

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083695.D
 Acq On : 06 Sep 2024 14:35
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090624

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 23:45:57 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	30147	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	175573	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	157735	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	83838	30.424	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.400%			
60) 4-Bromofluorobenzene	12.847	95	79825	29.363	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.867%			
63) Toluene-d8	10.565	98	219216	30.014	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	36955	18.305	ug/l	94
3) Chloromethane	2.360	50	39149	18.663	ug/l	97
4) Vinyl Chloride	2.512	62	40156	18.622	ug/l	96
5) Bromomethane	2.901	94	21581	17.912	ug/l	99
6) Chloroethane	3.071	64	27094	18.763	ug/l	94
7) Trichlorofluoromethane	3.471	101	66776	18.470	ug/l	96
8) Diethyl Ether	3.959	74	23084	18.791	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	35885	18.479	ug/l	94
10) 1,1-Dichloroethene	4.324	96	34434	18.378	ug/l	89
11) Methyl Iodide	4.571	142	46693	18.347	ug/l	93
12) Methyl Acetate	5.018	43	41127	18.200	ug/l #	77
13) Acrolein	4.177	56	34606	104.937	ug/l	99
14) Acrylonitrile	5.718	53	83024	90.791	ug/l	98
15) Acetone	4.436	58	25862	85.256	ug/l	80
16) Carbon Disulfide	4.701	76	92190	17.410	ug/l	98
17) Allyl chloride	5.018	41	57795	17.590	ug/l	87
18) Methylene Chloride	5.271	84	37276	18.184	ug/l	93
19) trans-1,2-Dichloroethene	5.783	96	34945	17.995	ug/l	90
20) Diisopropyl ether	6.665	45	117975	17.779	ug/l	95
21) 1,1-Dichloroethane	6.565	63	69490	18.342	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	42879	18.142	ug/l	94
23) tert-Butyl Alcohol	5.542	59	31493	93.850	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	122458	18.391	ug/l #	87
25) Chloroform	7.965	83	72937	18.167	ug/l	91
26) Cyclohexane	8.253	56	60615	18.166	ug/l #	88
29) 1,1-Dichloropropene	8.371	75	49709	17.850	ug/l	97
30) 2-Butanone	7.477	43	116443	88.703	ug/l	96
31) 2,2-Dichloropropane	7.489	77	64665	18.213	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	67462	18.139	ug/l	97
33) Carbon Tetrachloride	8.359	117	58625	18.202	ug/l	97
34) Benzene	8.600	78	154080	18.440	ug/l #	94
35) Methacrylonitrile	7.777	41	27774	18.821	ug/l	90
36) 1,2-Dichloroethane	8.671	62	58520	18.630	ug/l	95
37) Trichloroethene	9.347	130	35995	18.345	ug/l	96
38) Methylcyclohexane	9.600	83	59506	17.848	ug/l	96
39) 1,2-Dichloropropane	9.618	63	37998	18.895	ug/l	97
40) Dibromomethane	9.706	93	26868	18.272	ug/l	94
41) Bromodichloromethane	9.888	83	56589	18.098	ug/l #	98
42) Vinyl Acetate	6.600	43	447762	82.960	ug/l	97

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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)
43) Ethyl Acetate	7.559	43	48726	18.441	ug/l	99
44) Isopropyl Acetate	8.689	43	83095	18.183	ug/l	91
45) 1,4-Dioxane	9.694	88	13881	389.428	ug/l #	95
46) Methyl methacrylate	9.683	41	41140	18.598	ug/l	80
47) n-amyl Acetate	12.494	43	74413	18.382	ug/l #	88
48) t-1,3-Dichloropropene	10.835	75	55950	17.011	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	60780	17.769	ug/l #	84
50) 1,1,2-Trichloroethane	11.018	97	34549	18.465	ug/l	97
51) Ethyl methacrylate	10.871	69	57196	17.893	ug/l	76
52) 1,3-Dichloropropane	11.159	76	60931	18.033	ug/l	99
53) Dibromochloromethane	11.359	129	40391	17.998	ug/l	97
54) 1,2-Dibromoethane	11.465	107	34942	18.052	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	113687	89.240	ug/l	99
56) Bromoform	12.576	173	24751	17.360	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	234399	93.719	ug/l #	89
59) 2-Hexanone	11.194	43	172578	91.318	ug/l	89
61) Tetrachloroethene	11.100	164	29454	17.644	ug/l	96
62) Toluene	10.630	91	164945	18.193	ug/l	99
64) Chlorobenzene	11.888	112	100355	17.878	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	36551	18.692	ug/l	97
66) Ethyl Benzene	11.965	91	183486	17.796	ug/l	97
67) m/p-Xylenes	12.071	106	136830	36.072	ug/l	98
68) o-Xylene	12.400	106	66805	18.197	ug/l	97
69) Styrene	12.412	104	108426	17.479	ug/l	97
70) Isopropylbenzene	12.694	105	176773	18.246	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	48547	18.347	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	42935m	18.507	ug/l	
73) Bromobenzene	12.982	156	38434	17.272	ug/l	91
74) n-propylbenzene	13.035	91	198876	17.536	ug/l	99
75) 2-Chlorotoluene	13.124	91	127557	18.021	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	145043	17.923	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	16359	16.682	ug/l	88
78) 4-Chlorotoluene	13.224	91	125678	17.508	ug/l	99
79) tert-butylbenzene	13.435	119	124104	17.537	ug/l	95
80) 1,2,4-Trimethylbenzene	13.482	105	145402	17.779	ug/l	99
81) sec-Butylbenzene	13.618	105	171738	17.765	ug/l	100
82) p-Isopropyltoluene	13.729	119	143309	17.619	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	75417	17.609	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	70917	16.562	ug/l	99
85) n-Butylbenzene	14.053	91	119488	16.647	ug/l	99
86) Hexachloroethane	14.335	117	27292	17.706	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	72952	17.551	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	10491	18.041	ug/l	87
89) 1,2,4-Trichlorobenzene	15.841	180	36058	15.835	ug/l	100
90) Hexachlorobutadiene	15.500	225	15748	16.708	ug/l	98
91) Naphthalene	15.641	128	120645	16.206	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	36058	15.835	ug/l	100

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



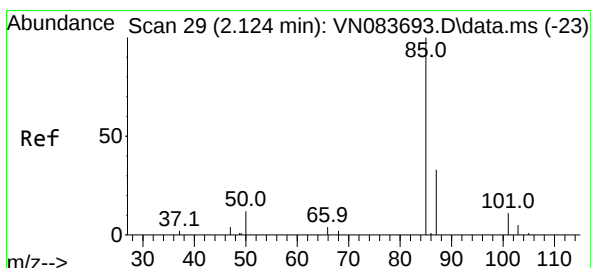
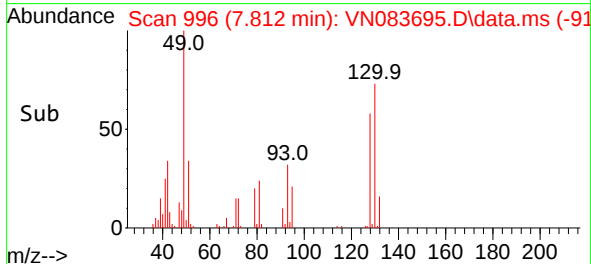
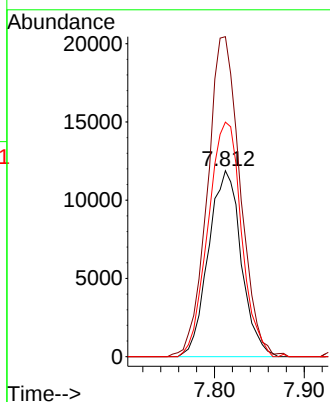
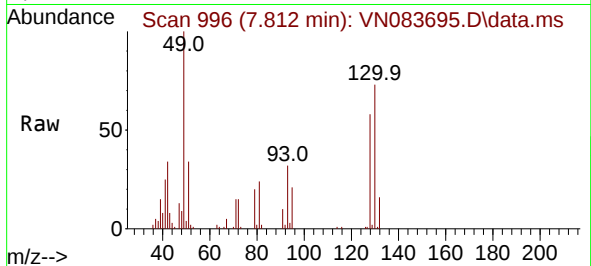
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083695.D
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Instrument :
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Tgt Ion:128 Resp: 3014
Ion Ratio Lower Upper
128 100
49 171.3 0.0 403.7
130 128.5 0.0 323.3

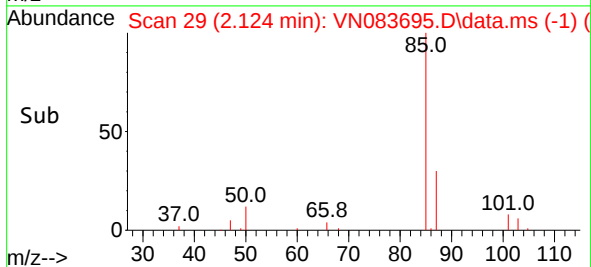
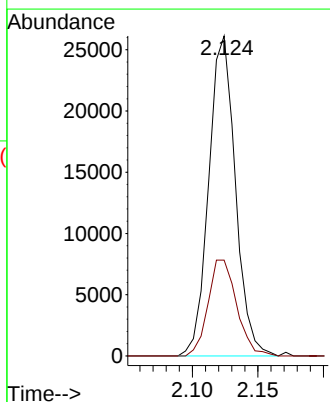
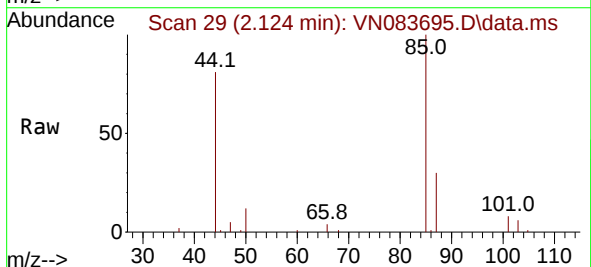
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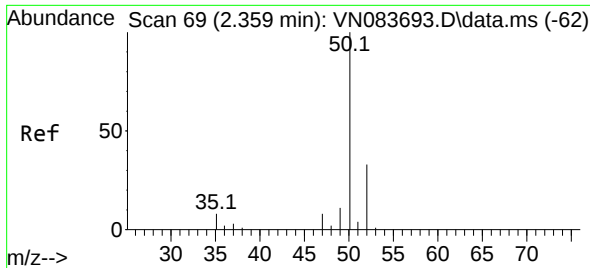
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#2
Dichlorodifluoromethane
Concen: 18.305 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

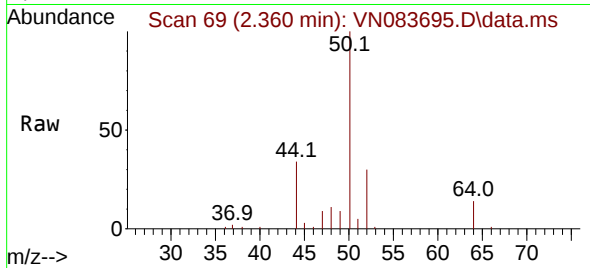
Tgt Ion: 85 Resp: 36955
Ion Ratio Lower Upper
85 100
87 30.0 16.8 50.3





#3
Chloromethane
Concen: 18.663 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

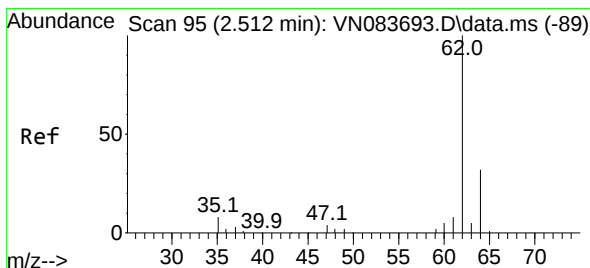
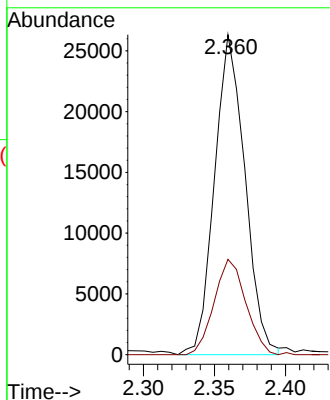
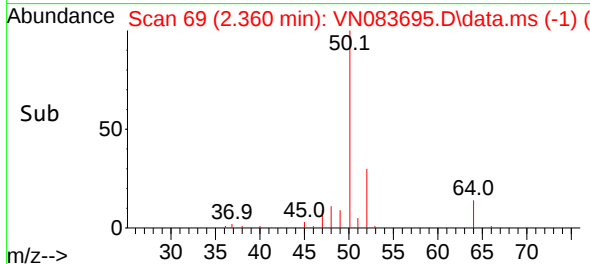
Instrument :
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ClientSampleId :
ICVVN090624



Tgt Ion: 50 Resp: 39149
Ion Ratio Lower Upper
50 100
52 29.8 25.4 38.0

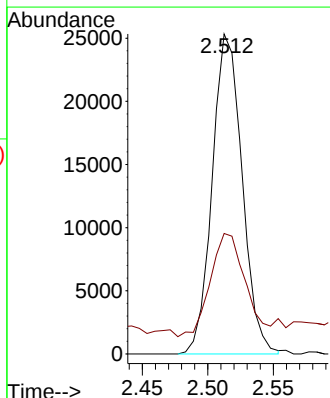
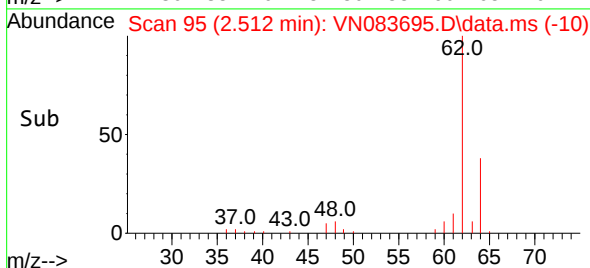
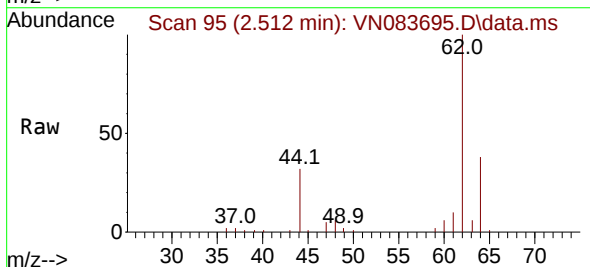
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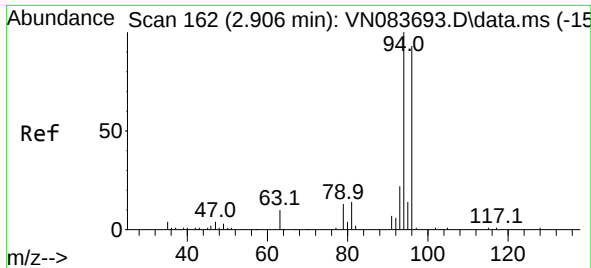
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#4
Vinyl Chloride
Concen: 18.622 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 62 Resp: 40156
Ion Ratio Lower Upper
62 100
64 32.3 24.1 36.1





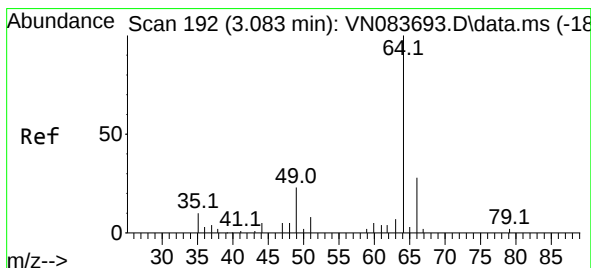
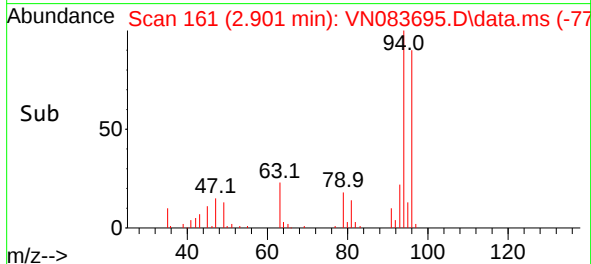
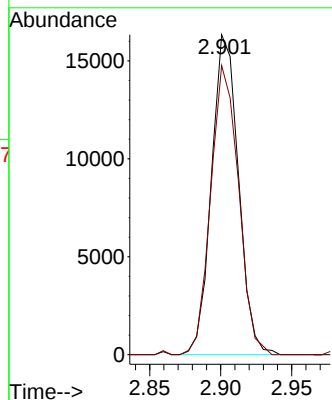
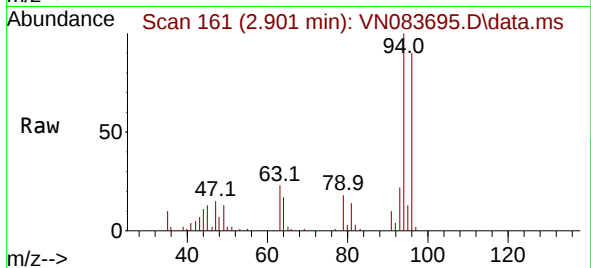
#5
Bromomethane
Concen: 17.912 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 2158
Ion Ratio Lower Upper
94 100
96 90.3 72.8 109.2

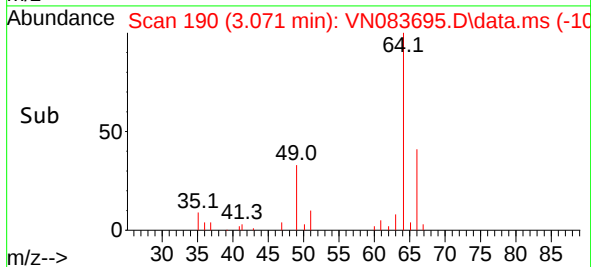
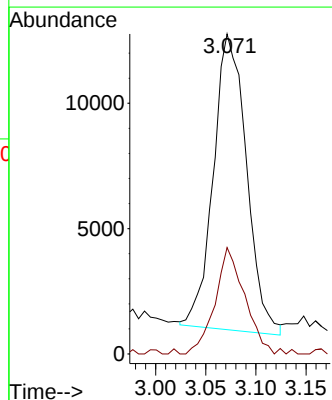
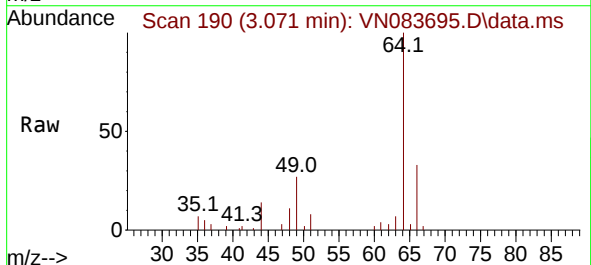
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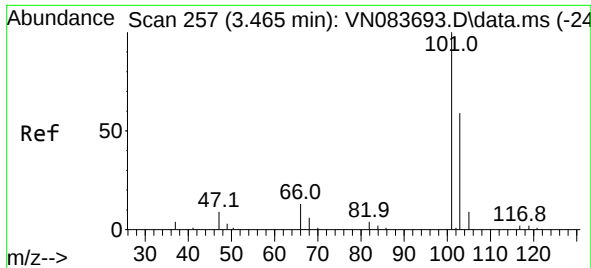
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#6
Chloroethane
Concen: 18.763 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 64 Resp: 27094
Ion Ratio Lower Upper
64 100
66 36.6 26.7 40.1





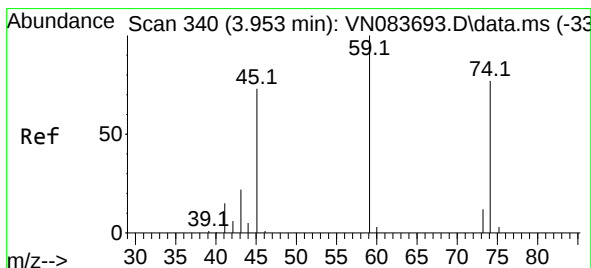
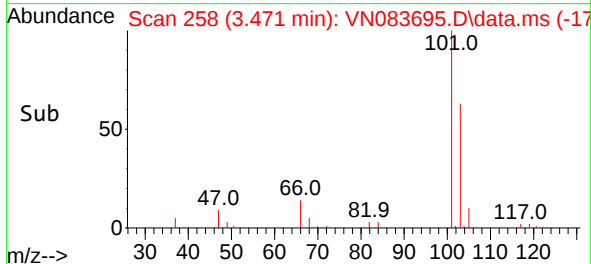
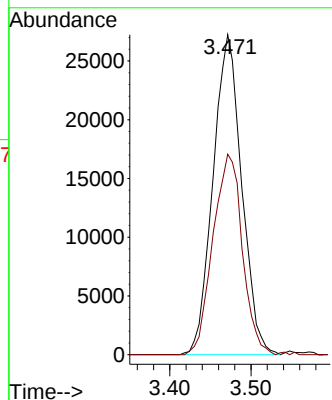
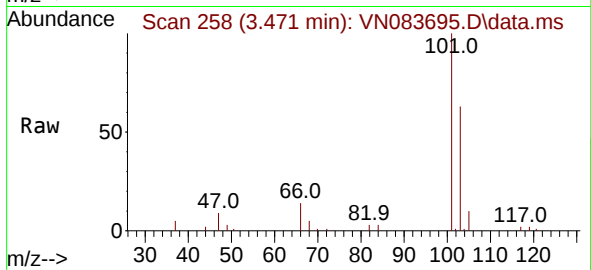
#7
Trichlorofluoromethane
Concen: 18.470 ug/l
RT: 3.471 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
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Tgt Ion:101 Resp: 66770
Ion Ratio Lower Upper
101 100
103 62.7 53.0 79.4

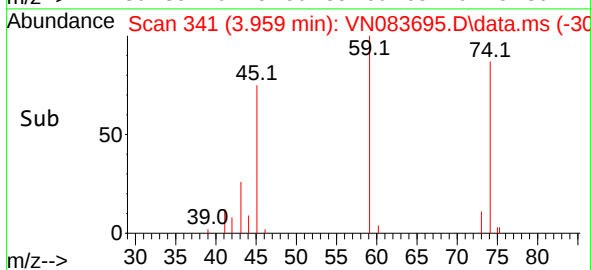
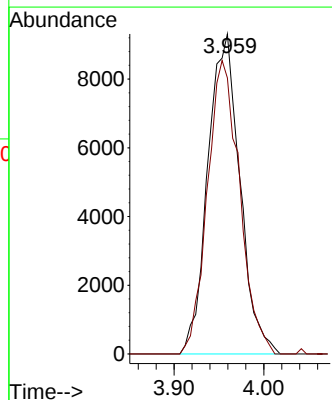
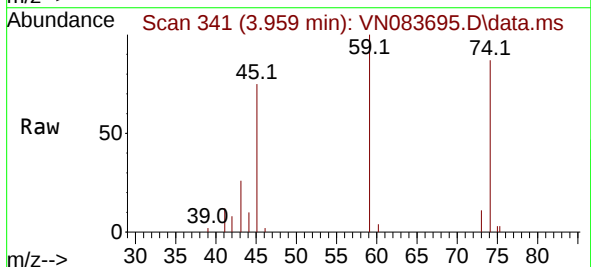
Manual Integrations
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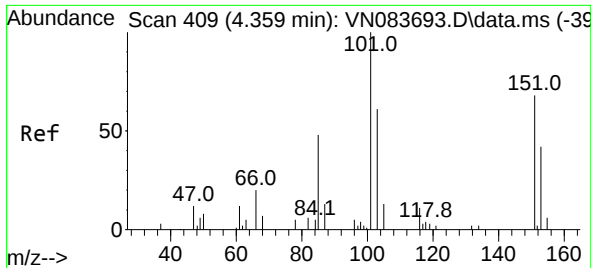
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#8
Diethyl Ether
Concen: 18.791 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 74 Resp: 23084
Ion Ratio Lower Upper
74 100
45 92.3 16.4 147.4





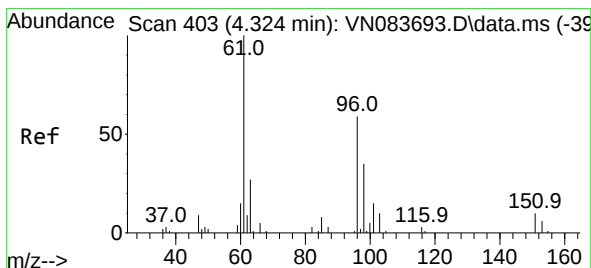
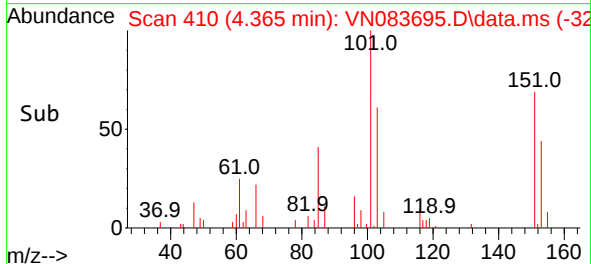
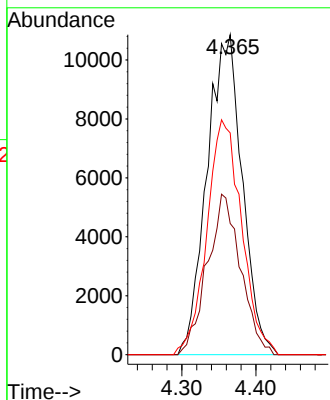
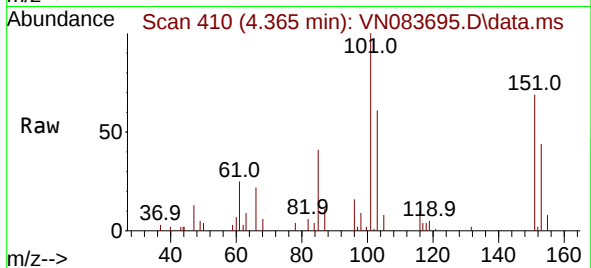
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1,1,2-Trichlorotrifluoroethane
Concen: 18.479 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion:101 Resp: 3588
Ion Ratio Lower Upper
101 100
85 47.4 0.0 90.6
151 72.4 0.0 157.6

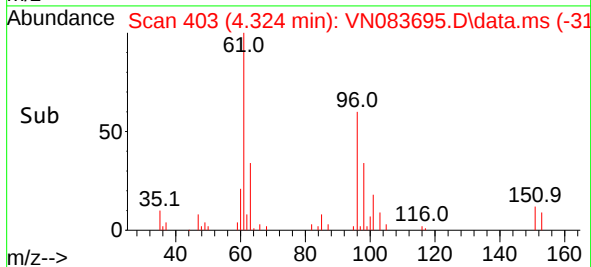
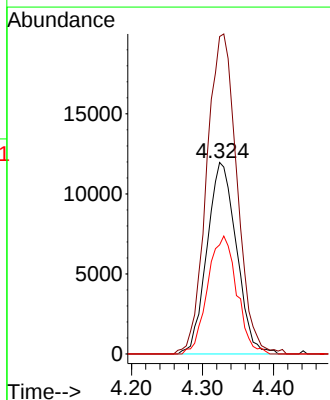
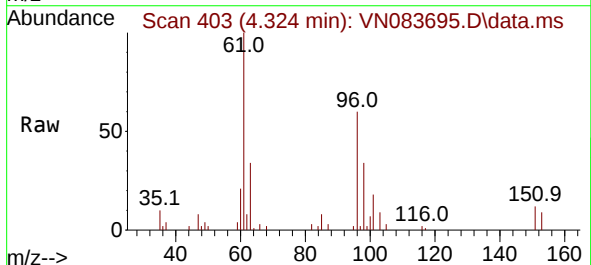
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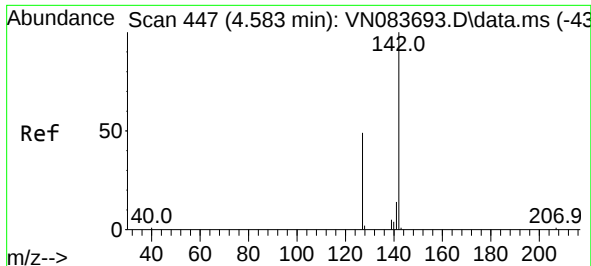
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#10
1,1-Dichloroethene
Concen: 18.378 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

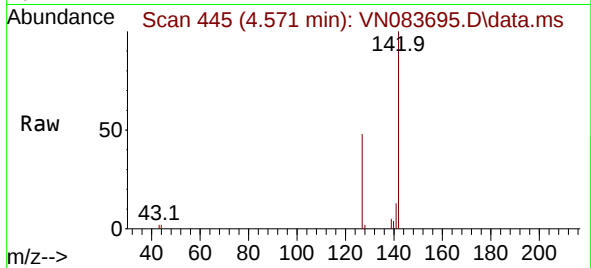
Tgt Ion: 96 Resp: 34434
Ion Ratio Lower Upper
96 100
61 164.3 117.6 176.4
98 57.0 48.4 72.6





#11
Methyl Iodide
Concen: 18.347 ug/l
RT: 4.571 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

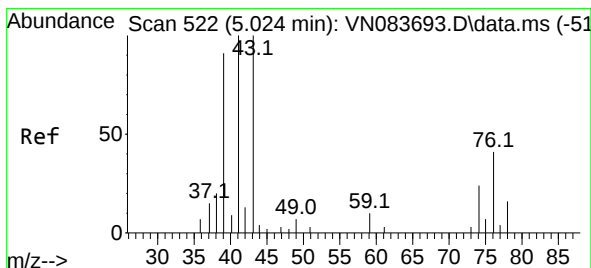
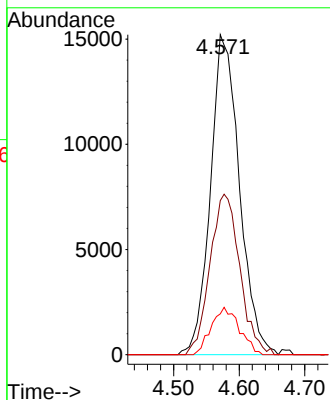
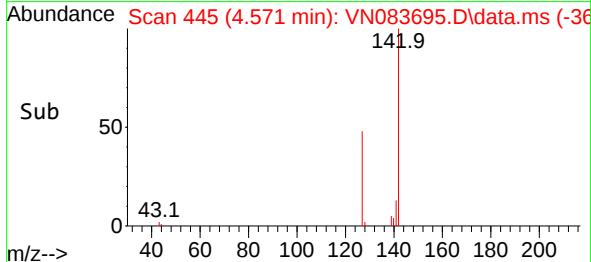
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion:142 Resp: 4669
Ion Ratio Lower Upper
142 100
127 48.1 26.3 78.9
141 12.7 8.3 24.9

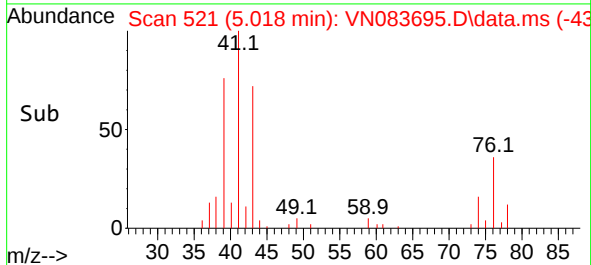
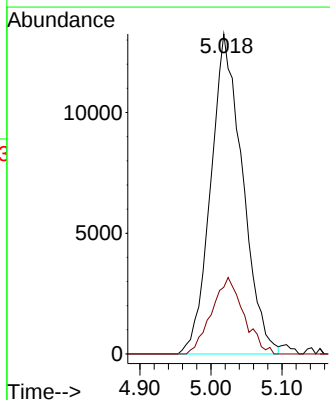
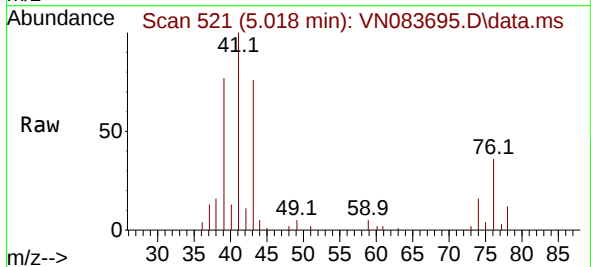
Manual Integrations
APPROVED

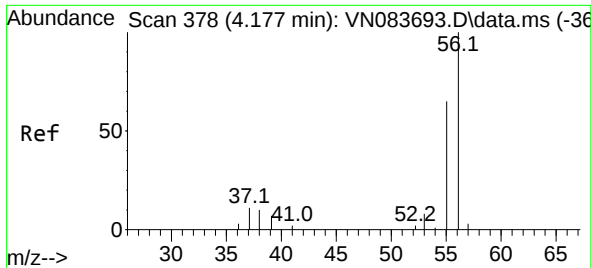
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#12
Methyl Acetate
Concen: 18.200 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 43 Resp: 41127
Ion Ratio Lower Upper
43 100
74 21.1 27.7 41.5#





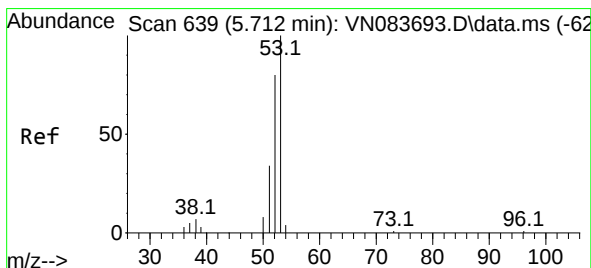
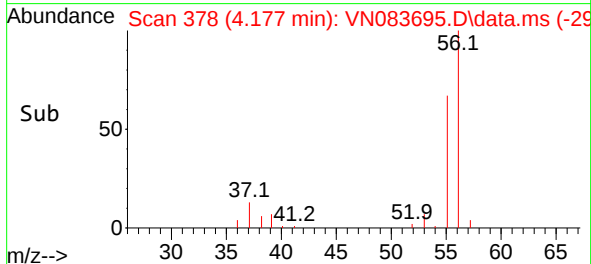
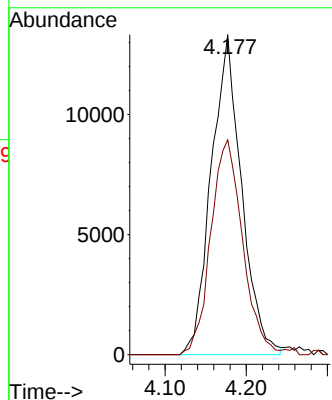
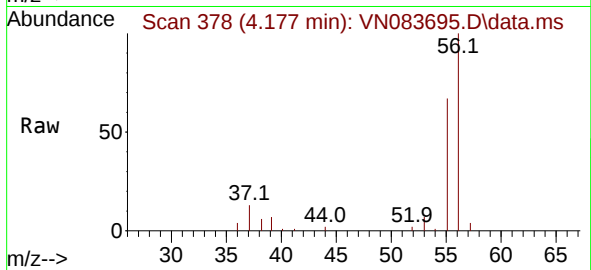
#13
Acrolein
Concen: 104.937 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion: 56 Resp: 34600
Ion Ratio Lower Upper
56 100
55 70.3 55.5 83.3

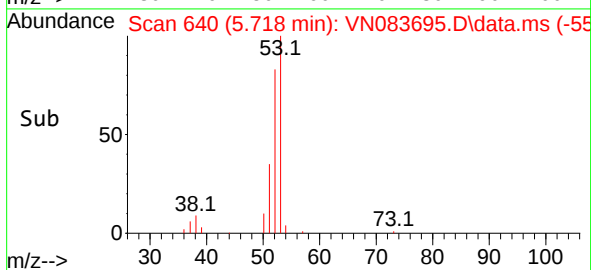
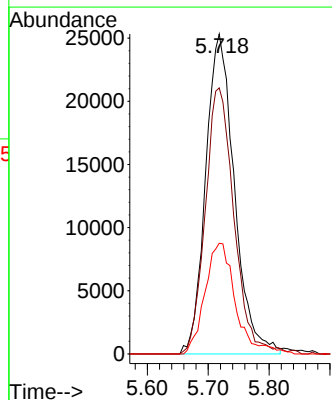
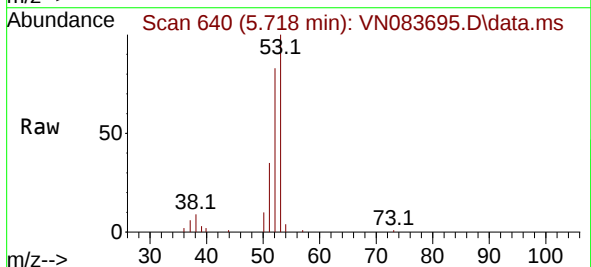
Manual Integrations
APPROVED

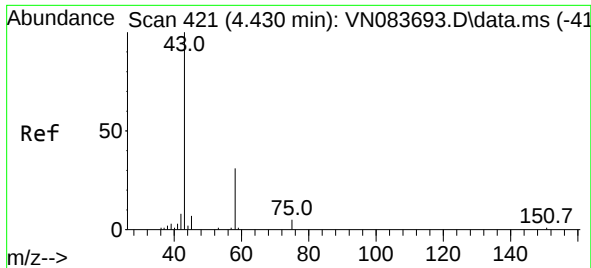
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#14
Acrylonitrile
Concen: 90.791 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 53 Resp: 83024
Ion Ratio Lower Upper
53 100
52 81.5 41.3 123.9
51 35.2 16.8 50.3





#15

Acetone

Concen: 85.256 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

Tgt Ion: 58 Resp: 25862

Ion Ratio Lower Upper

58 100

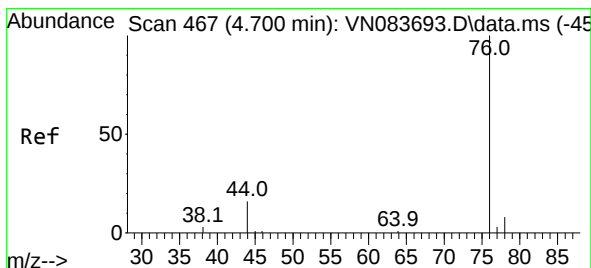
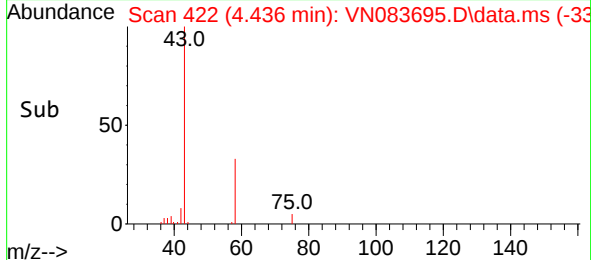
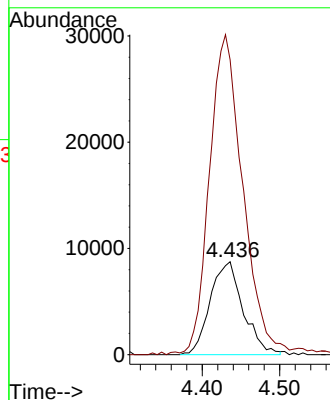
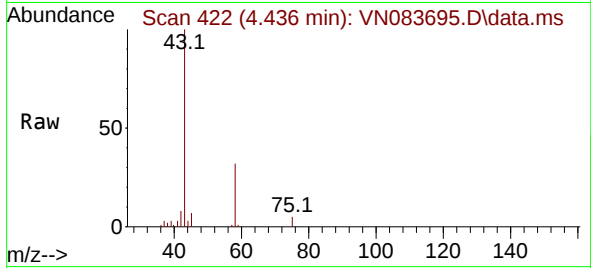
43 315.4 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#16

Carbon Disulfide

Concen: 17.410 ug/l

RT: 4.701 min Scan# 467

Delta R.T. 0.000 min

Lab File: VN083695.D

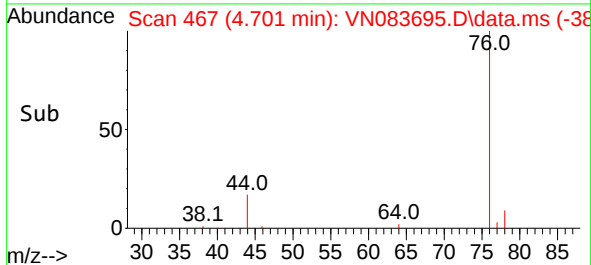
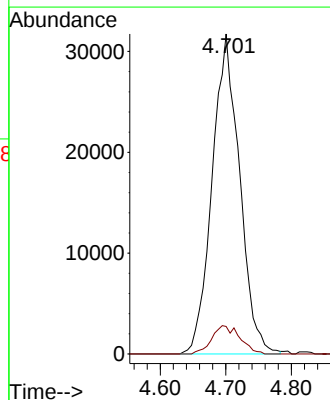
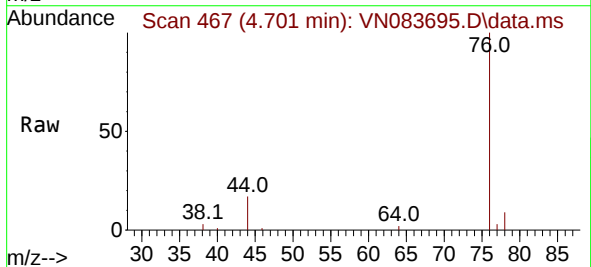
Acq: 06 Sep 2024 14:35

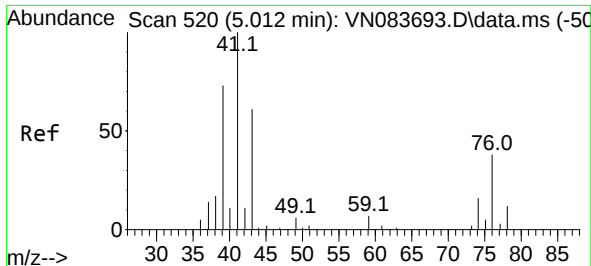
Tgt Ion: 76 Resp: 92190

Ion Ratio Lower Upper

76 100

78 8.6 6.3 9.5





#17

Allyl chloride

Concen: 17.590 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

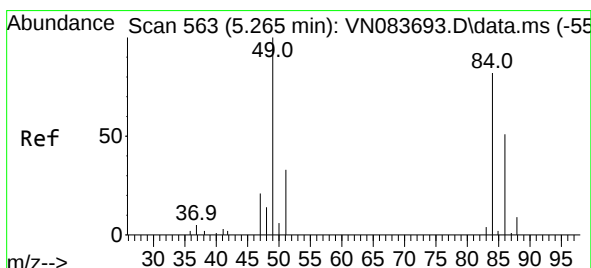
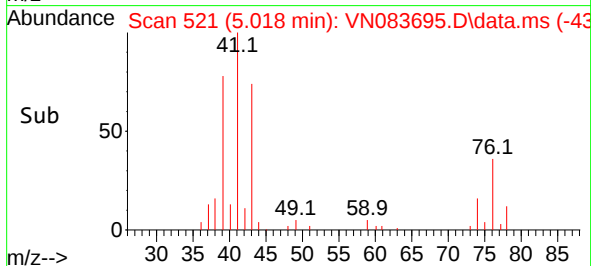
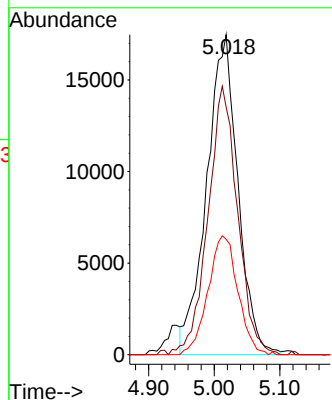
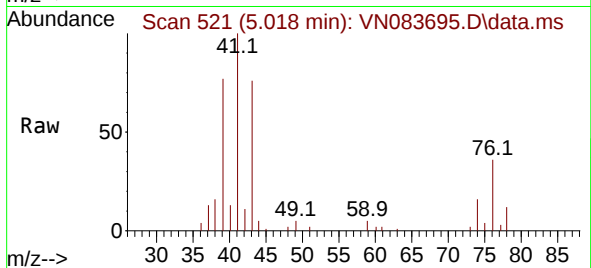
Tgt Ion: 41	Resp: 5779
Ion Ratio	Lower Upper
41 100	
39 78.2	37.6 112.9
76 36.4	27.8 83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#18

Methylene Chloride

Concen: 18.184 ug/l

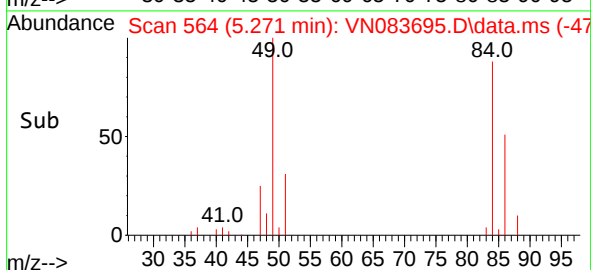
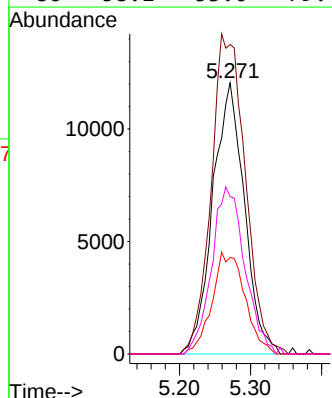
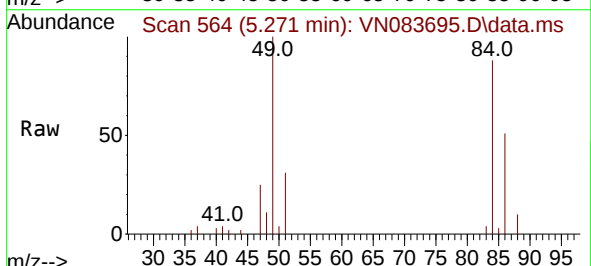
RT: 5.271 min Scan# 564

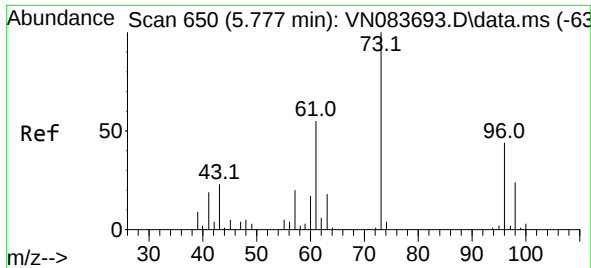
Delta R.T. 0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Tgt Ion: 84	Resp: 37276
Ion Ratio	Lower Upper
84 100	
49 114.2	86.0 129.0
51 35.6	30.0 45.0
86 58.1	53.0 79.4





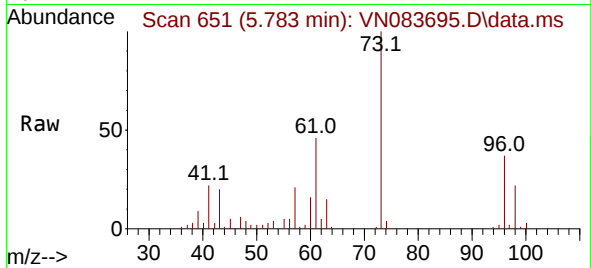
#19
trans-1,2-Dichloroethene
Concen: 17.995 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624



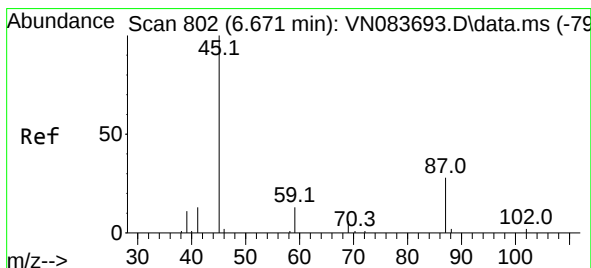
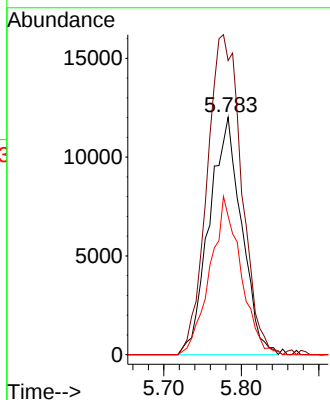
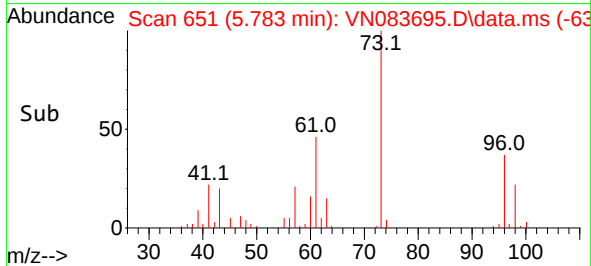
Tgt Ion: 96 Resp: 3494
Ion Ratio Lower Upper
96 100
61 123.9 111.8 167.6
98 58.3 49.2 73.8

Manual Integrations

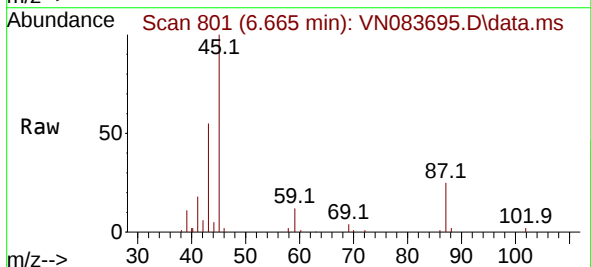
APPROVED

Reviewed By :John Carlone 09/09/2024

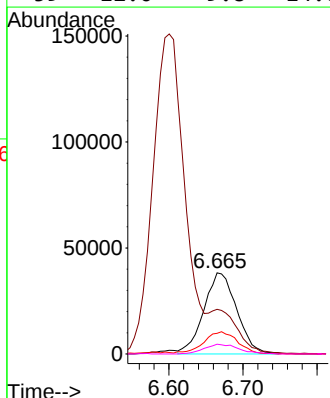
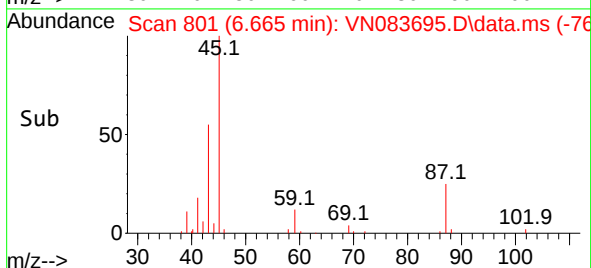
Supervised By :Mahesh Dadoda 09/09/2024

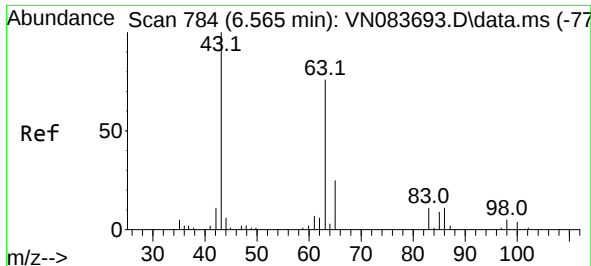


#20
Diisopropyl ether
Concen: 17.779 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



Tgt Ion: 45 Resp: 117975
Ion Ratio Lower Upper
45 100
43 53.4 40.4 60.6
87 25.6 23.8 35.8
59 12.0 9.8 14.6





#21

1,1-Dichloroethane

Concen: 18.342 ug/l

RT: 6.565 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

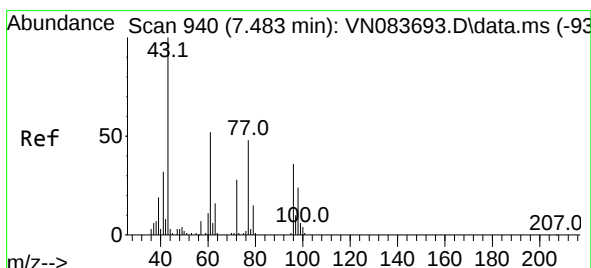
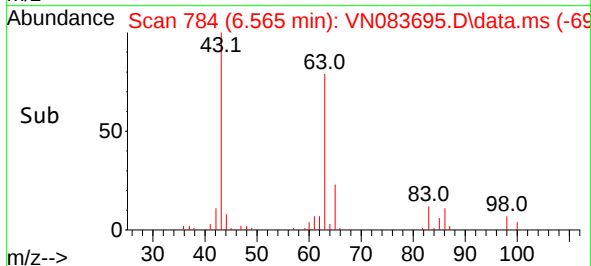
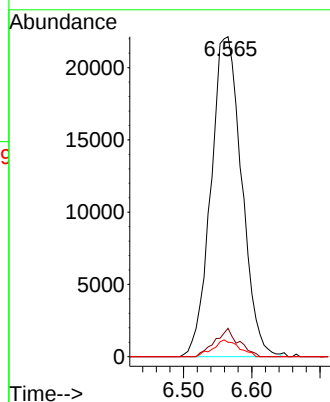
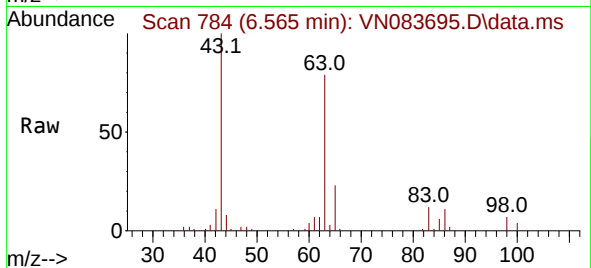
Tgt Ion:	63	Resp:	69490
Ion Ratio	Lower	Upper	
63	100		
98	8.9	4.1	12.3
100	4.5	3.0	9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#22

cis-1,2-Dichloroethene

Concen: 18.142 ug/l

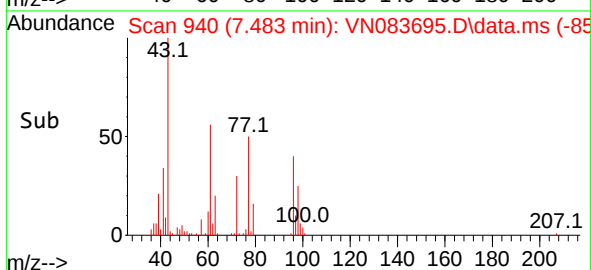
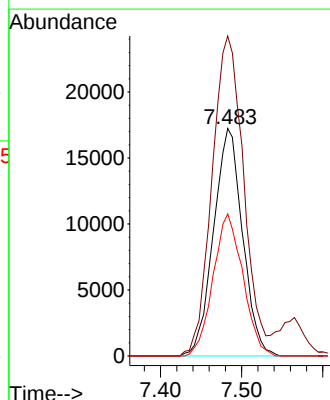
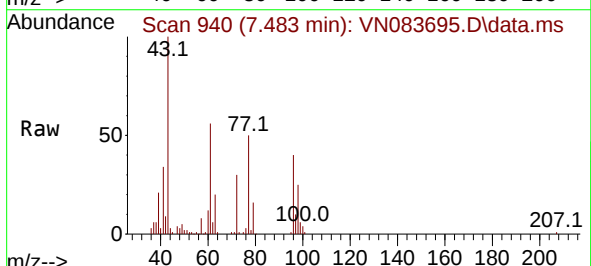
RT: 7.483 min Scan# 940

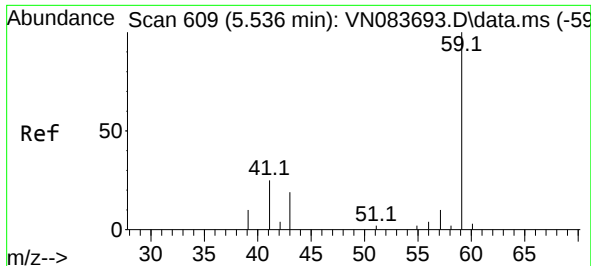
Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

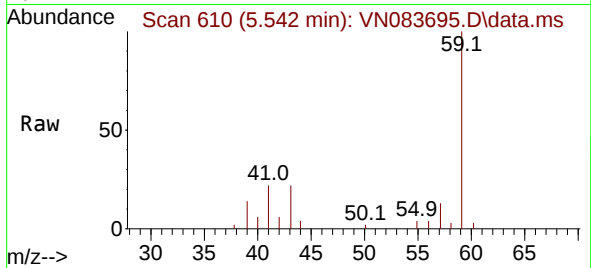
Tgt Ion:	96	Resp:	42879
Ion Ratio	Lower	Upper	
96	100		
61	152.3	113.5	170.3
98	64.0	52.0	78.0





#23
tert-Butyl Alcohol
Concen: 93.850 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

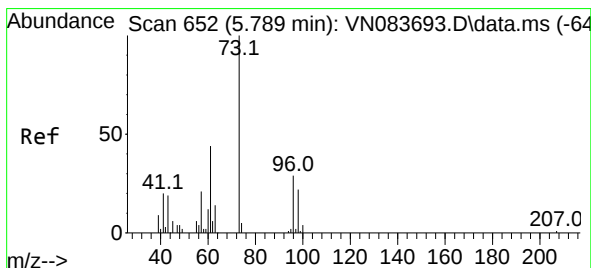
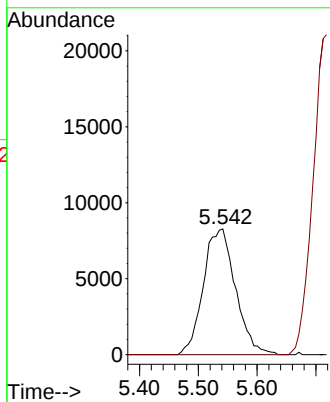
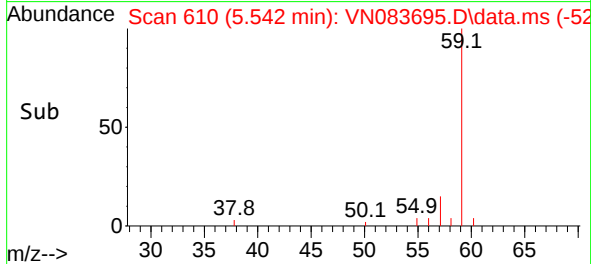
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 59 Resp: 3149
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

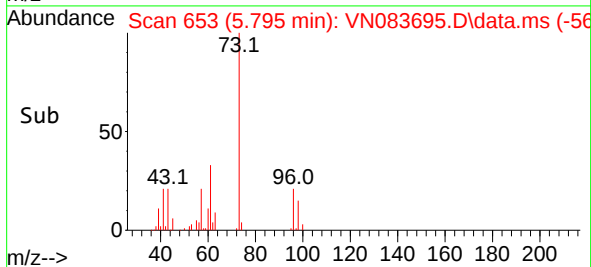
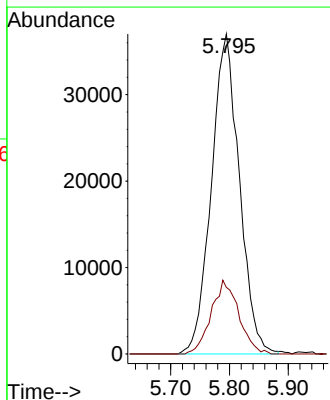
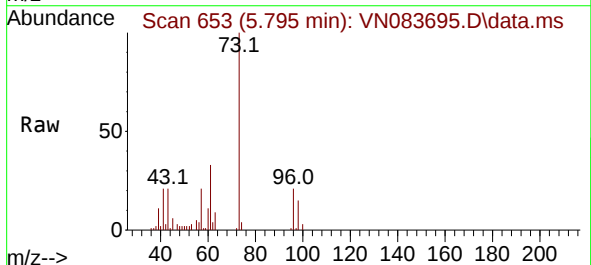
Manual Integrations
APPROVED

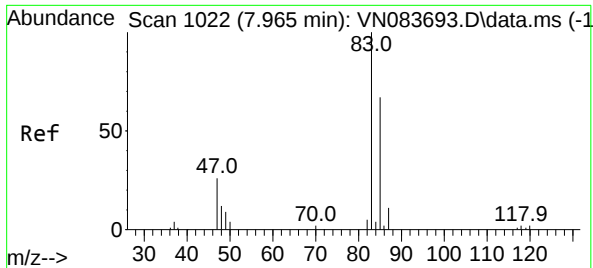
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#24
Methyl tert-Butyl Ether
Concen: 18.391 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 73 Resp: 122458
Ion Ratio Lower Upper
73 100
43 22.4 13.4 20.2#





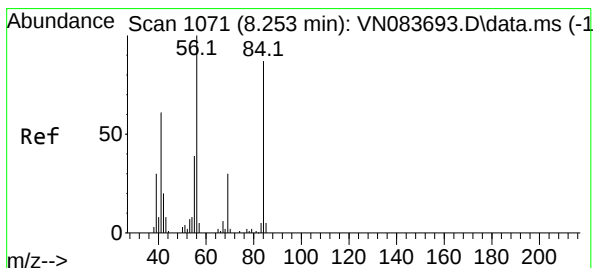
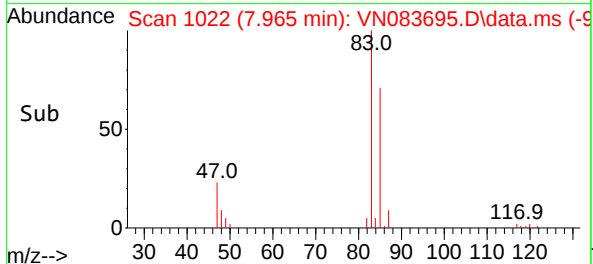
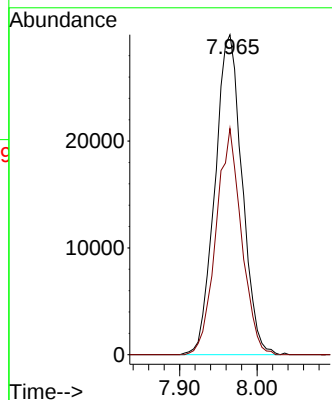
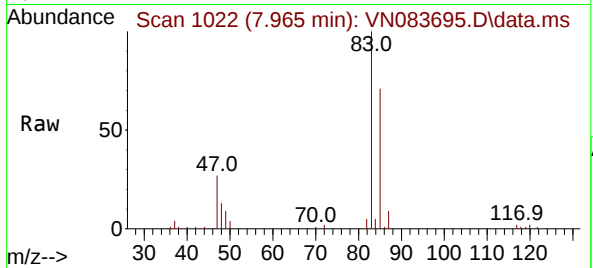
#25
Chloroform
Concen: 18.167 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion: 83 Resp: 7293
Ion Ratio Lower Upper
83 100
85 70.7 50.9 76.3

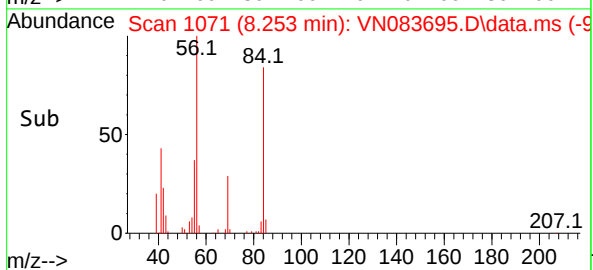
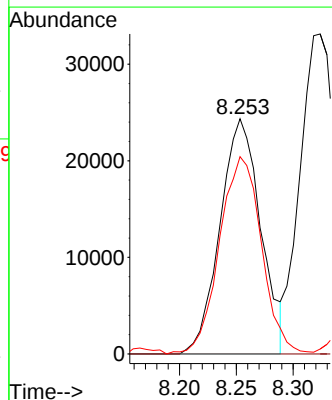
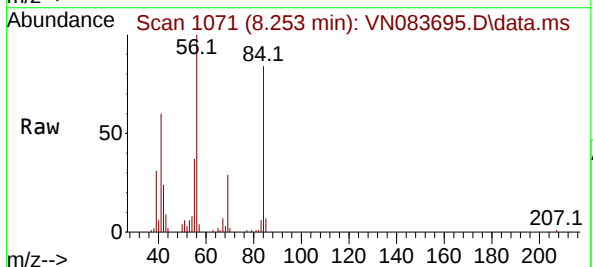
Manual Integrations
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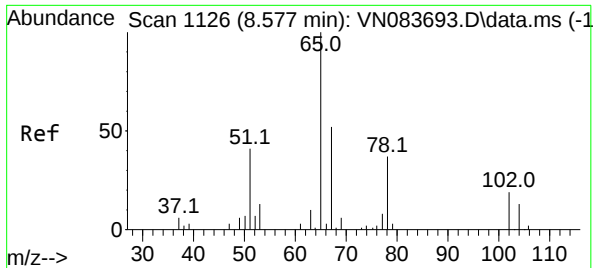
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#26
Cyclohexane
Concen: 18.166 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 56 Resp: 60615
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 86.6 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.424 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

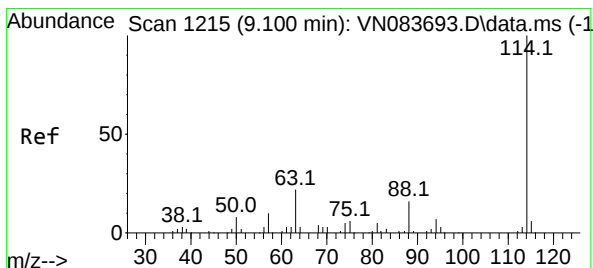
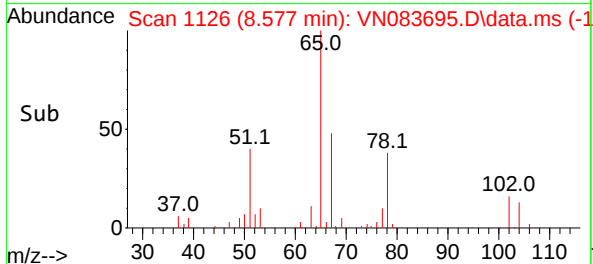
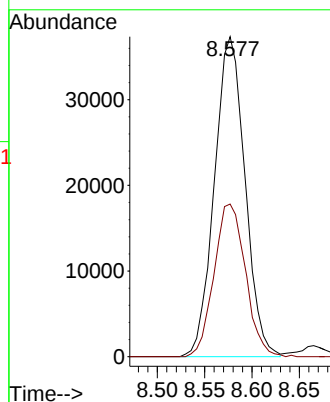
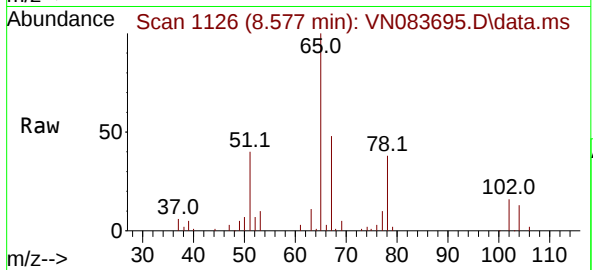
ICVVN090624

Tgt Ion: 65 Resp: 83838
Ion Ratio Lower Upper
65 100
67 48.9 43.2 64.8

Manual Integrations

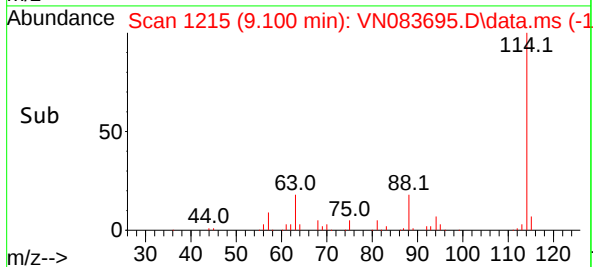
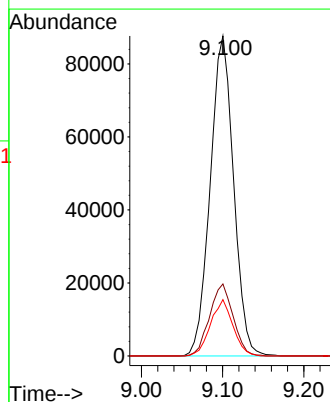
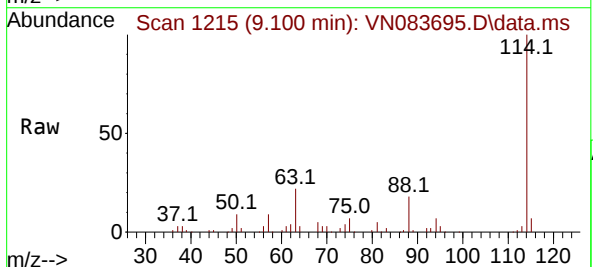
APPROVED

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



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion:114 Resp: 175573
Ion Ratio Lower Upper
114 100
63 22.6 15.9 23.9
88 16.9 12.7 19.1





#29

1,1-Dichloropropene

Concen: 17.850 ug/l

RT: 8.371 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

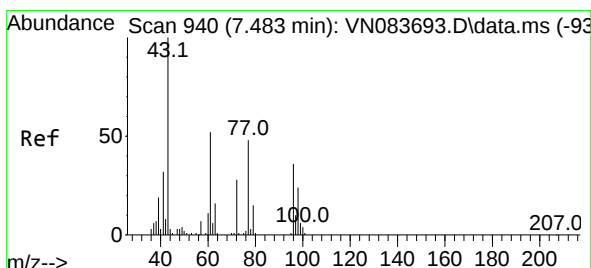
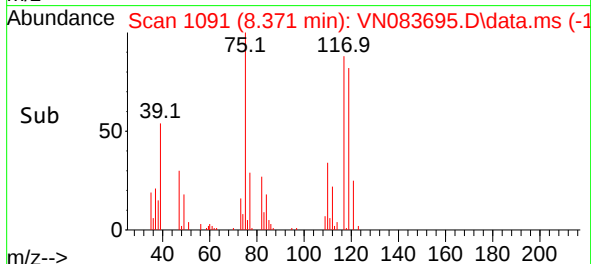
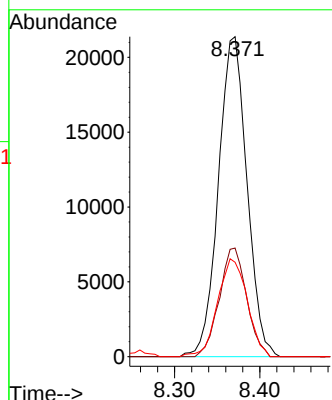
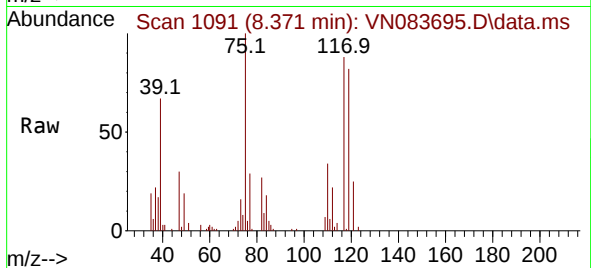
Tgt Ion: 75	Resp: 49709
Ion Ratio	Lower Upper
75	100
110	32.5 0.0 70.2
77	31.7 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#30

2-Butanone

Concen: 88.703 ug/l

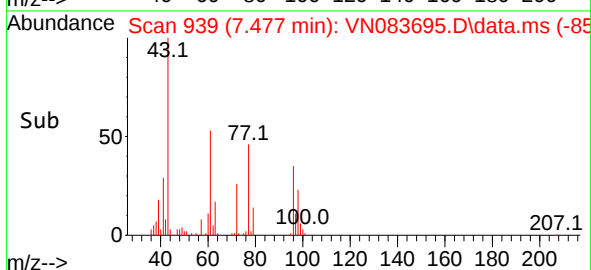
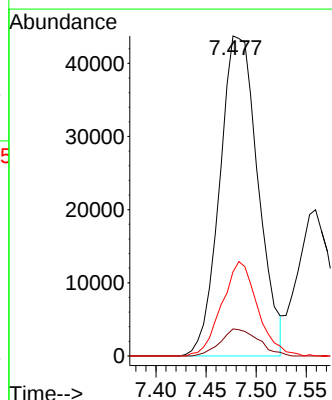
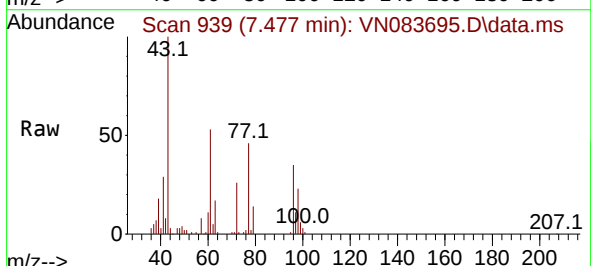
RT: 7.477 min Scan# 939

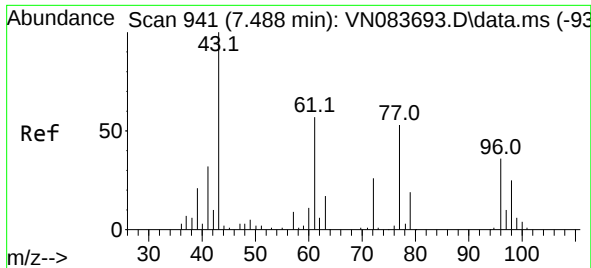
Delta R.T. -0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

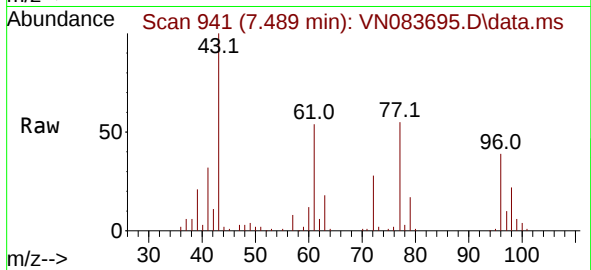
Tgt Ion: 43	Resp: 116443
Ion Ratio	Lower Upper
43	100
57	8.4 6.7 10.1
72	27.4 24.0 36.0





#31
2,2-Dichloropropane
Concen: 18.213 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

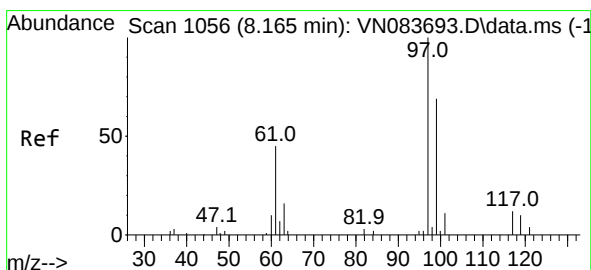
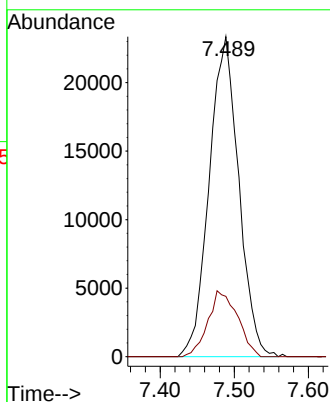
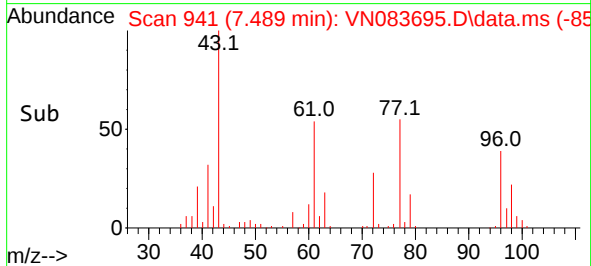
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



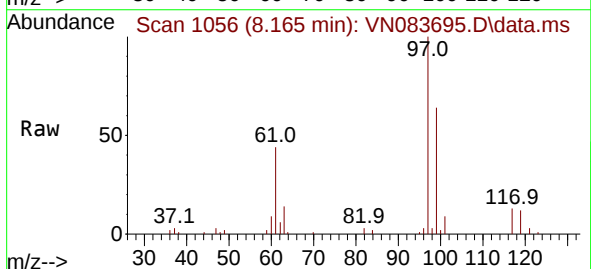
Tgt Ion: 77 Resp: 6466
Ion Ratio Lower Upper
77 100
97 20.6 18.3 27.5

Manual Integrations
APPROVED

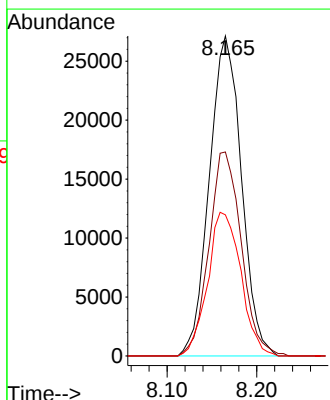
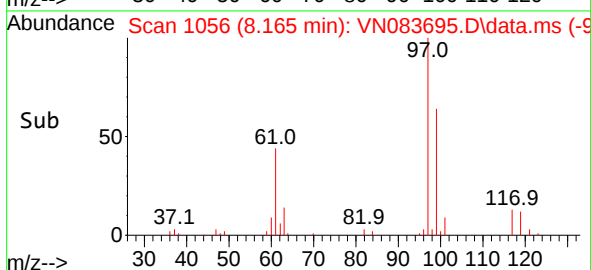
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

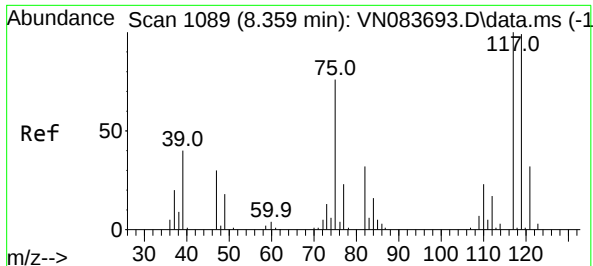


#32
1,1,1-Trichloroethane
Concen: 18.139 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



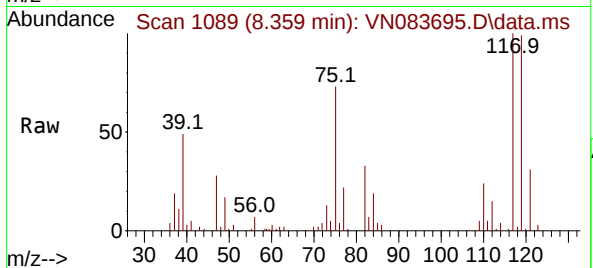
Tgt Ion: 97 Resp: 67462
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 46.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.202 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

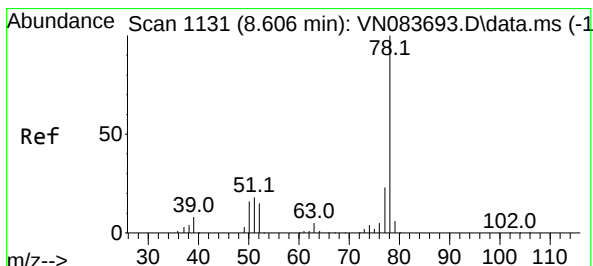
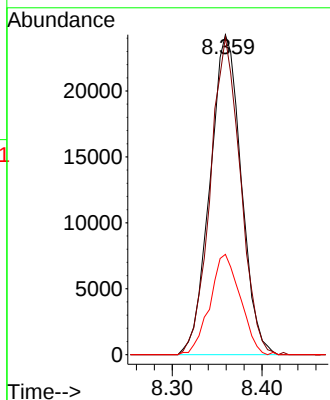
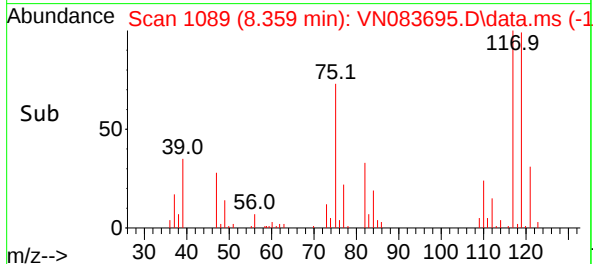
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



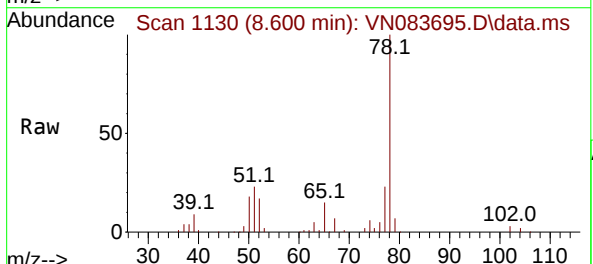
Tgt Ion:117 Resp: 5862
Ion Ratio Lower Upper
117 100
119 99.2 77.7 116.5
121 31.4 27.0 40.6

Manual Integrations
APPROVED

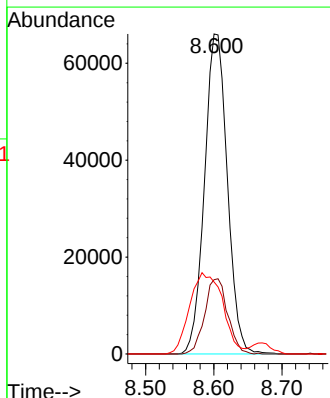
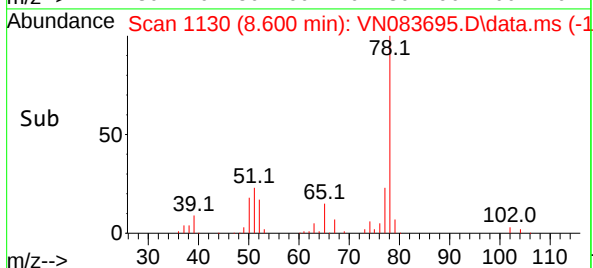
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

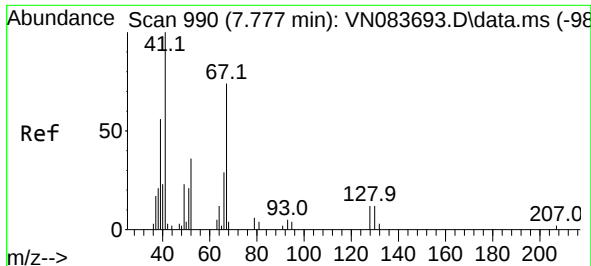


#34
Benzene
Concen: 18.440 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



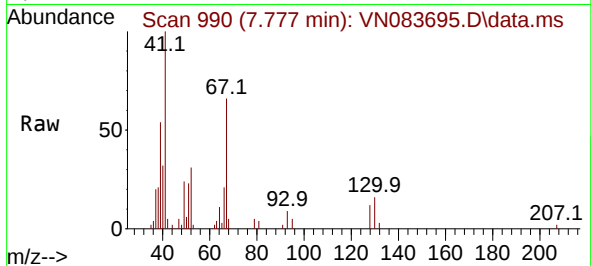
Tgt Ion: 78 Resp: 154080
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8
51 21.5 13.3 19.9#





#35
Methacrylonitrile
Concen: 18.821 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

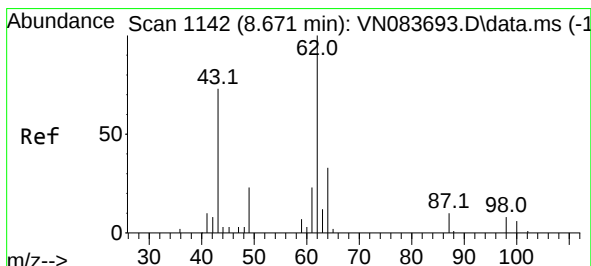
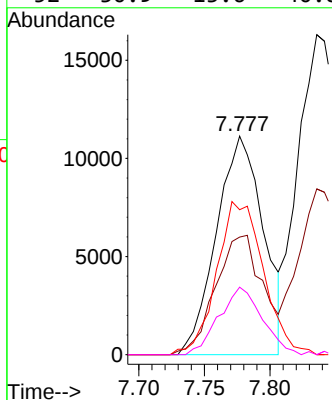
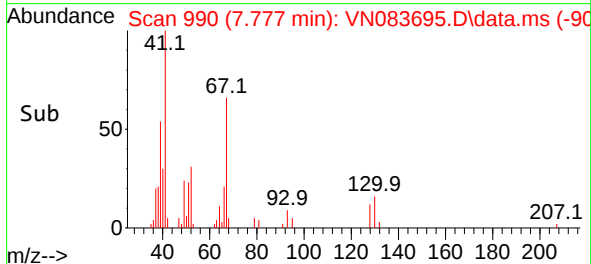
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 41 Resp: 27774
Ion Ratio Lower Upper
41 100
39 52.3 25.3 75.9
67 63.8 38.7 116.1
52 30.9 13.6 40.8

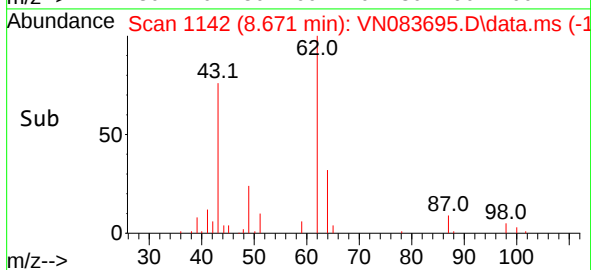
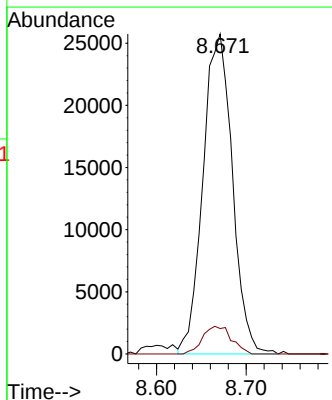
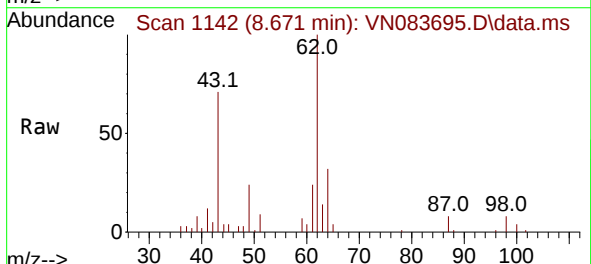
Manual Integrations
APPROVED

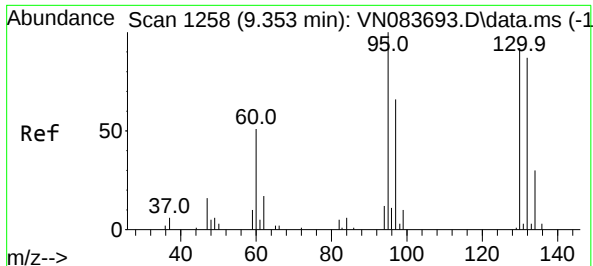
Reviewed By :John Carbone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#36
1,2-Dichloroethane
Concen: 18.630 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 62 Resp: 58520
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.4





#37

Trichloroethene

Concen: 18.345 ug/l

RT: 9.347 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

Tgt Ion:130 Resp: 3599

Ion Ratio Lower Upper

130 100

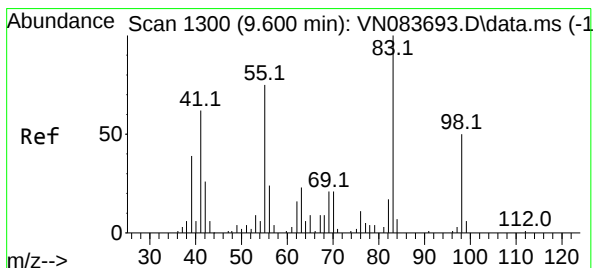
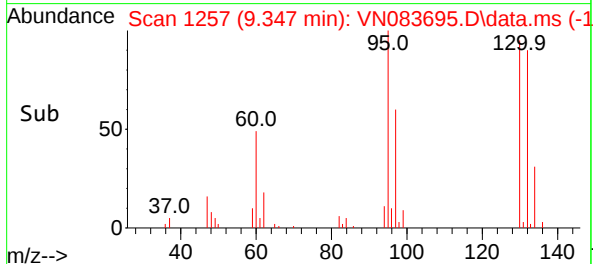
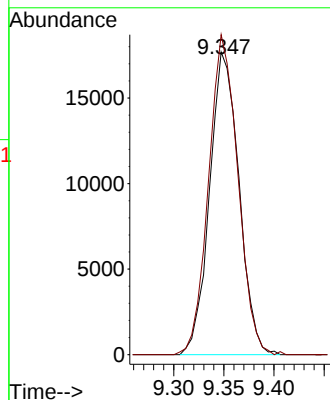
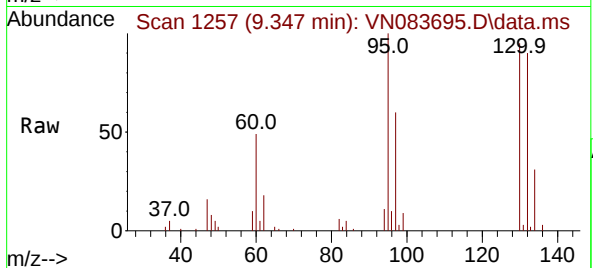
95 104.8 80.2 120.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#38

Methylcyclohexane

Concen: 17.848 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

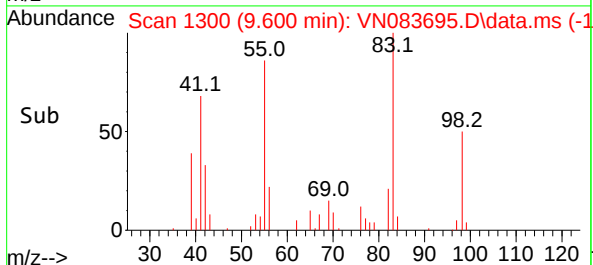
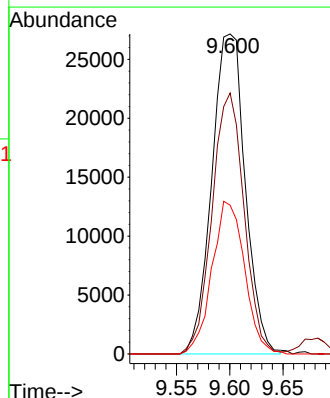
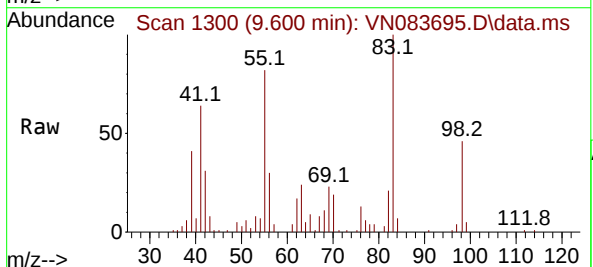
Tgt Ion: 83 Resp: 59506

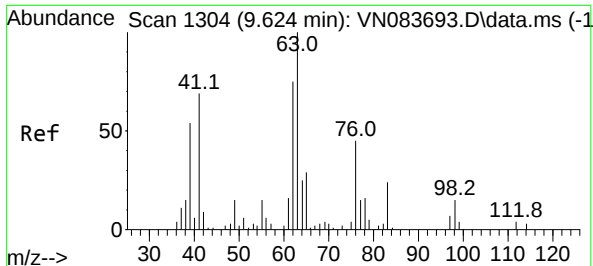
Ion Ratio Lower Upper

83 100

55 77.7 36.6 109.9

98 46.2 23.8 71.5





#39

1,2-Dichloropropane

Concen: 18.895 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

Tgt Ion: 63 Resp: 37998

Ion Ratio Lower Upper

63 100

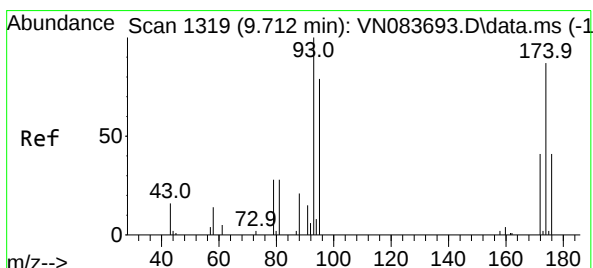
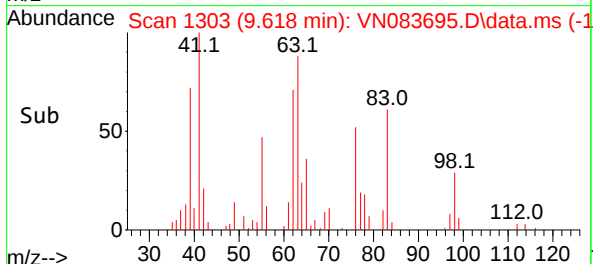
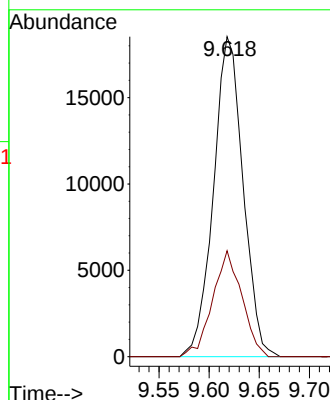
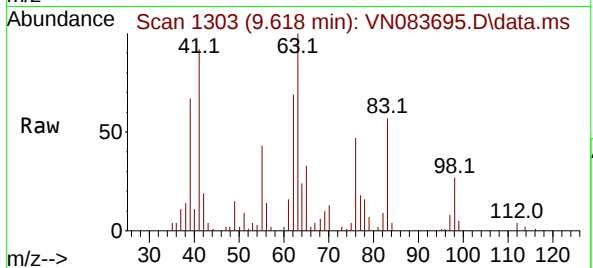
65 33.1 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#40

Dibromomethane

Concen: 18.272 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

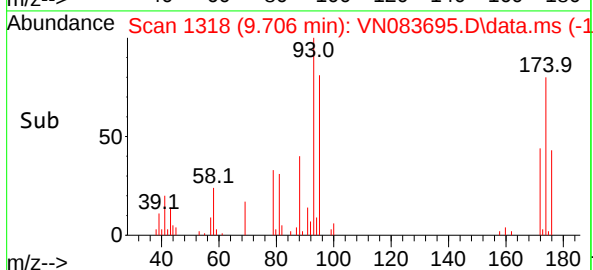
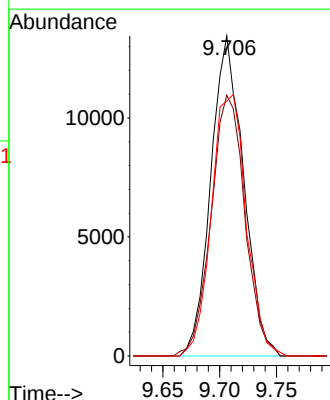
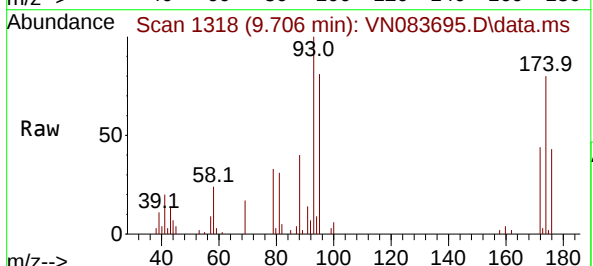
Tgt Ion: 93 Resp: 26868

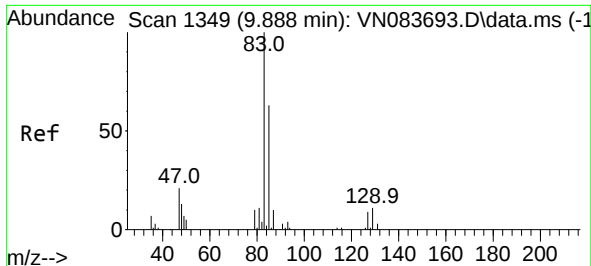
Ion Ratio Lower Upper

93 100

95 84.4 0.0 164.6

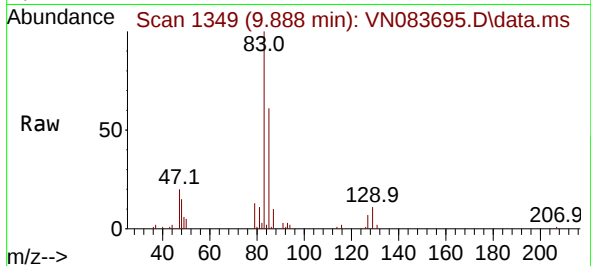
174 87.0 0.0 193.2





#41
Bromodichloromethane
Concen: 18.098 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

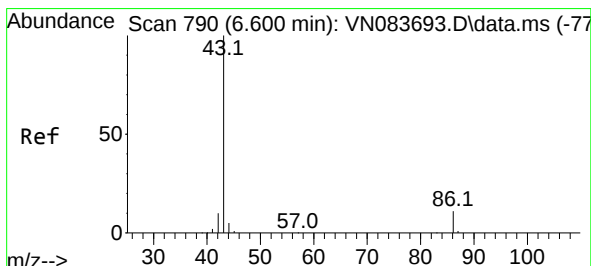
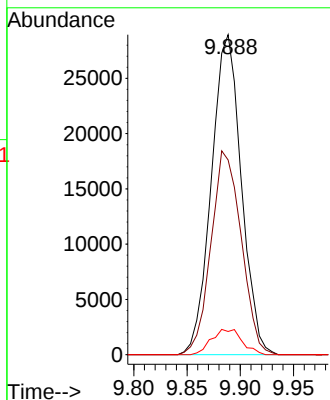
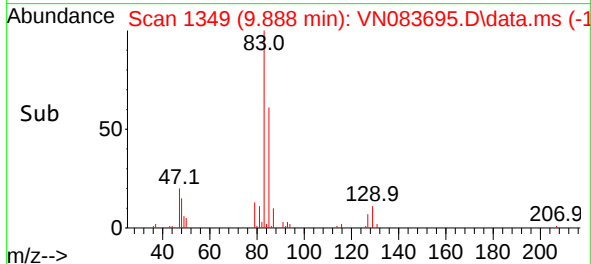
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 83 Resp: 56589
Ion Ratio Lower Upper
83 100
85 60.8 49.4 74.2
127 7.2 7.3 10.9

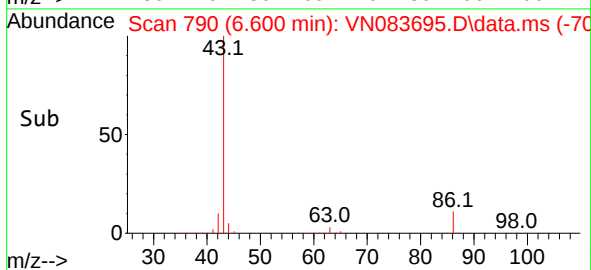
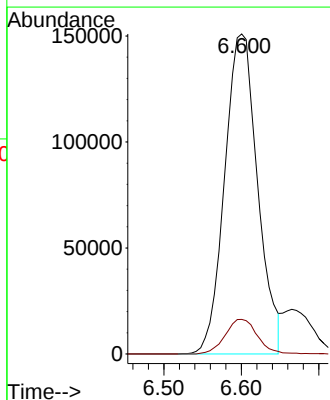
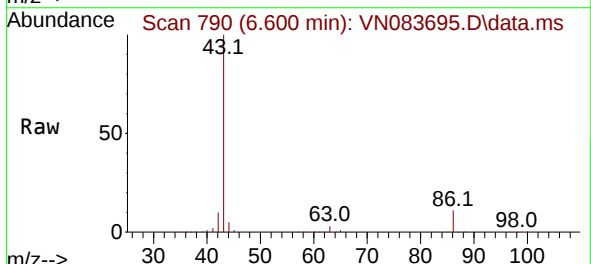
Manual Integrations
APPROVED

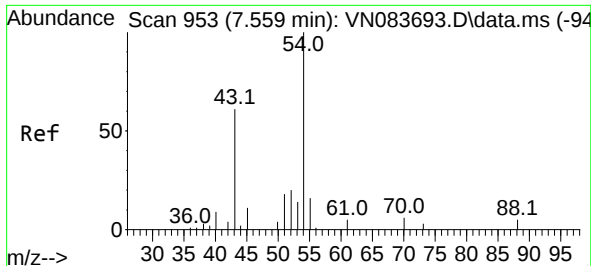
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#42
Vinyl Acetate
Concen: 82.960 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

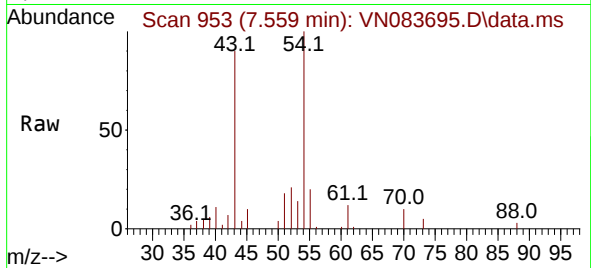
Tgt Ion: 43 Resp: 447762
Ion Ratio Lower Upper
43 100
86 10.5 9.4 14.2





#43
Ethyl Acetate
Concen: 18.441 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

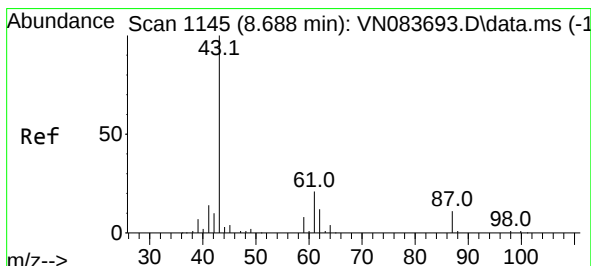
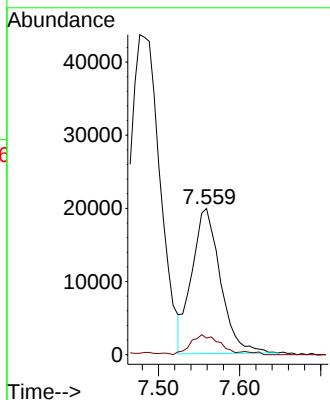
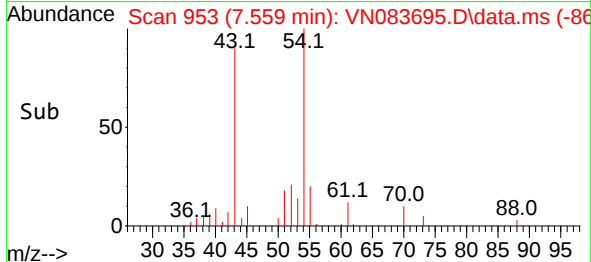
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



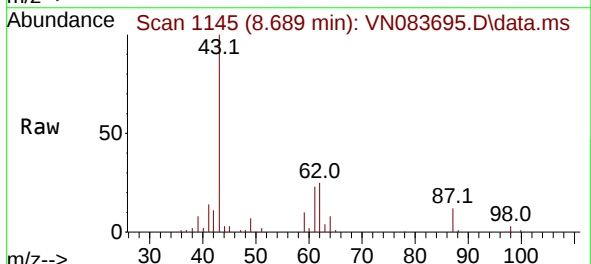
Tgt Ion: 43 Resp: 48720
Ion Ratio Lower Upper
43 100
45 13.5 10.6 15.8

Manual Integrations
APPROVED

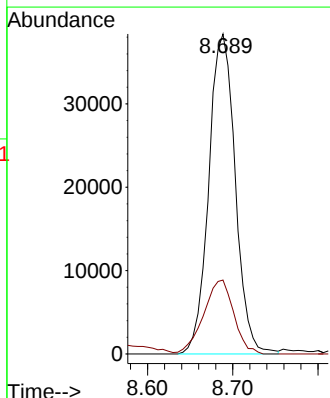
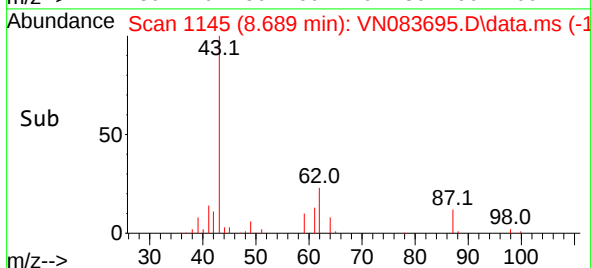
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

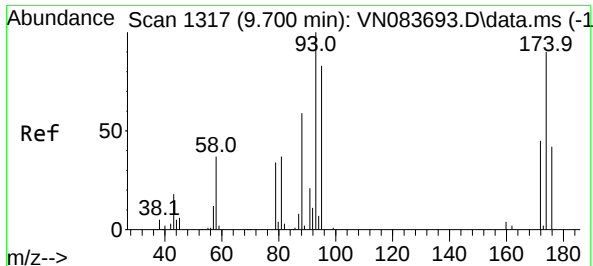


#44
Isopropyl Acetate
Concen: 18.183 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



Tgt Ion: 43 Resp: 83095
Ion Ratio Lower Upper
43 100
61 26.2 25.0 37.4





#45

1,4-Dioxane

Concen: 389.428 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

Tgt Ion: 88 Resp: 1388

Ion Ratio Lower Upper

88 100

43 32.6 19.8 29.6

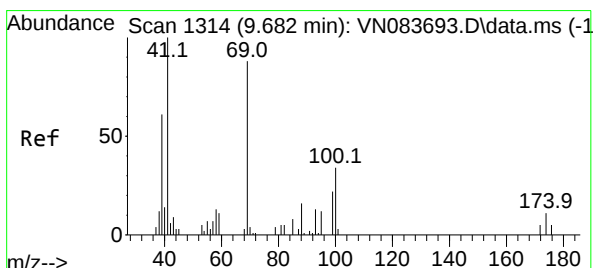
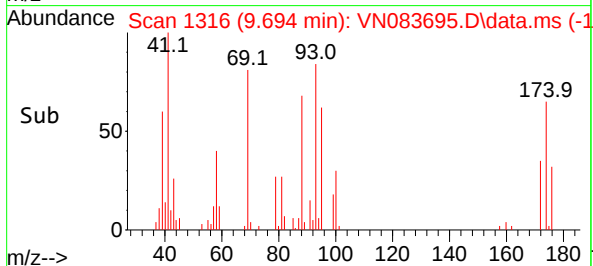
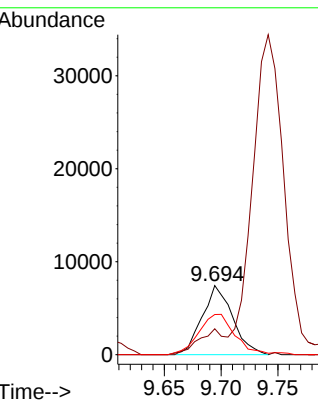
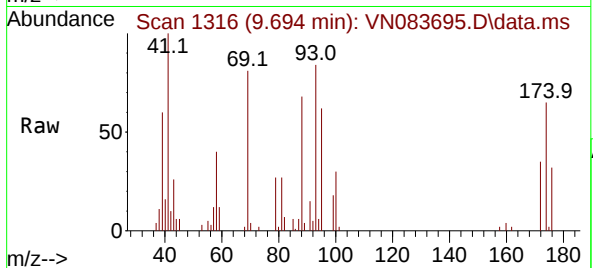
58 68.4 55.4 83.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#46

Methyl methacrylate

Concen: 18.598 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

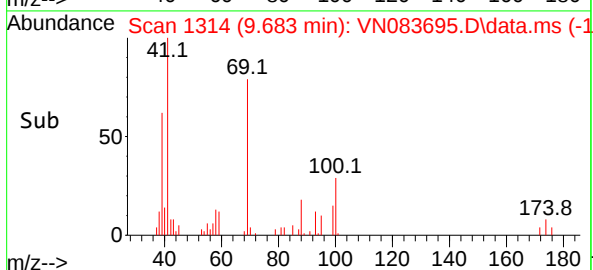
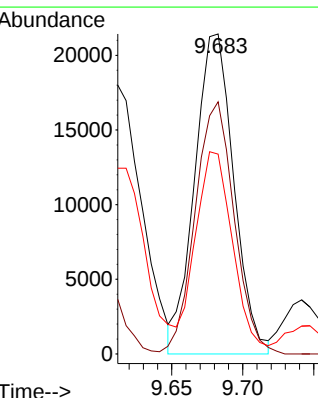
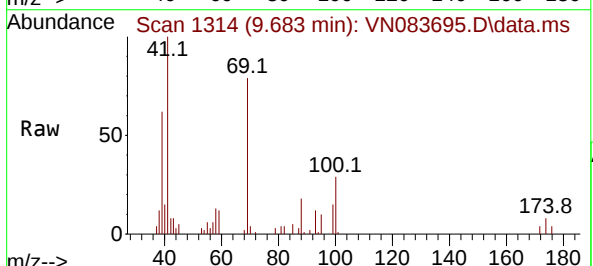
Tgt Ion: 41 Resp: 41140

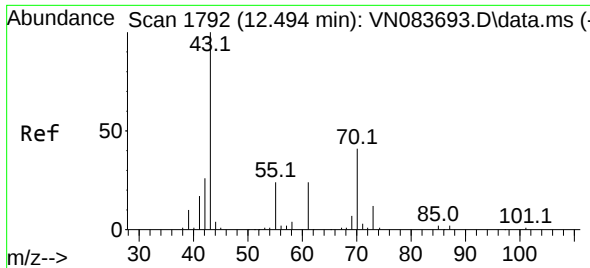
Ion Ratio Lower Upper

41 100

69 80.1 51.1 153.3

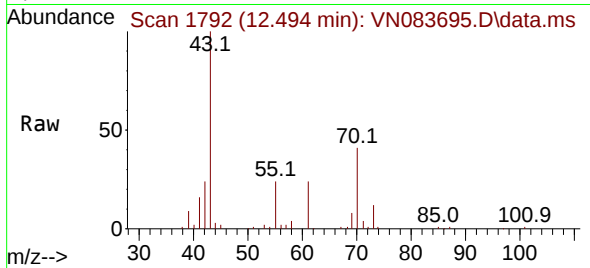
39 62.4 25.8 77.3





#47
n-amy1 Acetate
Concen: 18.382 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

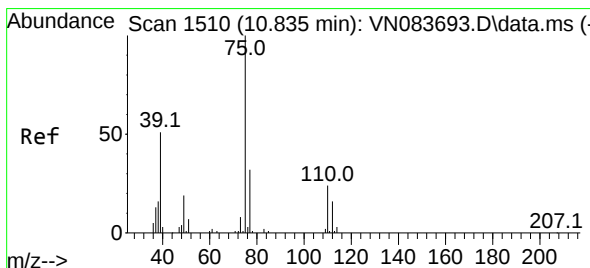
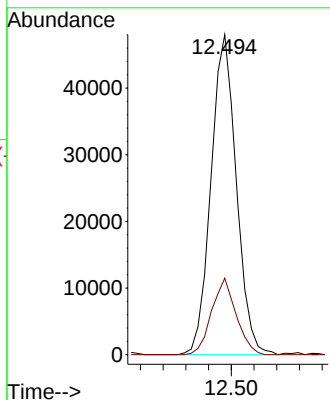
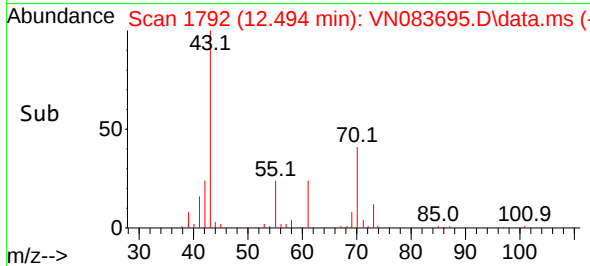
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



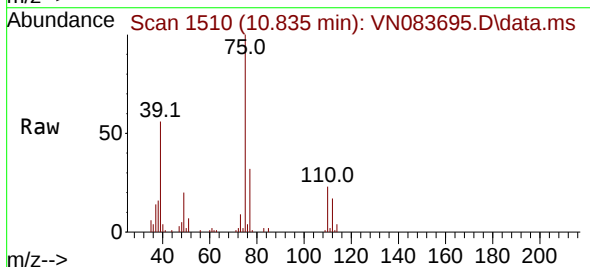
Tgt Ion: 43 Resp: 7441
Ion Ratio Lower Upper
43 100
55 23.1 23.4 35.2

Manual Integrations
APPROVED

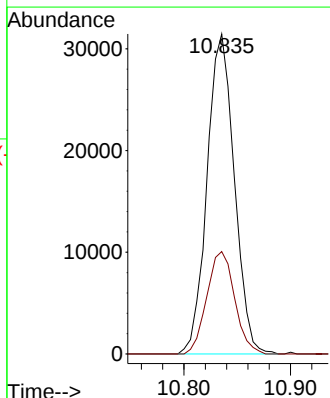
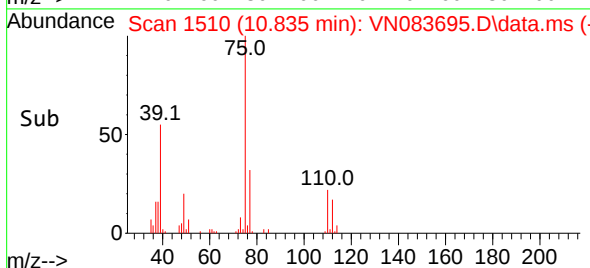
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

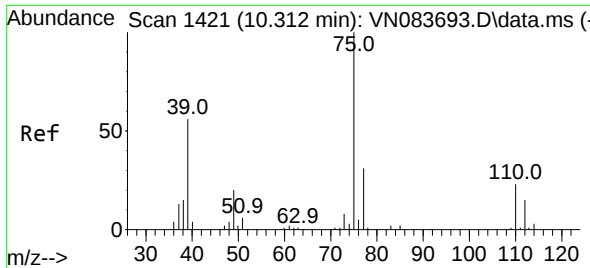


#48
t-1,3-Dichloropropene
Concen: 17.011 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



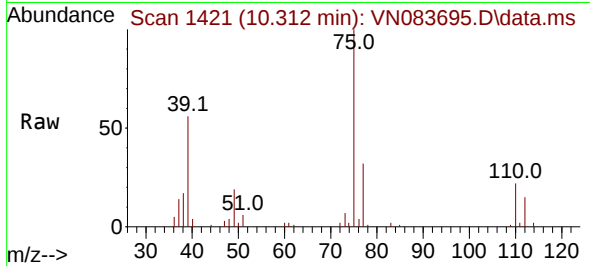
Tgt Ion: 75 Resp: 55950
Ion Ratio Lower Upper
75 100
77 32.0 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 17.769 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083695.D
 Acq: 06 Sep 2024 14:35

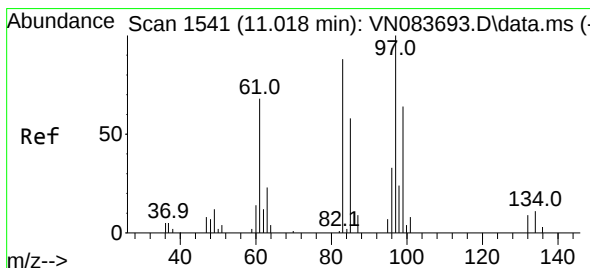
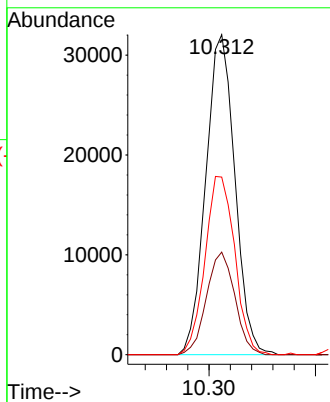
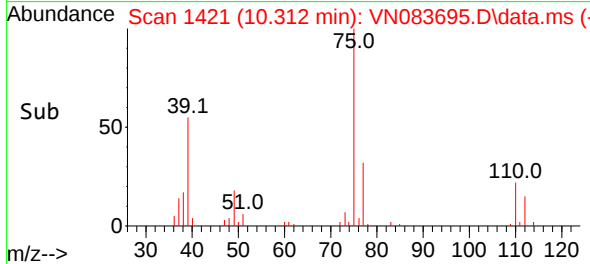
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN090624



Tgt Ion: 75 Resp: 60780
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 55.5 31.0 46.6

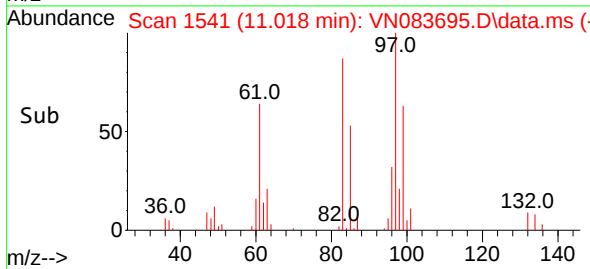
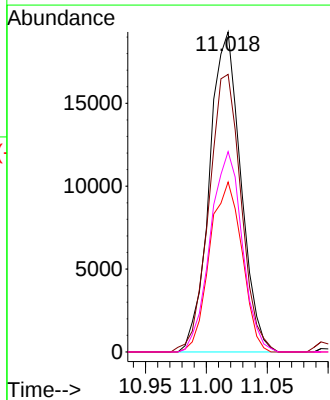
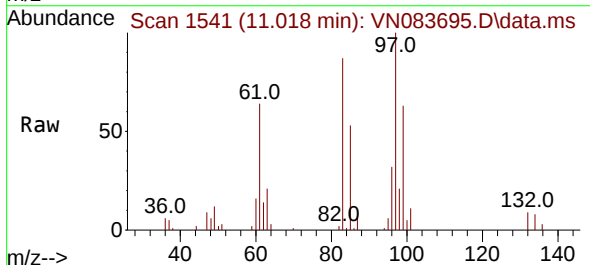
Manual Integrations
 APPROVED

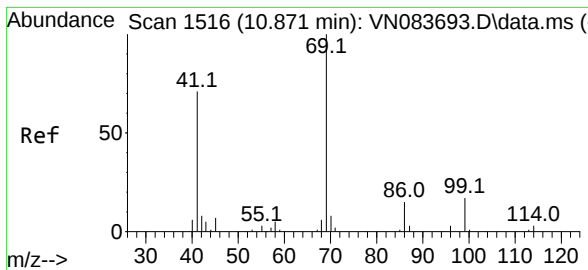
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024



#50
 1,1,2-Trichloroethane
 Concen: 18.465 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN083695.D
 Acq: 06 Sep 2024 14:35

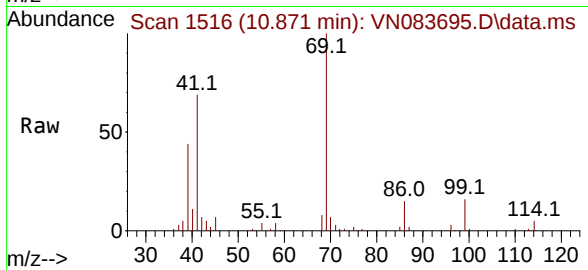
Tgt Ion: 97 Resp: 34549
 Ion Ratio Lower Upper
 97 100
 83 86.7 68.1 102.1
 85 53.1 41.8 62.6
 99 62.6 47.0 70.4





#51
Ethyl methacrylate
Concen: 17.893 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

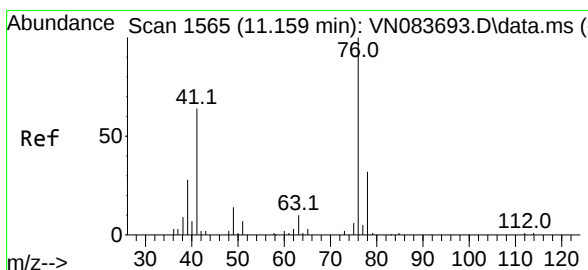
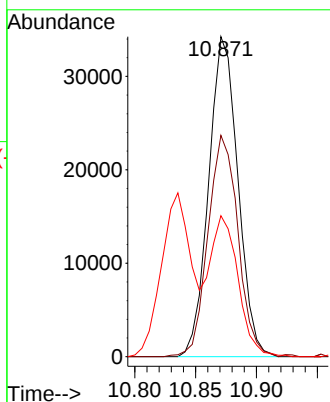
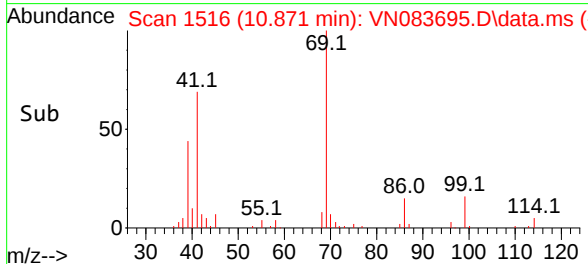
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 69 Resp: 57190
Ion Ratio Lower Upper
69 100
41 69.1 25.5 76.5
39 43.6 16.0 47.9

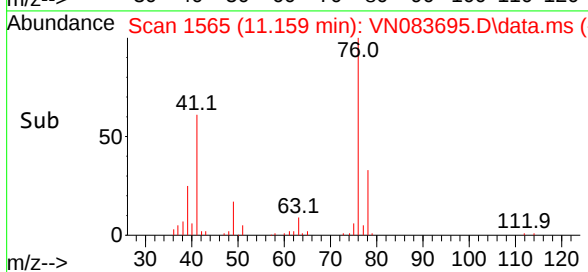
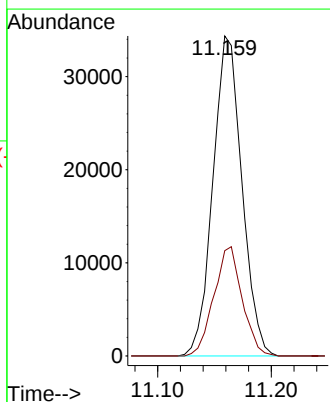
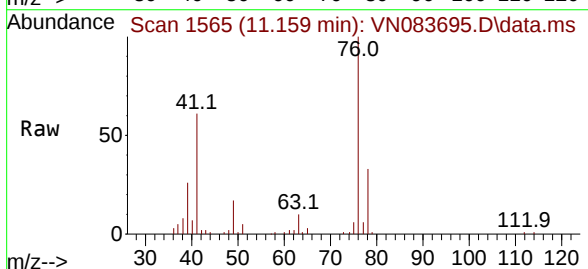
Manual Integrations
APPROVED

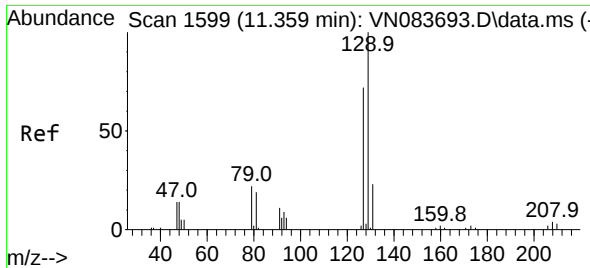
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#52
1,3-Dichloropropane
Concen: 18.033 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 76 Resp: 60931
Ion Ratio Lower Upper
76 100
78 33.3 0.0 65.8





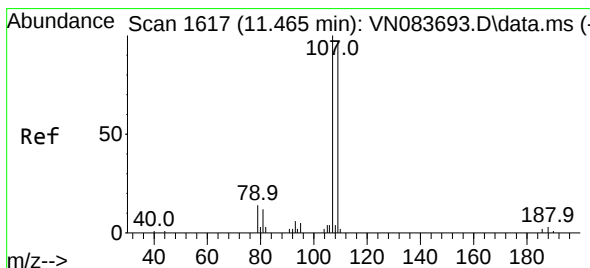
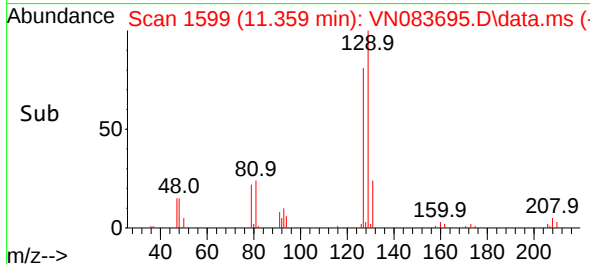
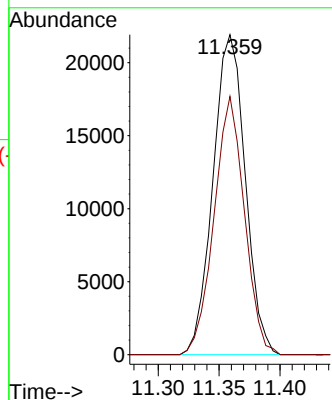
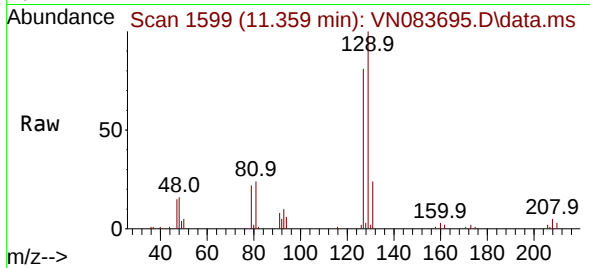
#53
Dibromochloromethane
Concen: 17.998 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion:129 Resp: 4039
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.1

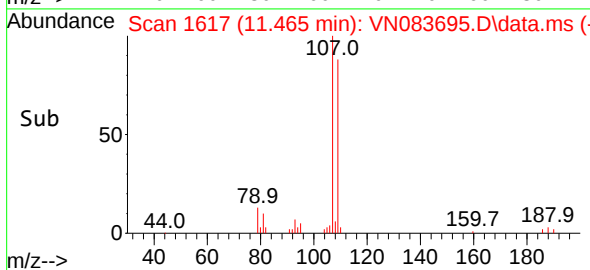
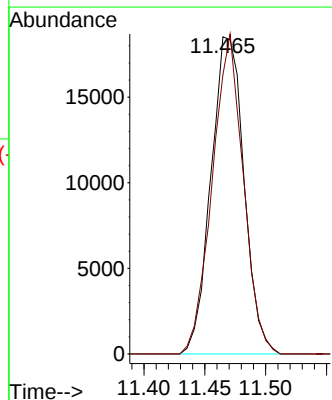
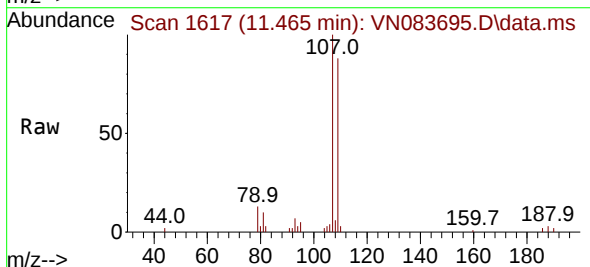
Manual Integrations
APPROVED

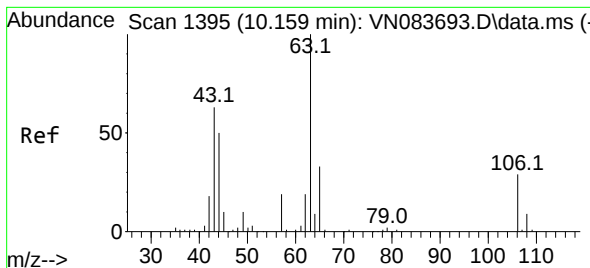
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#54
1,2-Dibromoethane
Concen: 18.052 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

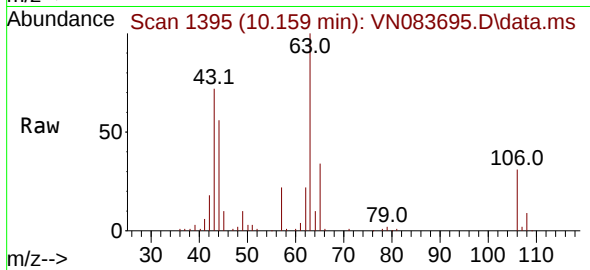
Tgt Ion:107 Resp: 34942
Ion Ratio Lower Upper
107 100
109 94.6 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 89.240 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

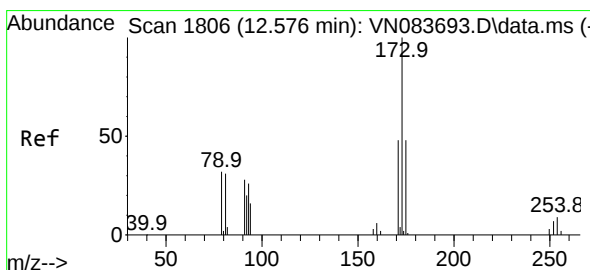
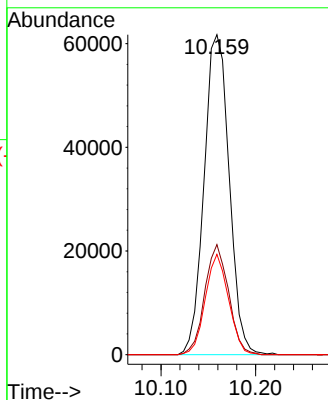
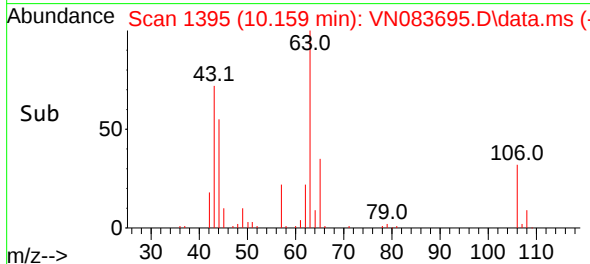
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 63 Resp: 11368
Ion Ratio Lower Upper
63 100
65 32.6 26.2 39.2
106 29.1 23.8 35.8

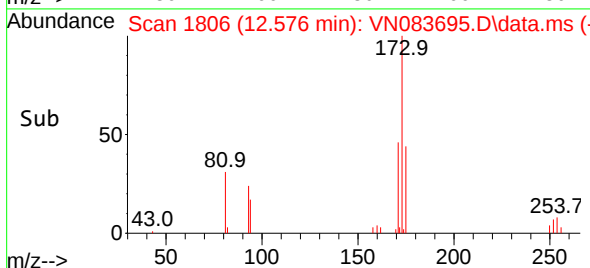
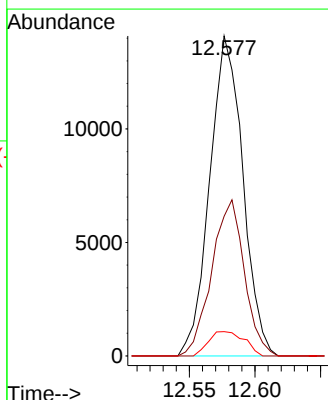
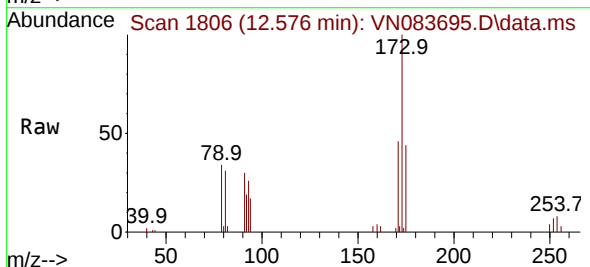
Manual Integrations
APPROVED

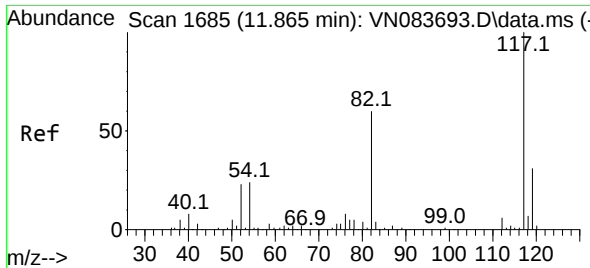
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#56
Bromoform
Concen: 17.360 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

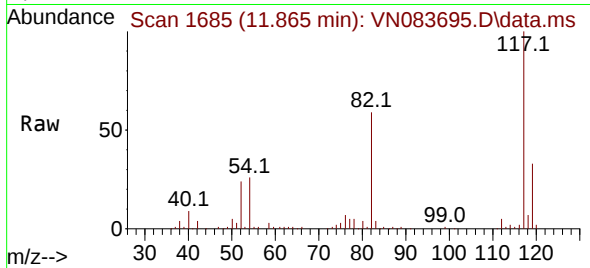
Tgt Ion:173 Resp: 24751
Ion Ratio Lower Upper
173 100
175 48.1 40.0 60.0
254 8.2 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

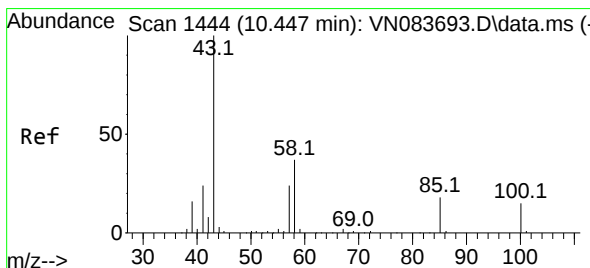
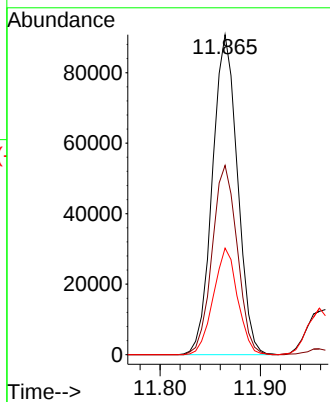
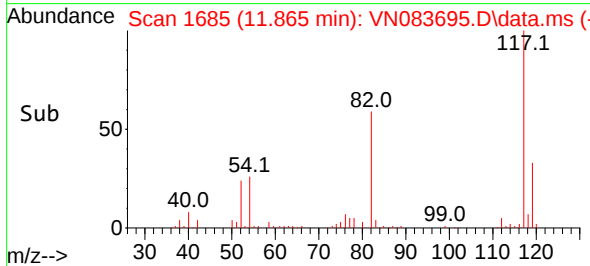
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 117 Resp: 157735
Ion Ratio Lower Upper
117 100
82 59.2 46.6 69.8
119 32.3 25.4 38.2

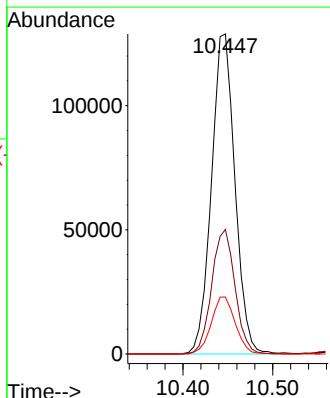
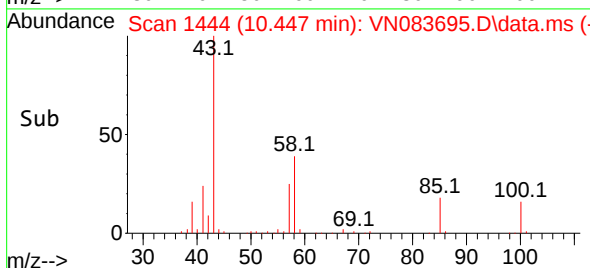
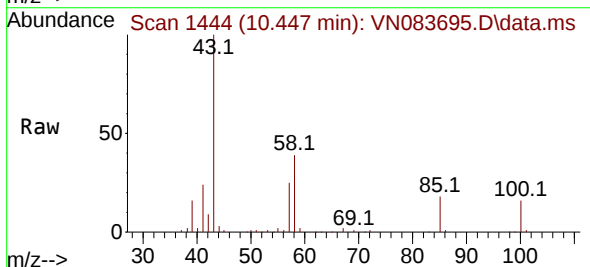
Manual Integrations
APPROVED

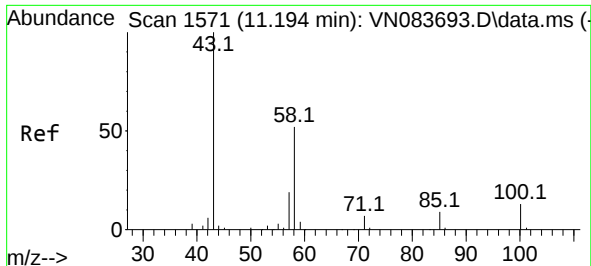
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#58
4-Methyl-2-Pentanone
Concen: 93.719 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

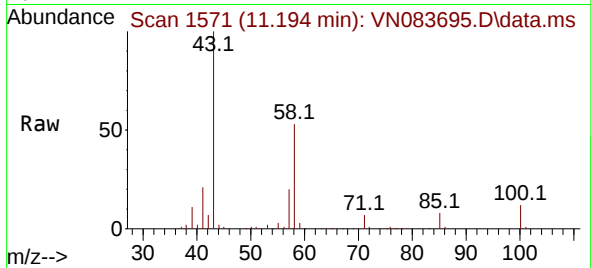
Tgt Ion: 43 Resp: 234399
Ion Ratio Lower Upper
43 100
58 38.5 36.5 54.7
85 18.2 19.5 29.3#





#59
2-Hexanone
Concen: 91.318 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

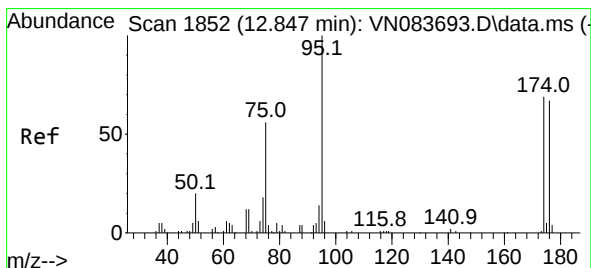
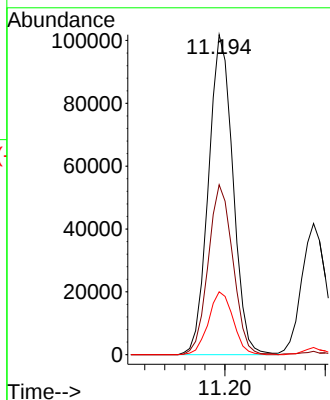
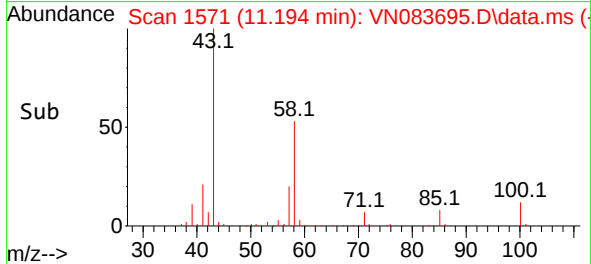
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion: 43 Resp: 172578
Ion Ratio Lower Upper
43 100
58 53.6 50.4 75.6
57 19.8 18.6 27.8

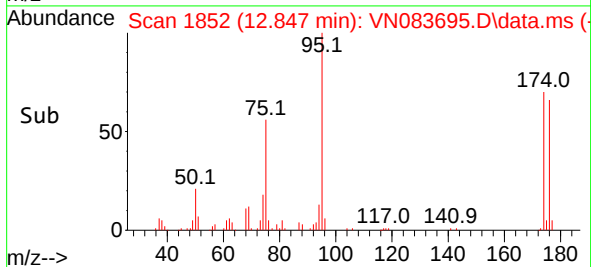
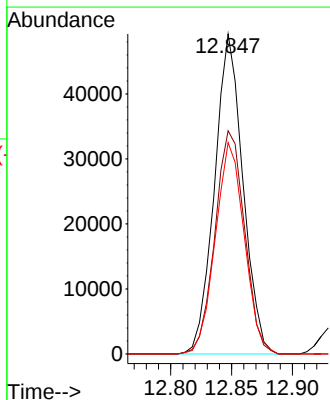
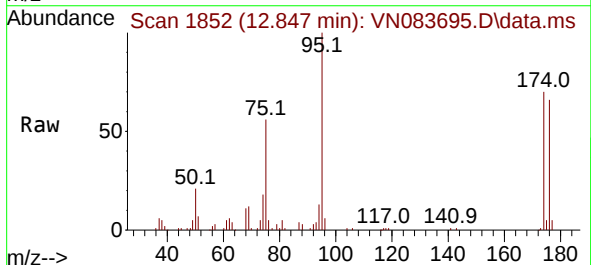
Manual Integrations
APPROVED

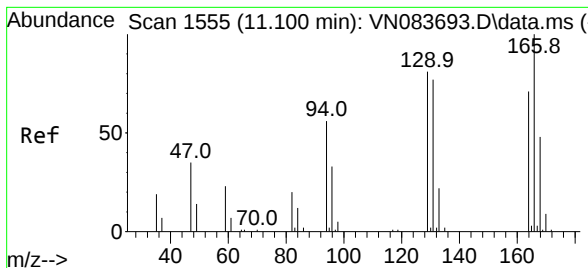
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#60
4-Bromofluorobenzene
Concen: 29.363 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

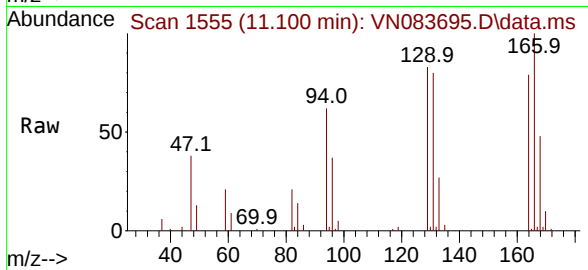
Tgt Ion: 95 Resp: 79825
Ion Ratio Lower Upper
95 100
174 72.7 60.5 90.7
176 67.6 57.8 86.6





#61
Tetrachloroethene
Concen: 17.644 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

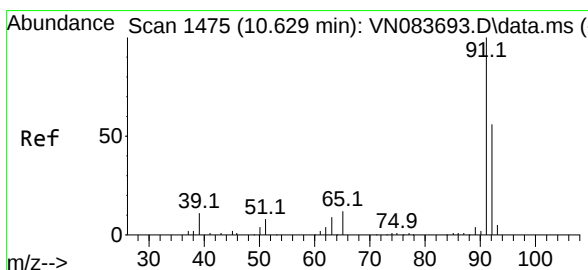
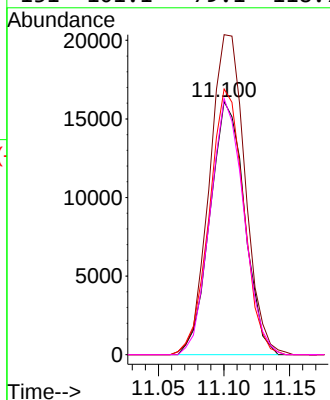
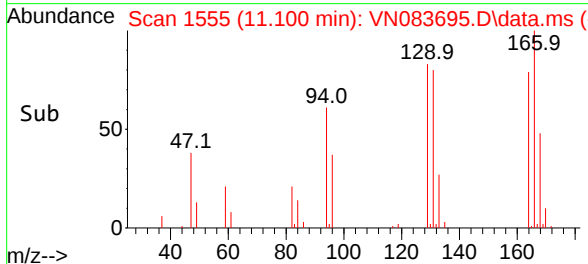
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion:164 Resp: 29454
Ion Ratio Lower Upper
164 100
166 125.3 106.7 160.1
129 103.9 85.8 128.6
131 101.1 79.1 118.7

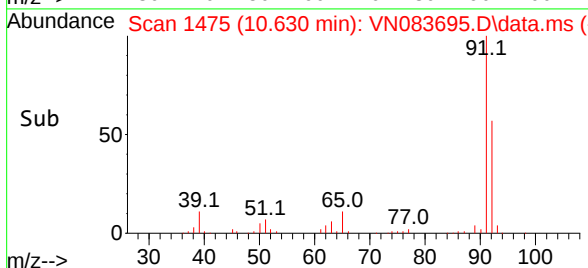
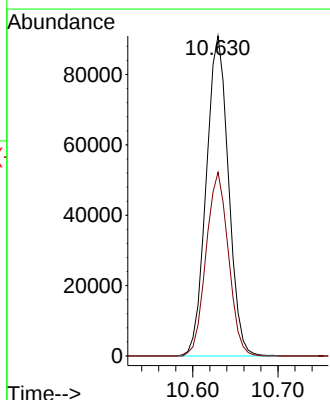
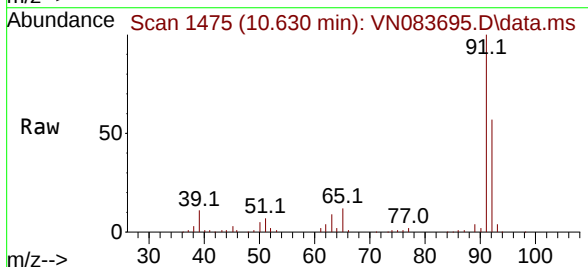
Manual Integrations
APPROVED

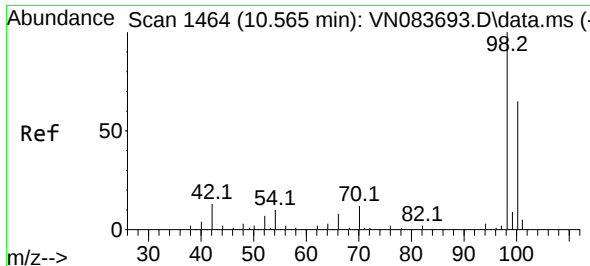
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#62
Toluene
Concen: 18.193 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

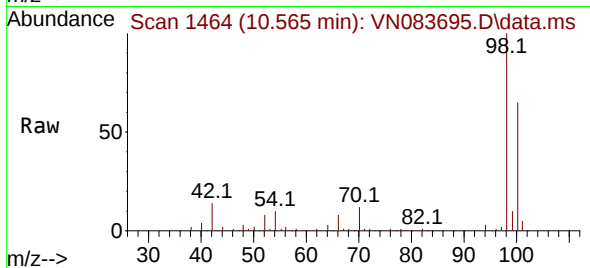
Tgt Ion: 91 Resp: 164945
Ion Ratio Lower Upper
91 100
92 57.6 46.5 69.7





#63
Toluene-d8
Concen: 30.014 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

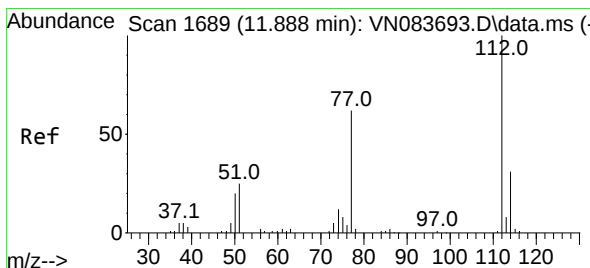
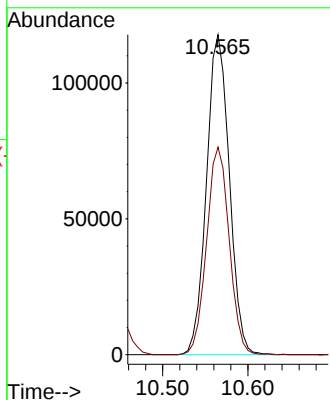
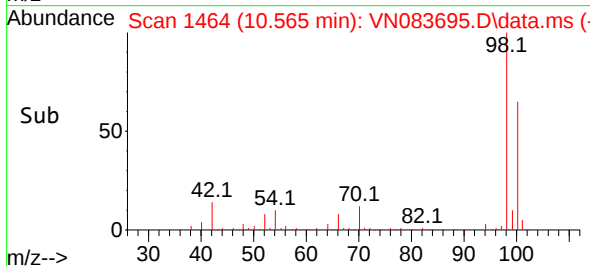
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



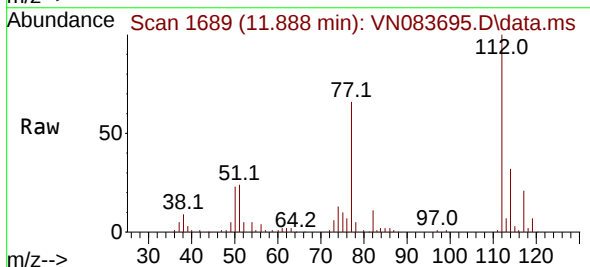
Tgt Ion: 98 Resp: 219210
Ion Ratio Lower Upper
98 100
100 64.1 52.7 79.1

Manual Integrations
APPROVED

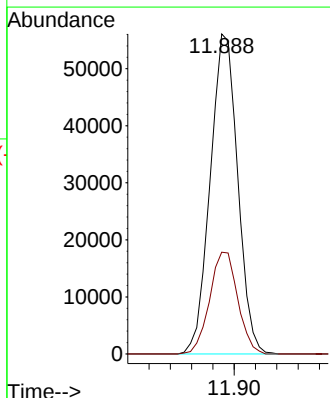
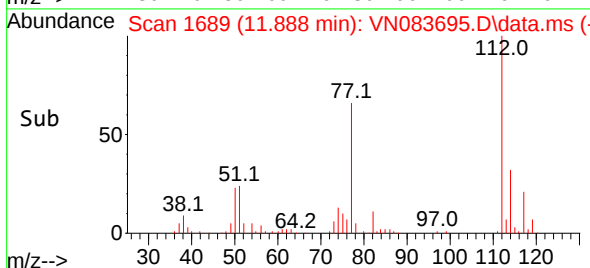
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

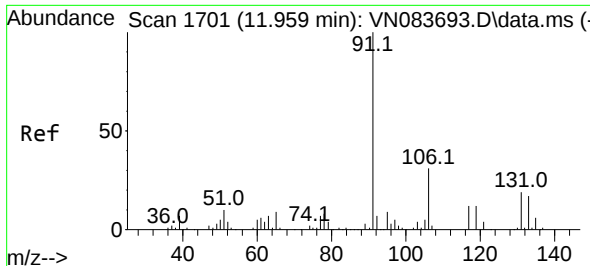


#64
Chlorobenzene
Concen: 17.878 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



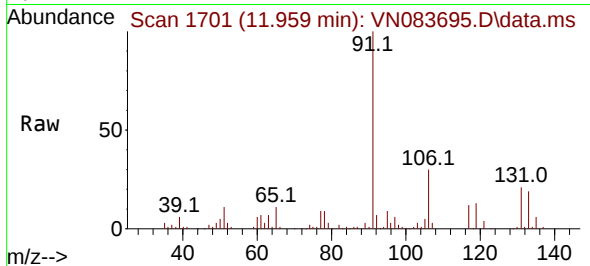
Tgt Ion:112 Resp: 100355
Ion Ratio Lower Upper
112 100
114 31.8 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 18.692 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

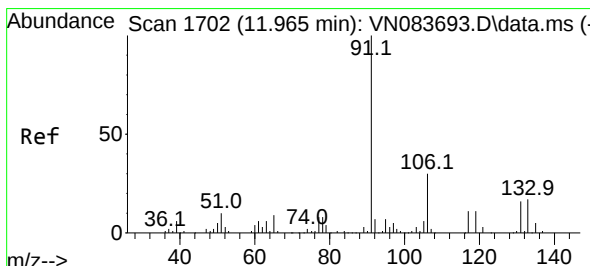
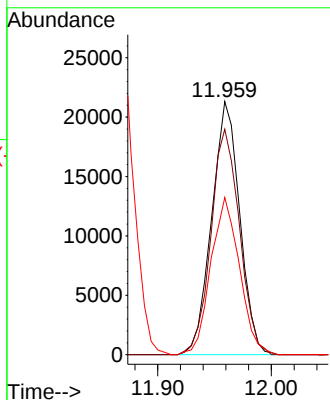
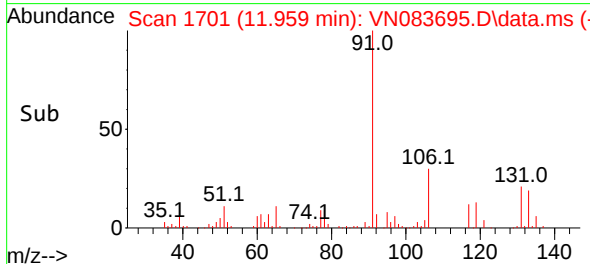
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



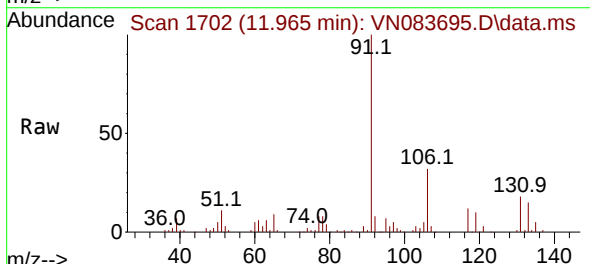
Tgt Ion:131 Resp: 3655
Ion Ratio Lower Upper
131 100
133 90.8 0.0 188.0
119 63.5 0.0 122.8

Manual Integrations
APPROVED

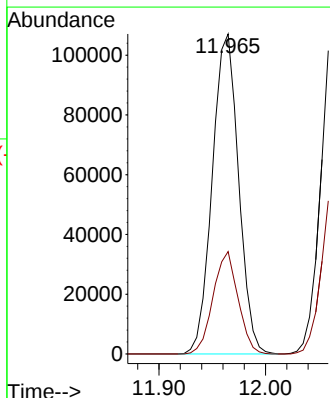
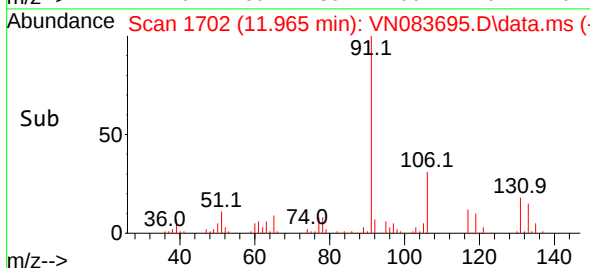
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

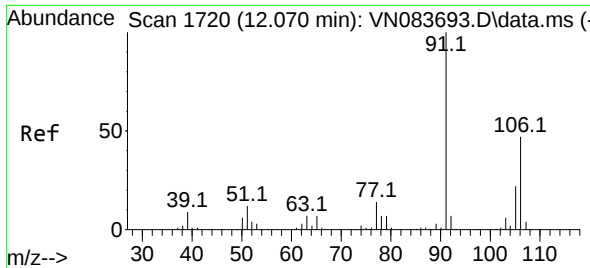


#66
Ethyl Benzene
Concen: 17.796 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



Tgt Ion: 91 Resp: 183486
Ion Ratio Lower Upper
91 100
106 32.0 24.4 36.6





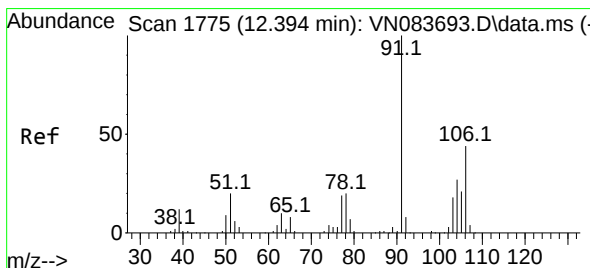
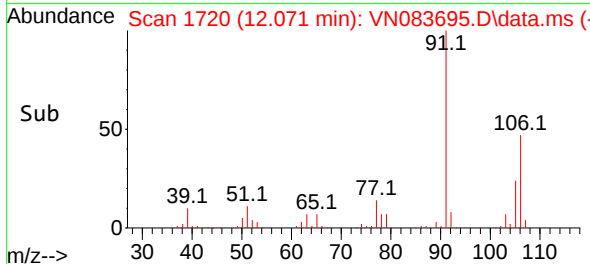
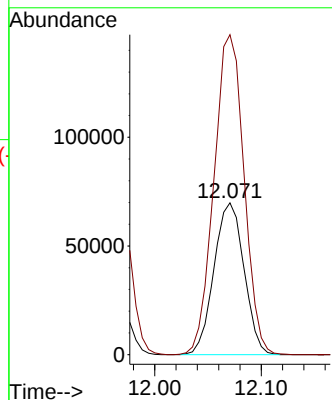
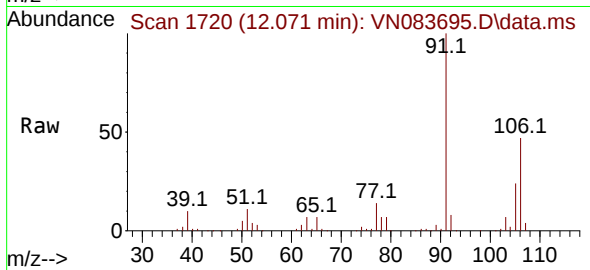
#67
m/p-Xylenes
Concen: 36.072 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion:106 Resp: 136830
Ion Ratio Lower Upper
106 100
91 211.0 166.6 249.8

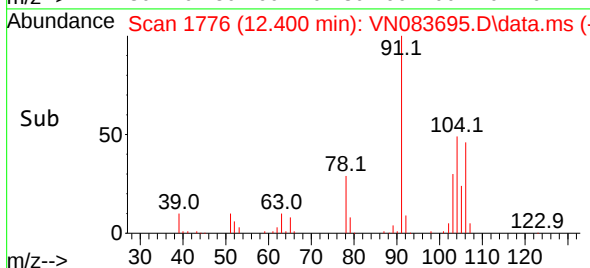
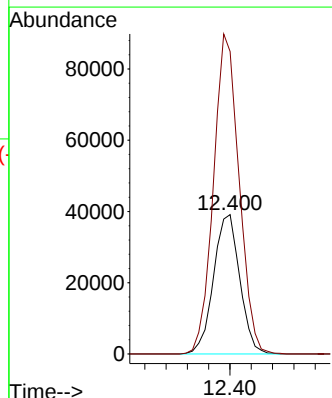
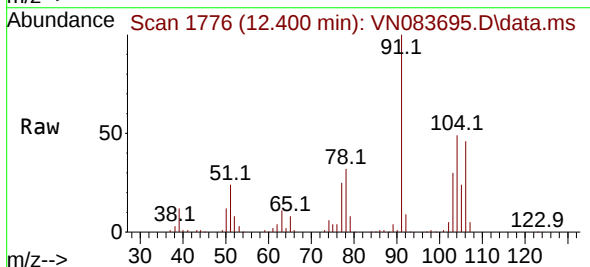
Manual Integrations
APPROVED

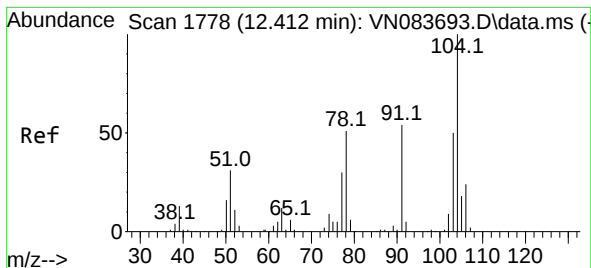
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#68
o-Xylene
Concen: 18.197 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion:106 Resp: 66805
Ion Ratio Lower Upper
106 100
91 224.2 110.0 330.0





#69

Styrene

Concen: 17.479 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

Tgt Ion:104 Resp: 108420

Ion Ratio Lower Upper

104 100

78 55.4 42.6 64.0

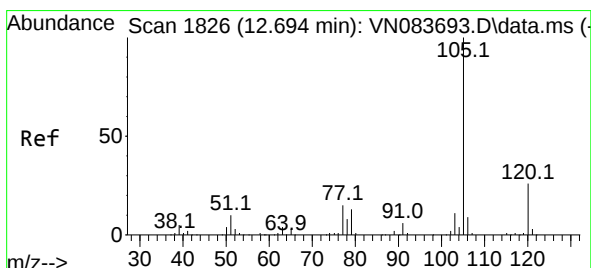
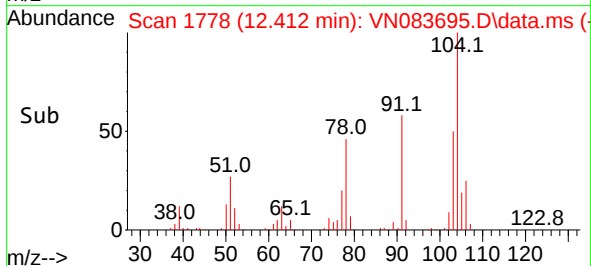
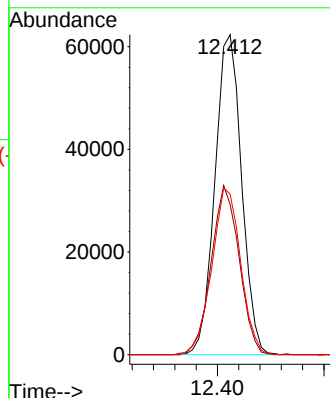
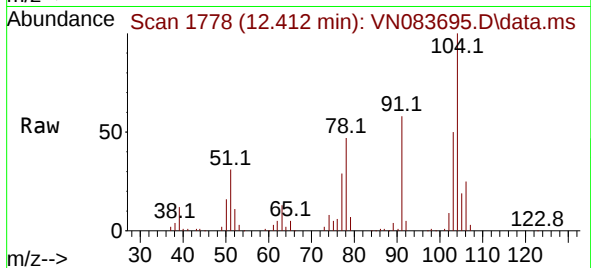
103 56.2 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#70

Isopropylbenzene

Concen: 18.246 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN083695.D

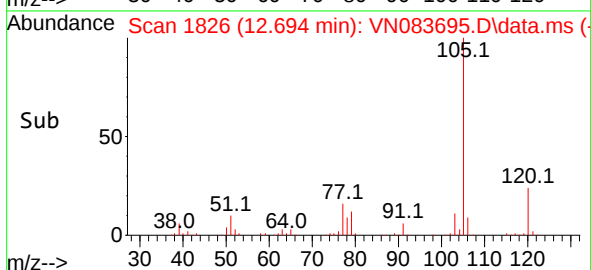
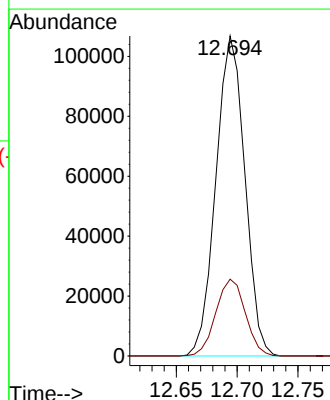
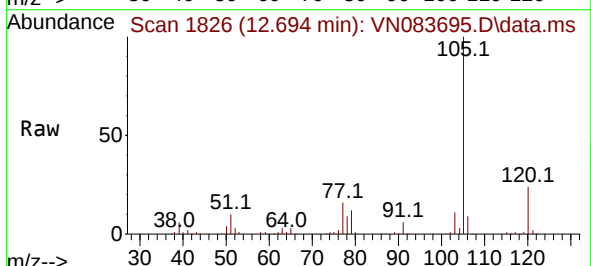
Acq: 06 Sep 2024 14:35

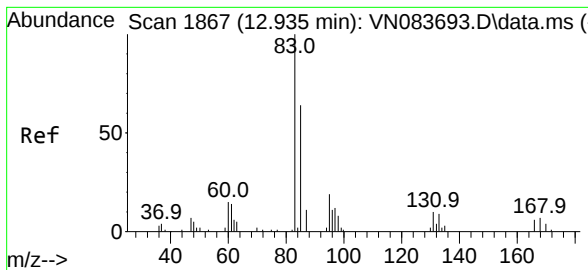
Tgt Ion:105 Resp: 176773

Ion Ratio Lower Upper

105 100

120 24.4 17.8 33.1





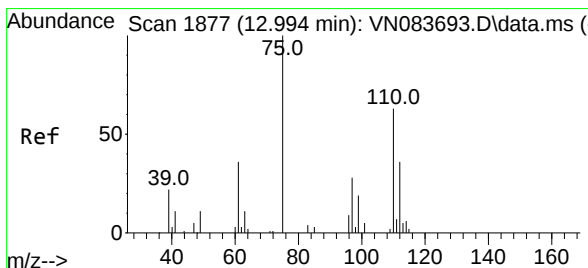
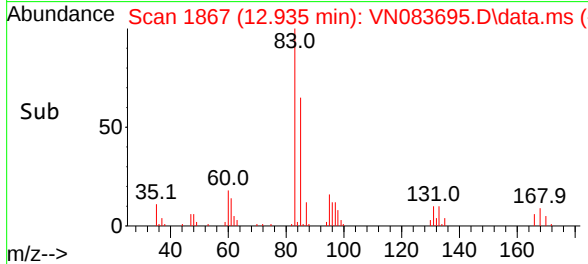
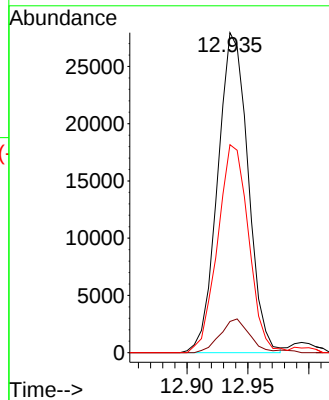
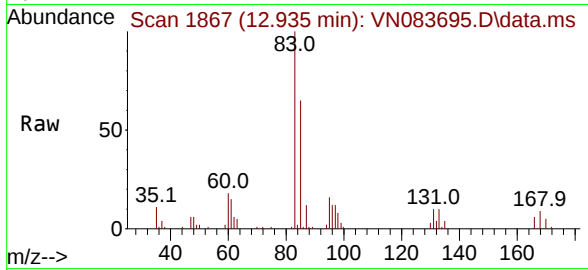
#71
1,1,2,2-Tetrachloroethane
Concen: 18.347 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument : MSVOA_N
ClientSampleId : ICVVN090624

Tgt Ion: 83 Resp: 4854
Ion Ratio Lower Upper
83 100
131 10.1 5.2 15.6
85 66.3 32.3 96.8

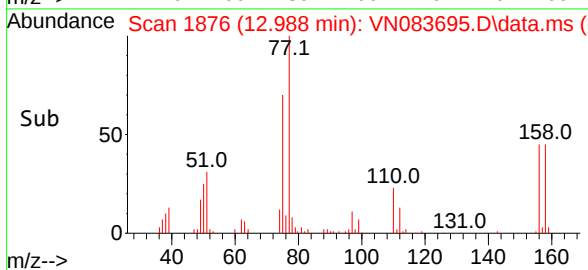
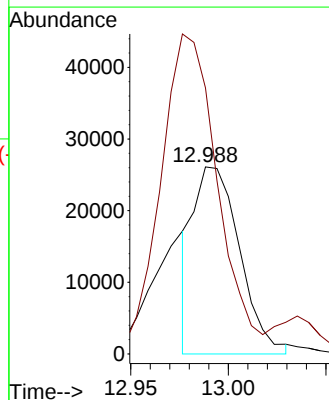
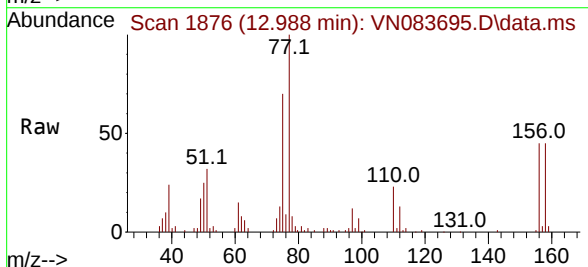
Manual Integrations
APPROVED

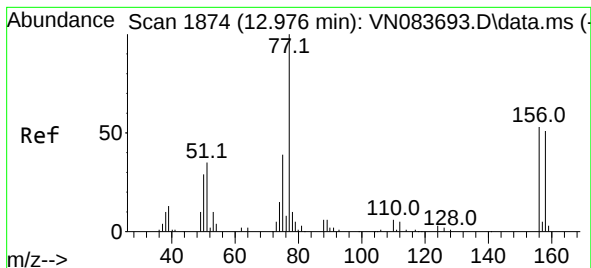
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#72
1,2,3-Trichloropropane
Concen: 18.507 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 75 Resp: 42935
Ion Ratio Lower Upper
75 100
77 211.0 0.0 367.6





#73

Bromobenzene

Concen: 17.272 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

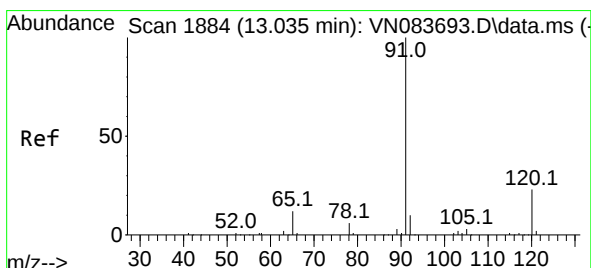
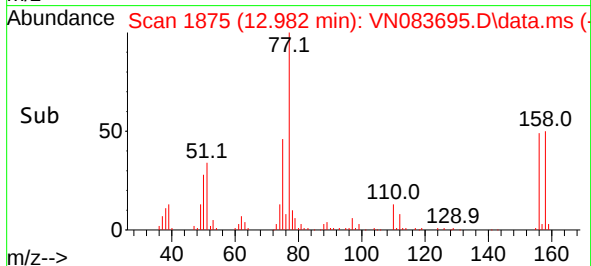
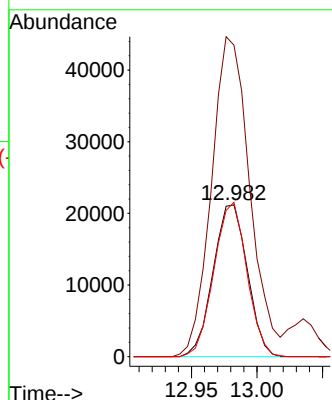
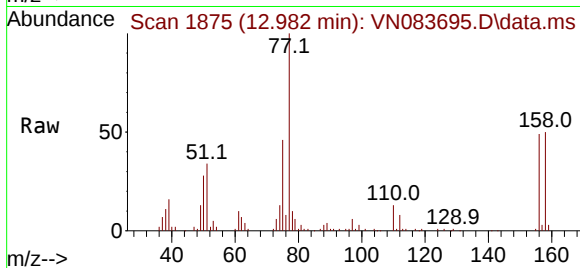
Tgt Ion:156 Resp: 38434
 Ion Ratio Lower Upper
 156 100
 77 235.7 0.0 437.6
 158 97.7 0.0 203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#74

n-propylbenzene

Concen: 17.536 ug/l

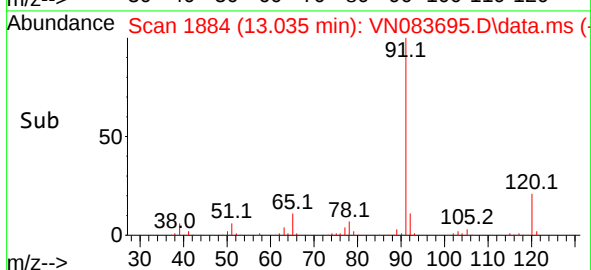
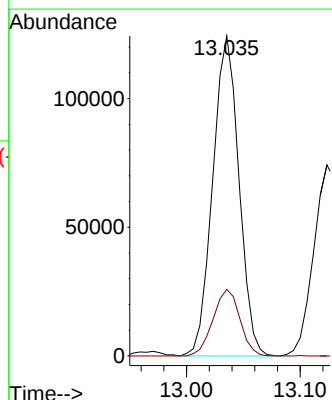
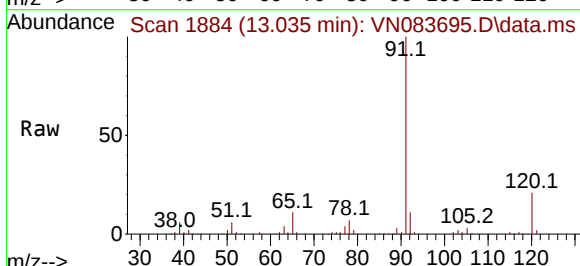
RT: 13.035 min Scan# 1884

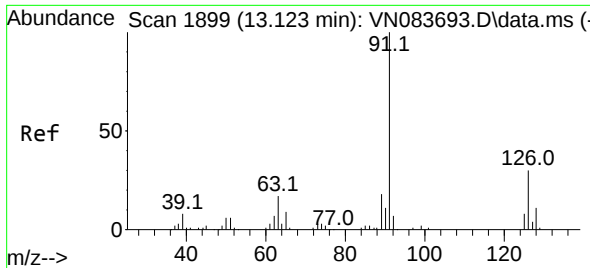
Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Tgt Ion: 91 Resp: 198876
 Ion Ratio Lower Upper
 91 100
 120 21.3 0.0 43.8





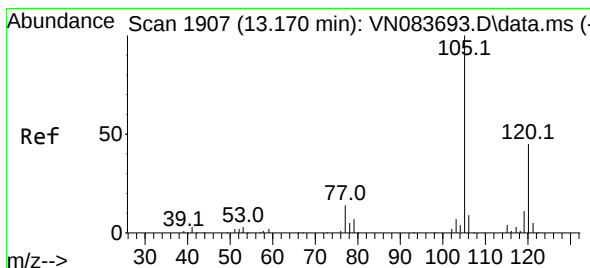
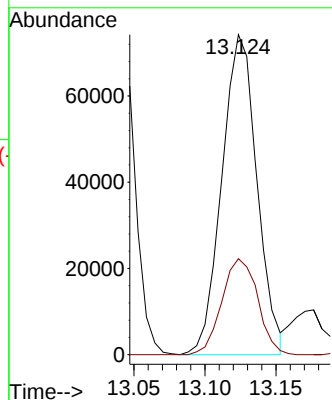
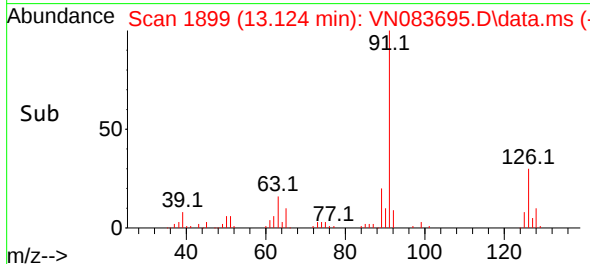
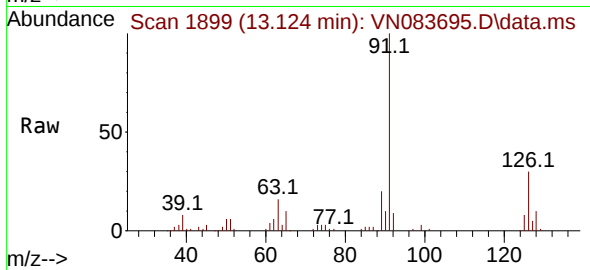
#75
2-Chlorotoluene
Concen: 18.021 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion: 91 Resp: 12755
Ion Ratio Lower Upper
91 100
126 30.6 0.0 61.2

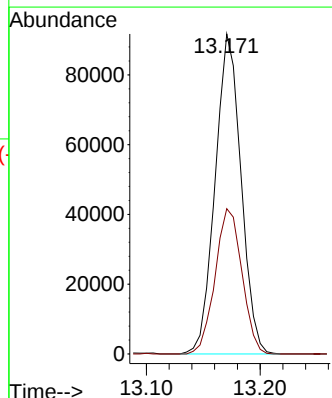
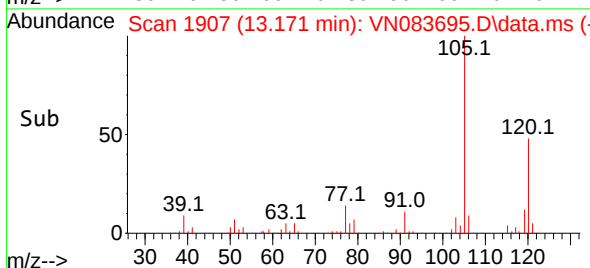
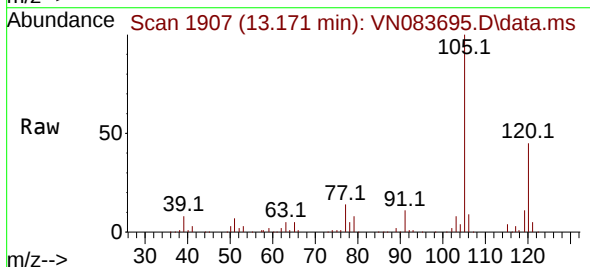
Manual Integrations
APPROVED

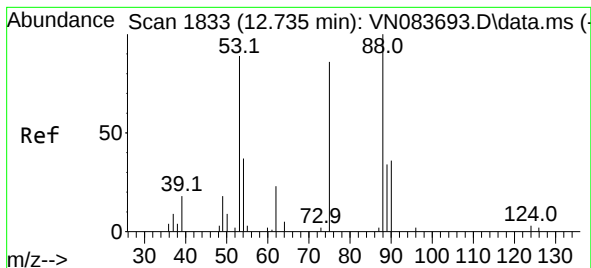
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 17.923 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

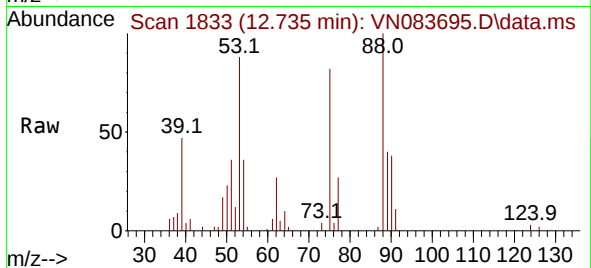
Tgt Ion:105 Resp: 145043
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.682 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

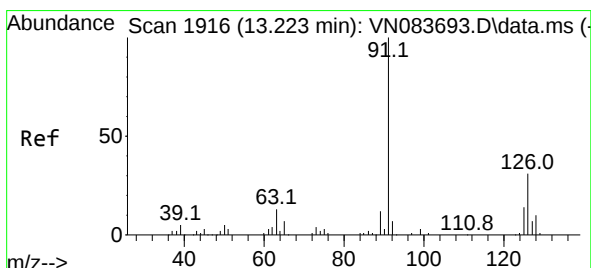
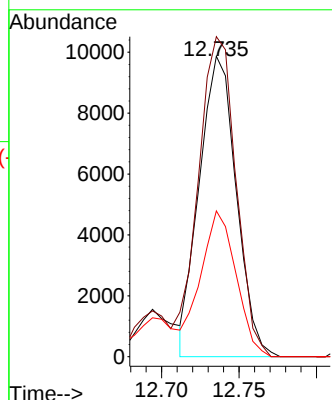
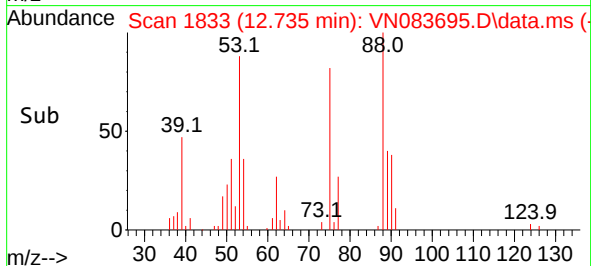
Instrument : MSVOA_N
ClientSampleId : ICVVN090624



Tgt Ion: 75 Resp: 1635
Ion Ratio Lower Upper
75 100
53 106.5 45.9 137.7
89 48.5 25.9 77.7

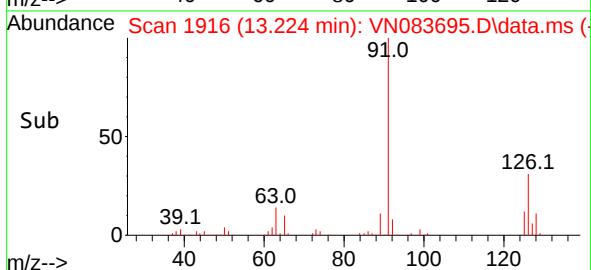
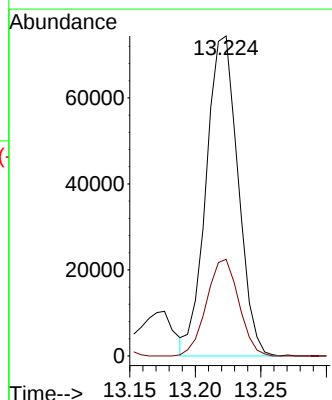
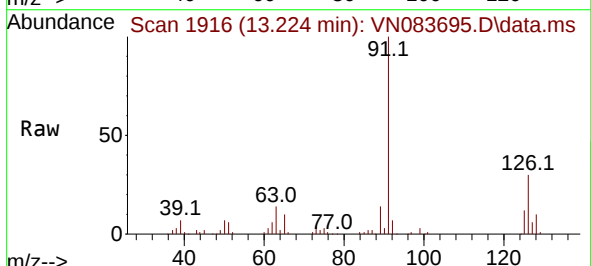
Manual Integrations
APPROVED

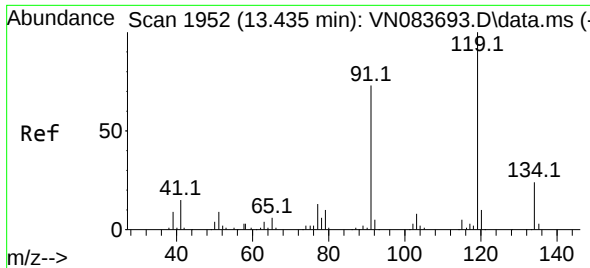
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#78
4-Chlorotoluene
Concen: 17.508 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

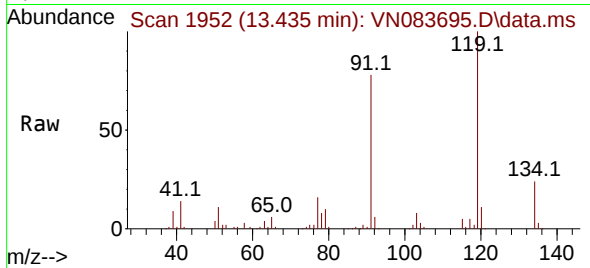
Tgt Ion: 91 Resp: 125678
Ion Ratio Lower Upper
91 100
126 30.6 0.0 62.8





#79
tert-butylbenzene
Concen: 17.537 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

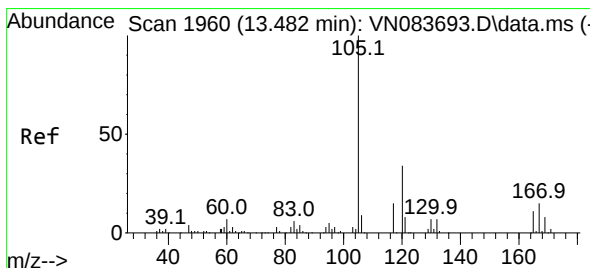
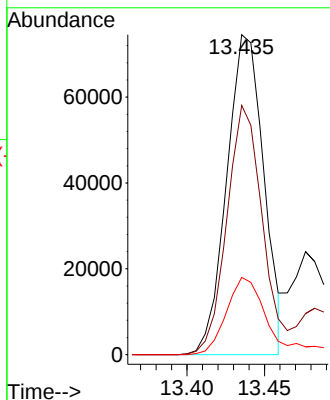
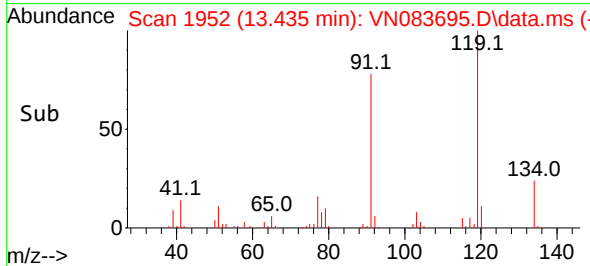
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



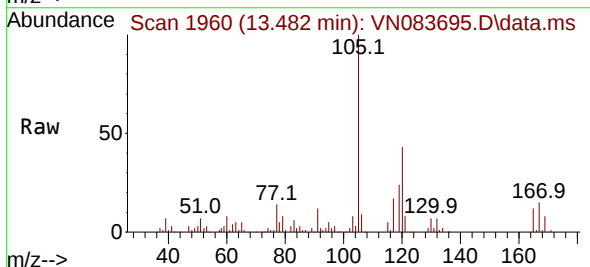
Tgt Ion:119 Resp: 124104
Ion Ratio Lower Upper
119 100
91 74.7 0.0 138.8
134 24.4 0.0 48.6

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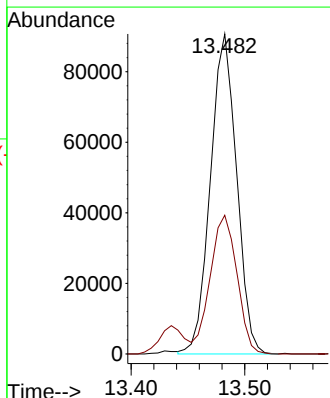
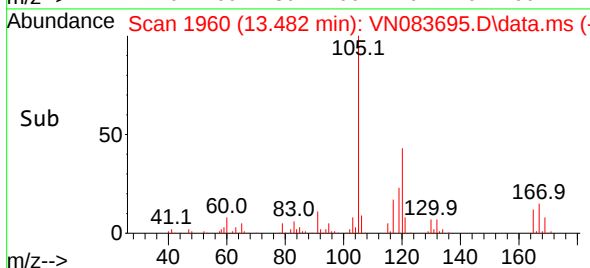
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

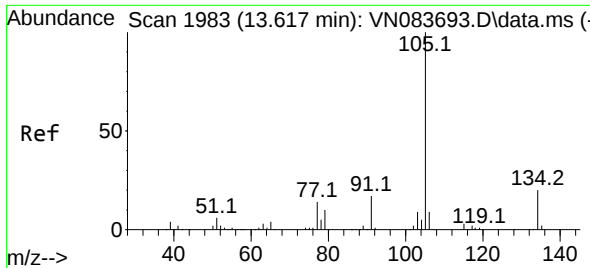


#80
1,2,4-Trimethylbenzene
Concen: 17.779 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



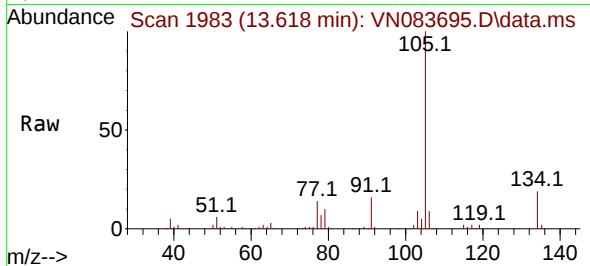
Tgt Ion:105 Resp: 145402
Ion Ratio Lower Upper
105 100
120 44.3 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 17.765 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083695.D
 Acq: 06 Sep 2024 14:35

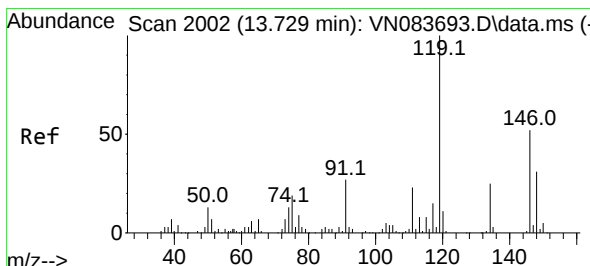
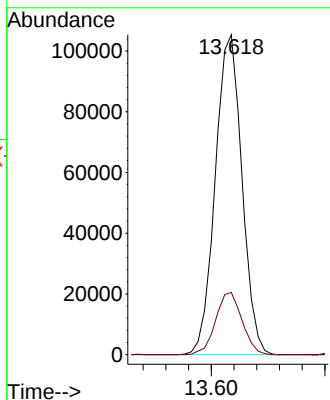
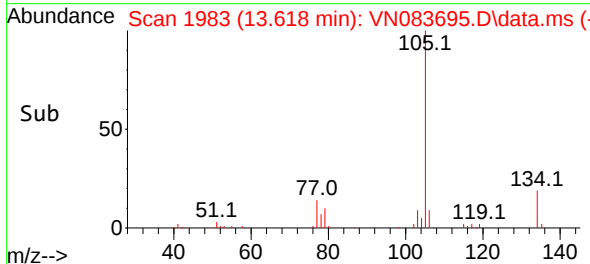
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN090624



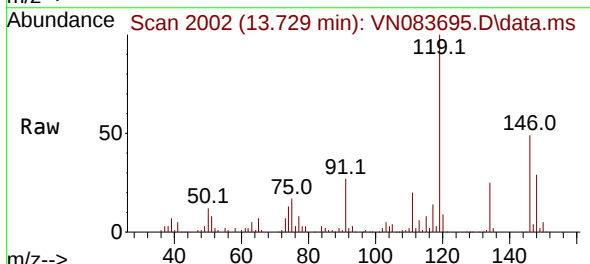
Tgt Ion:105 Resp: 171738
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0

Manual Integrations
 APPROVED

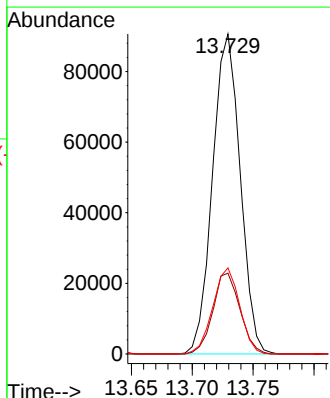
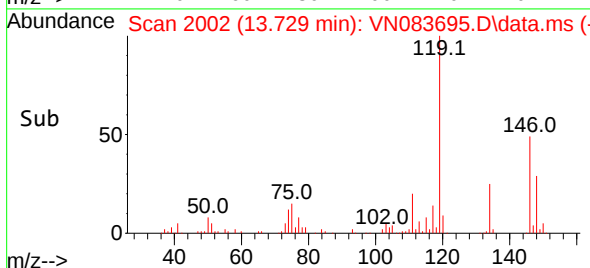
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024

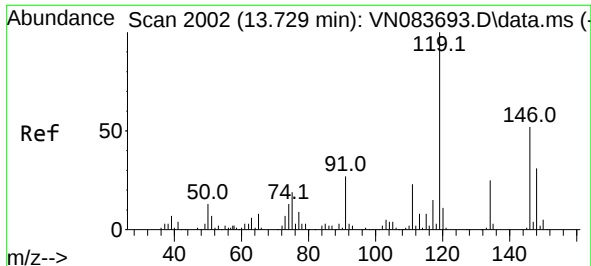


#82
 p-Isopropyltoluene
 Concen: 17.619 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083695.D
 Acq: 06 Sep 2024 14:35



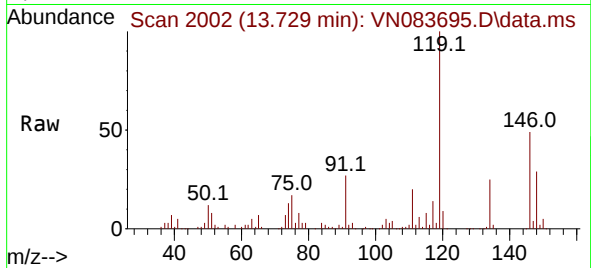
Tgt Ion:119 Resp: 143309
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.2
 91 26.1 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 17.609 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

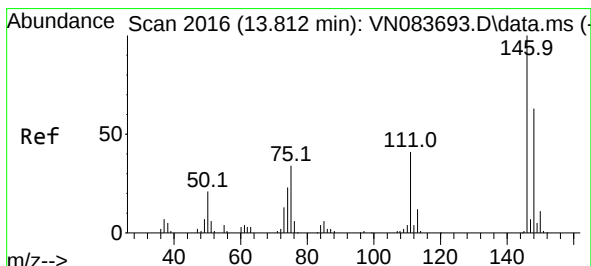
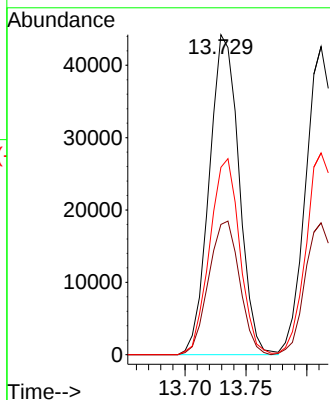
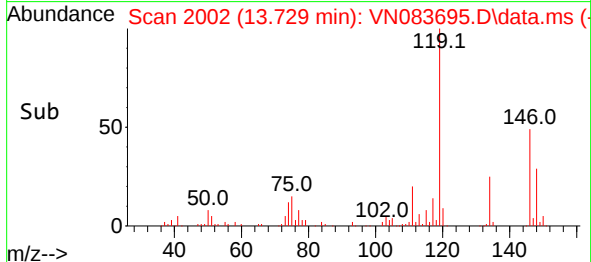
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



Tgt Ion:146 Resp: 75417
Ion Ratio Lower Upper
146 100
111 43.2 22.4 67.0
148 61.5 32.1 96.5

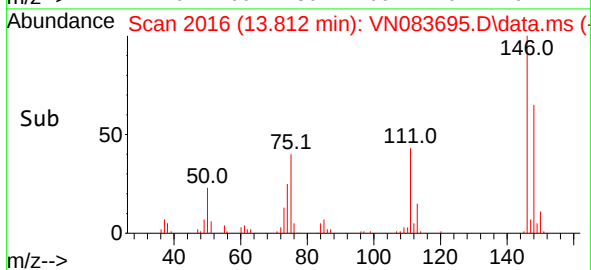
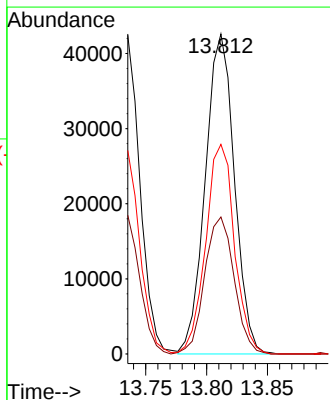
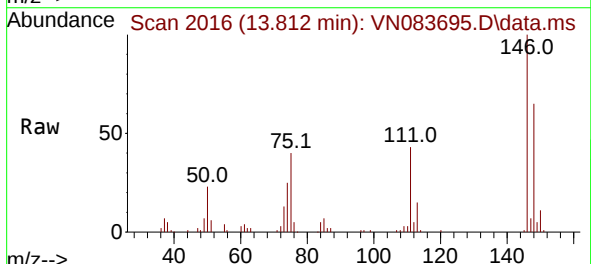
Manual Integrations
APPROVED

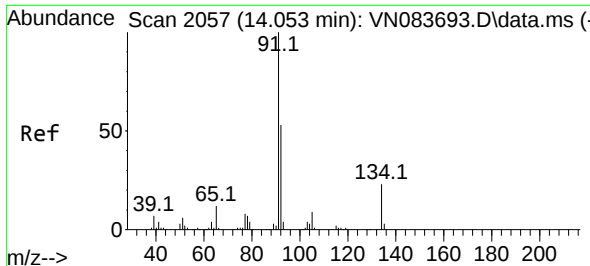
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#84
1,4-Dichlorobenzene
Concen: 16.562 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion:146 Resp: 70917
Ion Ratio Lower Upper
146 100
111 43.3 21.3 63.9
148 64.9 31.9 95.5





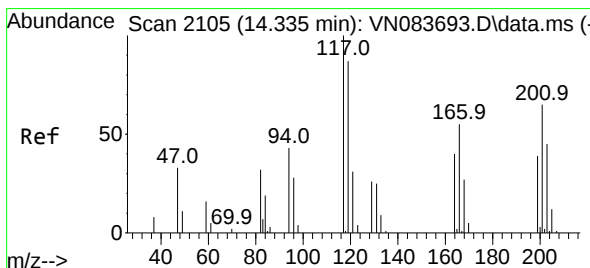
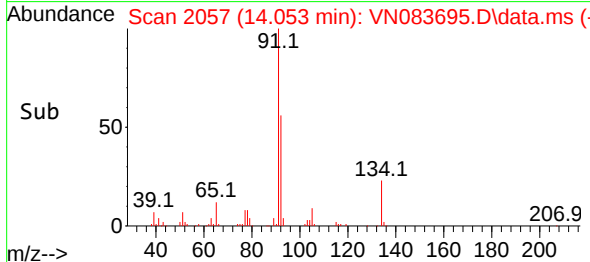
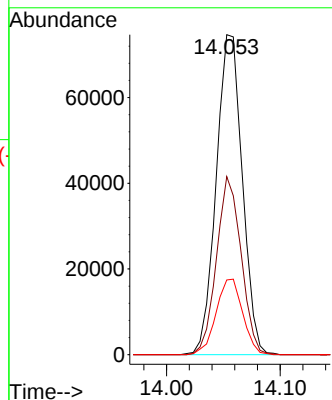
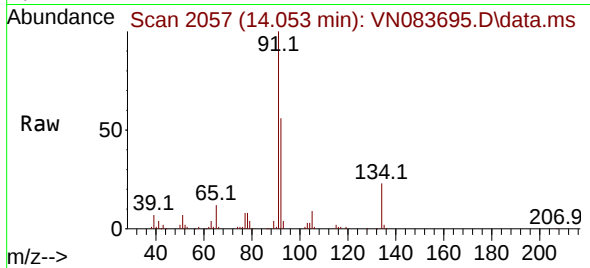
#85
n-Butylbenzene
Concen: 16.647 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624

Tgt Ion: 91 Resp: 11948
Ion Ratio Lower Upper
91 100
92 52.5 0.0 105.0
134 24.1 0.0 51.8

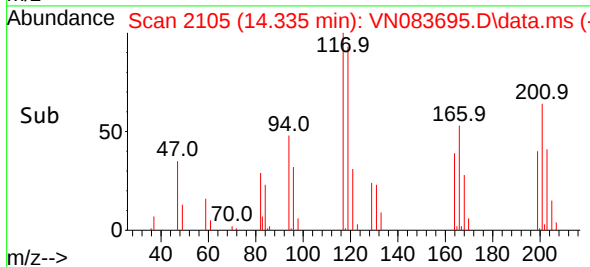
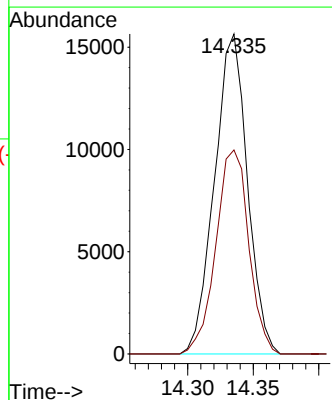
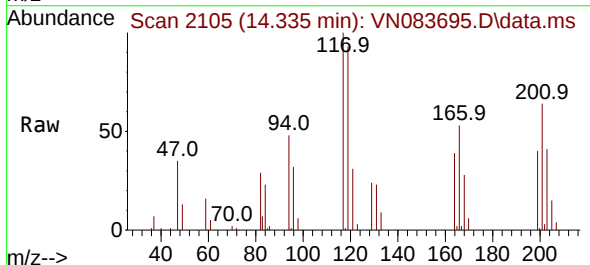
Manual Integrations
APPROVED

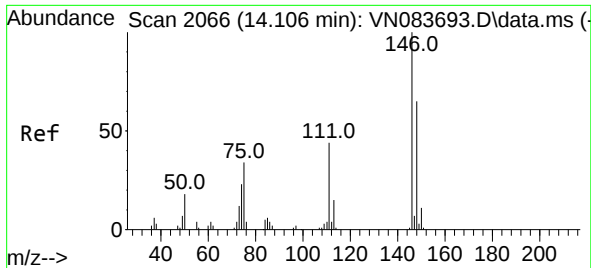
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#86
Hexachloroethane
Concen: 17.706 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion:117 Resp: 27292
Ion Ratio Lower Upper
117 100
201 63.7 38.0 114.0





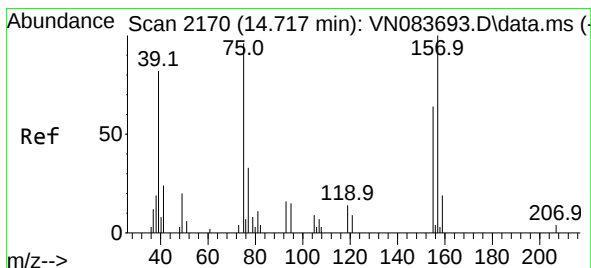
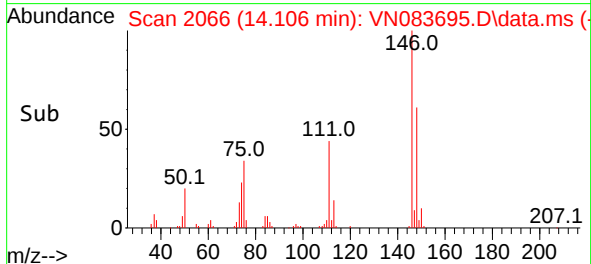
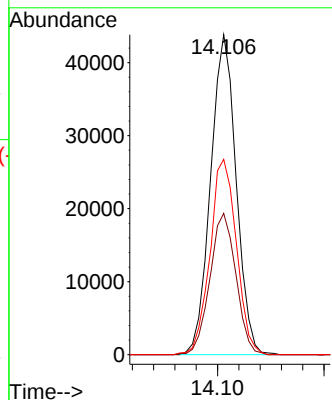
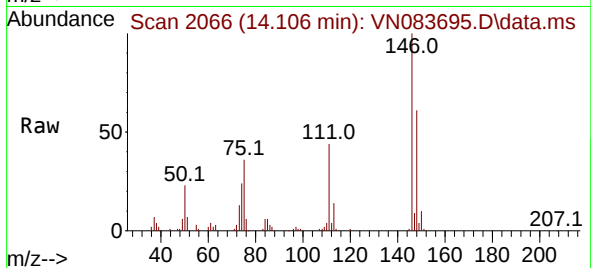
#87
1,2-Dichlorobenzene
Concen: 17.551 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Instrument :
MSVOA_N
ClientSampleId :
ICV090624

Tgt Ion:146 Resp: 72952
Ion Ratio Lower Upper
146 100
111 45.0 22.6 67.8
148 63.1 31.3 93.8

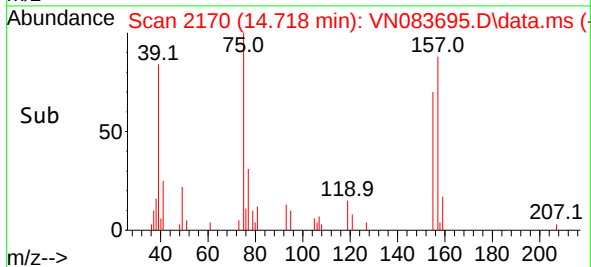
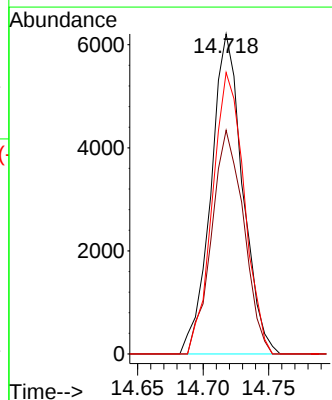
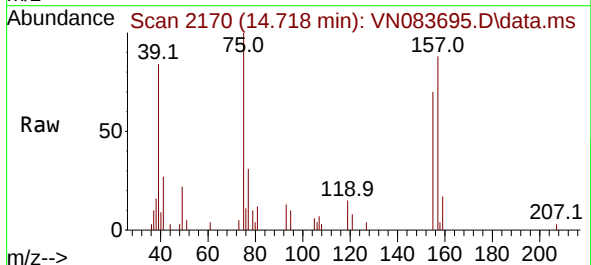
Manual Integrations
APPROVED

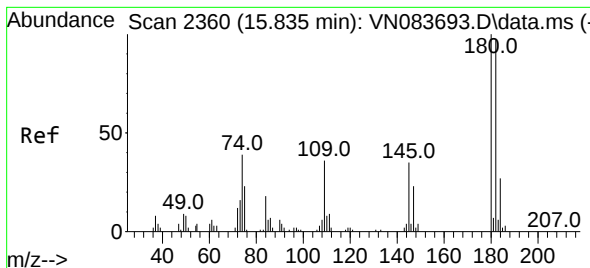
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 18.041 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

Tgt Ion: 75 Resp: 10491
Ion Ratio Lower Upper
75 100
155 70.6 61.7 92.5
157 87.7 83.6 125.4





#89

1,2,4-Trichlorobenzene

Concen: 15.835 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN090624

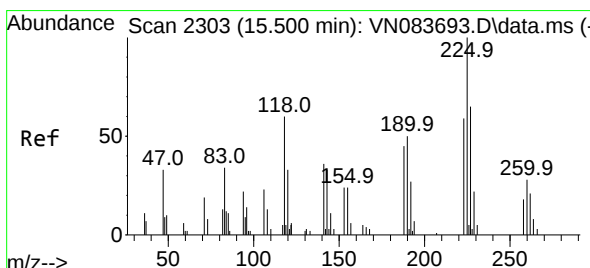
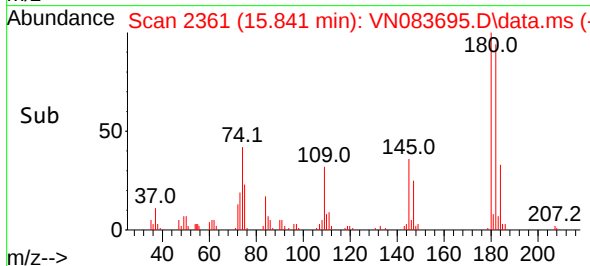
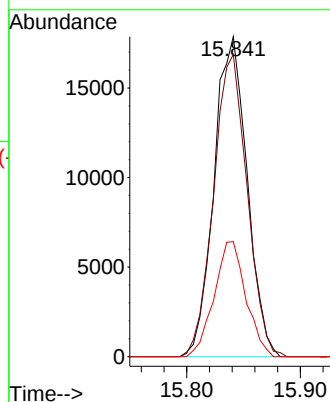
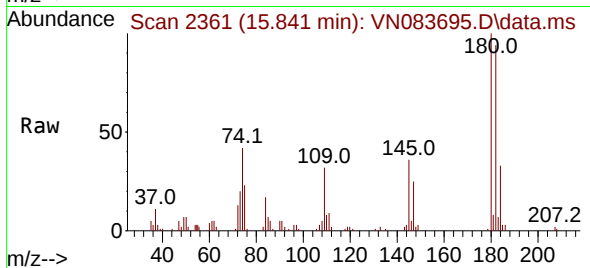
Tgt Ion:	180	Resp:	3605
Ion Ratio	Lower	Upper	
180	100		
182	95.5	76.4	114.6
145	34.6	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#90

Hexachlorobutadiene

Concen: 16.708 ug/l

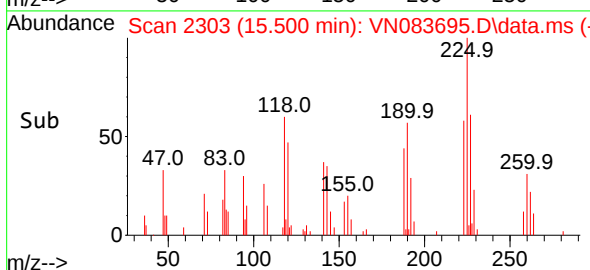
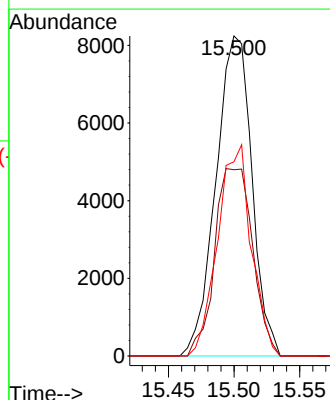
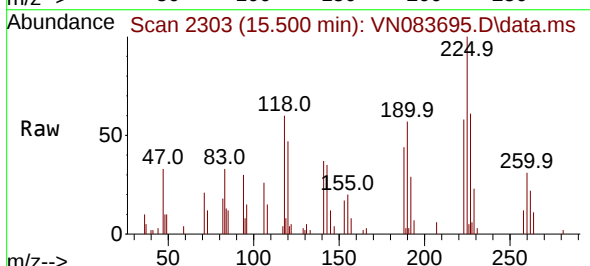
RT: 15.500 min Scan# 2303

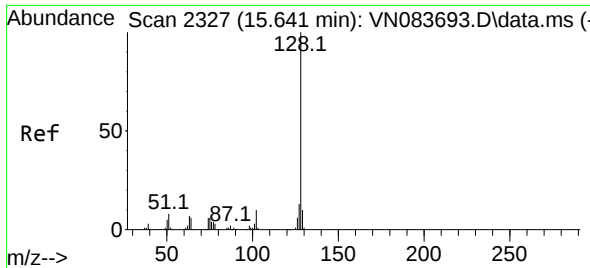
Delta R.T. 0.000 min

Lab File: VN083695.D

Acq: 06 Sep 2024 14:35

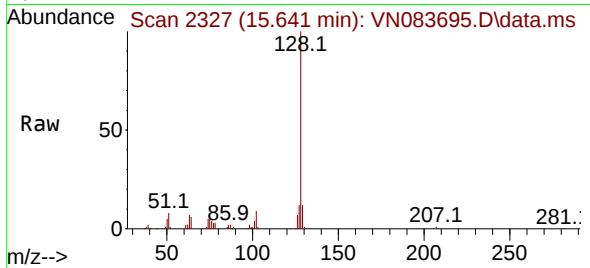
Tgt Ion:	225	Resp:	15748
Ion Ratio	Lower	Upper	
225	100		
223	61.8	0.0	126.6
227	61.6	0.0	126.6





#91
Naphthalene
Concen: 16.206 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35

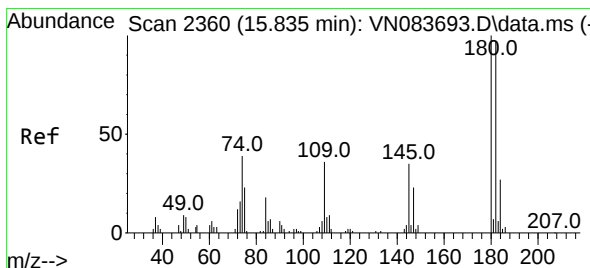
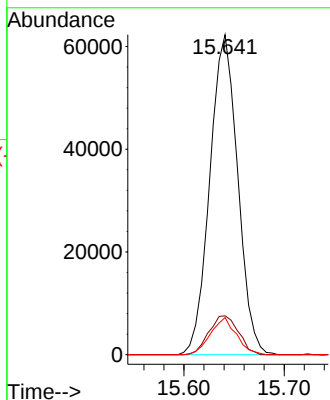
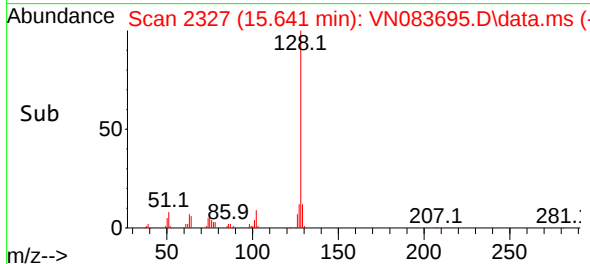
Instrument :
MSVOA_N
ClientSampleId :
ICVVN090624



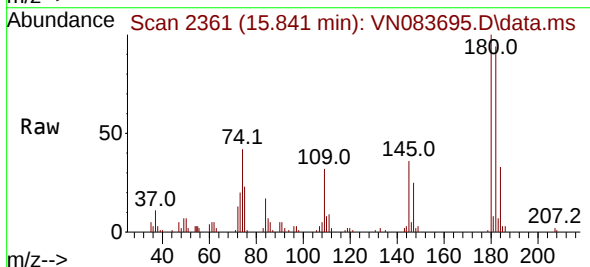
Tgt Ion:128 Resp: 120645
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 15.835 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083695.D
Acq: 06 Sep 2024 14:35



Tgt Ion:180 Resp: 36058
Ion Ratio Lower Upper
180 100
182 95.5 0.0 191.0
145 34.6 0.0 71.0

