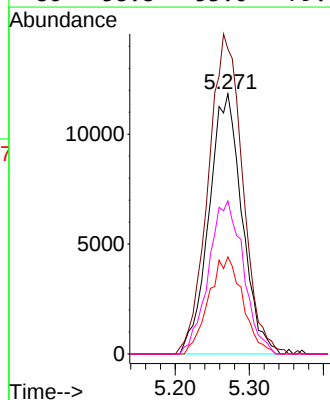
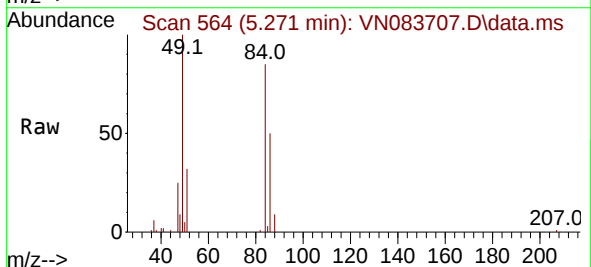
Ion Ratio Lower Upper

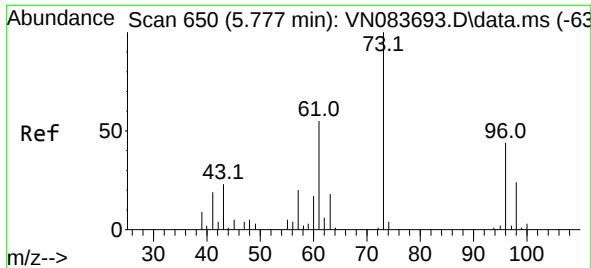
84 100

49 115.5 86.0 129.0

51 37.3 30.0 45.0

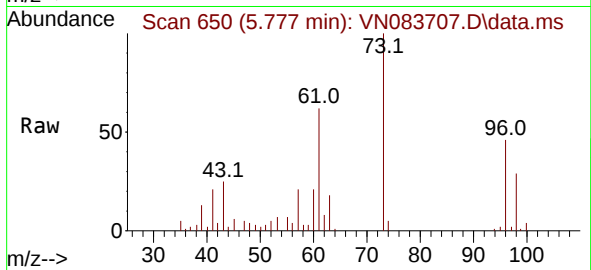
86 58.8 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 18.239 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

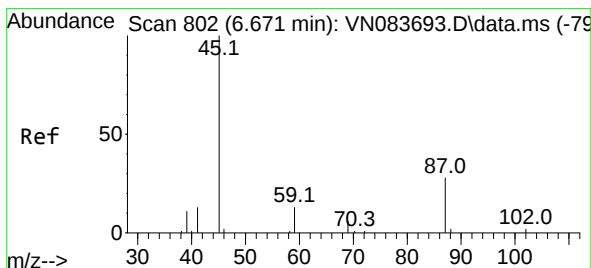
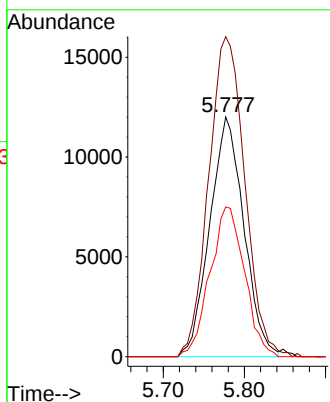
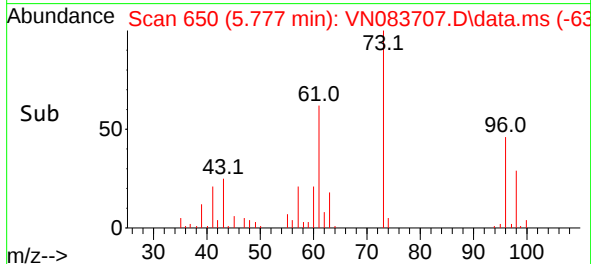


Tgt Ion: 96 Resp: 3505
Ion Ratio Lower Upper
96 100
61 133.5 111.8 167.6
98 62.5 49.2 73.8

Manual Integrations
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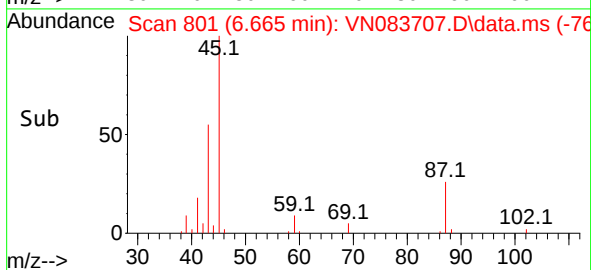
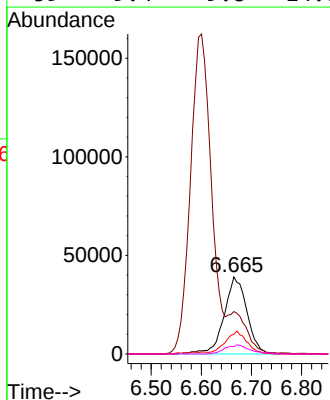
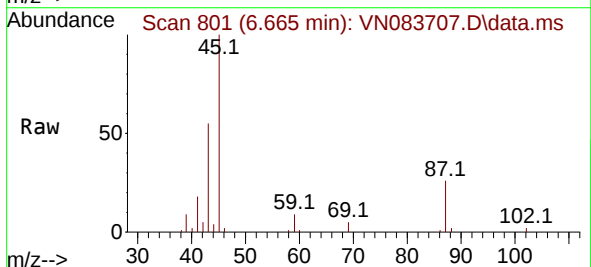
Reviewed By :John
Carlone
09/10/2024

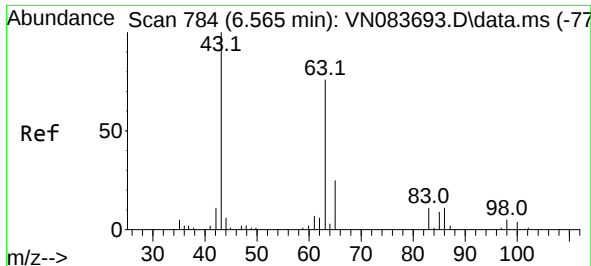
Supervised By :Mahesh
Dadoda
09/10/2024



#20
Diisopropyl ether
Concen: 18.775 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

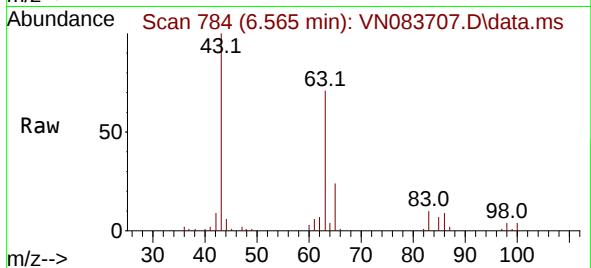
Tgt Ion: 45 Resp: 123284
Ion Ratio Lower Upper
45 100
43 54.0 40.4 60.6
87 25.6 23.8 35.8
59 9.4 9.8 14.6#





#21
1,1-Dichloroethane
Concen: 18.295 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

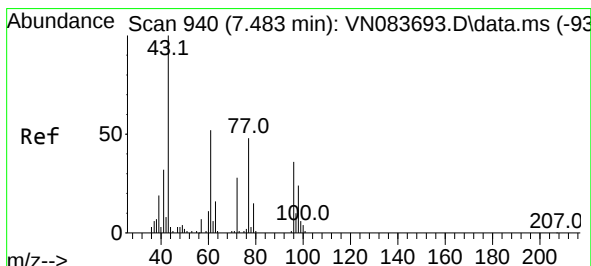
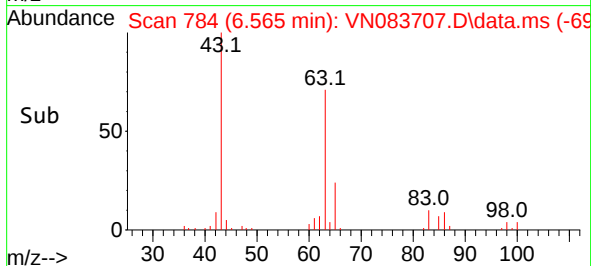
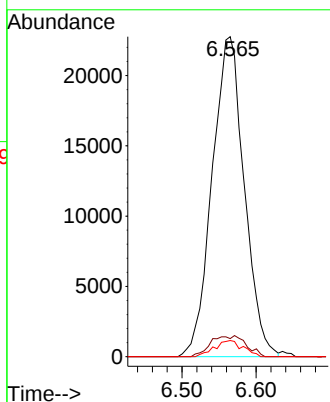


Tgt Ion: 63 Resp: 6858
Ion Ratio Lower Upper
63 100
98 5.7 4.1 12.3
100 5.1 3.0 9.0

Manual Integrations
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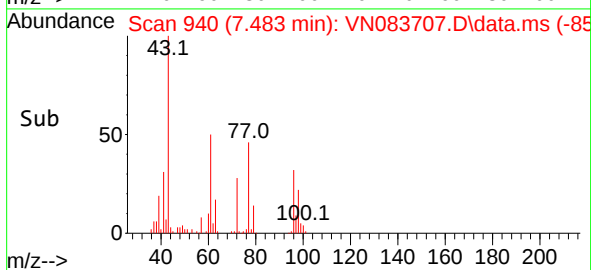
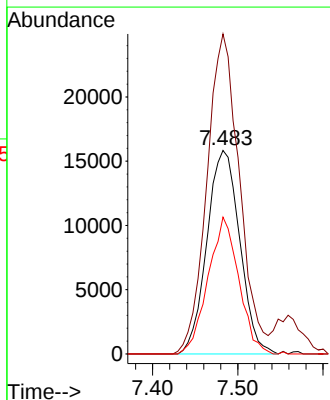
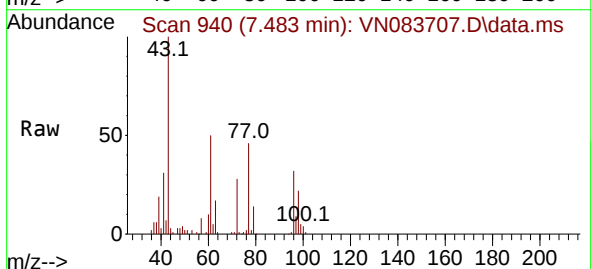
Reviewed By :John
Carlone
09/10/2024

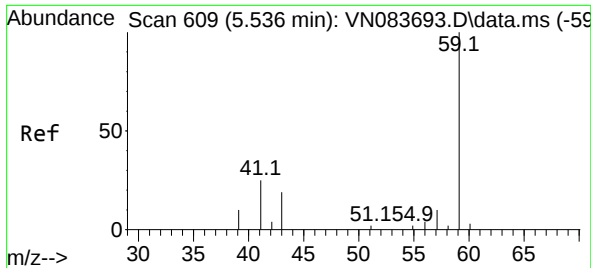
Supervised By :Mahesh
Dadoda
09/10/2024



#22
cis-1,2-Dichloroethene
Concen: 18.112 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

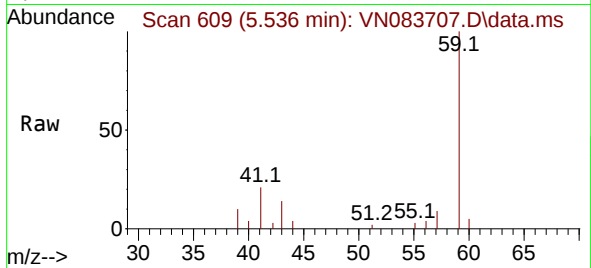
Tgt Ion: 96 Resp: 42364
Ion Ratio Lower Upper
96 100
61 156.0 113.5 170.3
98 62.9 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 101.436 ug/l m
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

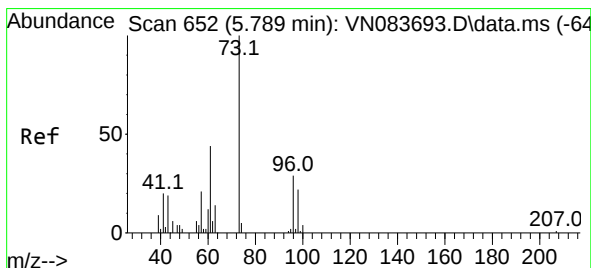
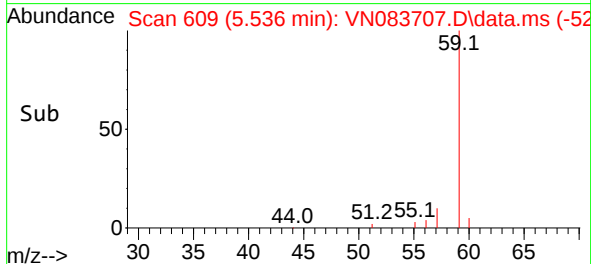
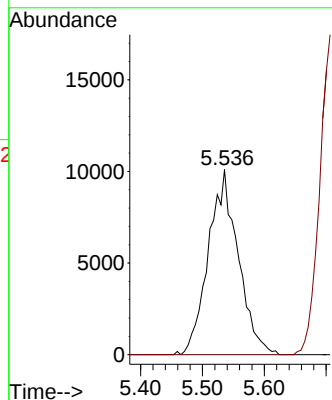


Tgt Ion: 59 Resp: 33684
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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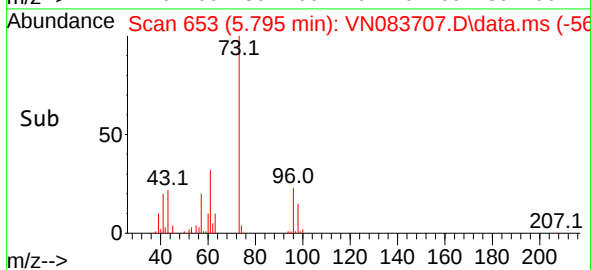
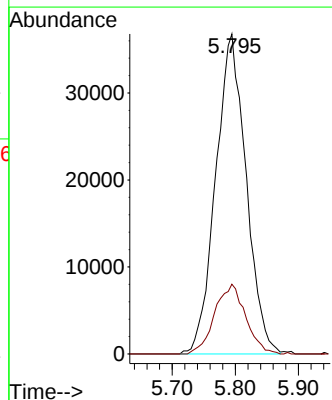
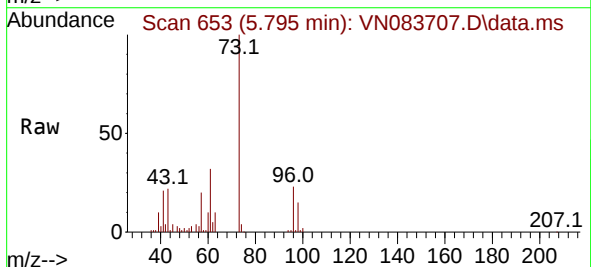
Reviewed By :John
Carlone
09/10/2024

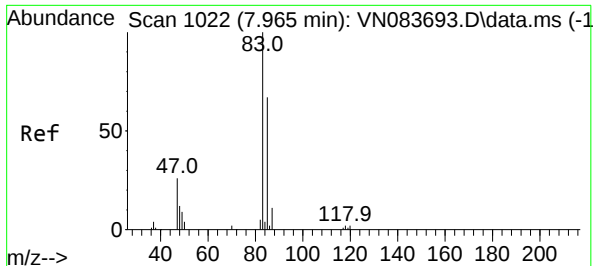
Supervised By :Mahesh
Dadoda
09/10/2024



#24
Methyl tert-Butyl Ether
Concen: 18.698 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

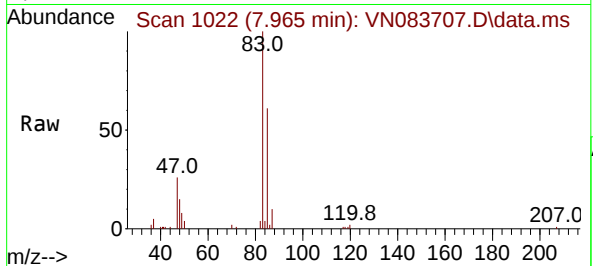
Tgt Ion: 73 Resp: 123203
Ion Ratio Lower Upper
73 100
43 22.1 13.4 20.2#





#25
Chloroform
Concen: 18.621 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

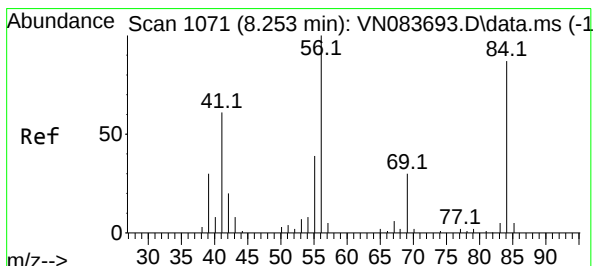
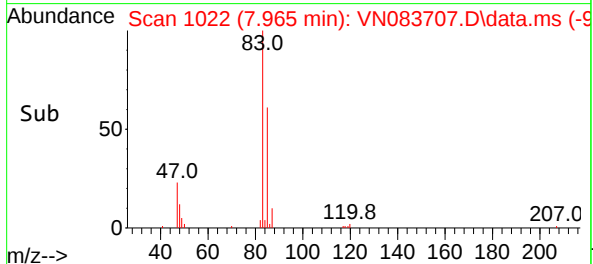
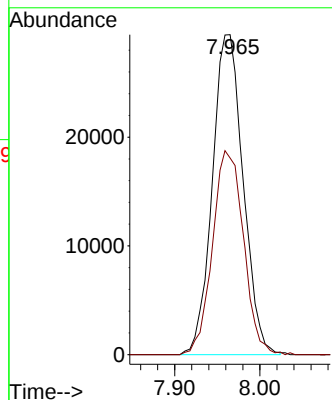


Tgt Ion: 83 Resp: 73985
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3

Manual Integrations
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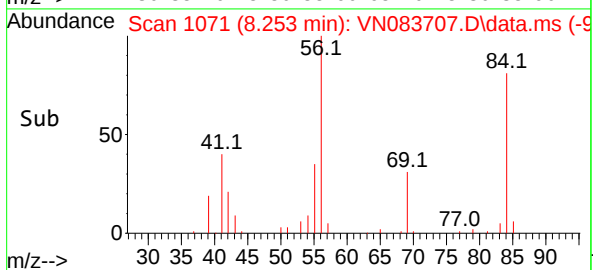
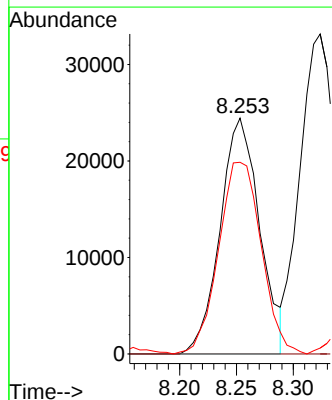
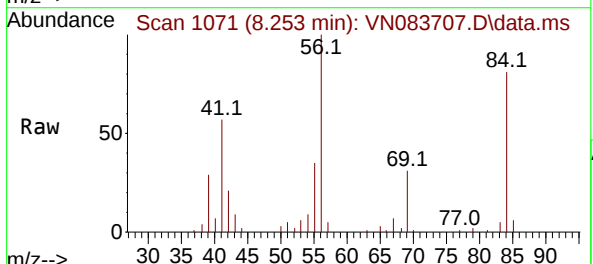
Reviewed By :John
Carlone
09/10/2024

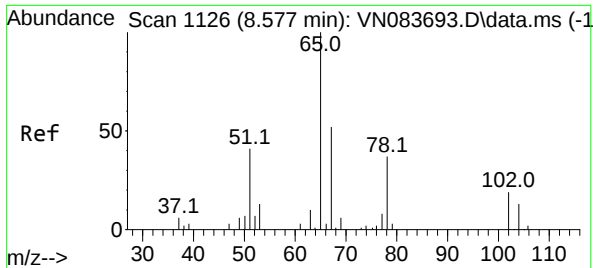
Supervised By :Mahesh
Dadoda
09/10/2024



#26
Cyclohexane
Concen: 17.904 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

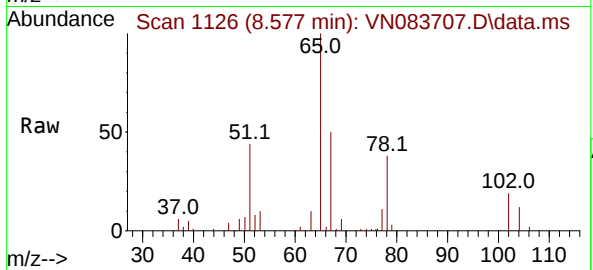
Tgt Ion: 56 Resp: 59120
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 87.7 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.967 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

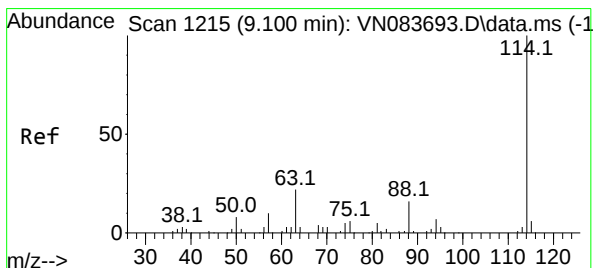
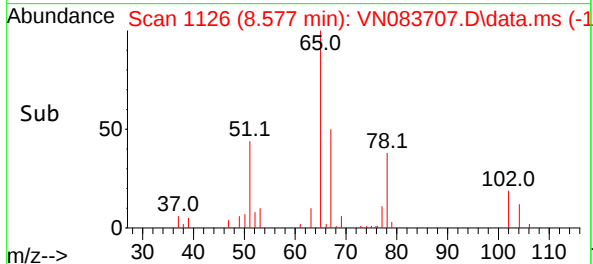
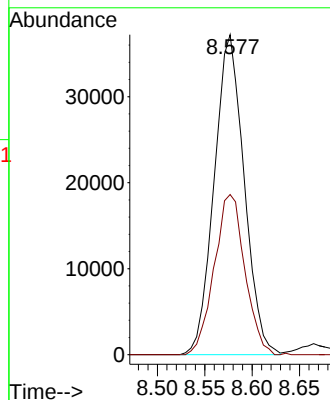


Tgt Ion: 65 Resp: 81718
Ion Ratio Lower Upper
65 100
67 51.2 43.2 64.8

Manual Integrations
APPROVED

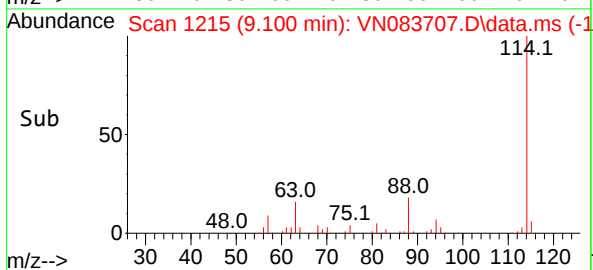
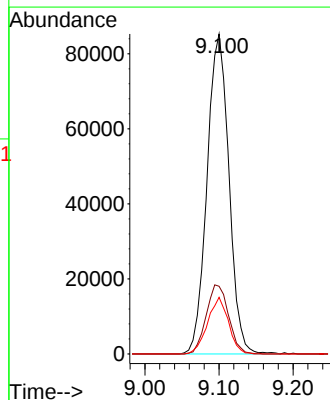
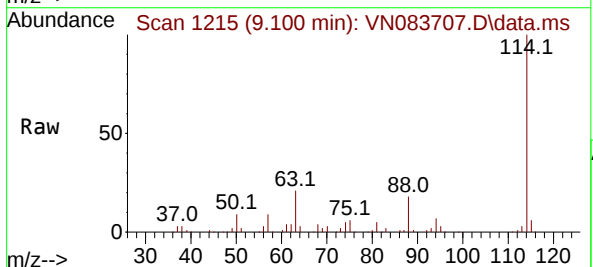
Reviewed By :John
Carlone
09/10/2024

Supervised By :Mahesh
Dadoda
09/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion:114 Resp: 175066
Ion Ratio Lower Upper
114 100
63 22.0 15.9 23.9
88 16.8 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.076 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

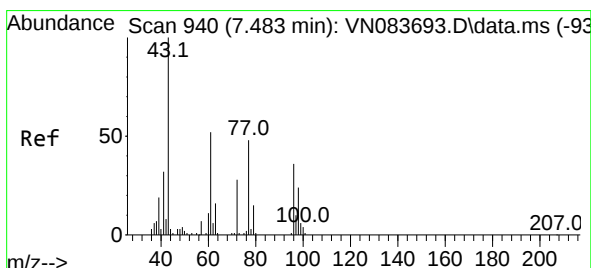
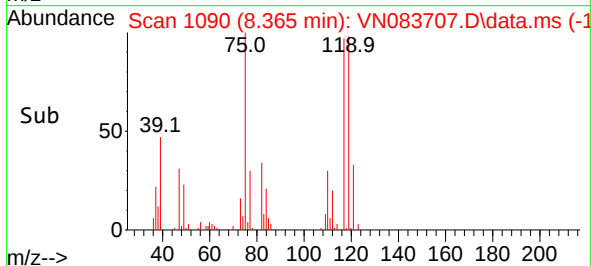
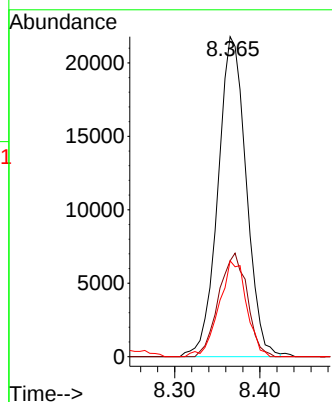
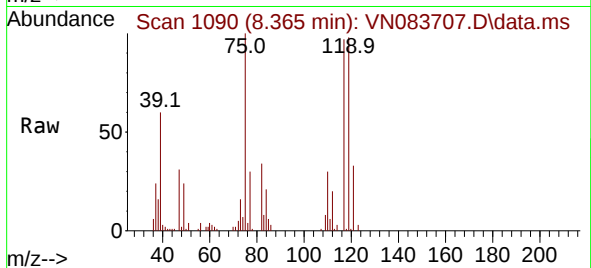
Tgt Ion: 75	Resp: 5019
Ion Ratio	Lower Upper
75	100
110	32.6 0.0 70.2
77	28.5 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#30

2-Butanone

Concen: 101.006 ug/l

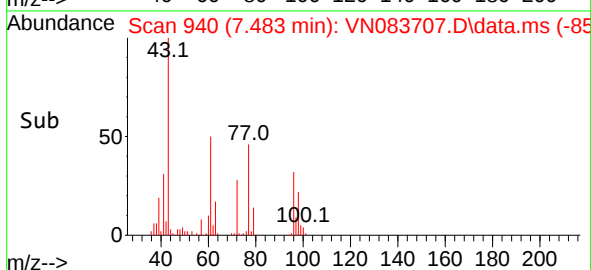
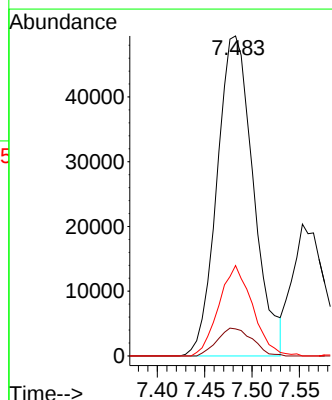
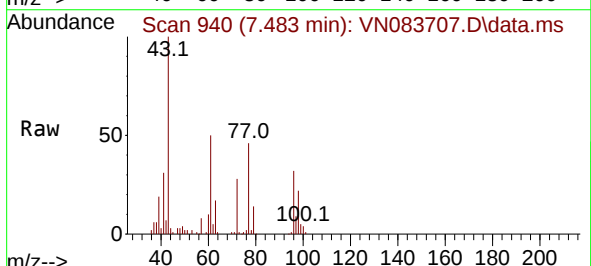
RT: 7.483 min Scan# 940

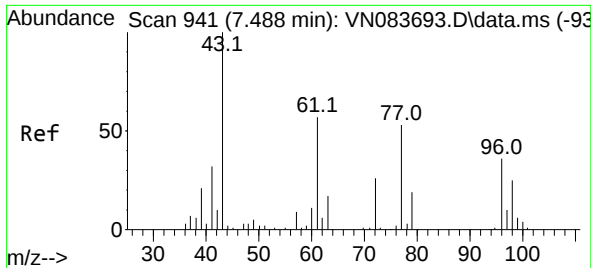
Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Tgt Ion: 43	Resp: 132211
Ion Ratio	Lower Upper
43	100
57	8.3 6.7 10.1
72	26.1 24.0 36.0





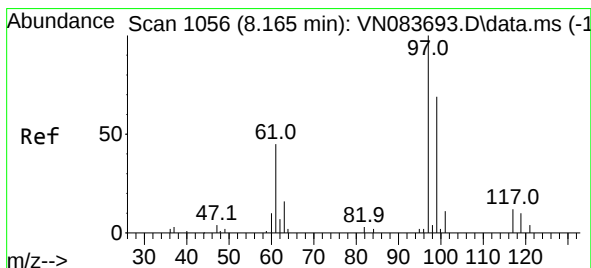
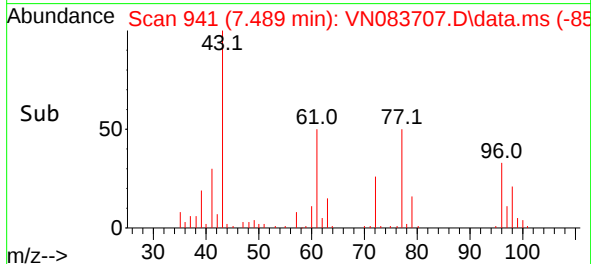
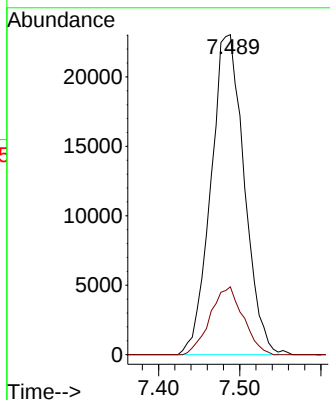
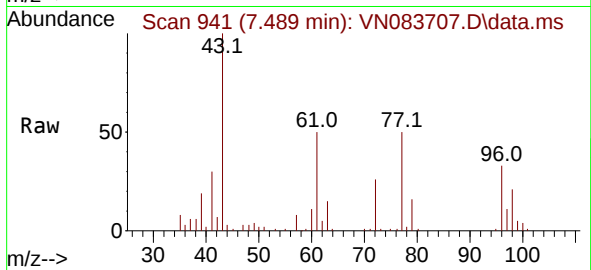
#31
2,2-Dichloropropane
Concen: 18.565 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 77 Resp: 65724
Ion Ratio Lower Upper
77 100
97 21.0 18.3 27.5

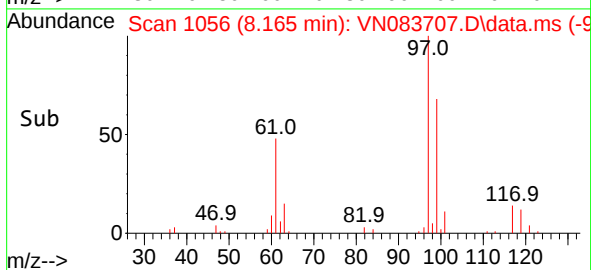
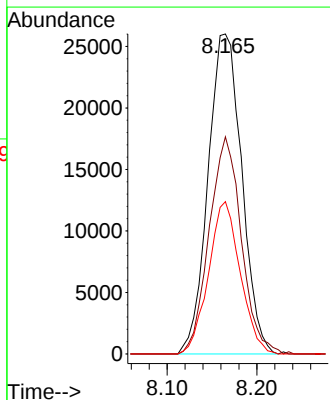
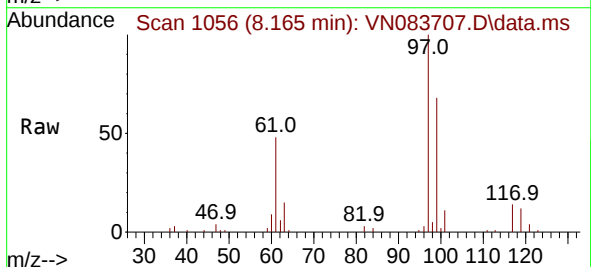
Manual Integrations
APPROVED

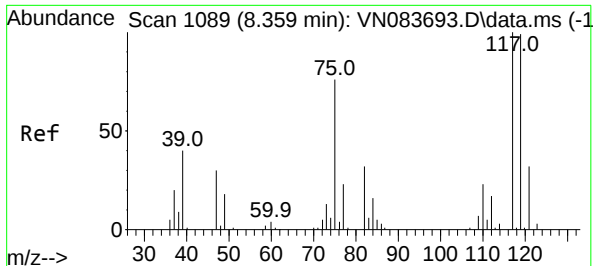
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#32
1,1,1-Trichloroethane
Concen: 18.313 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

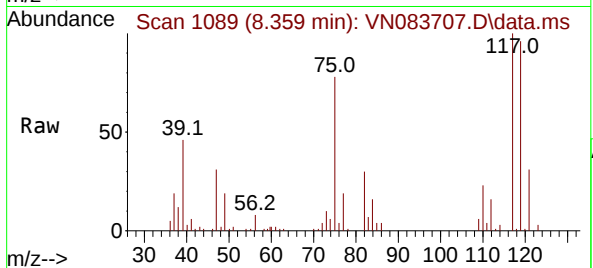
Tgt Ion: 97 Resp: 67912
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 44.8 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.146 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

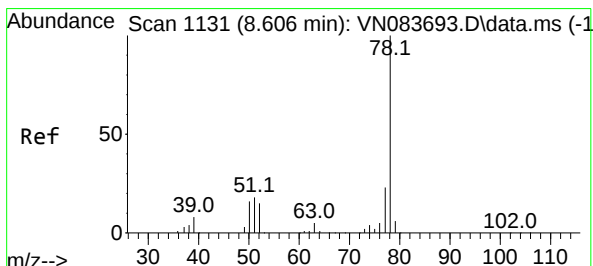
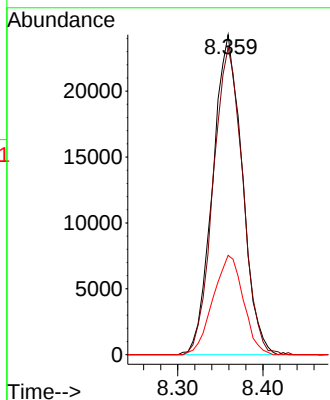
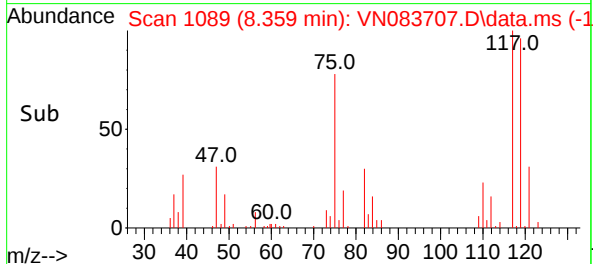
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



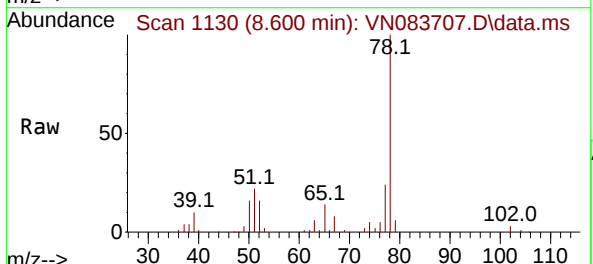
Tgt Ion:117 Resp: 58274
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5
121 31.1 27.0 40.6

Manual Integrations
APPROVED

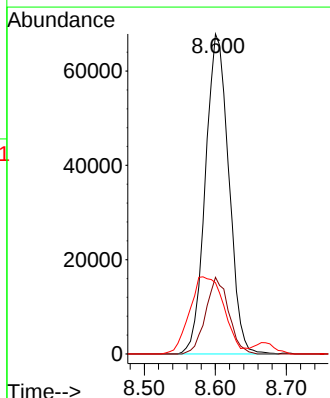
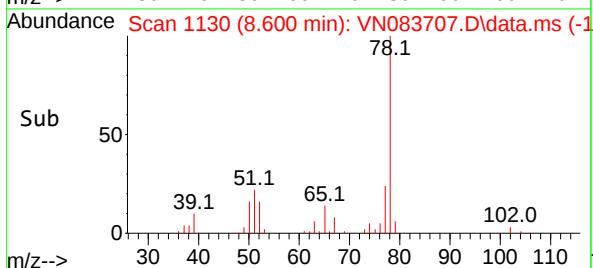
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

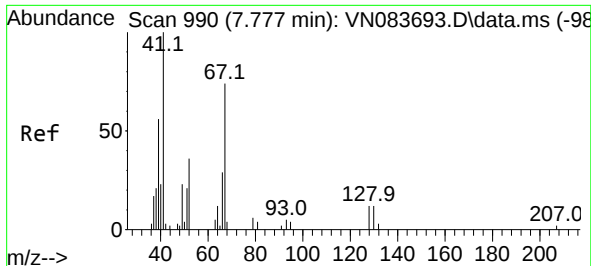


#34
Benzene
Concen: 18.614 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



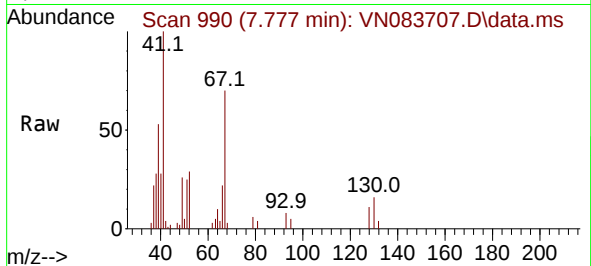
Tgt Ion: 78 Resp: 155085
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8
51 21.1 13.3 19.9#





#35
Methacrylonitrile
Concen: 19.554 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

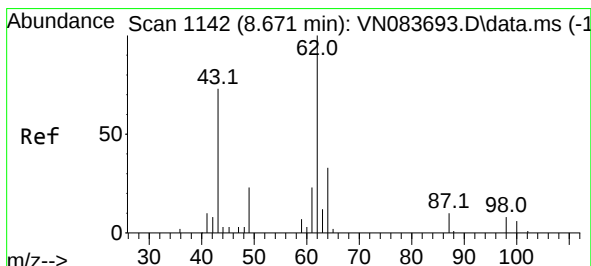
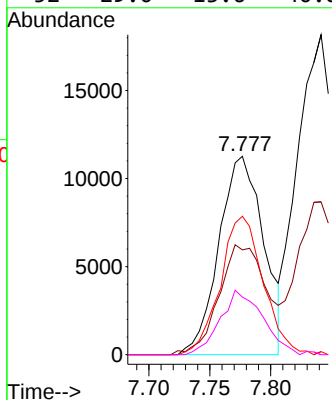
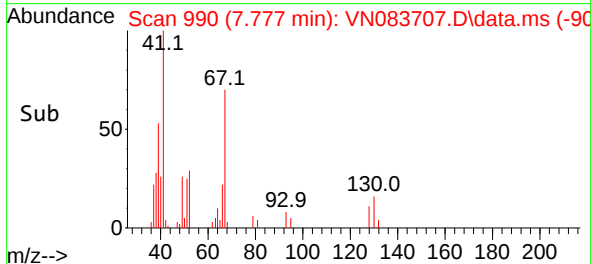
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 41 Resp: 2877
Ion Ratio Lower Upper
41 100
39 50.8 25.3 75.9
67 69.7 38.7 116.1
52 29.0 13.6 40.8

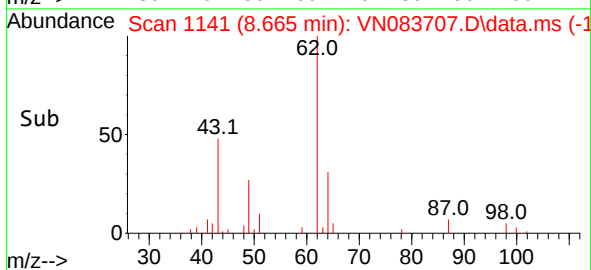
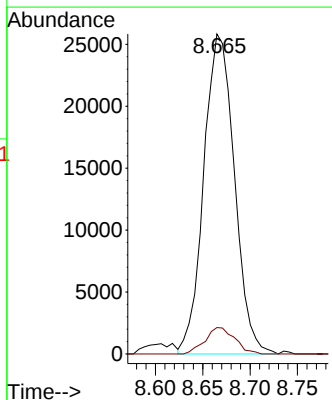
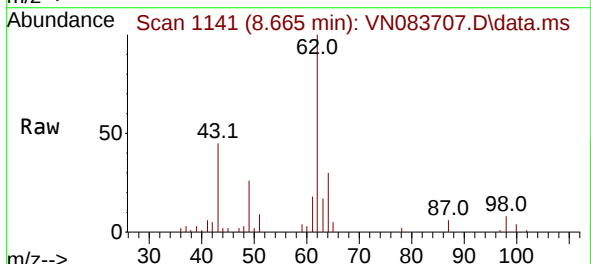
Manual Integrations
APPROVED

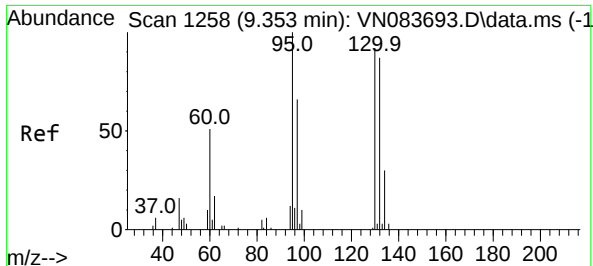
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#36
1,2-Dichloroethane
Concen: 18.595 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion: 62 Resp: 58242
Ion Ratio Lower Upper
62 100
98 8.0 8.2 12.4#





#37

Trichloroethene

Concen: 17.649 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion:130 Resp: 34530

Ion Ratio Lower Upper

130 100

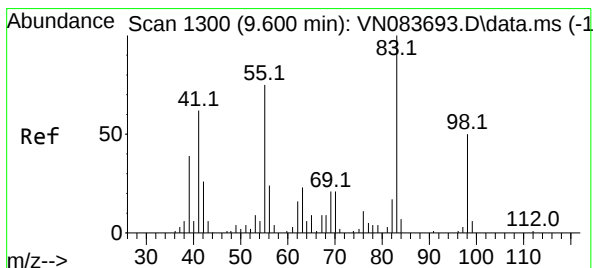
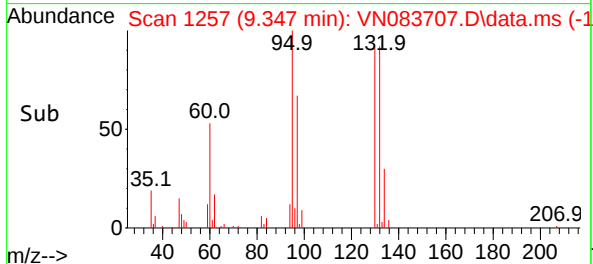
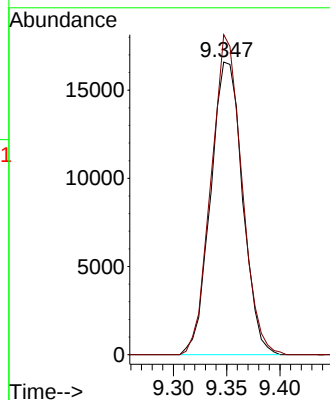
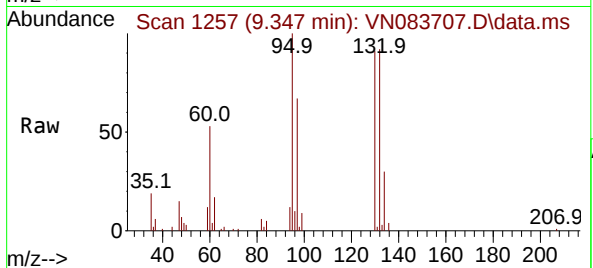
95 109.4 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#38

Methylcyclohexane

Concen: 17.596 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

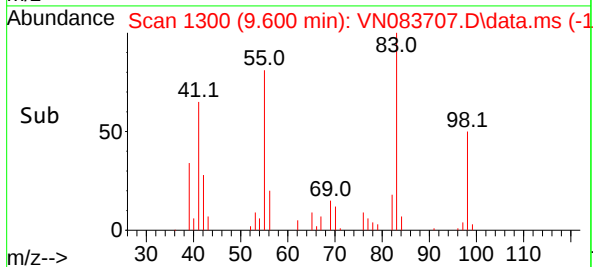
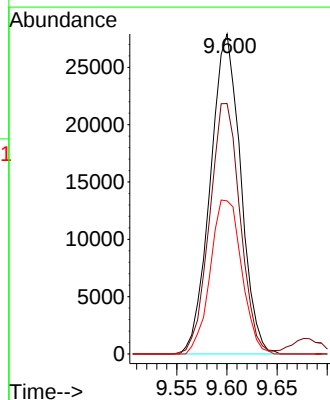
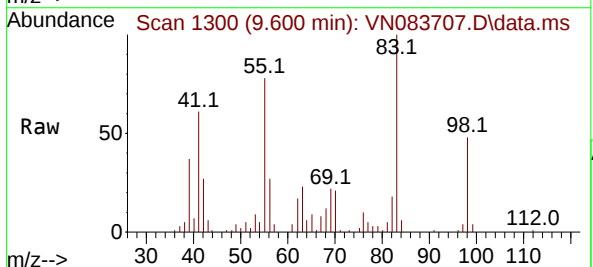
Tgt Ion: 83 Resp: 58498

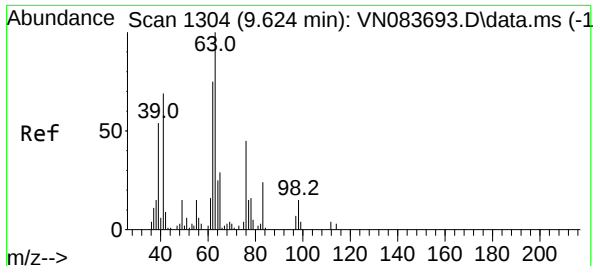
Ion Ratio Lower Upper

83 100

55 79.1 36.6 109.9

98 49.7 23.8 71.5





#39

1,2-Dichloropropane

Concen: 18.135 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

Tgt Ion: 63 Resp: 3636

Ion Ratio Lower Upper

63 100

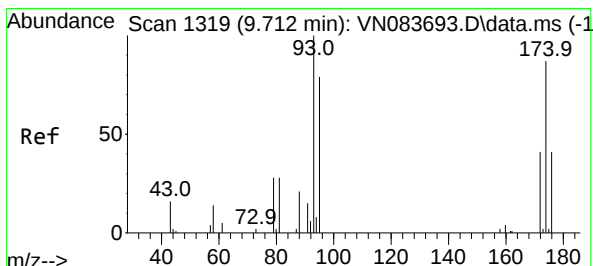
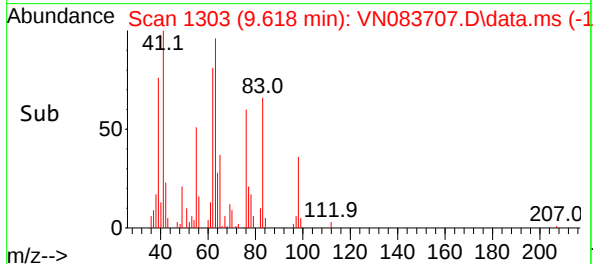
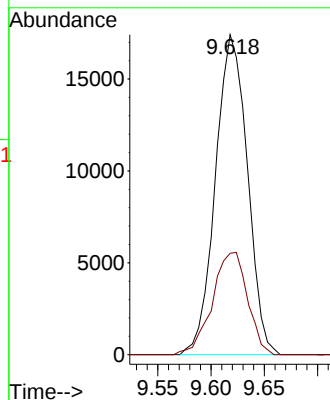
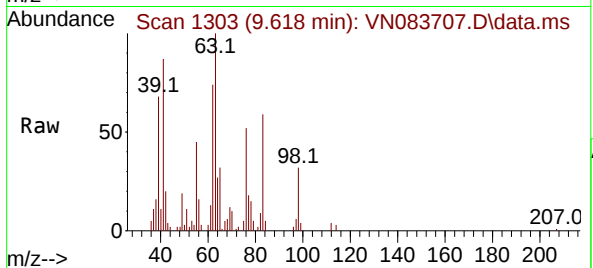
65 31.7 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#40

Dibromomethane

Concen: 18.247 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

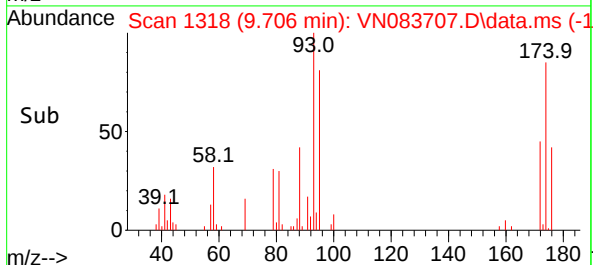
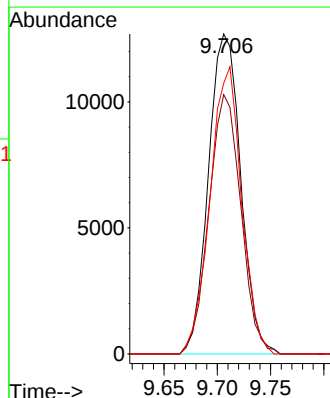
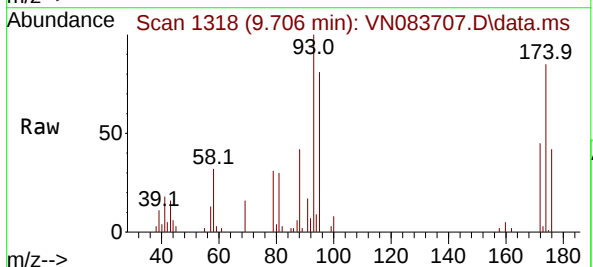
Tgt Ion: 93 Resp: 26753

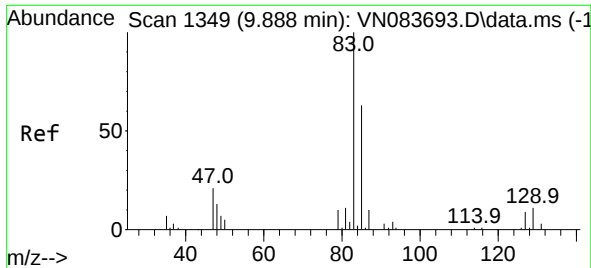
Ion Ratio Lower Upper

93 100

95 80.5 0.0 164.6

174 87.4 0.0 193.2





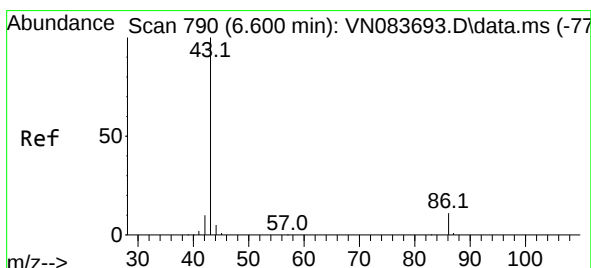
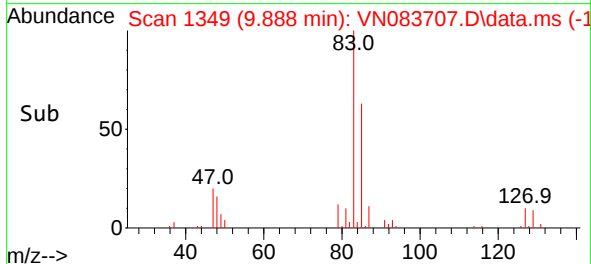
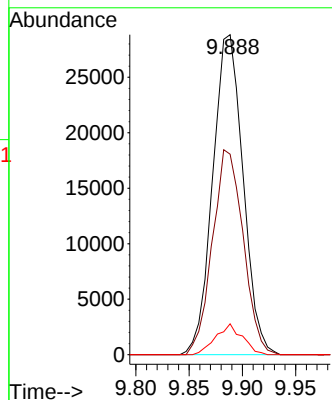
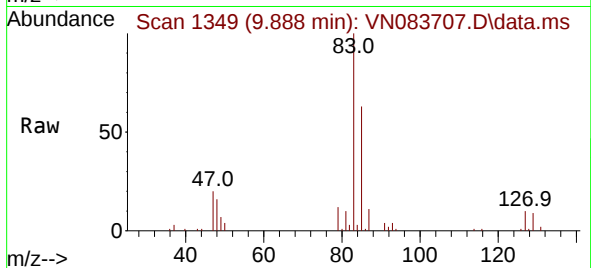
#41
Bromodichloromethane
Concen: 18.316 ug/l
RT: 9.888 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 83 Resp: 5710
Ion Ratio Lower Upper
83 100
85 62.6 49.4 74.2
127 9.6 7.3 10.9

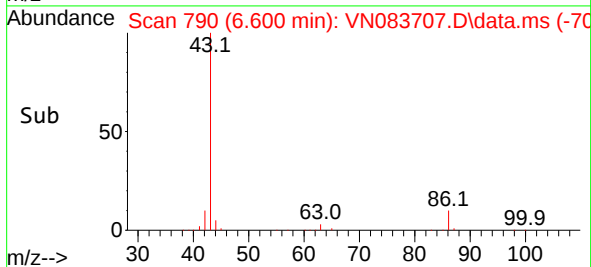
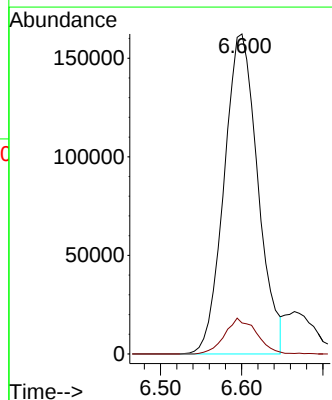
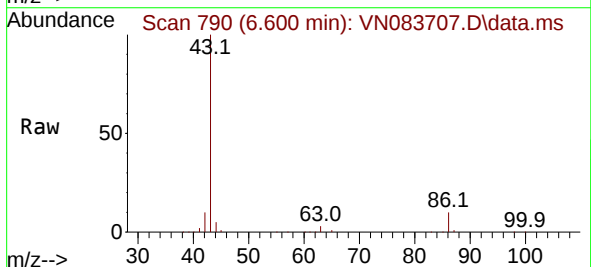
Manual Integrations
APPROVED

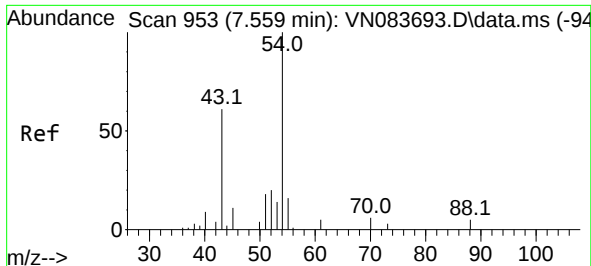
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#42
Vinyl Acetate
Concen: 87.237 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion: 43 Resp: 469486
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2





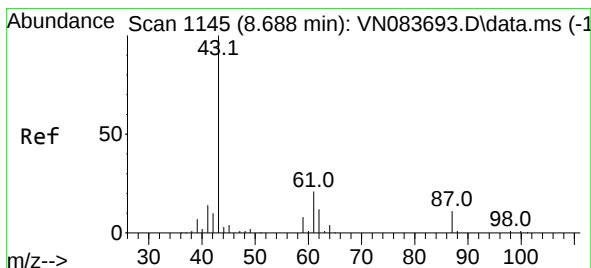
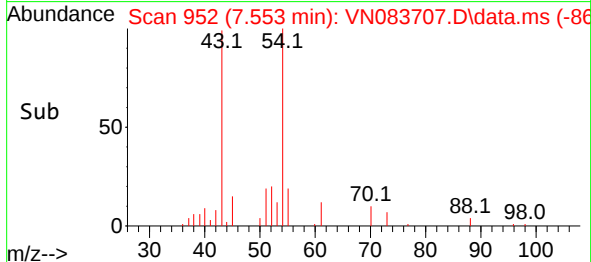
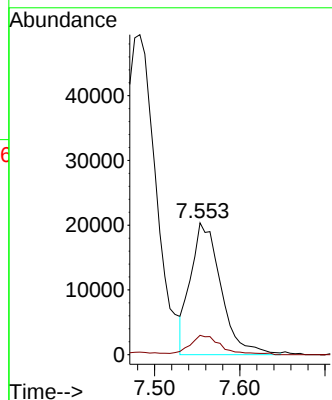
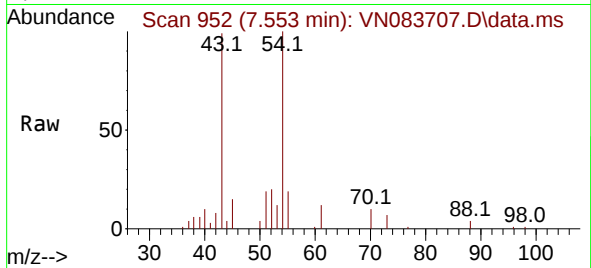
#43
Ethyl Acetate
Concen: 19.105 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 43 Resp: 50334
Ion Ratio Lower Upper
43 100
45 14.9 10.6 15.8

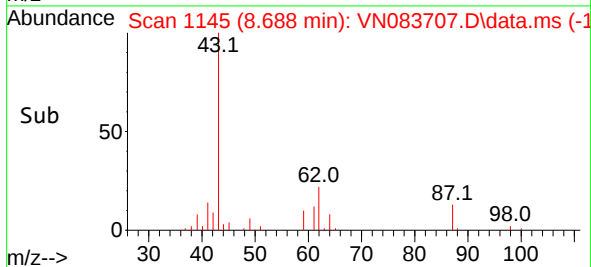
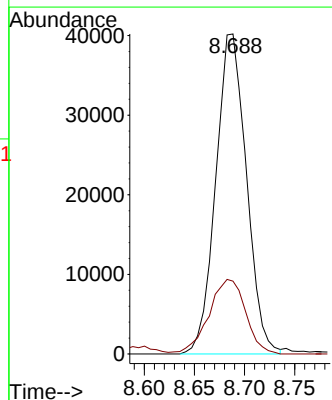
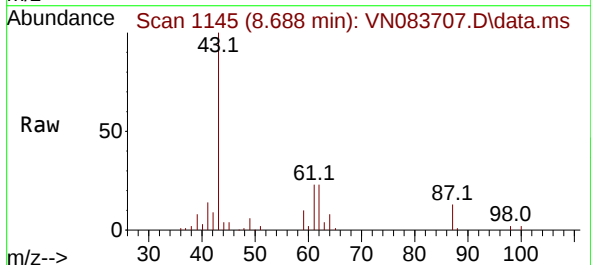
Manual Integrations
APPROVED

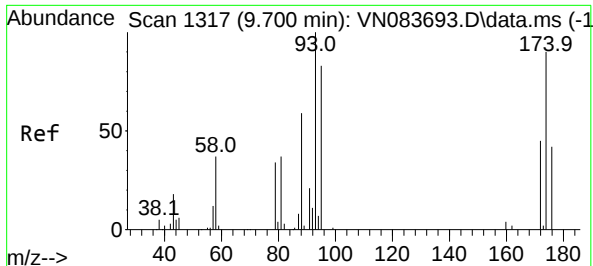
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#44
Isopropyl Acetate
Concen: 18.796 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

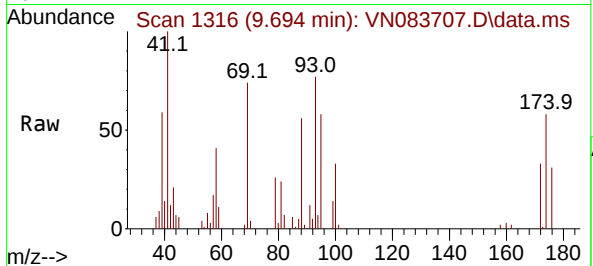
Tgt Ion: 43 Resp: 85650
Ion Ratio Lower Upper
43 100
61 27.9 25.0 37.4





#45
1,4-Dioxane
Concen: 388.980 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

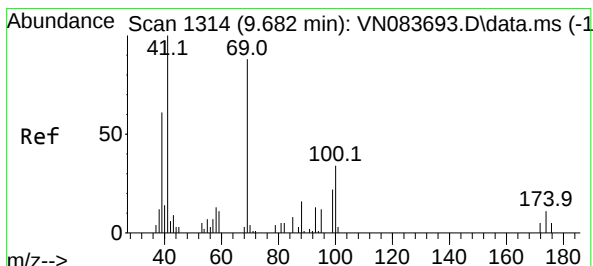
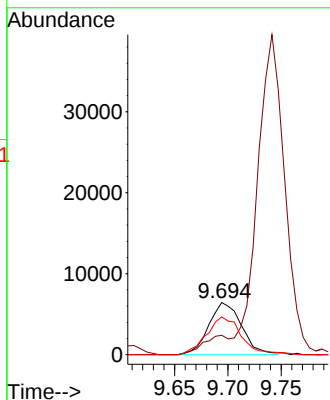
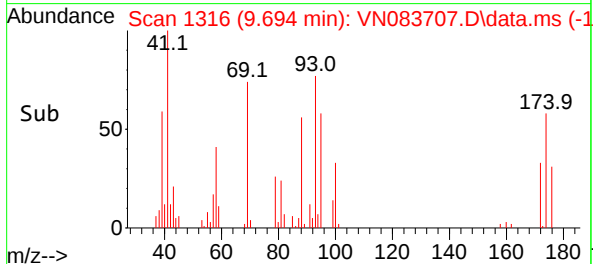
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



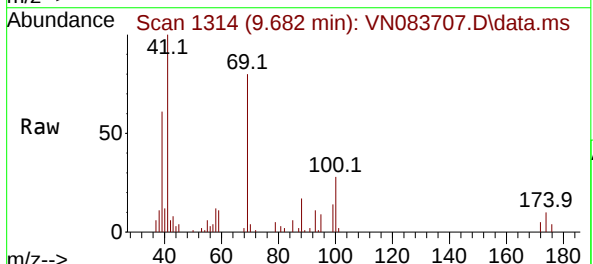
Tgt Ion: 88 Resp: 1382
Ion Ratio Lower Upper
88 100
43 28.5 19.8 29.6
58 77.3 55.4 83.0

Manual Integrations
APPROVED

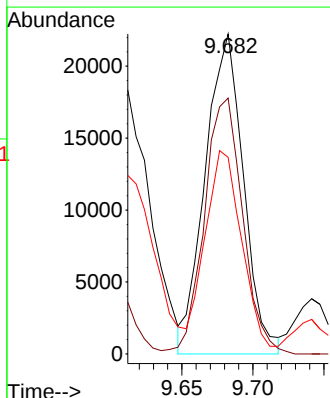
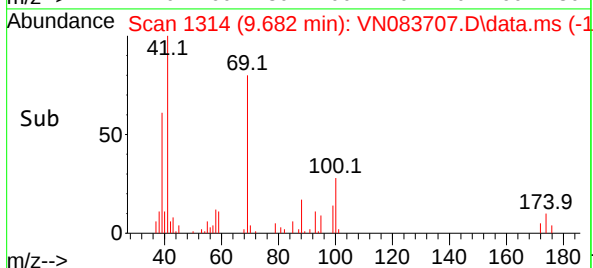
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

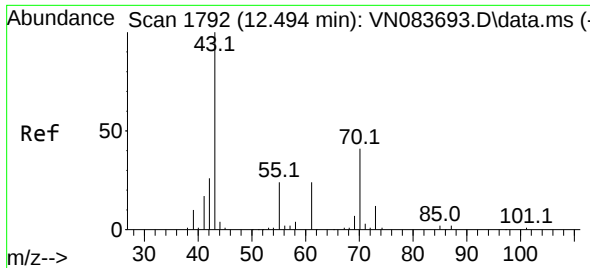


#46
Methyl methacrylate
Concen: 18.904 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



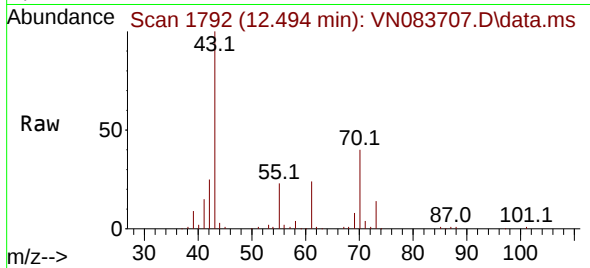
Tgt Ion: 41 Resp: 41695
Ion Ratio Lower Upper
41 100
69 82.4 51.1 153.3
39 62.2 25.8 77.3





#47
n-amyl Acetate
Concen: 18.954 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

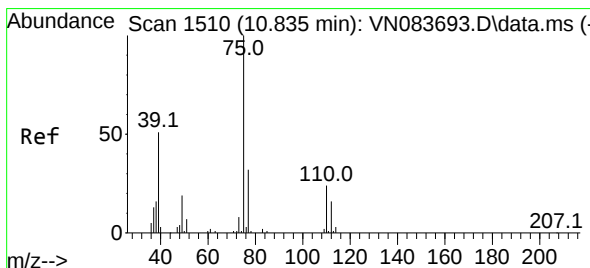
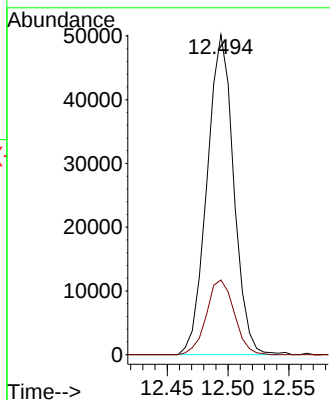
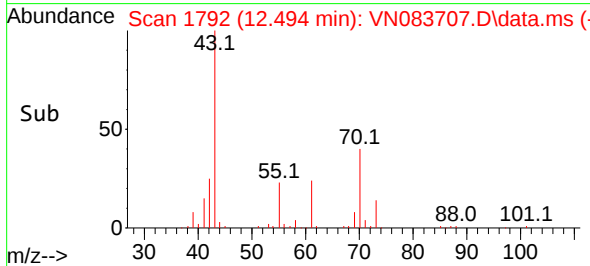
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 43 Resp: 76508
Ion Ratio Lower Upper
43 100
55 24.3 23.4 35.2

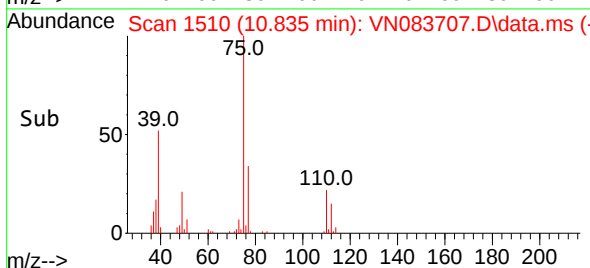
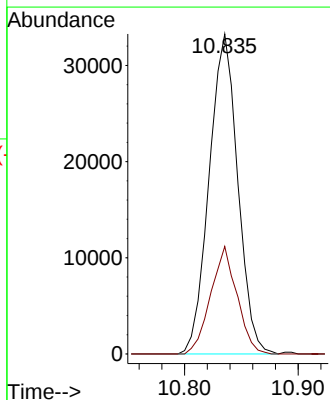
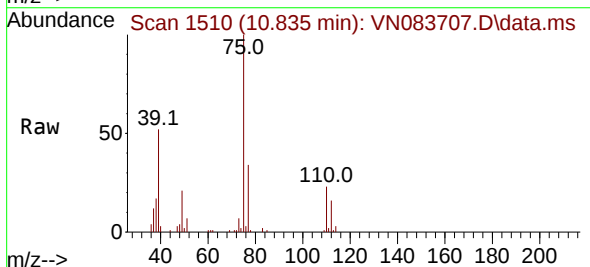
Manual Integrations
APPROVED

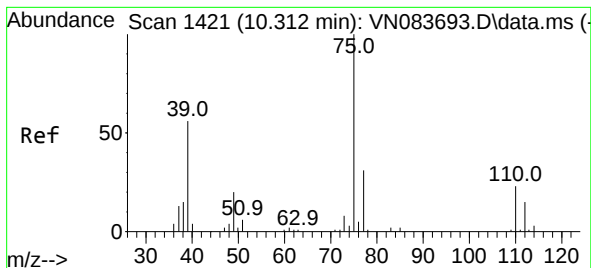
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#48
t-1,3-Dichloropropene
Concen: 17.764 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

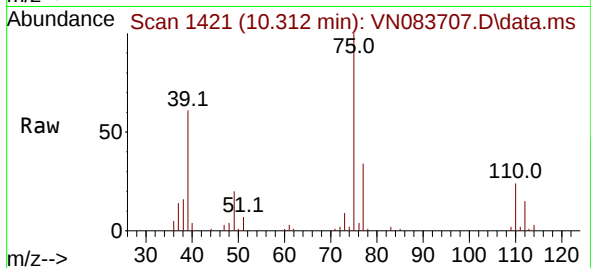
Tgt Ion: 75 Resp: 58257
Ion Ratio Lower Upper
75 100
77 33.6 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 17.563 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083707.D
 Acq: 09 Sep 2024 09:39

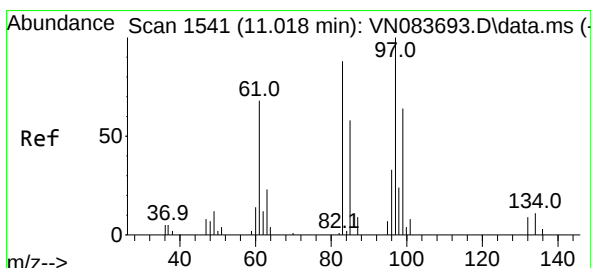
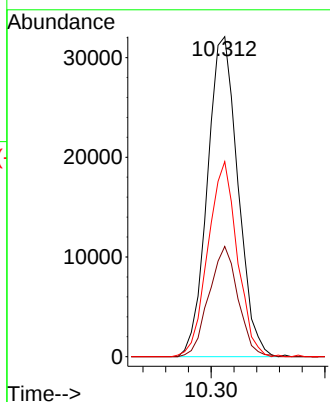
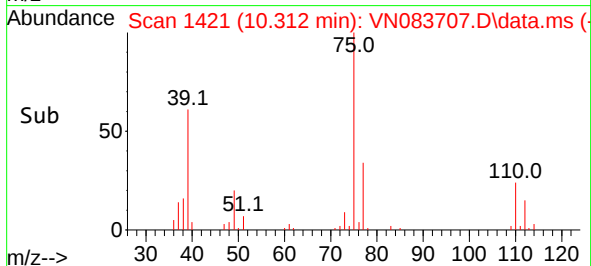
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01



Tgt Ion: 75 Resp: 59900
 Ion Ratio Lower Upper
 75 100
 77 34.5 24.9 37.3
 39 60.5 31.0 46.6

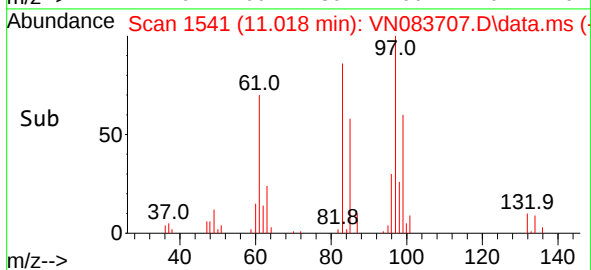
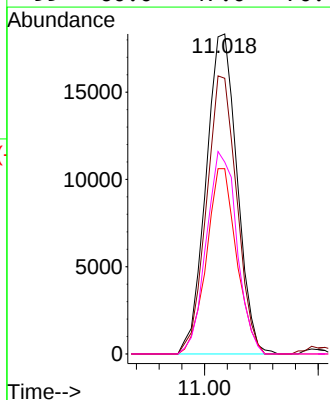
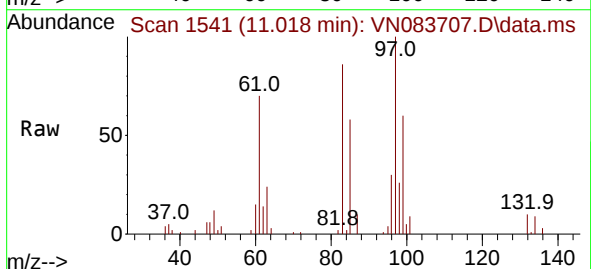
Manual Integrations
 APPROVED

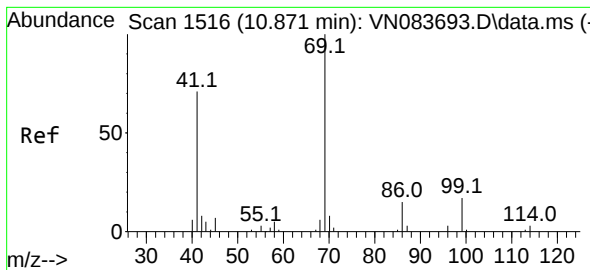
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#50
 1,1,2-Trichloroethane
 Concen: 18.663 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083707.D
 Acq: 09 Sep 2024 09:39

Tgt Ion: 97 Resp: 34819
 Ion Ratio Lower Upper
 97 100
 83 86.2 68.1 102.1
 85 57.9 41.8 62.6
 99 60.0 47.0 70.4





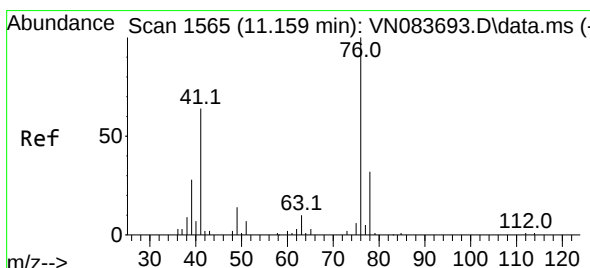
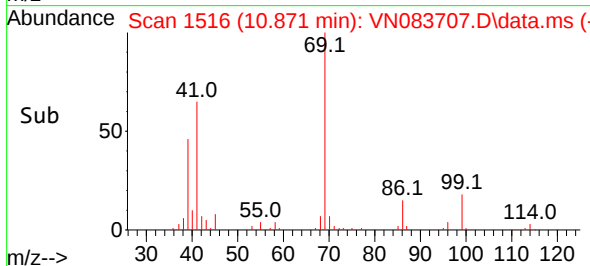
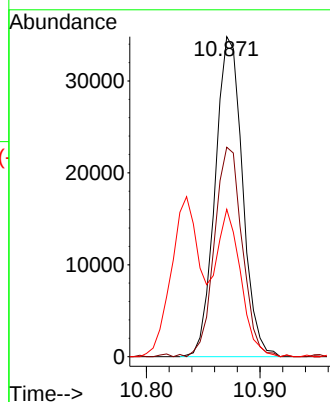
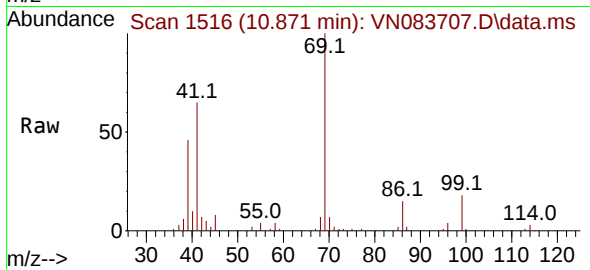
#51
Ethyl methacrylate
Concen: 18.272 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 69 Resp: 58239
Ion Ratio Lower Upper
69 100
41 65.5 25.5 76.5
39 46.1 16.0 47.9

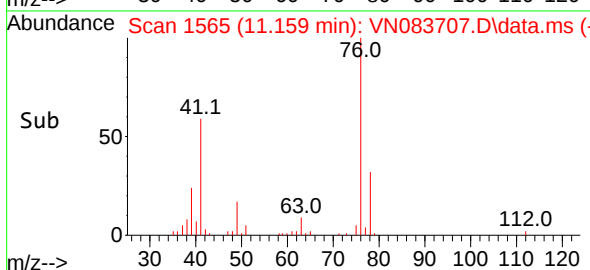
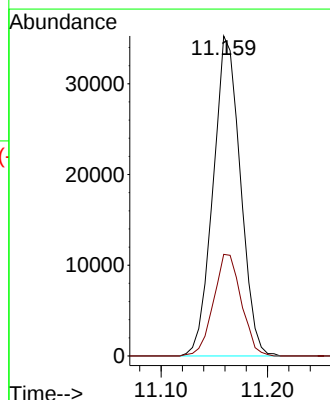
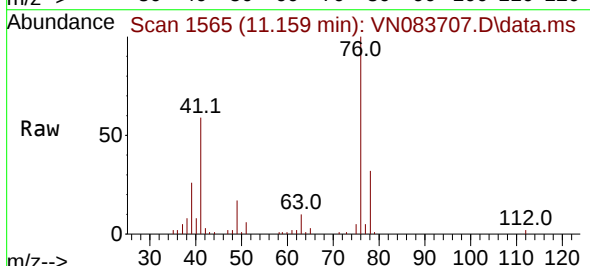
Manual Integrations
APPROVED

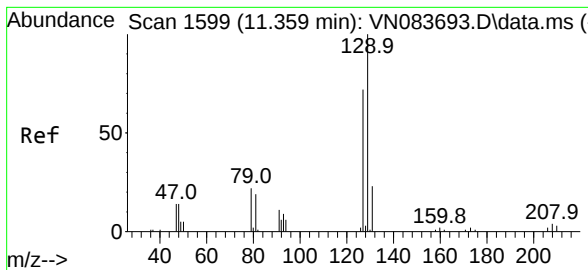
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#52
1,3-Dichloropropane
Concen: 18.605 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

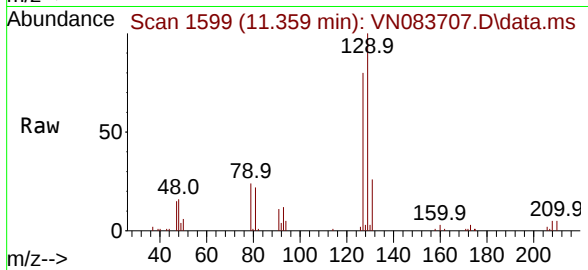
Tgt Ion: 76 Resp: 62684
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.8





#53
Dibromochloromethane
Concen: 18.141 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

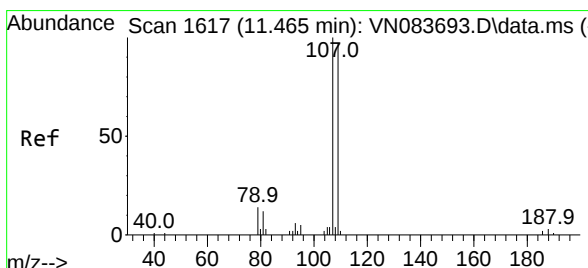
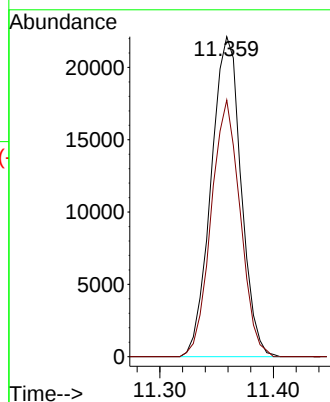
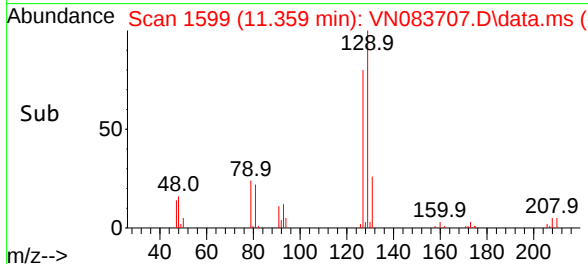
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



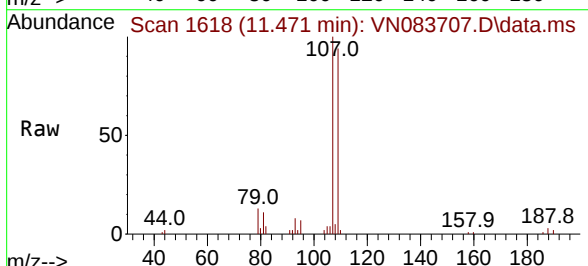
Tgt Ion:129 Resp: 40594
Ion Ratio Lower Upper
129 100
127 77.6 39.4 118.1

Manual Integrations
APPROVED

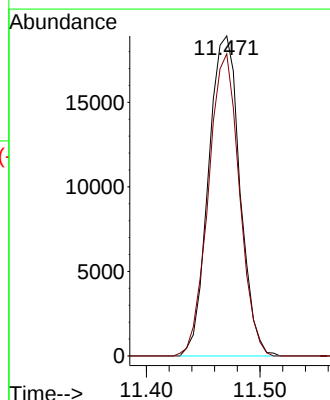
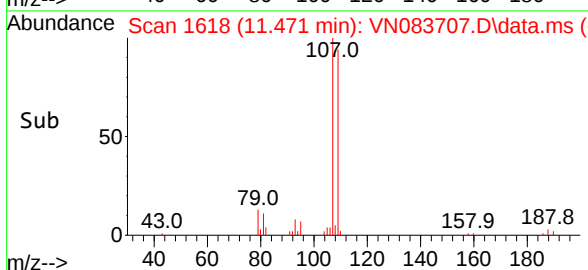
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

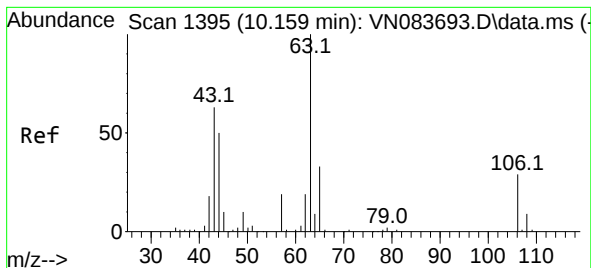


#54
1,2-Dibromoethane
Concen: 18.826 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



Tgt Ion:107 Resp: 36336
Ion Ratio Lower Upper
107 100
109 93.0 74.7 112.1





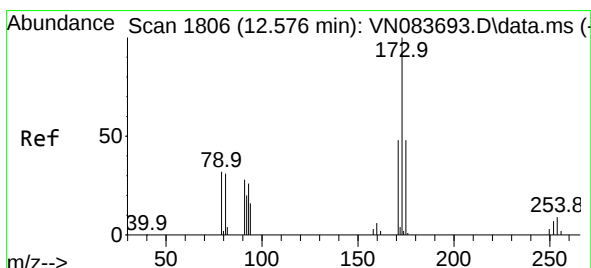
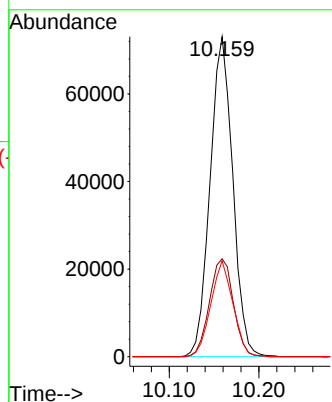
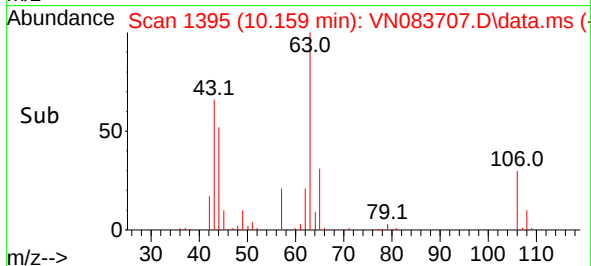
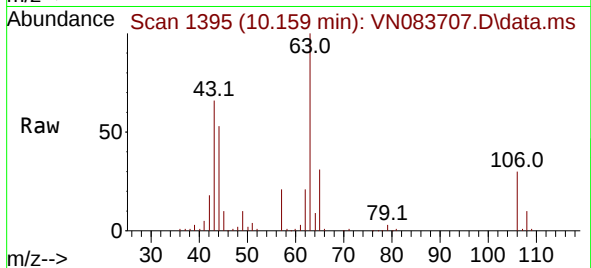
#55
2-Chloroethyl vinyl ether
Concen: 100.989 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 63 Resp: 12828
Ion Ratio Lower Upper
63 100
65 32.3 26.2 39.2
106 29.3 23.8 35.8

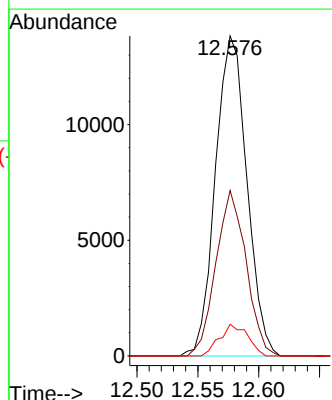
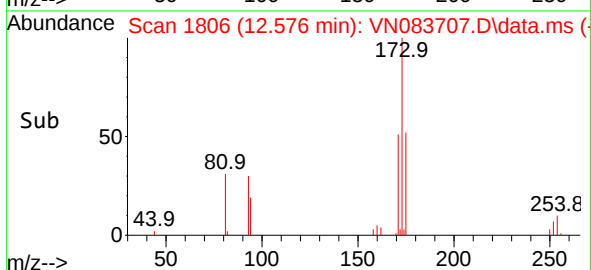
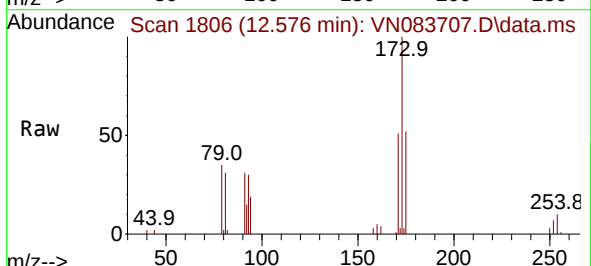
Manual Integrations
APPROVED

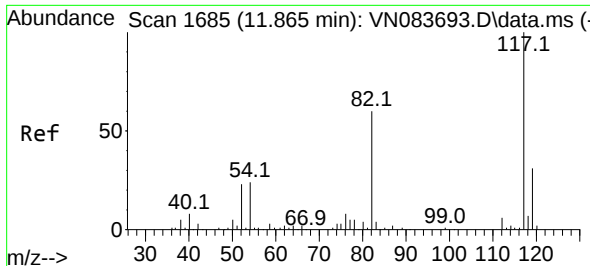
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#56
Bromoform
Concen: 17.463 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

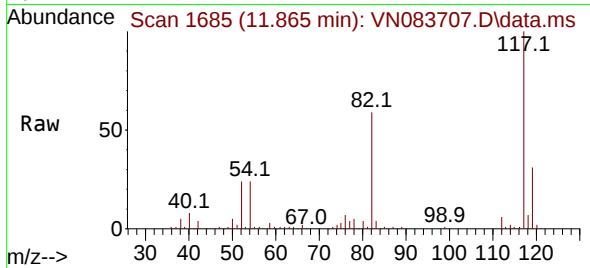
Tgt Ion:173 Resp: 24827
Ion Ratio Lower Upper
173 100
175 49.7 40.0 60.0
254 8.8 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

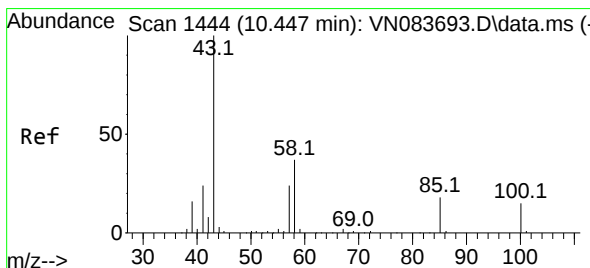
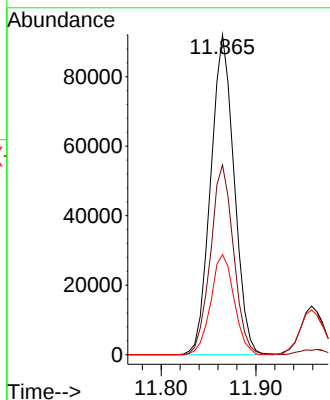
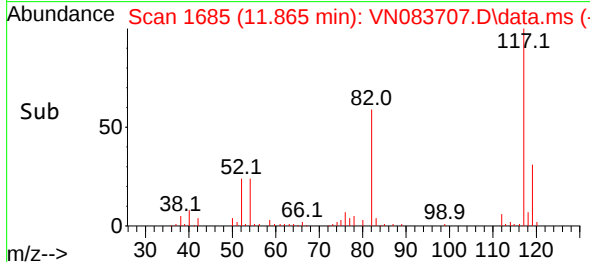
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



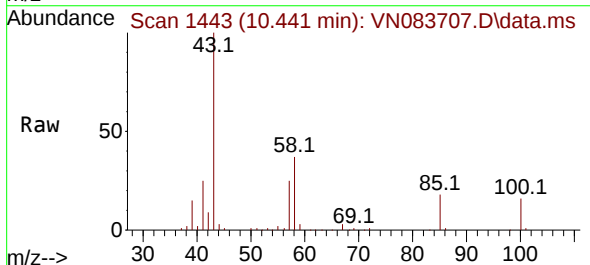
Tgt Ion: 117 Resp: 15850
Ion Ratio Lower Upper
117 100
82 58.5 46.6 69.8
119 31.2 25.4 38.2

Manual Integrations
APPROVED

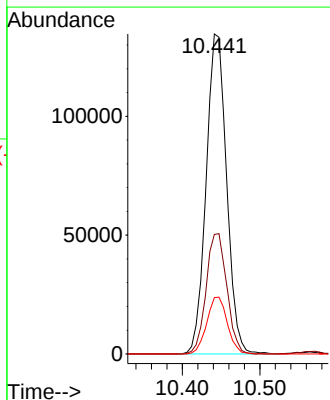
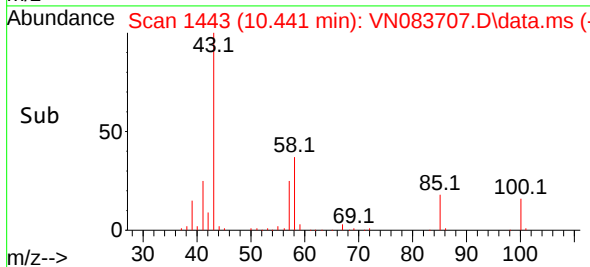
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

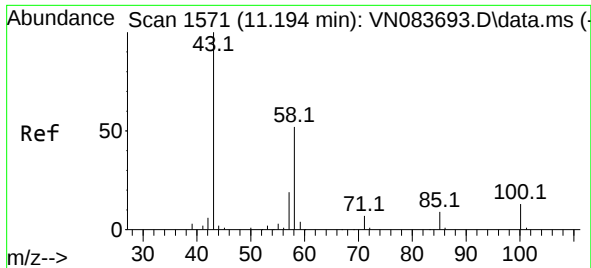


#58
4-Methyl-2-Pentanone
Concen: 98.410 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



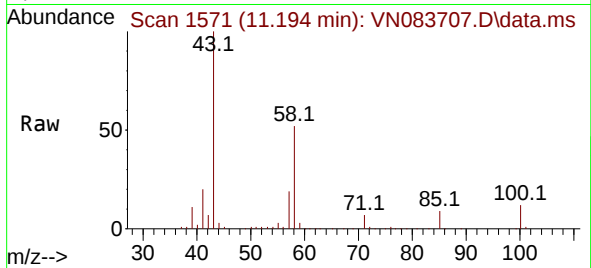
Tgt Ion: 43 Resp: 247335
Ion Ratio Lower Upper
43 100
58 38.0 36.5 54.7
85 17.8 19.5 29.3#





#59
2-Hexanone
Concen: 100.722 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

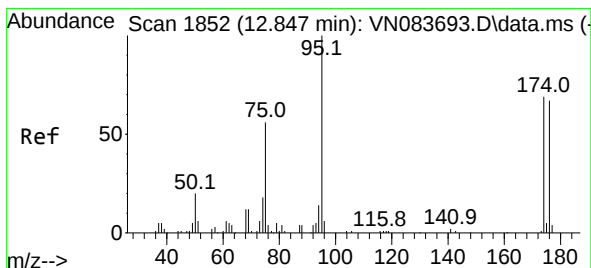
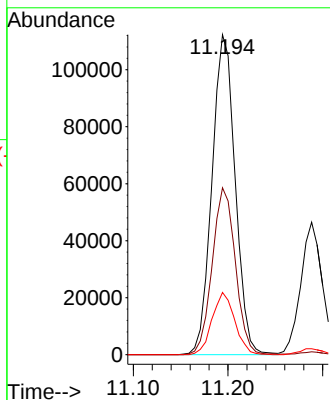
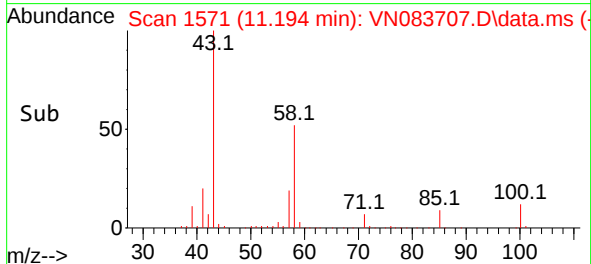
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 43 Resp: 191280
Ion Ratio Lower Upper
43 100
58 51.9 50.4 75.6
57 19.0 18.6 27.8

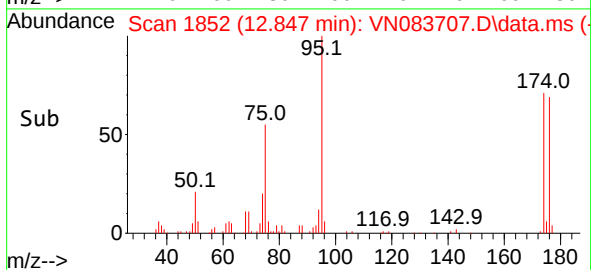
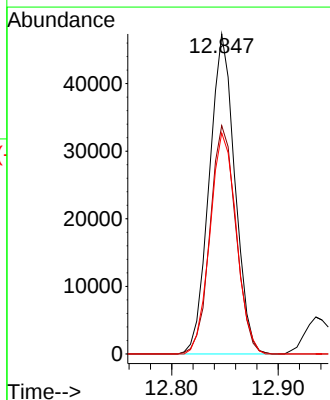
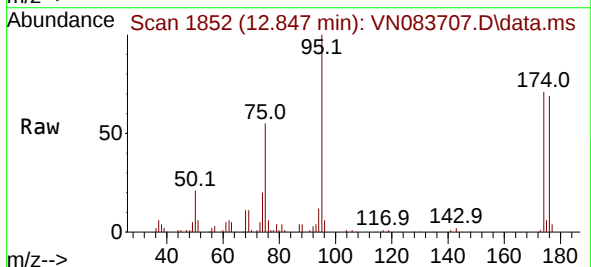
Manual Integrations
APPROVED

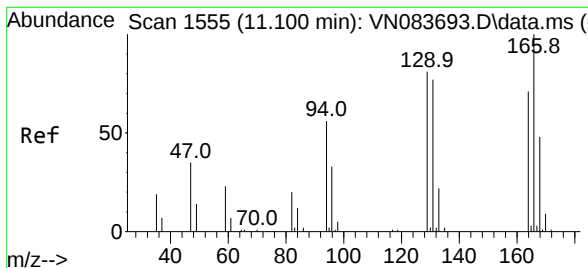
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#60
4-Bromofluorobenzene
Concen: 28.892 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

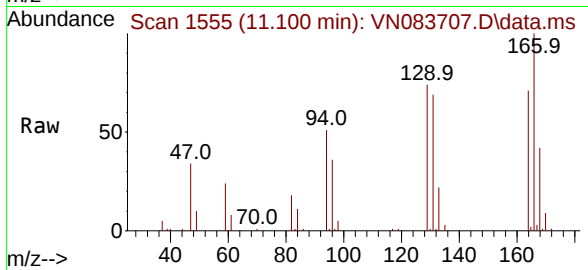
Tgt Ion: 95 Resp: 78929
Ion Ratio Lower Upper
95 100
174 71.8 60.5 90.7
176 70.9 57.8 86.6





#61
Tetrachloroethene
Concen: 17.694 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

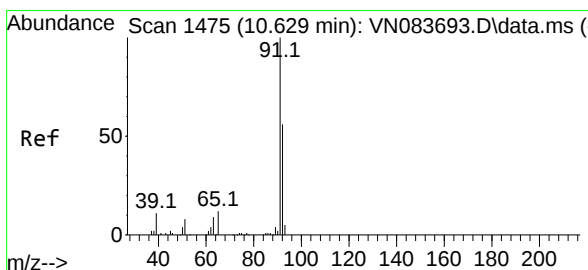
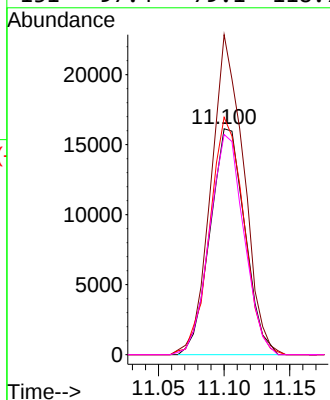
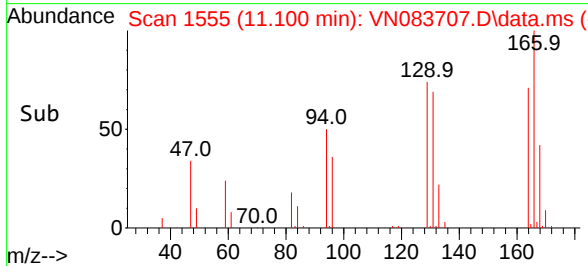
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



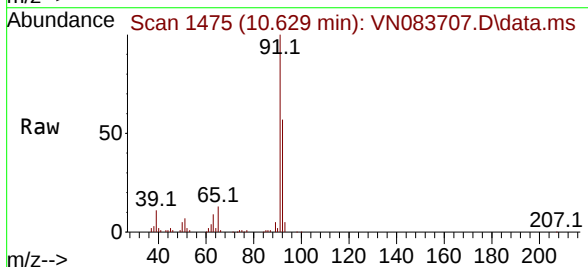
Tgt Ion:164 Resp: 2968
Ion Ratio Lower Upper
164 100
166 139.9 106.7 160.1
129 103.9 85.8 128.6
131 97.4 79.1 118.7

Manual Integrations
APPROVED

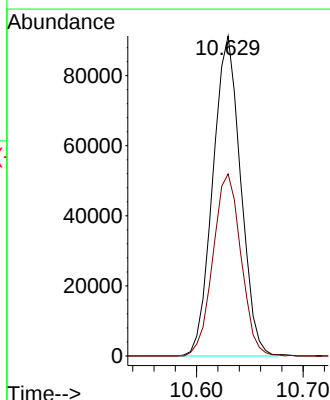
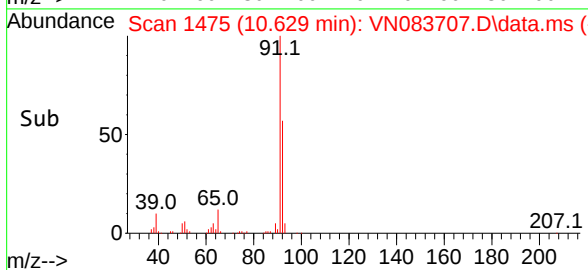
Reviewed By :John Carbone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

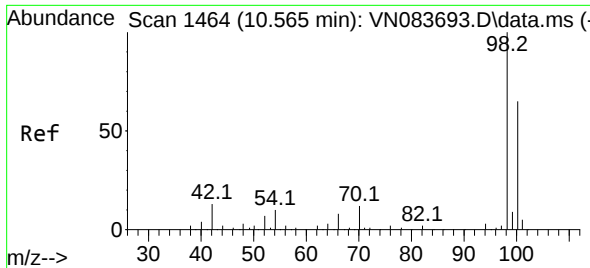


#62
Toluene
Concen: 18.162 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



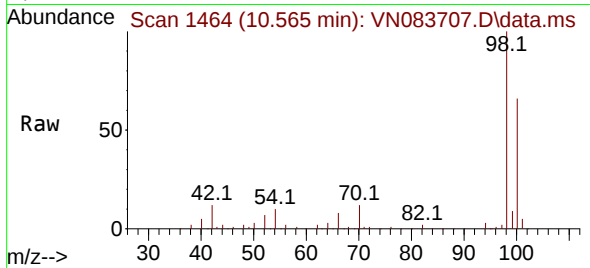
Tgt Ion: 91 Resp: 165466
Ion Ratio Lower Upper
91 100
92 57.2 46.5 69.7





#63
Toluene-d8
Concen: 29.802 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

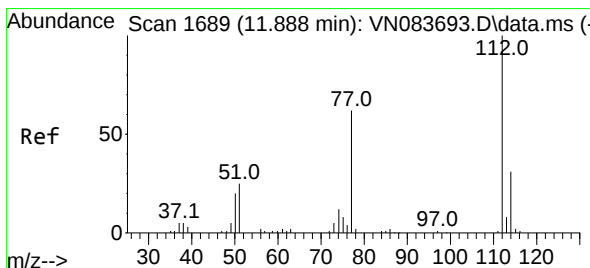
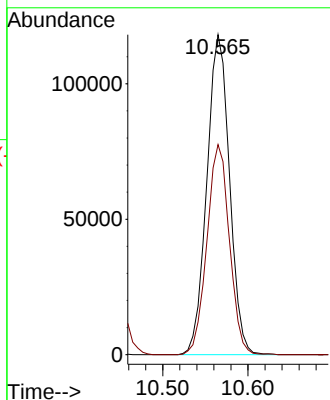
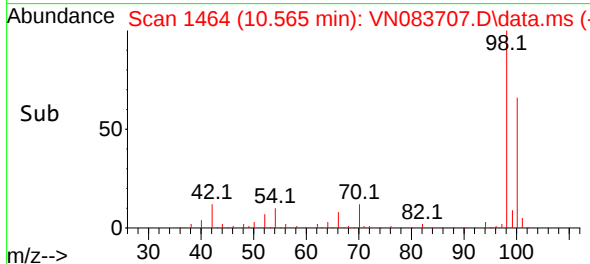
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



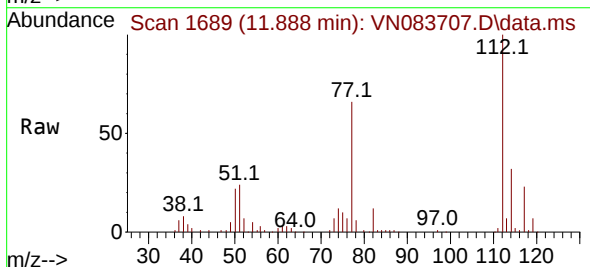
Tgt Ion: 98 Resp: 218728
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1

Manual Integrations
APPROVED

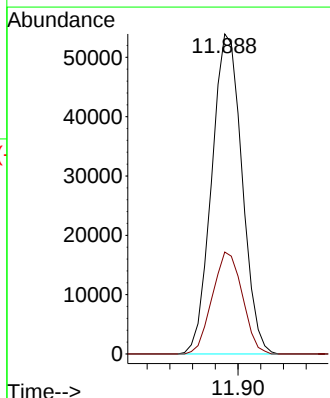
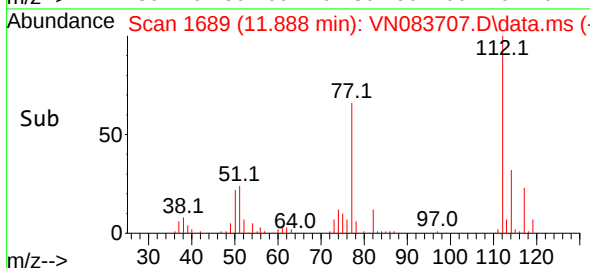
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

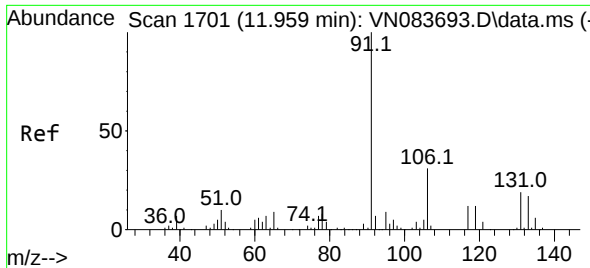


#64
Chlorobenzene
Concen: 17.728 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



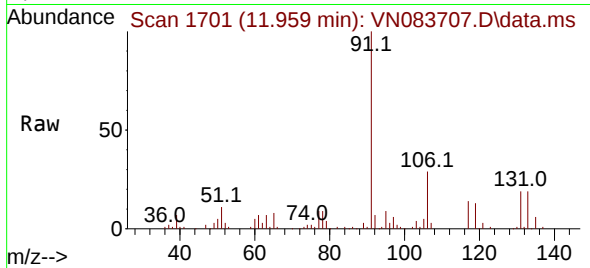
Tgt Ion:112 Resp: 100001
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.301 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

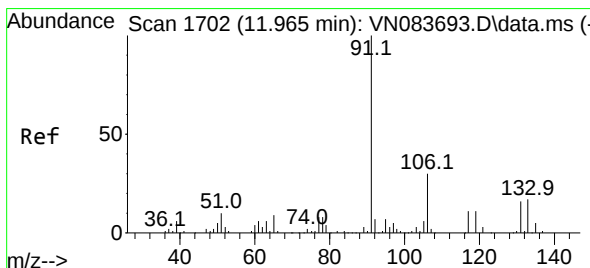
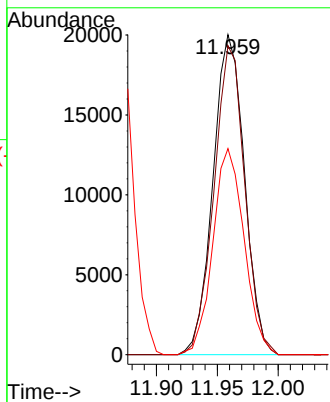
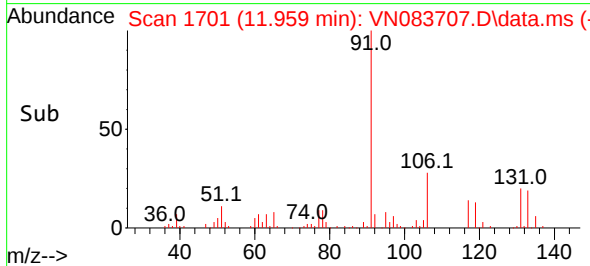
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



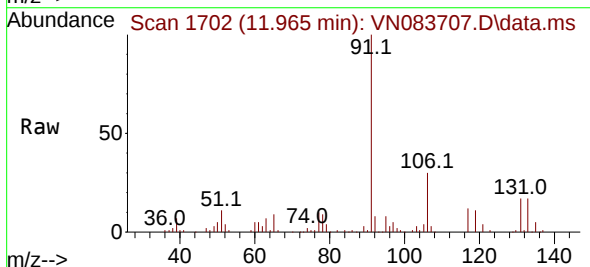
Tgt Ion:131 Resp: 3596
Ion Ratio Lower Upper
131 100
133 94.7 0.0 188.0
119 64.1 0.0 122.8

Manual Integrations
APPROVED

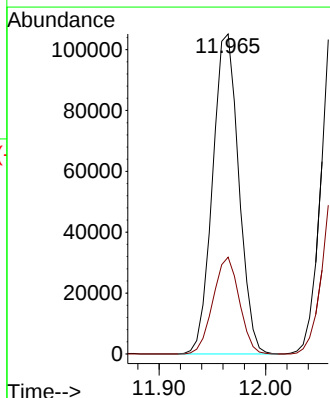
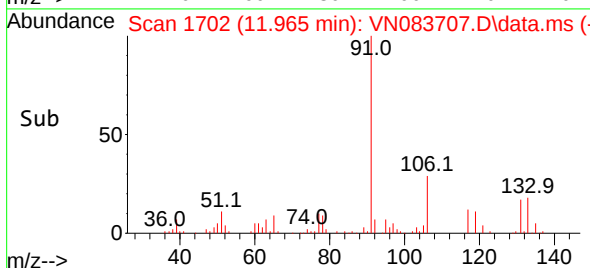
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

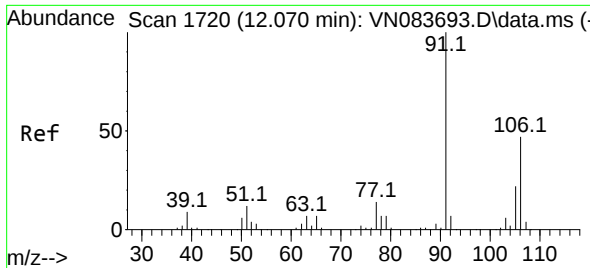


#66
Ethyl Benzene
Concen: 17.336 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



Tgt Ion: 91 Resp: 179613
Ion Ratio Lower Upper
91 100
106 30.3 24.4 36.6





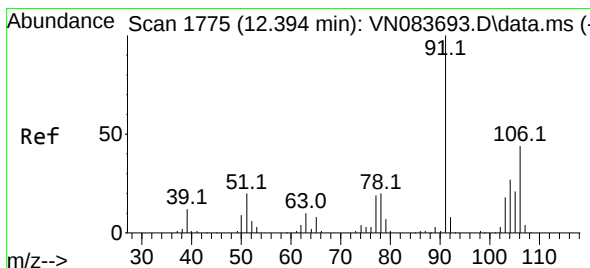
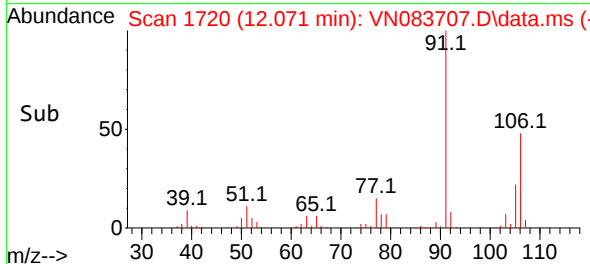
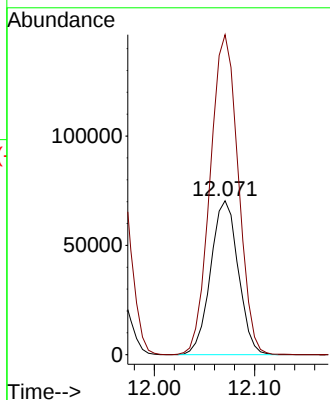
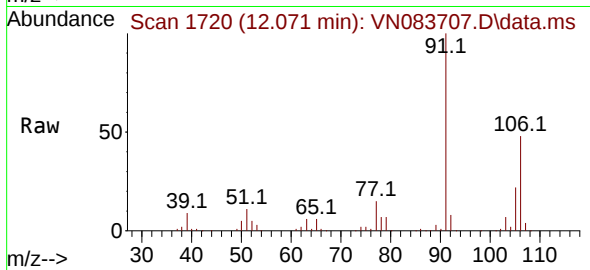
#67
m/p-Xylenes
Concen: 35.354 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:106 Resp: 13476
Ion Ratio Lower Upper
106 100
91 211.5 166.6 249.8

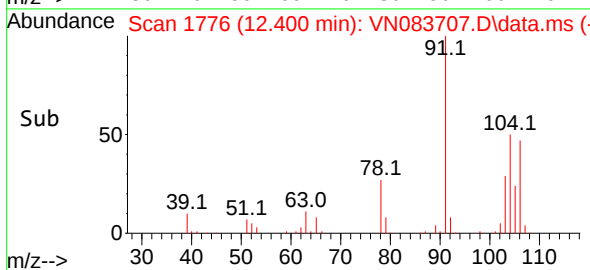
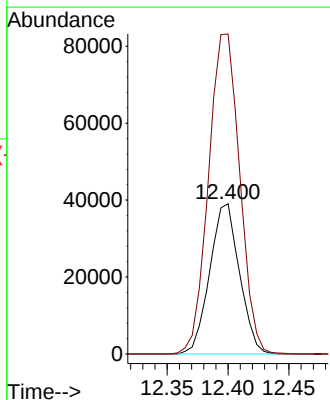
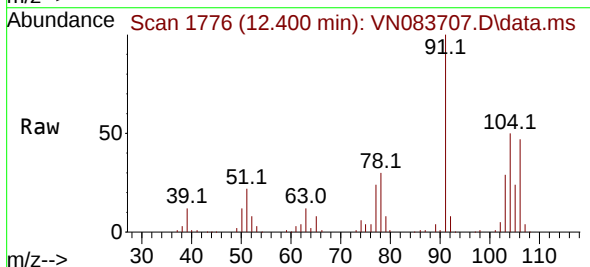
Manual Integrations
APPROVED

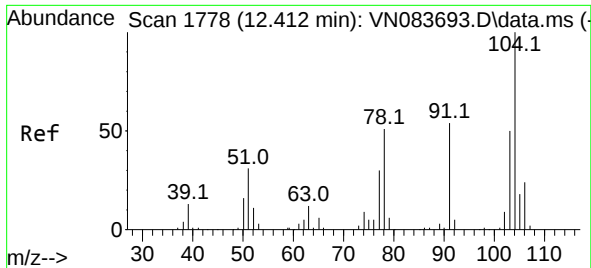
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#68
o-Xylene
Concen: 17.934 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion:106 Resp: 66162
Ion Ratio Lower Upper
106 100
91 223.8 110.0 330.0





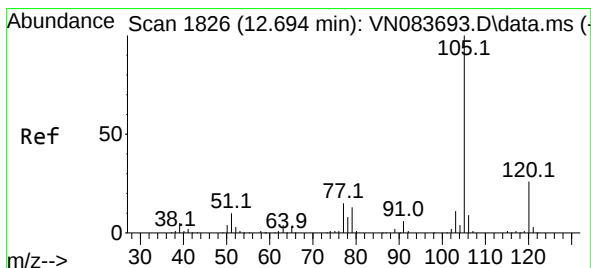
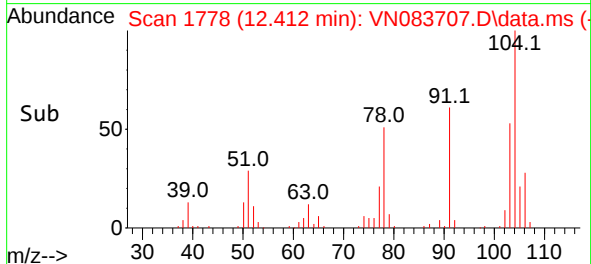
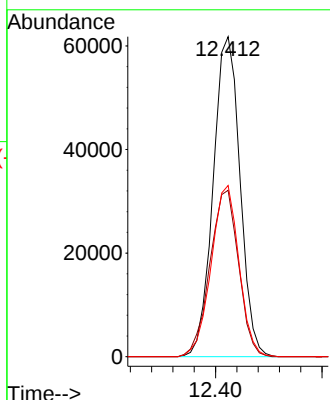
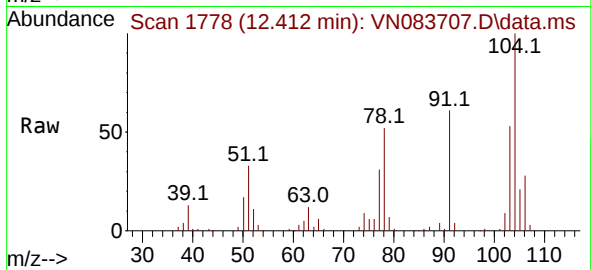
#69
Styrene
Concen: 17.327 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion:104 Resp: 108009
Ion Ratio Lower Upper
104 100
78 55.5 42.6 64.0
103 55.4 43.7 65.5

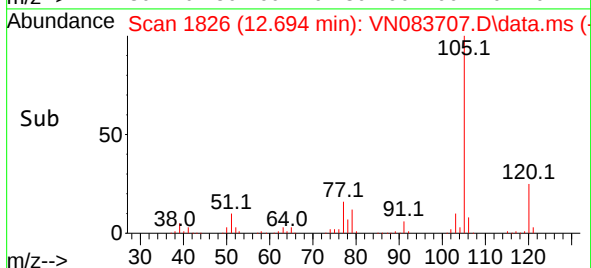
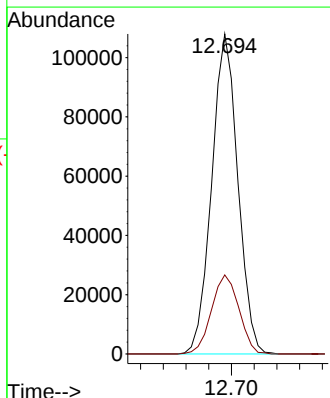
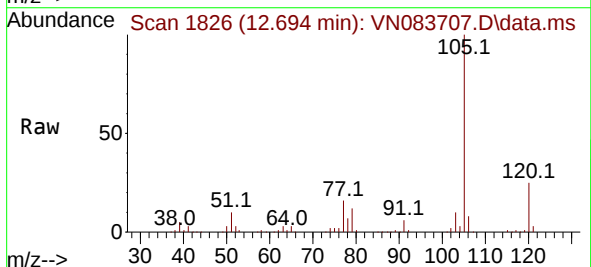
Manual Integrations
APPROVED

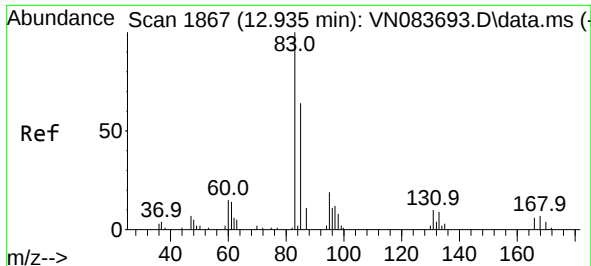
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#70
Isopropylbenzene
Concen: 17.722 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

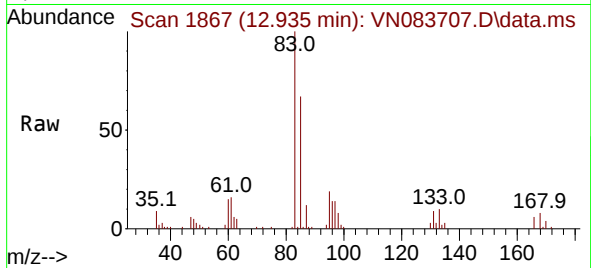
Tgt Ion:105 Resp: 172529
Ion Ratio Lower Upper
105 100
120 25.9 17.8 33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 18.697 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

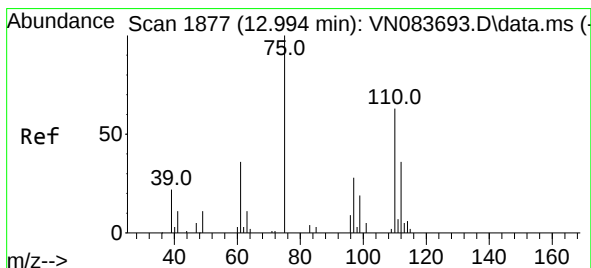
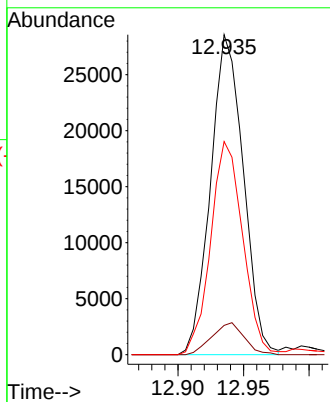
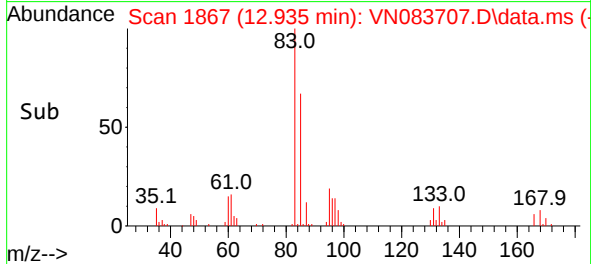
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 83 Resp: 49715
Ion Ratio Lower Upper
83 100
131 9.8 5.2 15.6
85 65.0 32.3 96.8

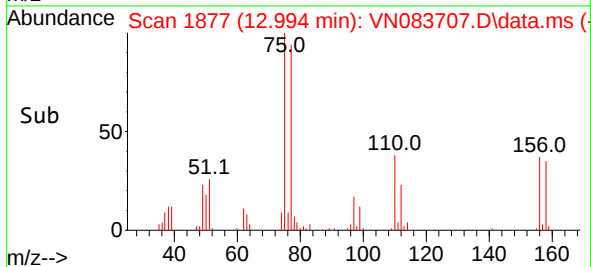
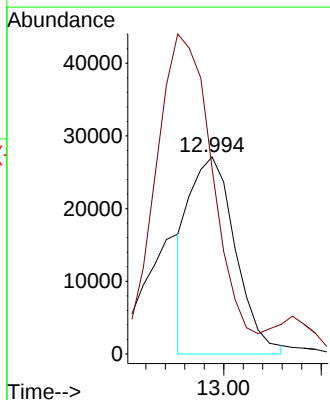
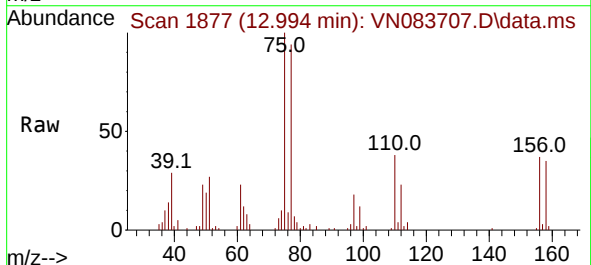
Manual Integrations
APPROVED

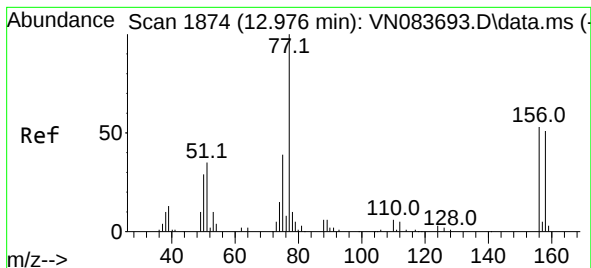
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#72
1,2,3-Trichloropropane
Concen: 19.103 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion: 75 Resp: 44536
Ion Ratio Lower Upper
75 100
77 204.3 0.0 367.6





#73

Bromobenzene

Concen: 17.453 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

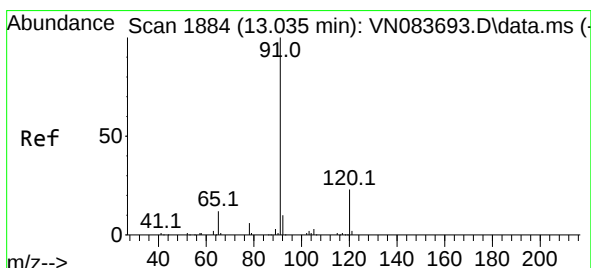
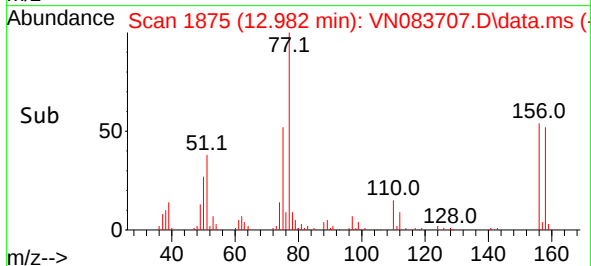
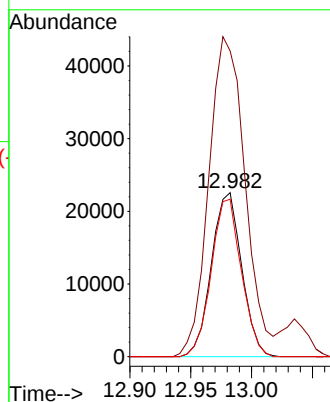
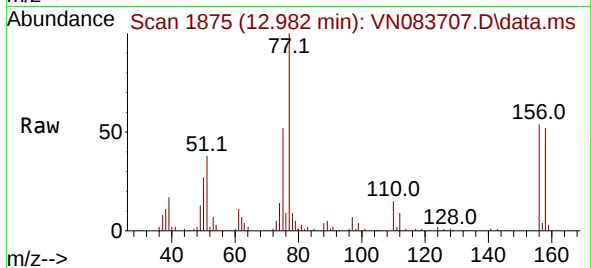
Tgt Ion:	156	Resp:	39028
Ion Ratio	Lower	Upper	
156	100		
77	233.1	0.0	437.6
158	95.6	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#74

n-propylbenzene

Concen: 17.104 ug/l

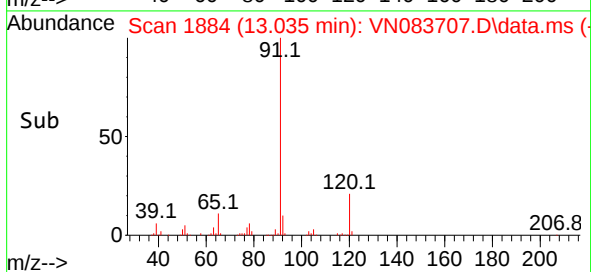
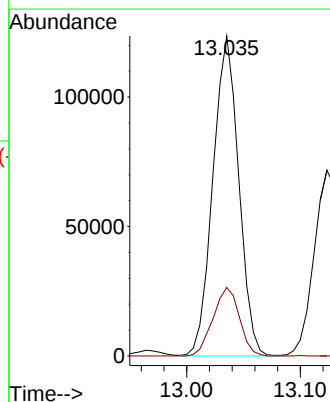
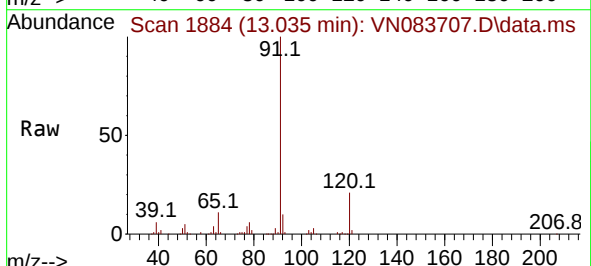
RT: 13.035 min Scan# 1884

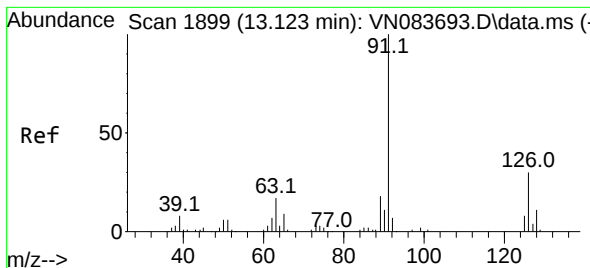
Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Tgt Ion:	91	Resp:	194925
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	43.8





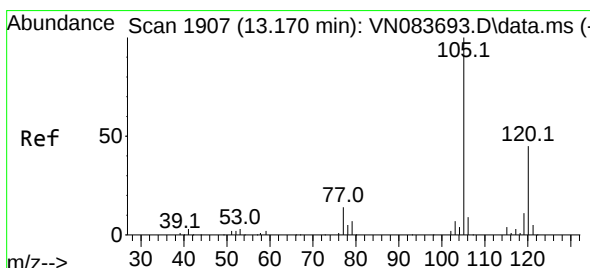
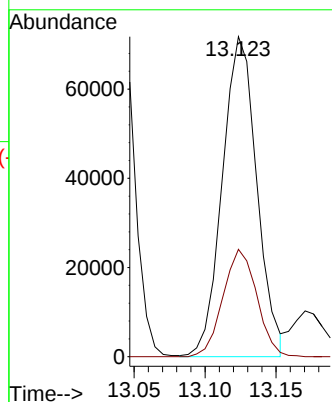
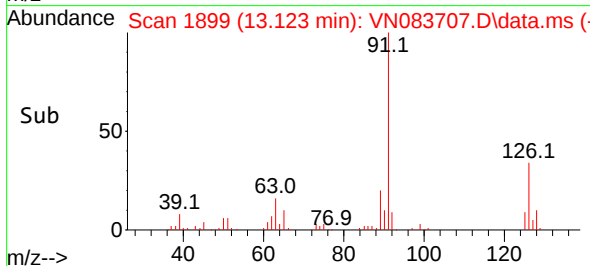
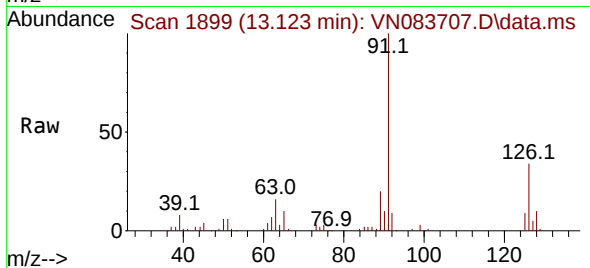
#75
2-Chlorotoluene
Concen: 17.061 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01

Tgt Ion: 91 Resp: 12135
Ion Ratio Lower Upper
91 100
126 32.9 0.0 61.2

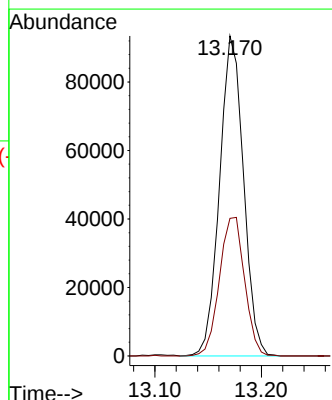
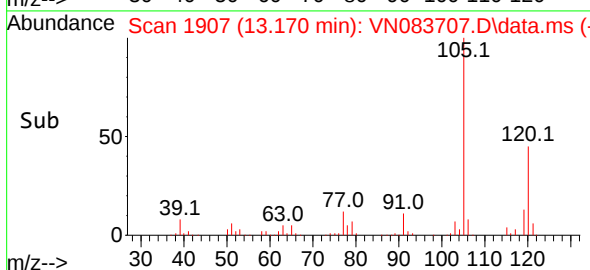
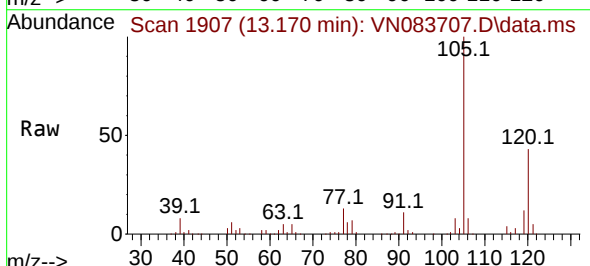
Manual Integrations
APPROVED

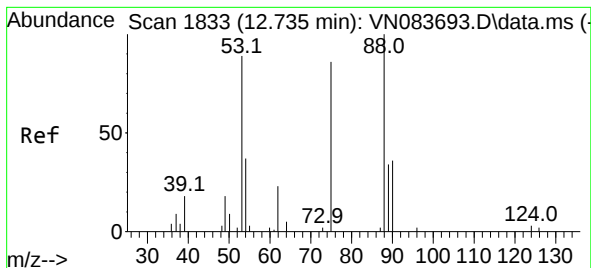
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 17.925 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

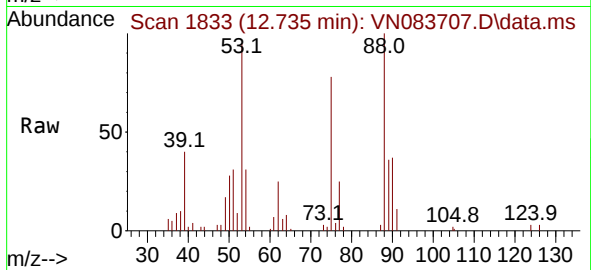
Tgt Ion:105 Resp: 145775
Ion Ratio Lower Upper
105 100
120 45.5 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.459 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

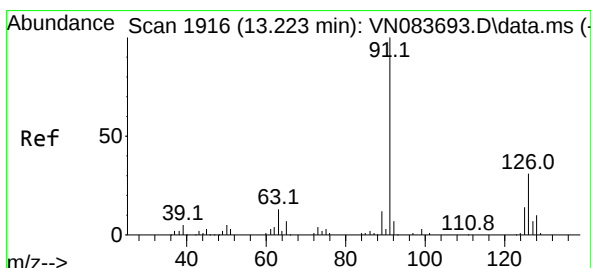
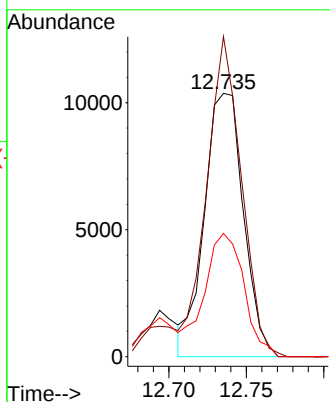
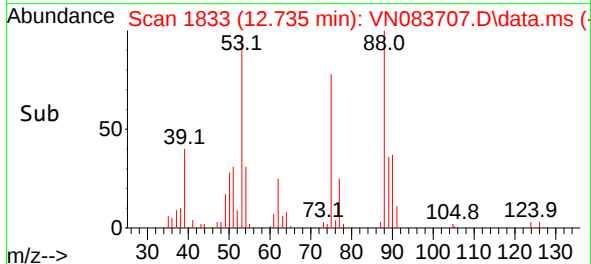
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 75 Resp: 18190
Ion Ratio Lower Upper
75 100
53 120.1 45.9 137.7
89 46.8 25.9 77.7

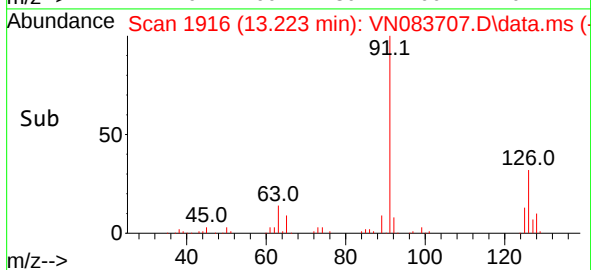
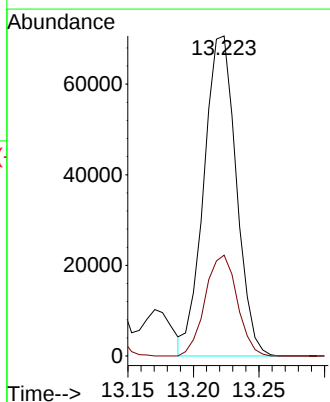
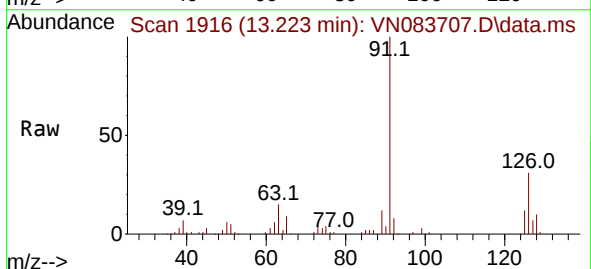
Manual Integrations
APPROVED

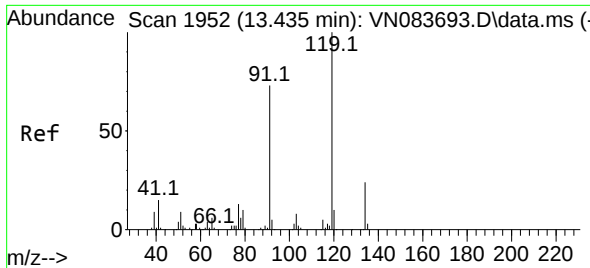
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#78
4-Chlorotoluene
Concen: 16.844 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

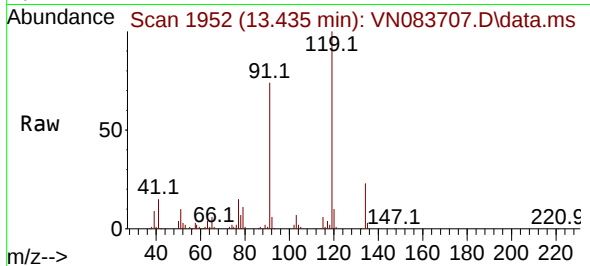
Tgt Ion: 91 Resp: 121506
Ion Ratio Lower Upper
91 100
126 31.0 0.0 62.8





#79
tert-butylbenzene
Concen: 17.912 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

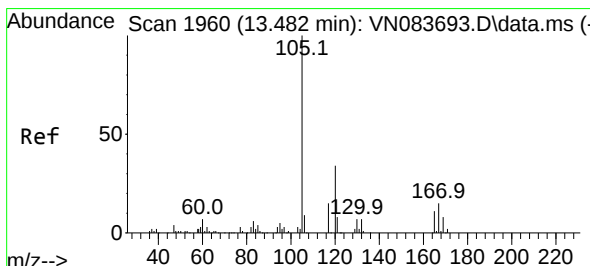
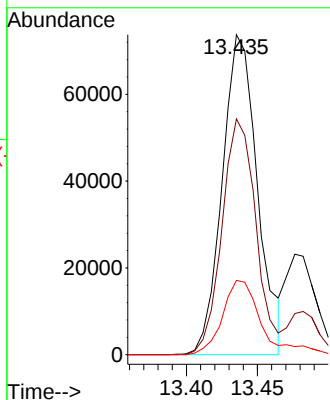
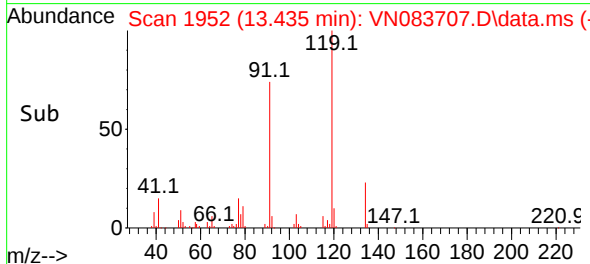
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion:119 Resp: 127370
Ion Ratio Lower Upper
119 100
91 70.8 0.0 138.8
134 25.6 0.0 48.6

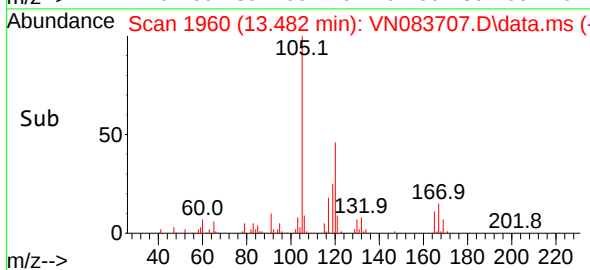
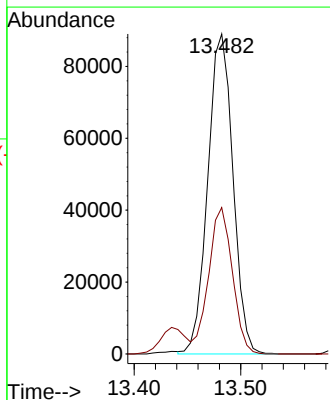
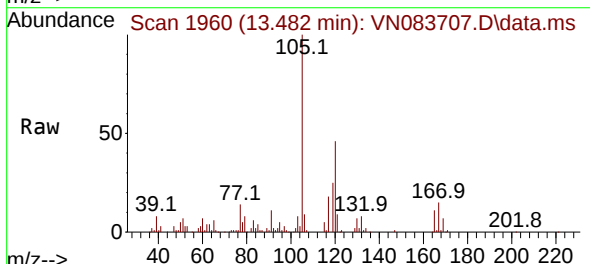
Manual Integrations
APPROVED

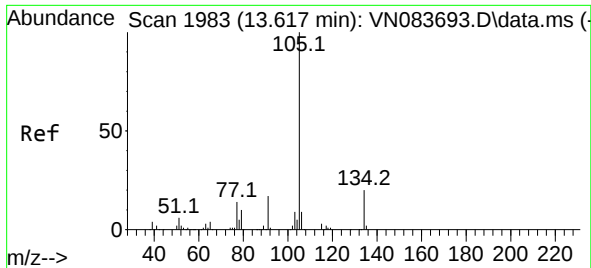
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#80
1,2,4-Trimethylbenzene
Concen: 17.807 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

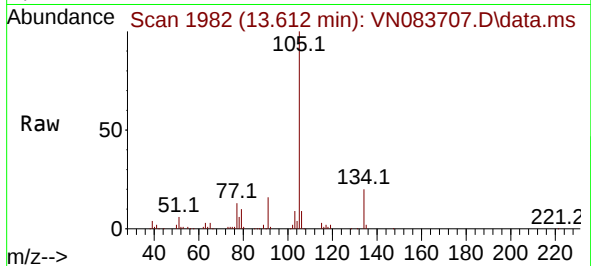
Tgt Ion:105 Resp: 146336
Ion Ratio Lower Upper
105 100
120 43.2 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 17.395 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN083707.D
 Acq: 09 Sep 2024 09:39

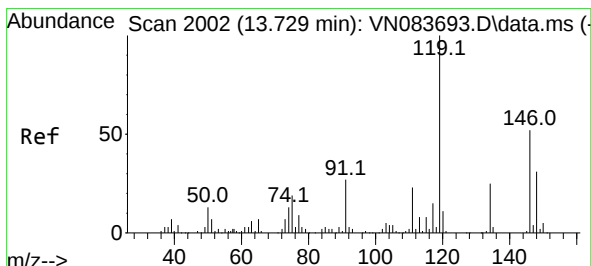
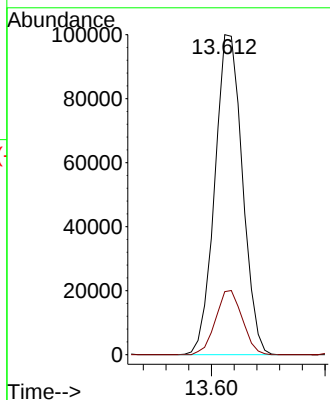
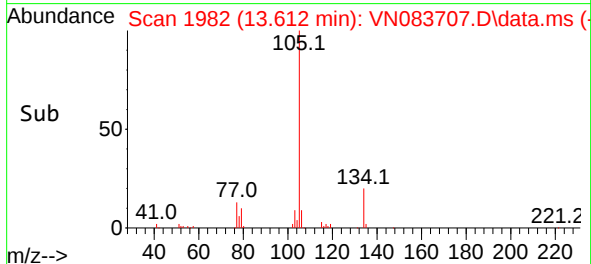
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBS01



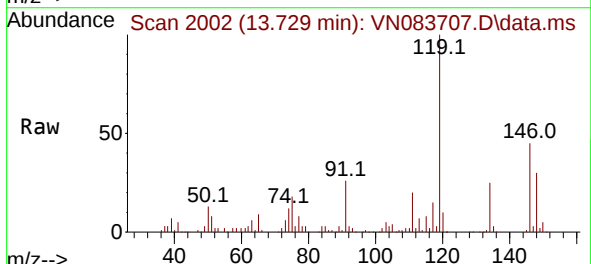
Tgt Ion:105 Resp: 16898
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

Manual Integrations
 APPROVED

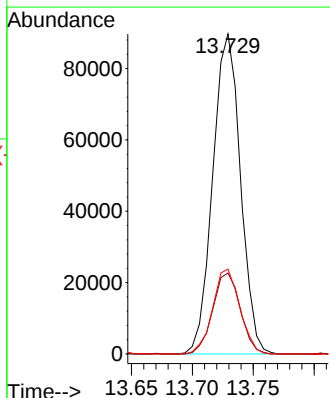
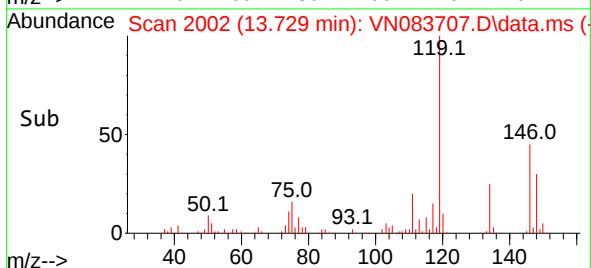
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

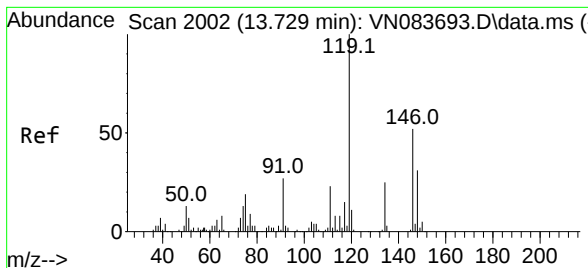


#82
 p-Isopropyltoluene
 Concen: 17.395 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083707.D
 Acq: 09 Sep 2024 09:39



Tgt Ion:119 Resp: 142180
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.2
 91 25.9 0.0 48.8





#83

1,3-Dichlorobenzene

Concen: 16.616 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

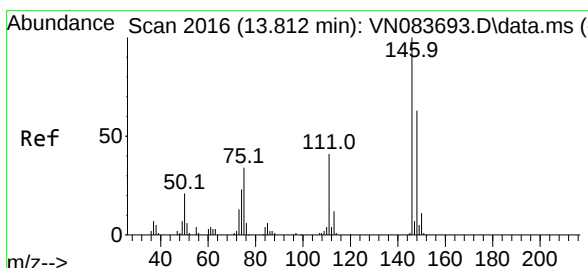
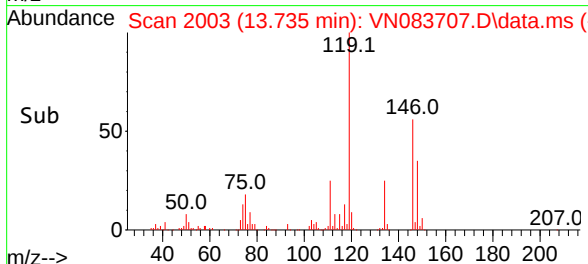
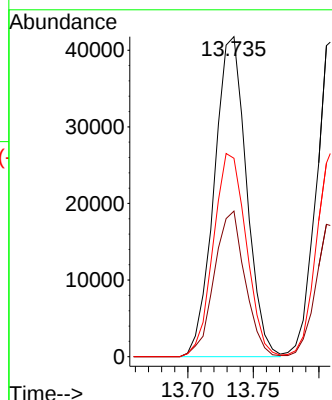
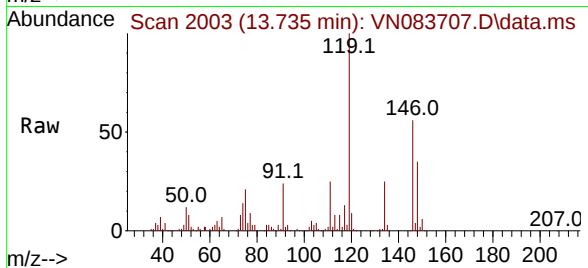
Tgt Ion:	146	Resp:	7151
Ion Ratio	Lower	Upper	
146	100		
111	43.6	22.4	67.0
148	64.7	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#84

1,4-Dichlorobenzene

Concen: 16.796 ug/l

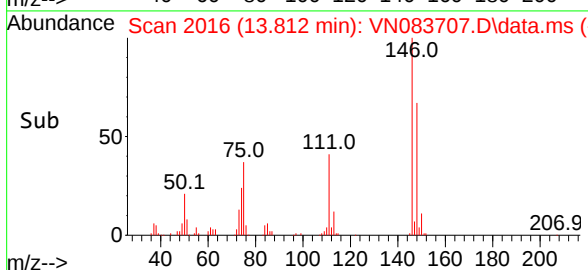
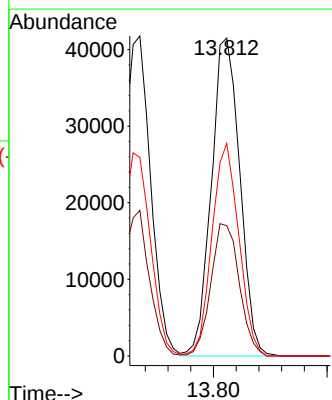
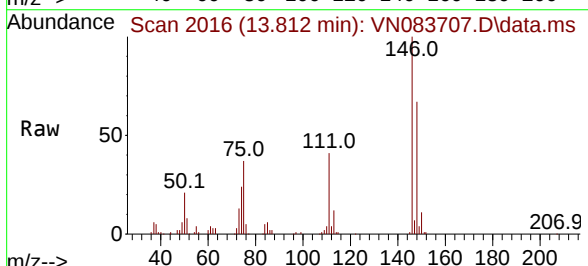
RT: 13.812 min Scan# 2016

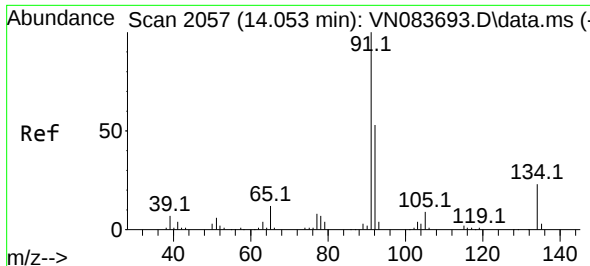
Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

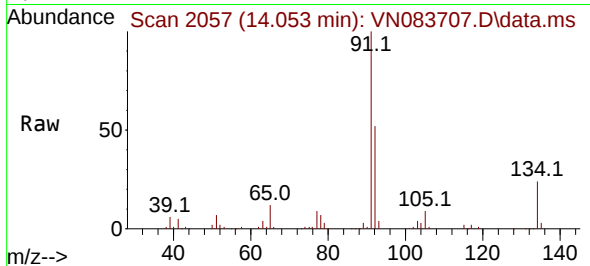
Tgt Ion:	146	Resp:	72270
Ion Ratio	Lower	Upper	
146	100		
111	41.5	21.3	63.9
148	63.1	31.9	95.5





#85
n-Butylbenzene
Concen: 16.585 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

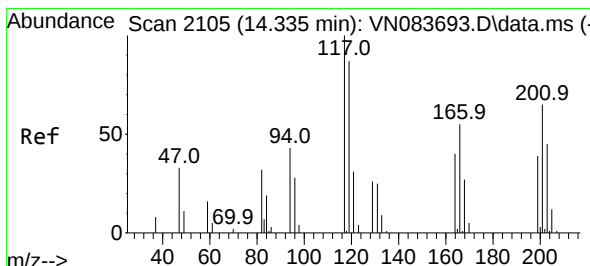
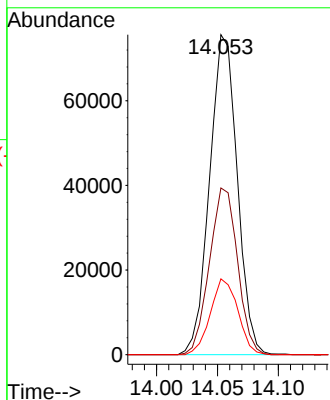
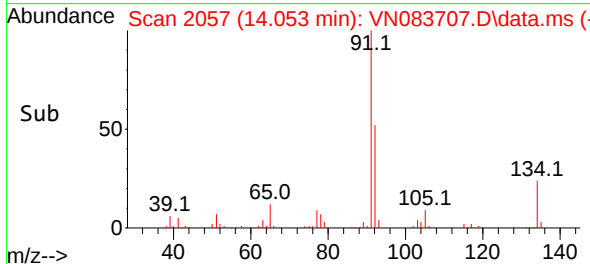
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion: 91 Resp: 11962
Ion Ratio Lower Upper
91 100
92 52.9 0.0 105.0
134 23.5 0.0 51.8

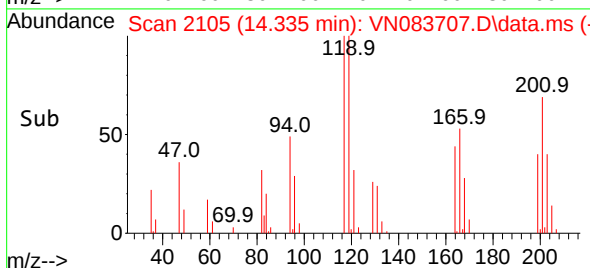
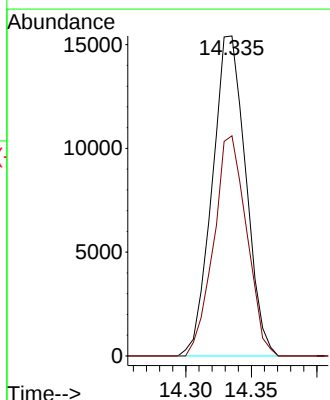
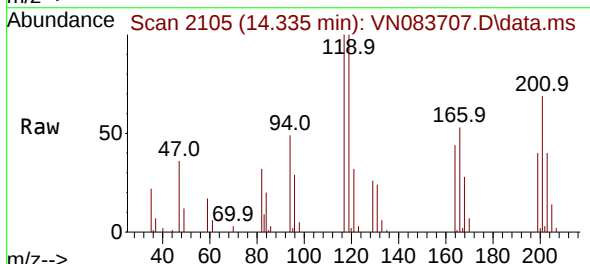
Manual Integrations
APPROVED

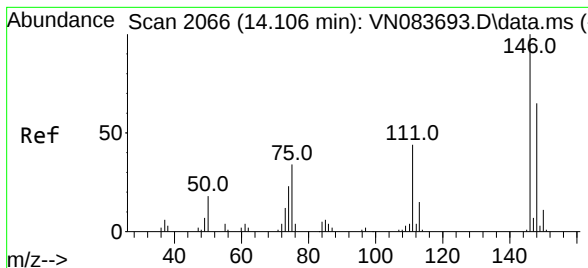
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#86
Hexachloroethane
Concen: 17.717 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion:117 Resp: 27442
Ion Ratio Lower Upper
117 100
201 67.5 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 17.364 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBS01

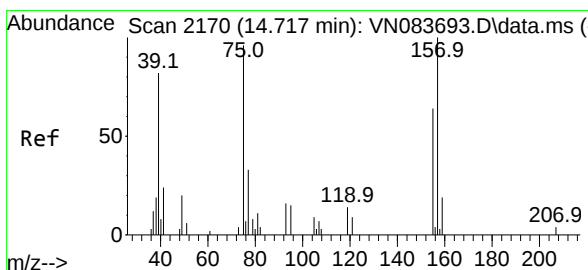
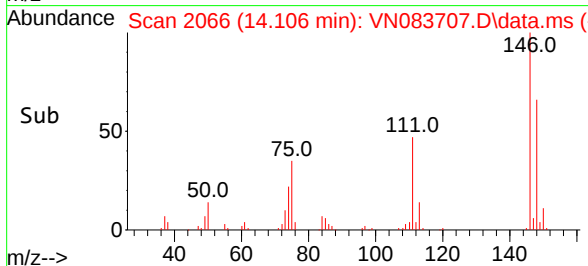
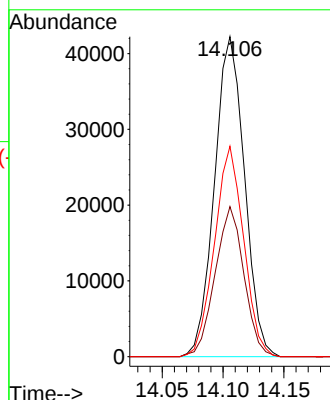
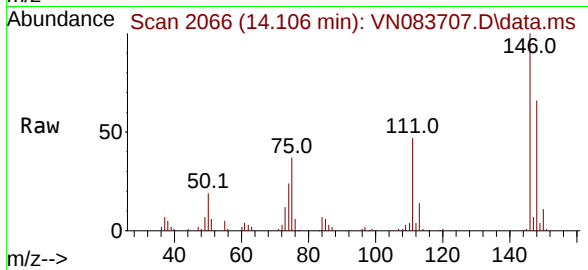
Tgt Ion:146	Resp:	7252
Ion Ratio	Lower	Upper
146	100	
111	45.0	22.6 67.8
148	63.9	31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.075 ug/l

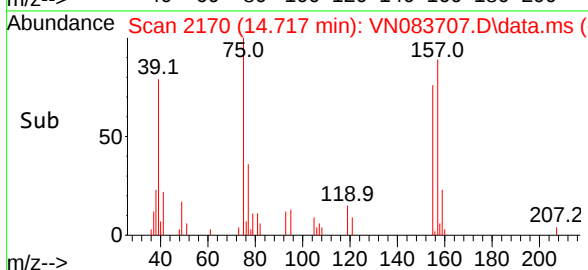
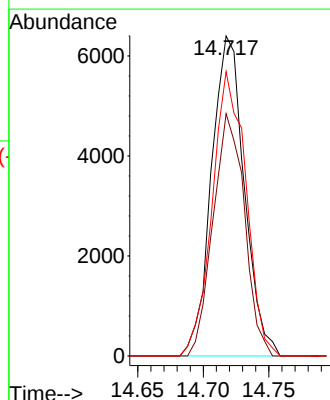
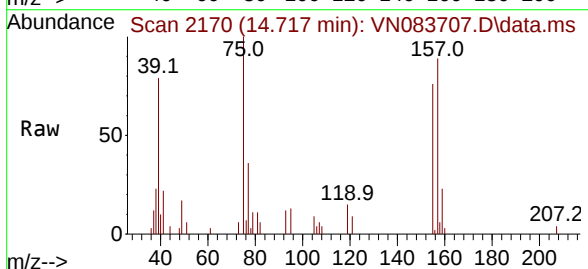
RT: 14.717 min Scan# 2170

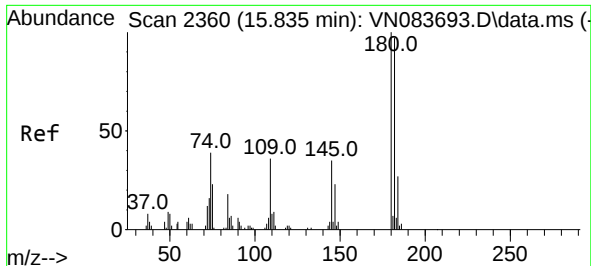
Delta R.T. 0.000 min

Lab File: VN083707.D

Acq: 09 Sep 2024 09:39

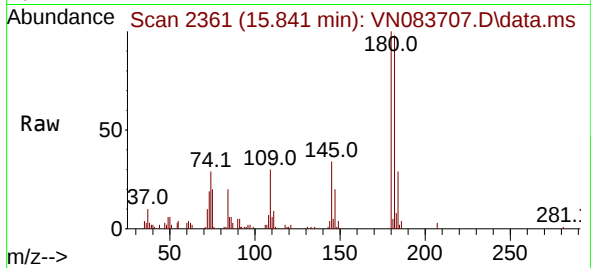
Tgt Ion: 75	Resp:	11147
Ion Ratio	Lower	Upper
75	100	
155	72.2	61.7 92.5
157	90.9	83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 16.578 ug/l
RT: 15.841 min Scan# 2360
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

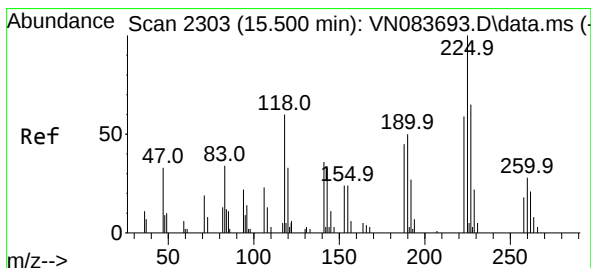
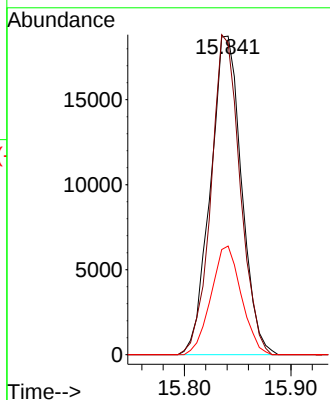
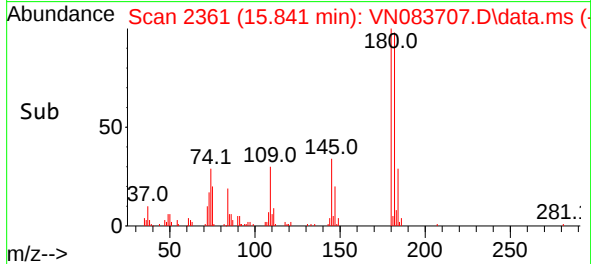
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



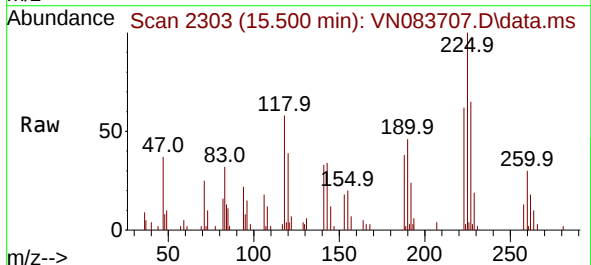
Tgt Ion:180 Resp: 37935
Ion Ratio Lower Upper
180 100
182 93.9 76.4 114.6
145 33.3 28.4 42.6

Manual Integrations
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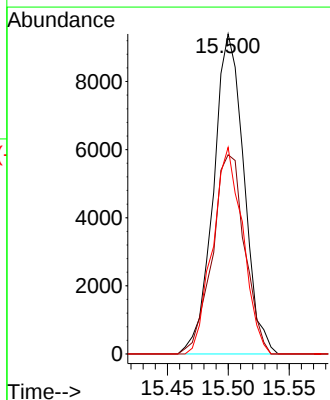
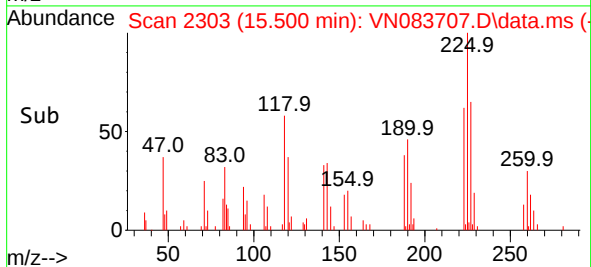
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

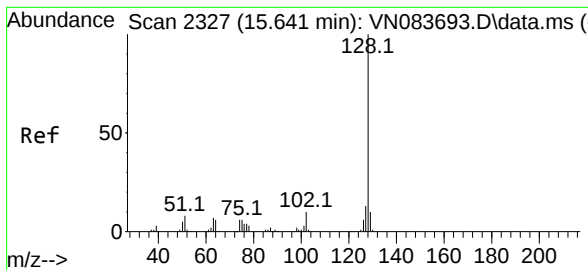


#90
Hexachlorobutadiene
Concen: 17.254 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39



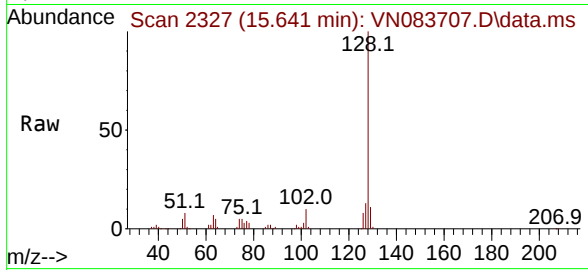
Tgt Ion:225 Resp: 16342
Ion Ratio Lower Upper
225 100
223 66.2 0.0 126.6
227 64.1 0.0 126.6





#91
Naphthalene
Concen: 16.674 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

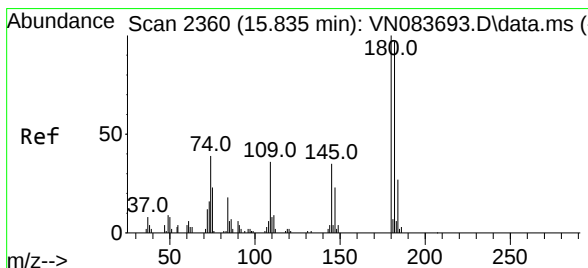
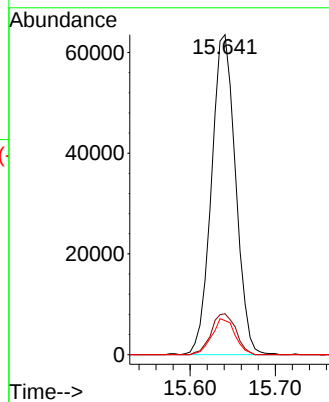
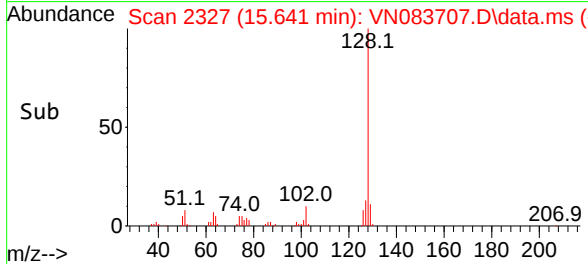
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBS01



Tgt Ion:128 Resp: 124740
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.578 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083707.D
Acq: 09 Sep 2024 09:39

Tgt Ion:180 Resp: 37935
Ion Ratio Lower Upper
180 100
182 93.9 0.0 191.0
145 33.3 0.0 71.0

