

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083708.D
 Acq On : 09 Sep 2024 10:03
 Operator : JC\MD
 Sample : VN0909WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Sep 10 01:16:13 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	31032	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	176340	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	157868	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	84062	29.635	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.800%		
60) 4-Bromofluorobenzene	12.847	95	81142	29.823	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.400%		
63) Toluene-d8	10.565	98	219979	30.093	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	35706	17.182	ug/l	96
3) Chloromethane	2.359	50	37868	17.538	ug/l	94
4) Vinyl Chloride	2.512	62	38226	17.221	ug/l	91
5) Bromomethane	2.901	94	21688	17.488	ug/l	93
6) Chloroethane	3.071	64	27267	18.344	ug/l	92
7) Trichlorofluoromethane	3.465	101	64048	17.211	ug/l	98
8) Diethyl Ether	3.954	74	22619	17.888	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.353	101	35220m	17.619	ug/l	
10) 1,1-Dichloroethene	4.324	96	32968	17.093	ug/l #	74
11) Methyl Iodide	4.571	142	44708	17.066	ug/l	92
12) Methyl Acetate	5.018	43	43491	18.698	ug/l #	77
13) Acrolein	4.177	56	36591	107.792	ug/l	98
14) Acrylonitrile	5.712	53	84766	90.052	ug/l	95
15) Acetone	4.430	58	28466	91.165	ug/l	75
16) Carbon Disulfide	4.701	76	90091	16.528	ug/l	96
17) Allyl chloride	5.012	41	57665	17.050	ug/l	87
18) Methylene Chloride	5.265	84	36879	17.477	ug/l	92
19) trans-1,2-Dichloroethene	5.777	96	34686	17.352	ug/l	97
20) Diisopropyl ether	6.671	45	118820	17.396	ug/l	96
21) 1,1-Dichloroethane	6.565	63	68303	17.515	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	41012	16.857	ug/l	92
23) tert-Butyl Alcohol	5.536	59	35151	101.764	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	121305	17.699	ug/l #	87
25) Chloroform	7.965	83	72159	17.460	ug/l	99
26) Cyclohexane	8.253	56	57616	16.775	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	48120	17.204	ug/l	98
30) 2-Butanone	7.483	43	125228	94.980	ug/l	96
31) 2,2-Dichloropropane	7.489	77	64997	18.227	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	66397	17.775	ug/l	98
33) Carbon Tetrachloride	8.359	117	58022	17.937	ug/l	99
34) Benzene	8.600	78	151159	18.012	ug/l #	95
35) Methacrylonitrile	7.777	41	29187	19.692	ug/l	91
36) 1,2-Dichloroethane	8.671	62	57105	18.100	ug/l	95
37) Trichloroethene	9.353	130	35056	17.789	ug/l	94
38) Methylcyclohexane	9.594	83	59286	17.705	ug/l	97
39) 1,2-Dichloropropane	9.618	63	36311	17.978	ug/l	97
40) Dibromomethane	9.706	93	26610	18.018	ug/l	94
41) Bromodichloromethane	9.888	83	55660	17.723	ug/l	98
42) Vinyl Acetate	6.600	43	450676	83.137	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	48775	18.379	ug/l	97
44) Isopropyl Acetate	8.683	43	85971	18.730	ug/l	90
45) 1,4-Dioxane	9.694	88	15043	420.192	ug/l	98
46) Methyl methacrylate	9.683	41	42453	19.109	ug/l	80
47) n-amyl Acetate	12.494	43	77395	19.035	ug/l #	89
48) t-1,3-Dichloropropene	10.835	75	57570	17.428	ug/l	96
49) cis-1,3-Dichloropropene	10.312	75	61875	18.011	ug/l #	87
50) 1,1,2-Trichloroethane	11.012	97	35316	18.793	ug/l	96
51) Ethyl methacrylate	10.871	69	58165	18.117	ug/l	70
52) 1,3-Dichloropropane	11.159	76	61067	17.994	ug/l	99
53) Dibromochloromethane	11.359	129	40918	18.153	ug/l	96
54) 1,2-Dibromoethane	11.471	107	35213	18.113	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	109480	85.564	ug/l	99
56) Bromoform	12.576	173	25863	18.061	ug/l	99
58) 4-Methyl-2-Pentanone	10.441	43	248553	99.295	ug/l #	88
59) 2-Hexanone	11.194	43	189895	100.397	ug/l	88
61) Tetrachloroethene	11.100	164	28874	17.282	ug/l	95
62) Toluene	10.630	91	160730	17.713	ug/l	100
64) Chlorobenzene	11.888	112	98169	17.474	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	35072	17.921	ug/l	95
66) Ethyl Benzene	11.965	91	177087	17.161	ug/l	96
67) m/p-Xylenes	12.071	106	131117	34.537	ug/l	96
68) o-Xylene	12.394	106	64783	17.632	ug/l	95
69) Styrene	12.412	104	106951	17.227	ug/l	98
70) Isopropylbenzene	12.694	105	171180	17.654	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	50581	19.099	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	44968m	19.367	ug/l	
73) Bromobenzene	12.976	156	39441	17.709	ug/l	94
74) n-propylbenzene	13.035	91	194312	17.119	ug/l	100
75) 2-Chlorotoluene	13.124	91	125200	17.673	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	143082	17.665	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16943	17.263	ug/l	87
78) 4-Chlorotoluene	13.223	91	120926	16.832	ug/l	99
79) tert-butylbenzene	13.435	119	126257	17.826	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	143312	17.509	ug/l	99
81) sec-Butylbenzene	13.618	105	164949	17.048	ug/l	100
82) p-Isopropyltoluene	13.729	119	138870	17.059	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	72292	16.865	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	71460	16.675	ug/l	99
85) n-Butylbenzene	14.053	91	117524	16.360	ug/l	98
86) Hexachloroethane	14.335	117	26943	17.465	ug/l	88
87) 1,2-Dichlorobenzene	14.106	146	71564	17.203	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	10930	18.780	ug/l	93
89) 1,2,4-Trichlorobenzene	15.841	180	36209	15.888	ug/l	99
90) Hexachlorobutadiene	15.500	225	16072	17.038	ug/l	99
91) Naphthalene	15.641	128	122921	16.498	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	36209	15.888	ug/l	99

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

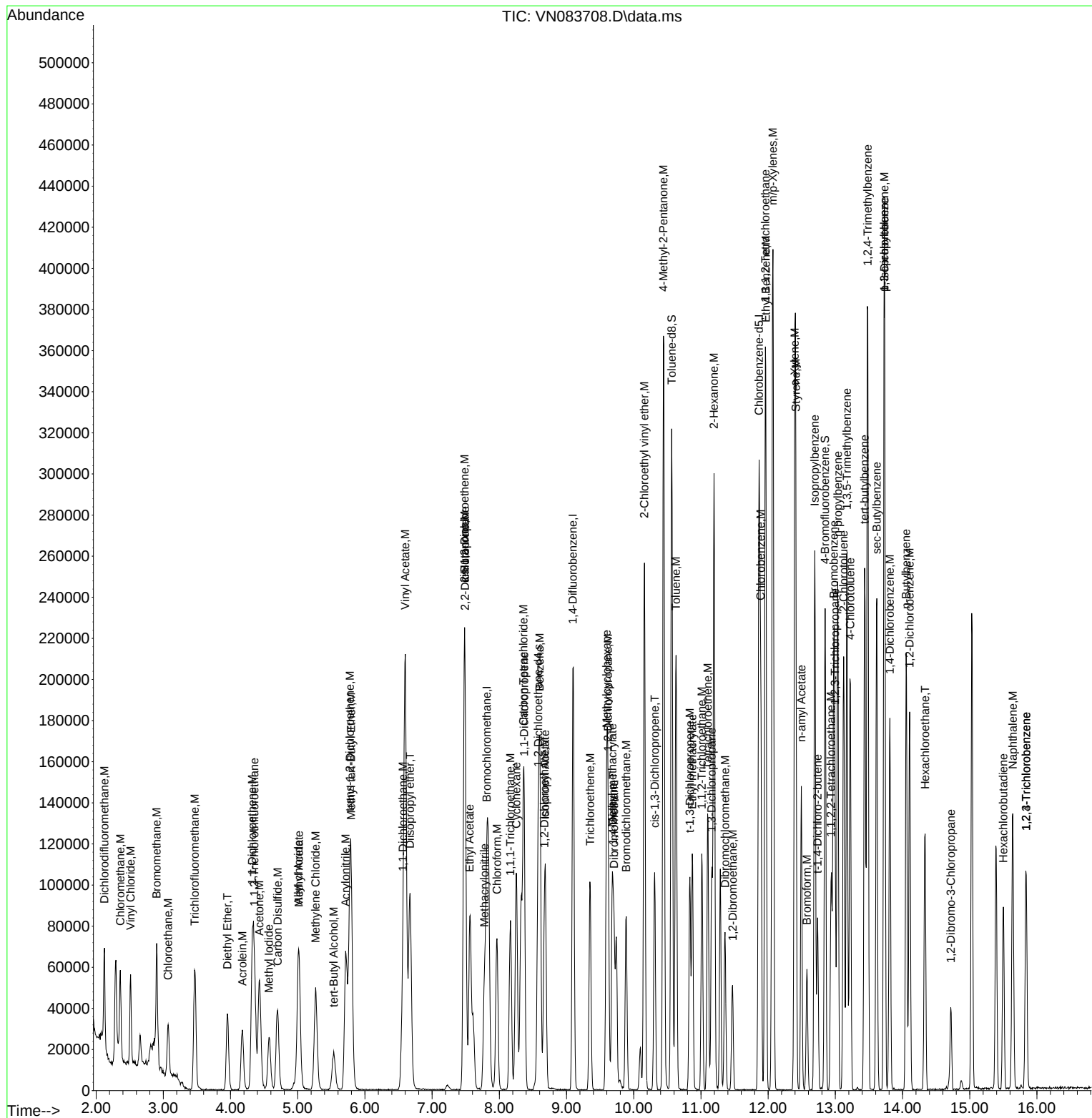
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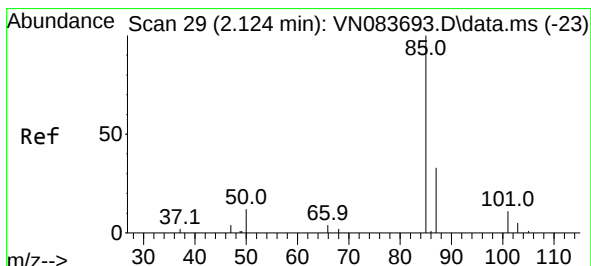
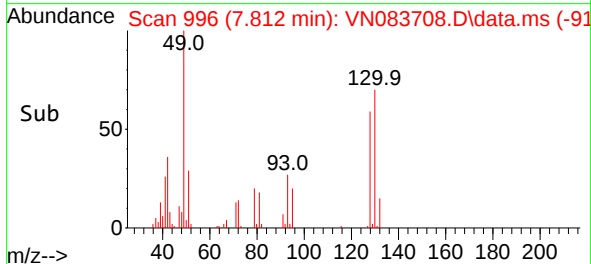
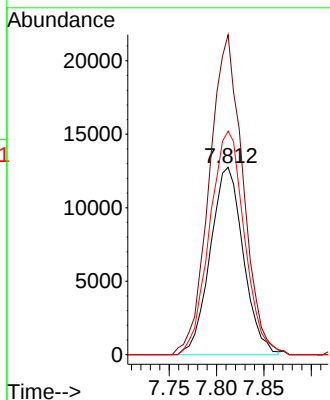
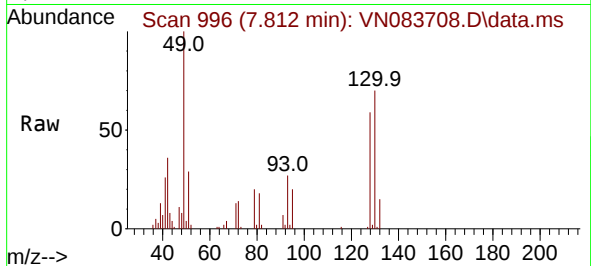
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Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:128 Resp: 3103
Ion Ratio Lower Upper
128 100
49 173.1 0.0 403.7
130 125.8 0.0 323.3

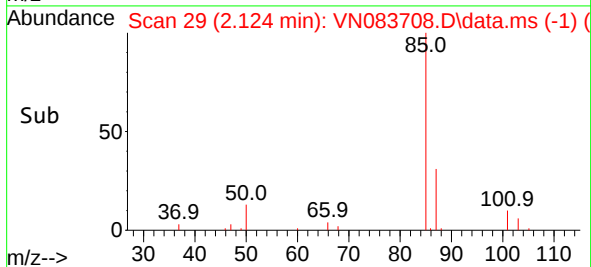
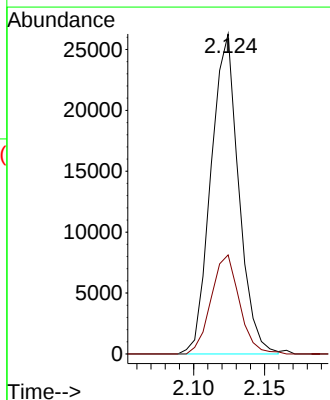
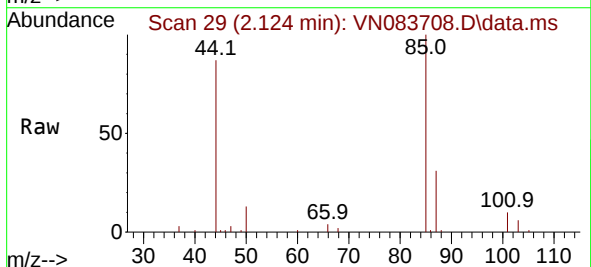
Manual Integrations
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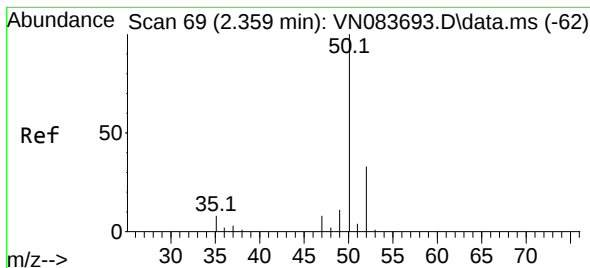
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#2
Dichlorodifluoromethane
Concen: 17.182 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Tgt Ion: 85 Resp: 35706
Ion Ratio Lower Upper
85 100
87 31.0 16.8 50.3





#3

Chloromethane

Concen: 17.538 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN083708.D

Acq: 09 Sep 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 50 Resp: 3786

Ion Ratio Lower Upper

50 100

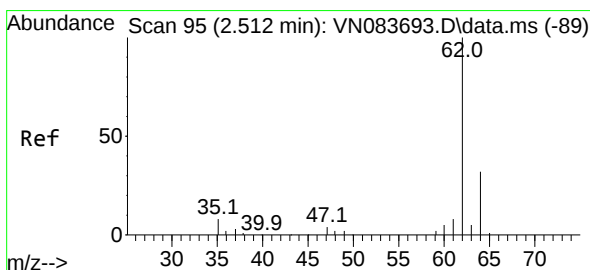
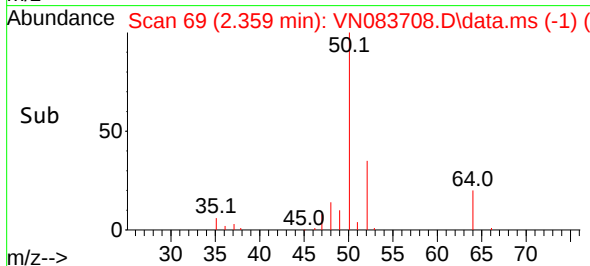
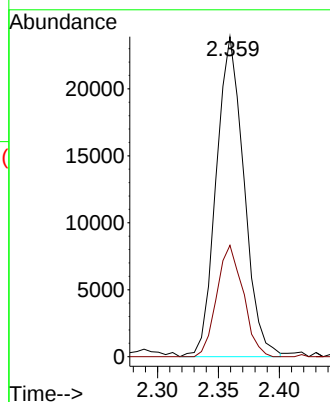
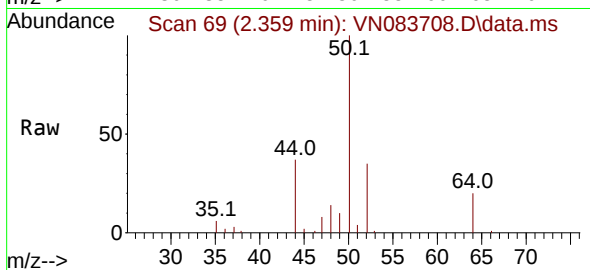
52 34.8 25.4 38.0

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#4

Vinyl Chloride

Concen: 17.221 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN083708.D

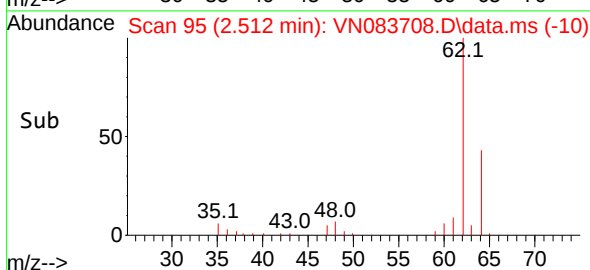
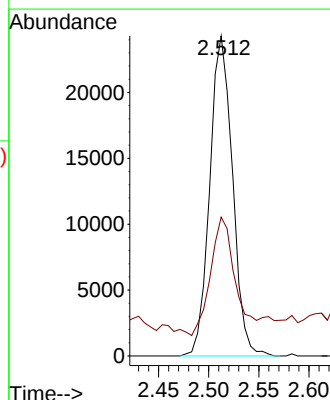
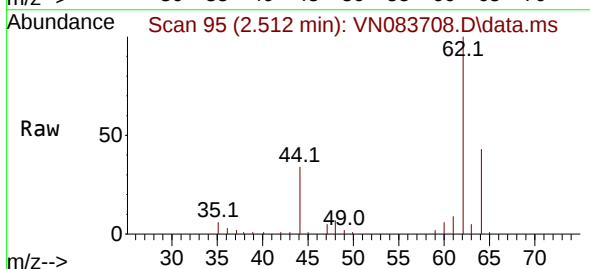
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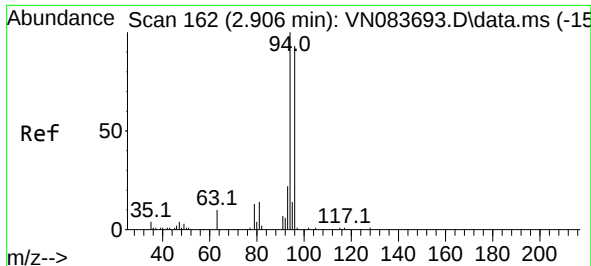
Tgt Ion: 62 Resp: 38226

Ion Ratio Lower Upper

62 100

64 35.1 24.1 36.1





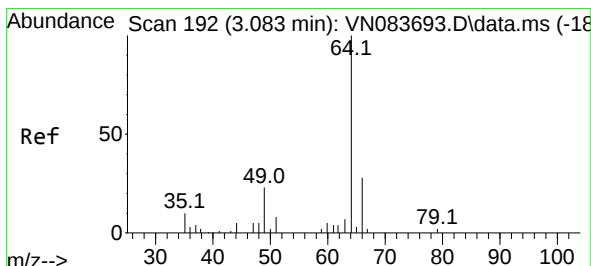
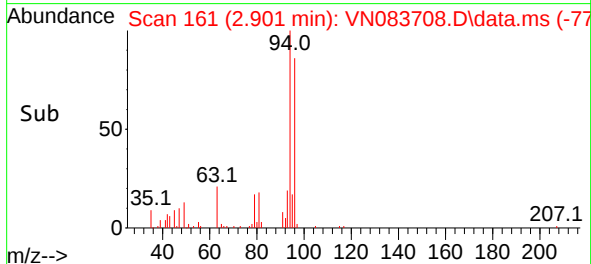
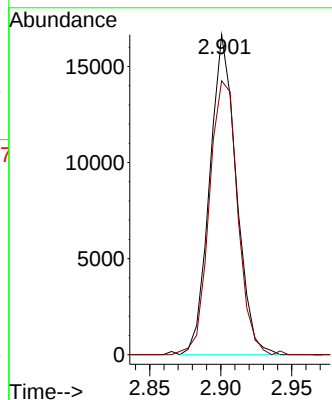
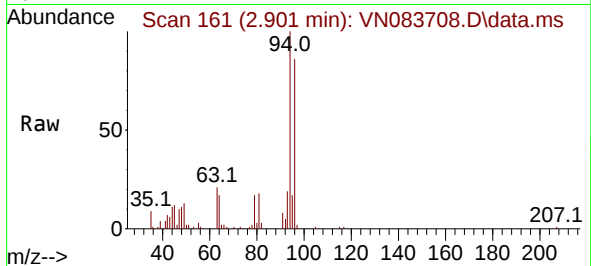
#5
Bromomethane
Concen: 17.488 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

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Tgt Ion: 94 Resp: 2168
Ion Ratio Lower Upper
94 100
96 84.5 72.8 109.2

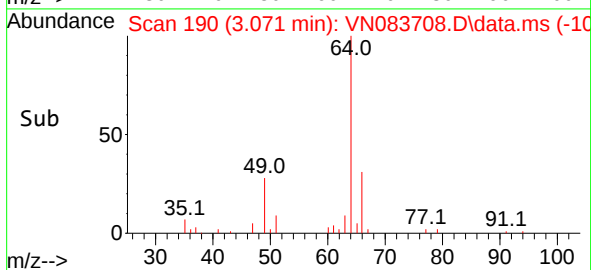
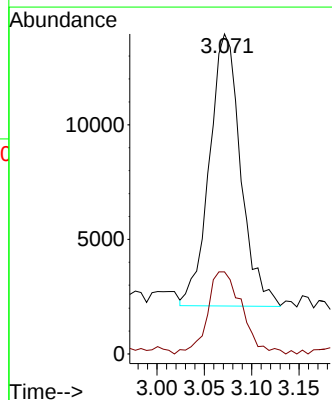
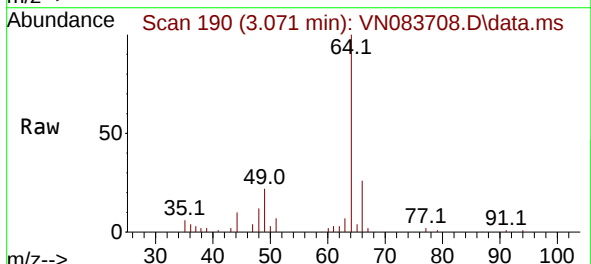
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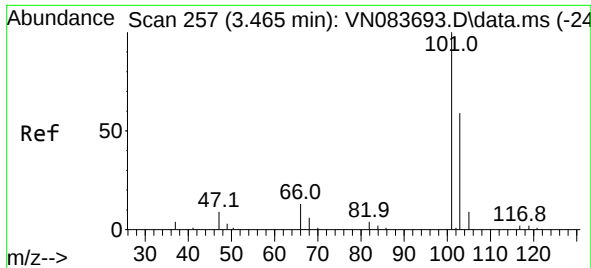
Reviewed By :John Carlone 09/10/2024
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#6
Chloroethane
Concen: 18.344 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.012 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

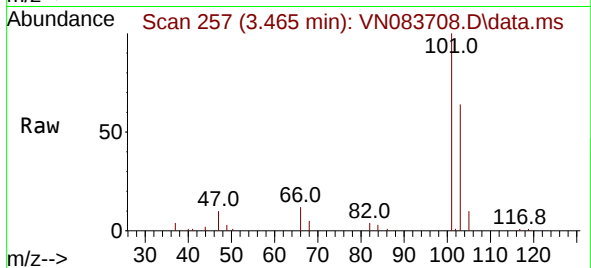
Tgt Ion: 64 Resp: 27267
Ion Ratio Lower Upper
64 100
66 28.8 26.7 40.1





#7
Trichlorofluoromethane
Concen: 17.211 ug/l
RT: 3.465 min Scan# 257
Delta R.T. 0.000 min
Lab File: VN083708.D
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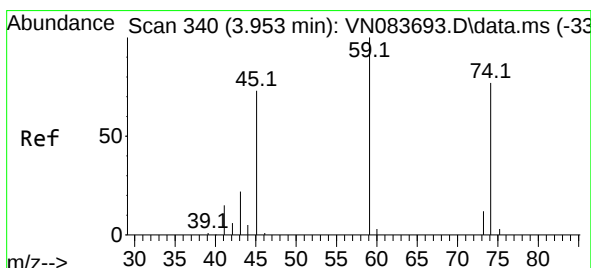
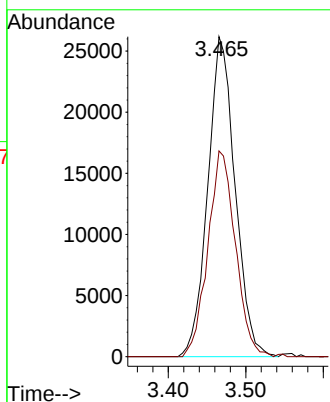
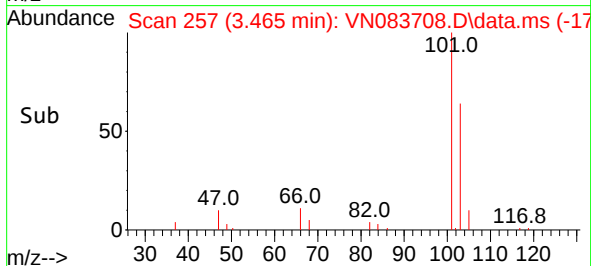
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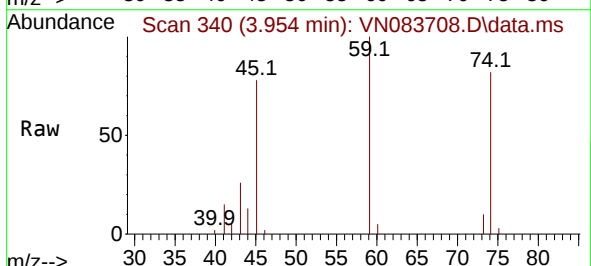
Tgt Ion:101 Resp: 6404
Ion Ratio Lower Upper
101 100
103 64.3 53.0 79.4

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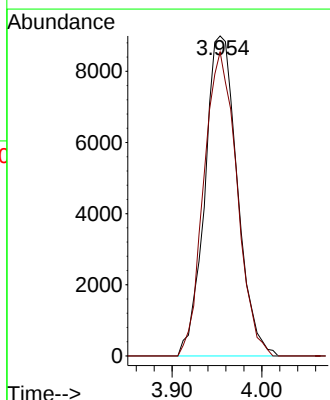
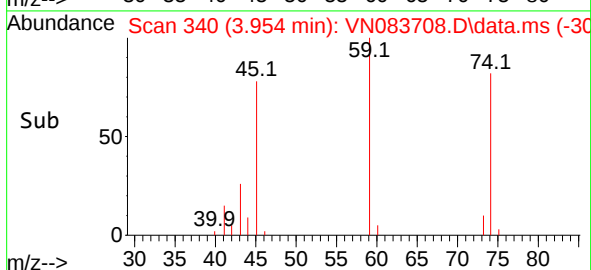
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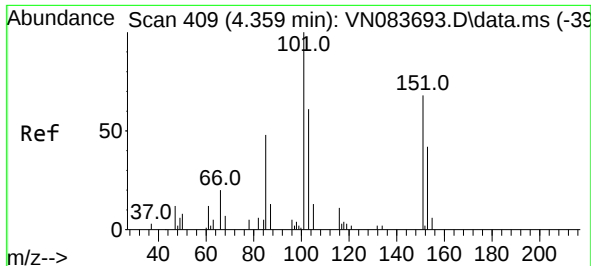


#8
Diethyl Ether
Concen: 17.888 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion: 74 Resp: 22619
Ion Ratio Lower Upper
74 100
45 96.6 16.4 147.4





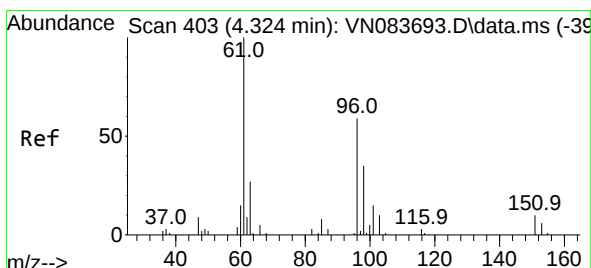
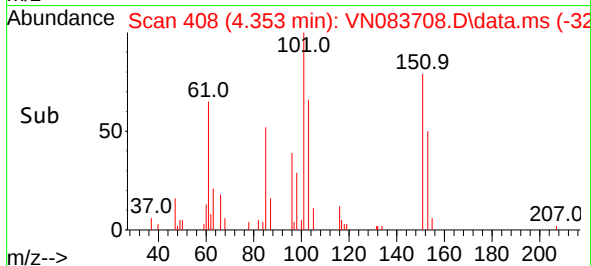
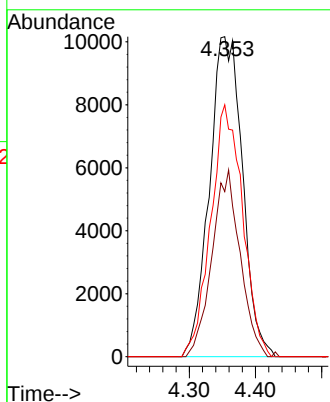
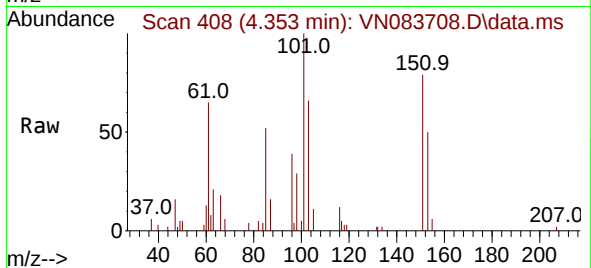
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1,1,2-Trichlorotrifluoroethane
Concen: 17.619 ug/l m
RT: 4.353 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083708.D
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Tgt Ion:101 Resp: 35220
Ion Ratio Lower Upper
101 100
85 49.7 0.0 90.6
151 75.8 0.0 157.6

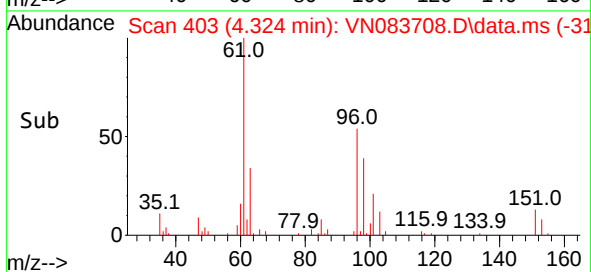
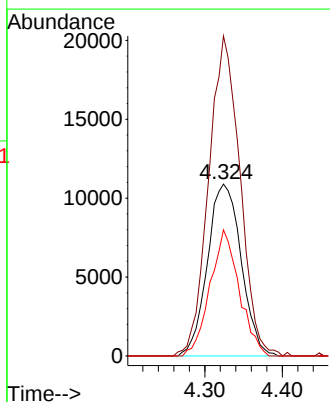
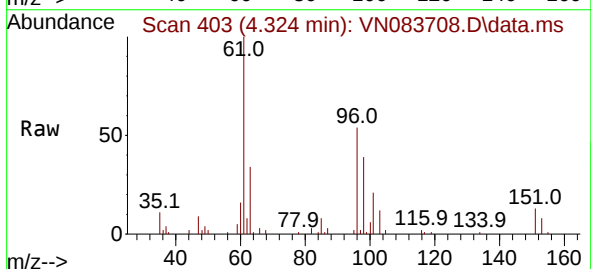
Manual Integrations
APPROVED

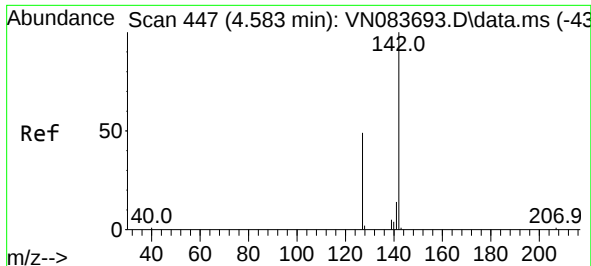
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#10
1,1-Dichloroethene
Concen: 17.093 ug/l
RT: 4.324 min Scan# 403
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

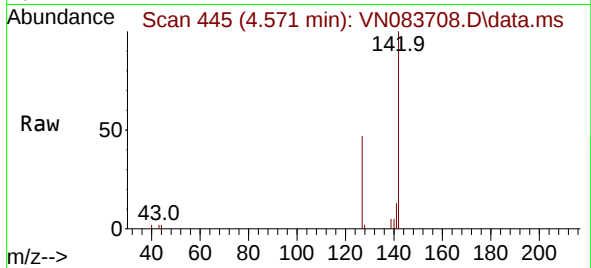
Tgt Ion: 96 Resp: 32968
Ion Ratio Lower Upper
96 100
61 183.9 117.6 176.4#
98 73.4 48.4 72.6#





#11
Methyl Iodide
Concen: 17.066 ug/l
RT: 4.571 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

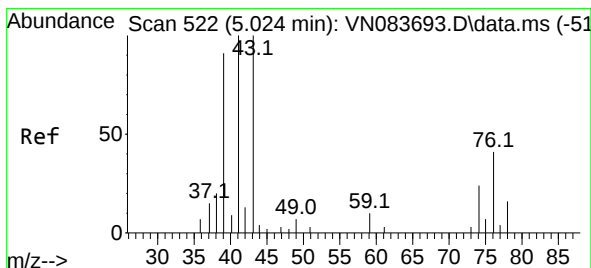
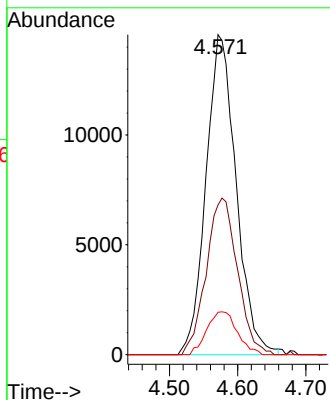
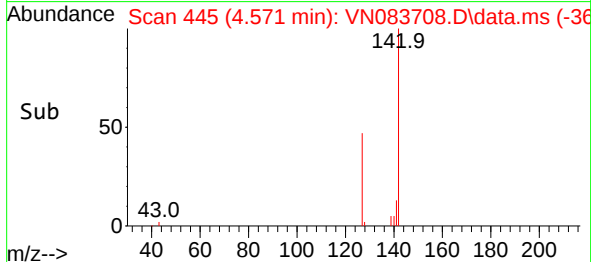
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion:142 Resp: 44708
Ion Ratio Lower Upper
142 100
127 47.2 26.3 78.9
141 13.4 8.3 24.9

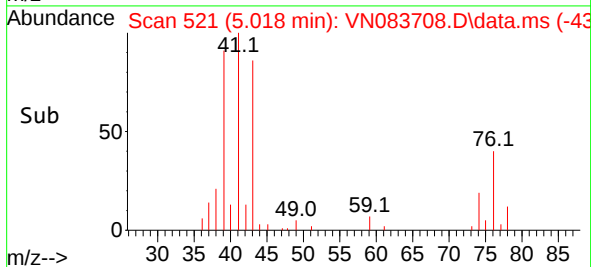
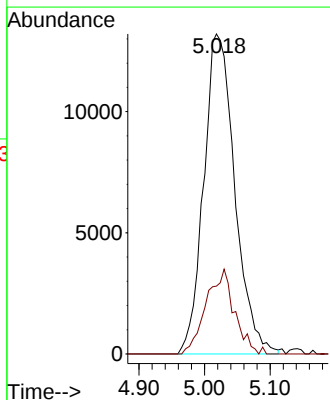
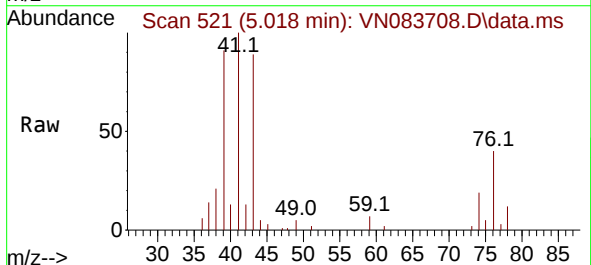
Manual Integrations
APPROVED

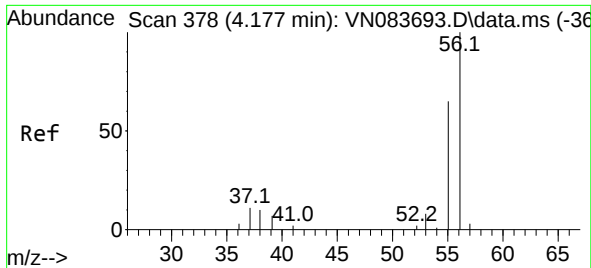
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#12
Methyl Acetate
Concen: 18.698 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

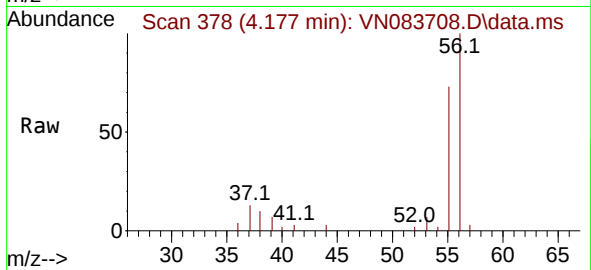
Tgt Ion: 43 Resp: 43491
Ion Ratio Lower Upper
43 100
74 21.4 27.7 41.5#





#13
Acrolein
Concen: 107.792 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

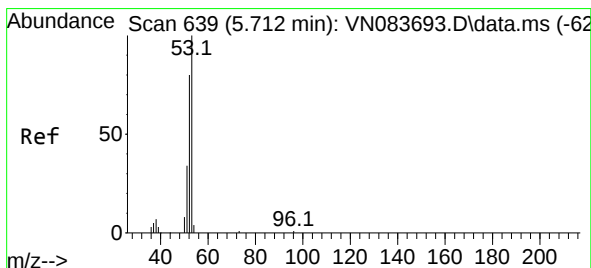
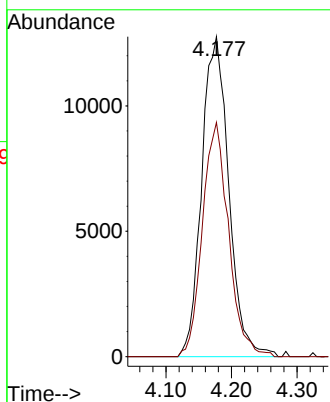
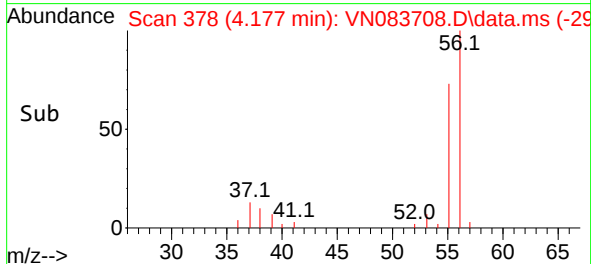
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 56 Resp: 3659
Ion Ratio Lower Upper
56 100
55 70.9 55.5 83.3

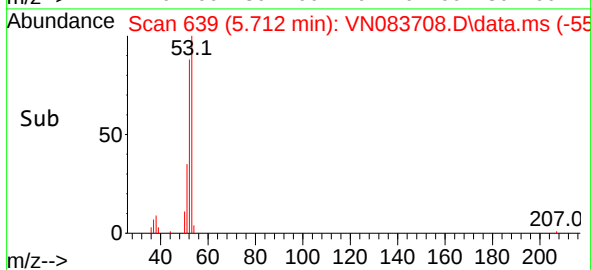
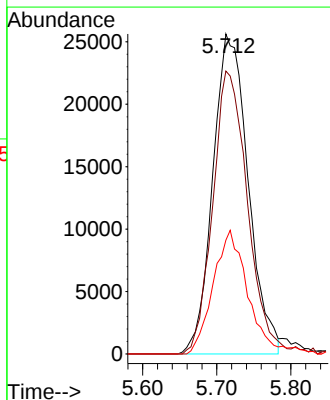
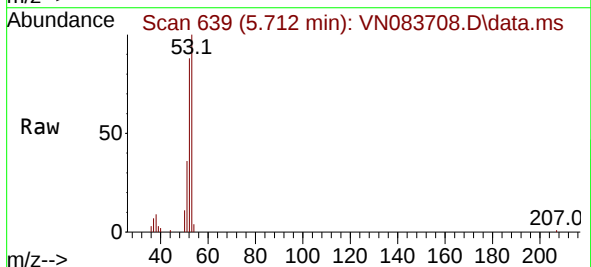
Manual Integrations
APPROVED

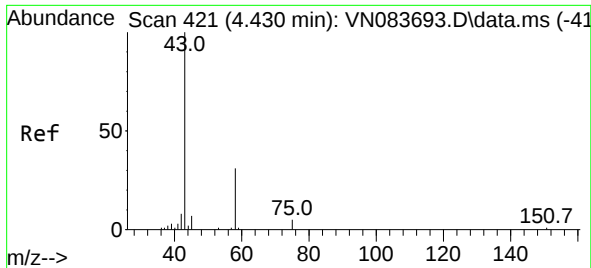
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#14
Acrylonitrile
Concen: 90.052 ug/l
RT: 5.712 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Tgt Ion: 53 Resp: 84766
Ion Ratio Lower Upper
53 100
52 86.7 41.3 123.9
51 37.0 16.8 50.3





#15

Acetone

Concen: 91.165 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN083708.D

Acq: 09 Sep 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 58 Resp: 2846

Ion Ratio Lower Upper

58 100

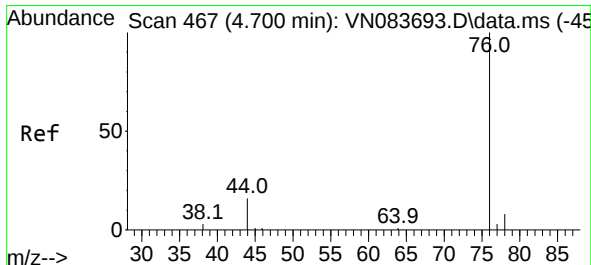
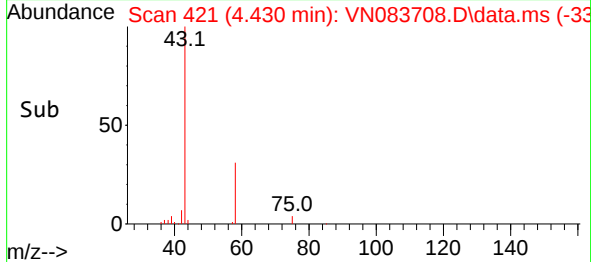
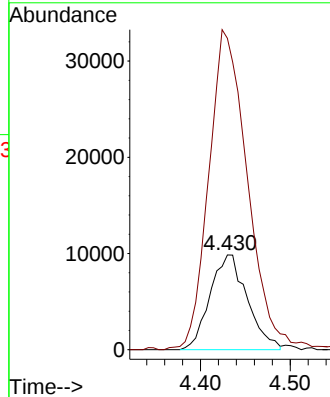
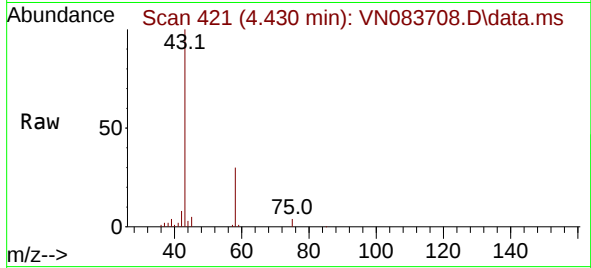
43 325.4 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#16

Carbon Disulfide

Concen: 16.528 ug/l

RT: 4.701 min Scan# 467

Delta R.T. 0.000 min

Lab File: VN083708.D

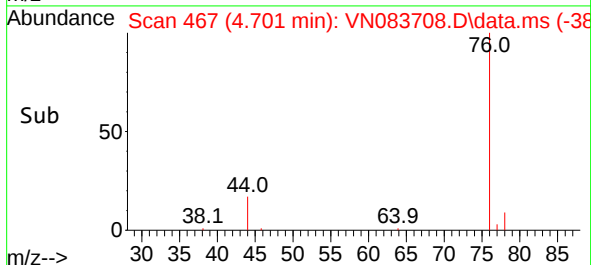
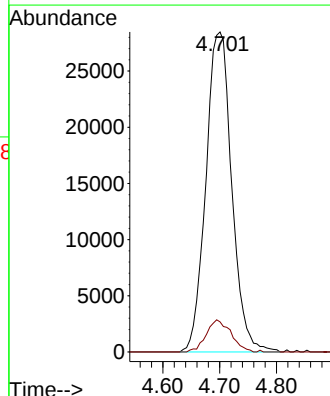
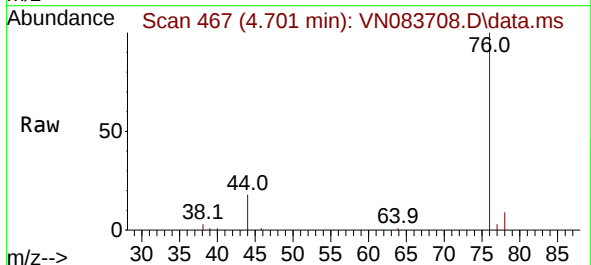
Acq: 09 Sep 2024 10:03

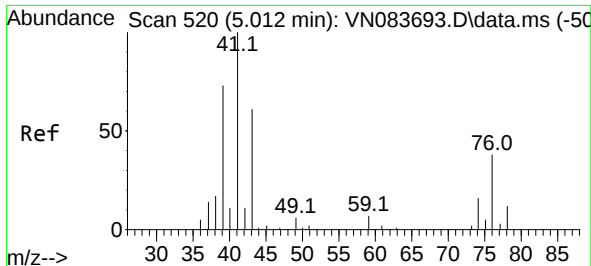
Tgt Ion: 76 Resp: 90091

Ion Ratio Lower Upper

76 100

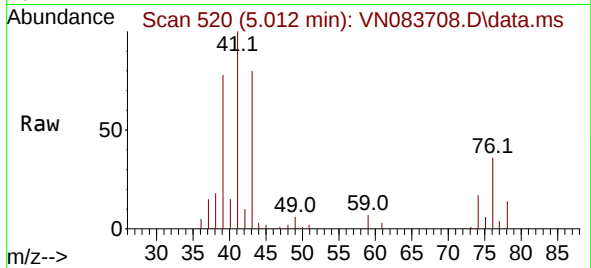
78 9.4 6.3 9.5





#17
Allyl chloride
Concen: 17.050 ug/l
RT: 5.012 min Scan# 512
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

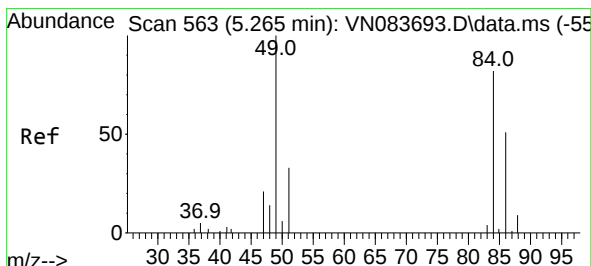
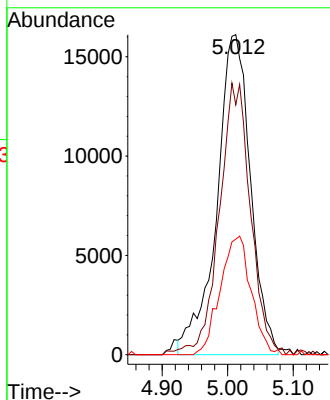
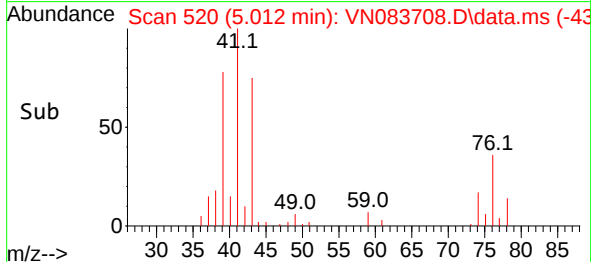
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 41 Resp: 5766
Ion Ratio Lower Upper
41 100
39 77.8 37.6 112.9
76 36.7 27.8 83.4

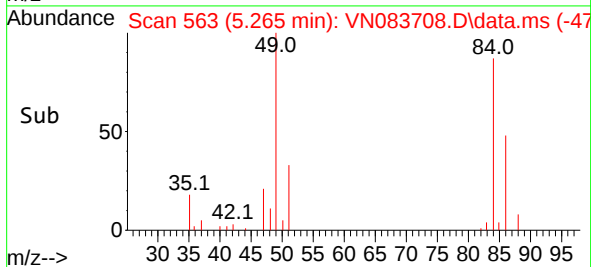
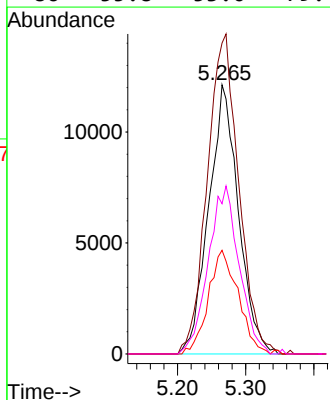
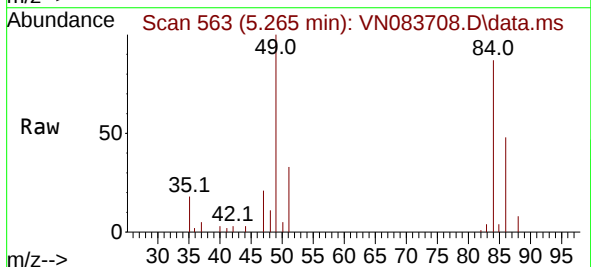
Manual Integrations
APPROVED

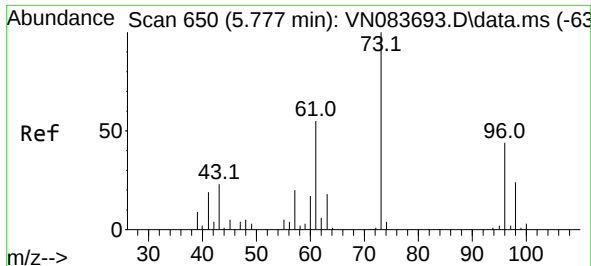
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#18
Methylene Chloride
Concen: 17.477 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

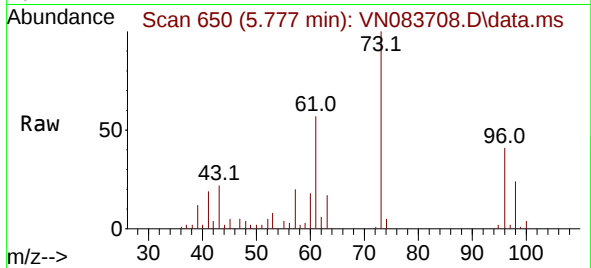
Tgt Ion: 84 Resp: 36879
Ion Ratio Lower Upper
84 100
49 115.5 86.0 129.0
51 38.5 30.0 45.0
86 55.8 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 17.352 ug/l
RT: 5.777 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

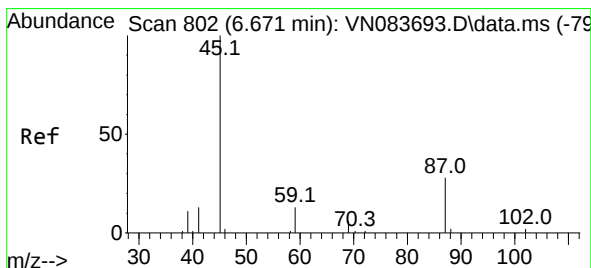
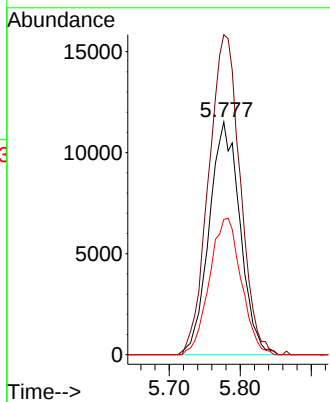
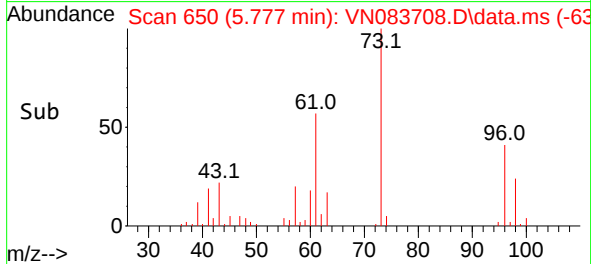
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



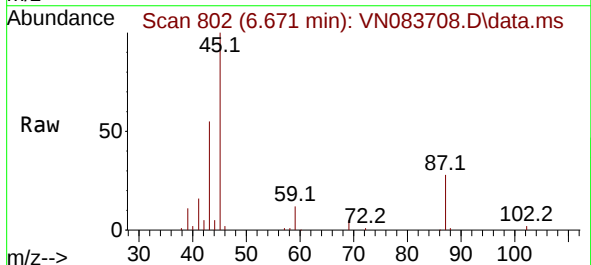
Tgt Ion: 96 Resp: 34680
Ion Ratio Lower Upper
96 100
61 137.5 111.8 167.6
98 58.1 49.2 73.8

Manual Integrations
APPROVED

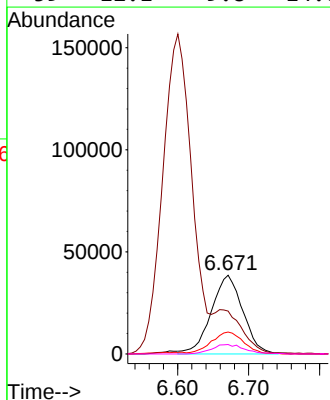
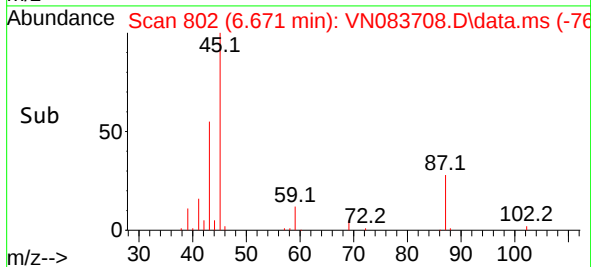
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

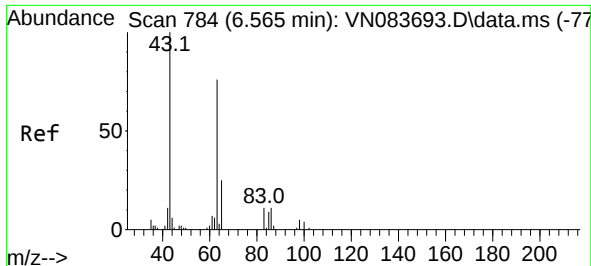


#20
Diisopropyl ether
Concen: 17.396 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion: 45 Resp: 118820
Ion Ratio Lower Upper
45 100
43 53.2 40.4 60.6
87 27.5 23.8 35.8
59 12.1 9.8 14.6





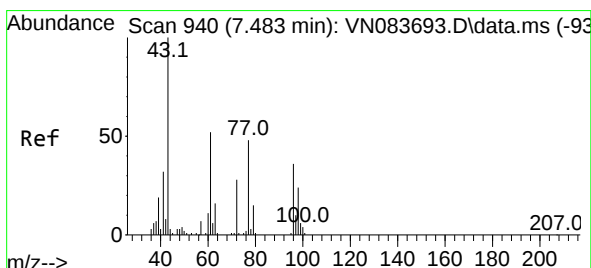
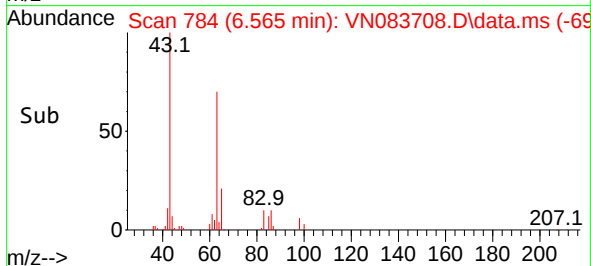
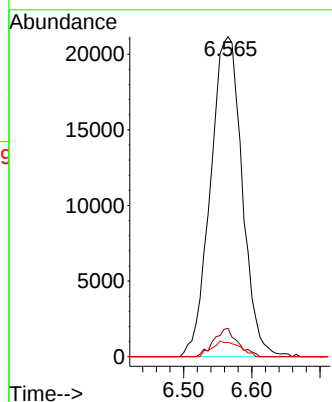
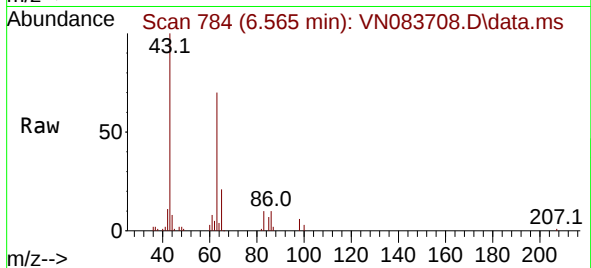
#21
1,1-Dichloroethane
Concen: 17.515 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 63 Resp: 6830
Ion Ratio Lower Upper
63 100
98 8.8 4.1 12.3
100 4.5 3.0 9.0

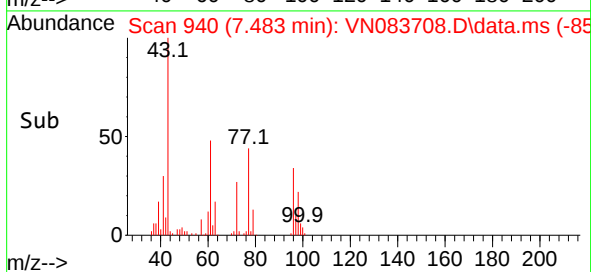
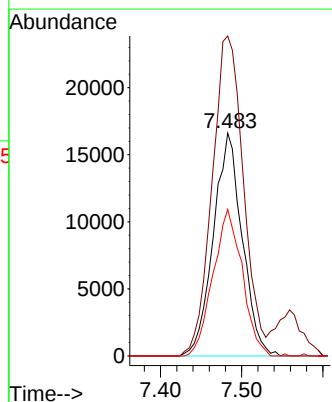
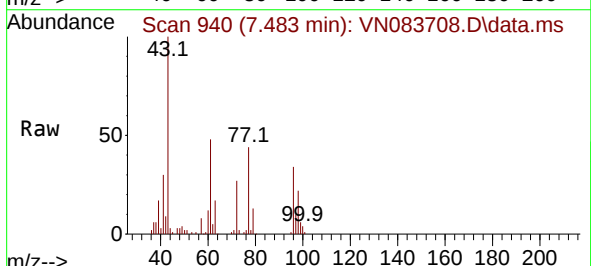
Manual Integrations
APPROVED

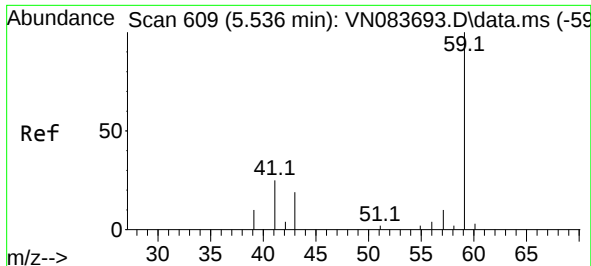
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#22
cis-1,2-Dichloroethene
Concen: 16.857 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

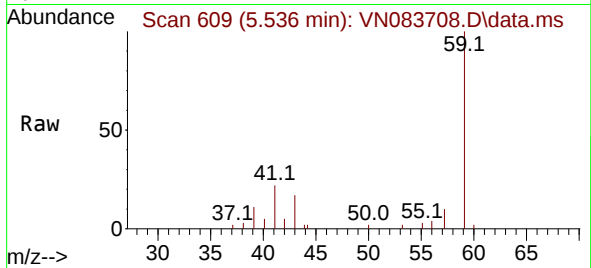
Tgt Ion: 96 Resp: 41012
Ion Ratio Lower Upper
96 100
61 155.7 113.5 170.3
98 66.6 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 101.764 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

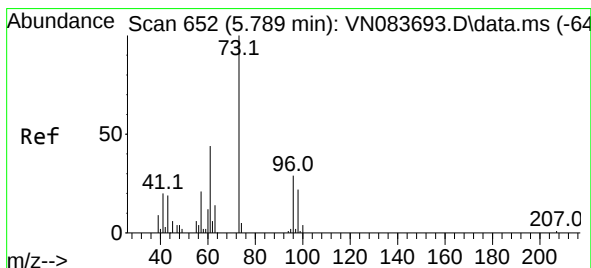
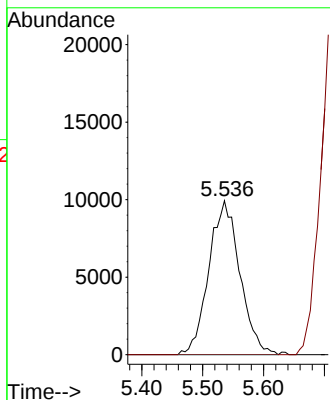
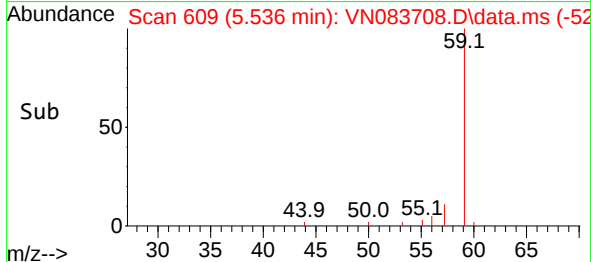
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



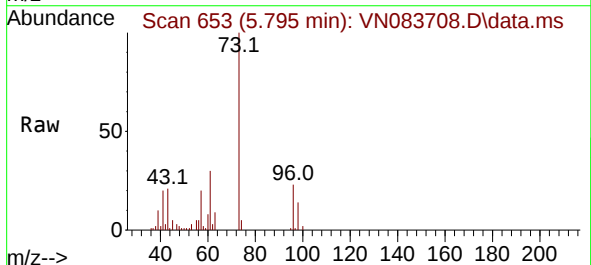
Tgt Ion: 59 Resp: 3515
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

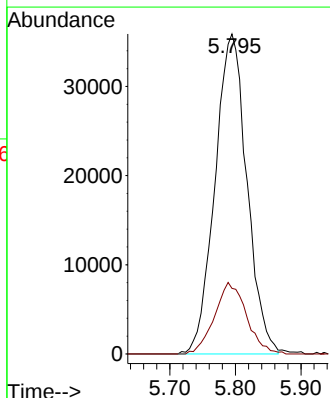
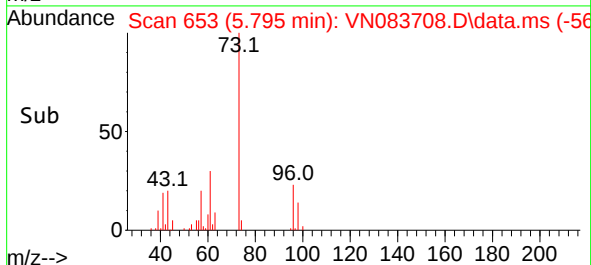
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

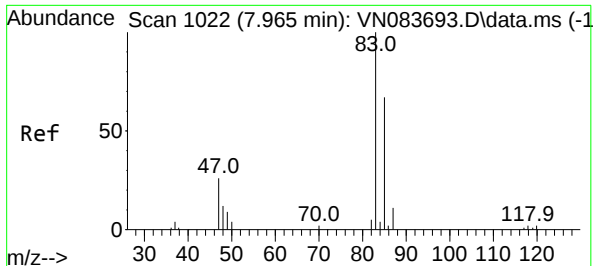


#24
Methyl tert-Butyl Ether
Concen: 17.699 ug/l
RT: 5.795 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion: 73 Resp: 121305
Ion Ratio Lower Upper
73 100
43 22.4 13.4 20.2#





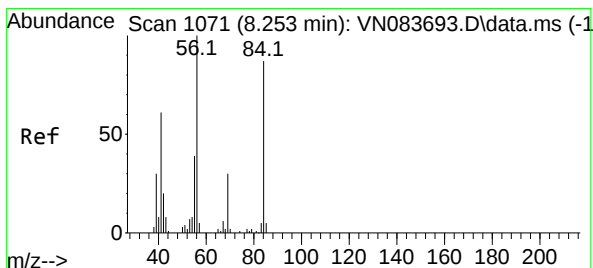
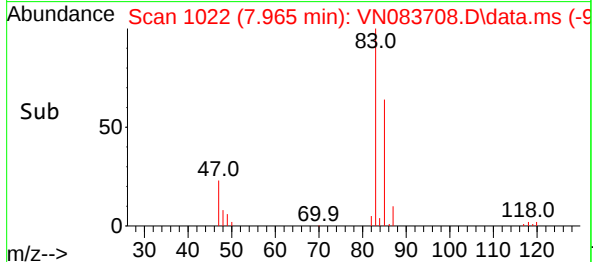
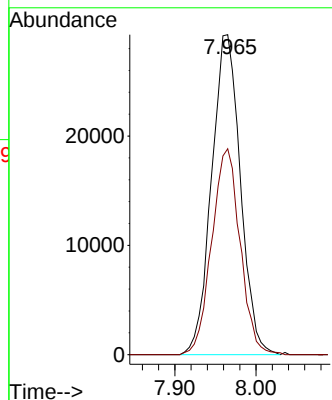
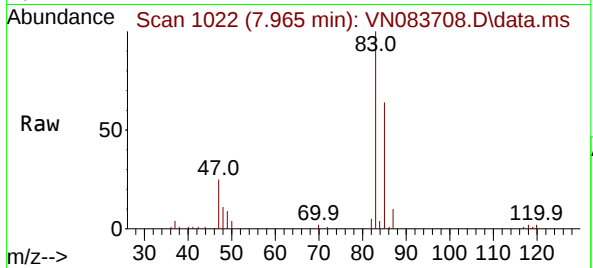
#25
Chloroform
Concen: 17.460 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 83 Resp: 72159
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3

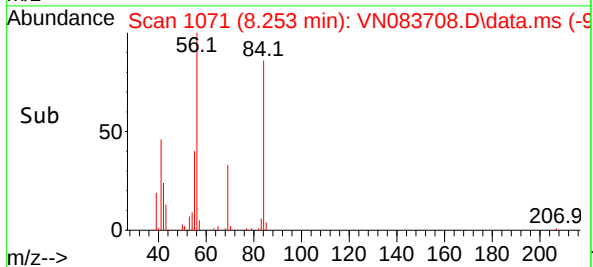
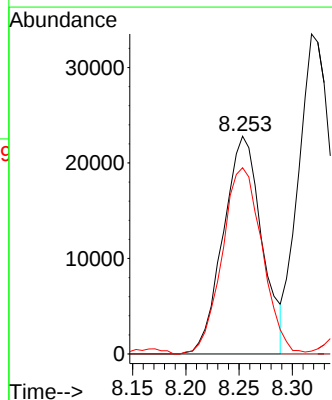
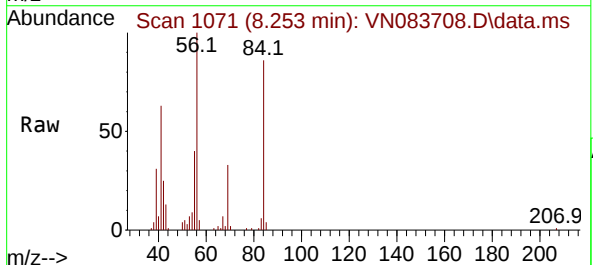
Manual Integrations
APPROVED

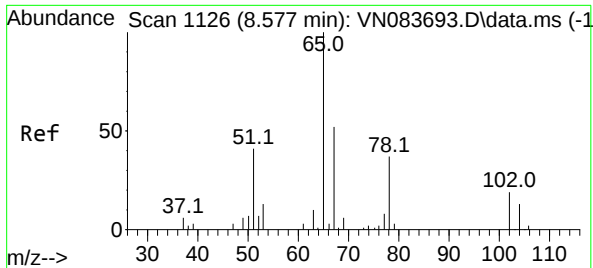
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#26
Cyclohexane
Concen: 16.775 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

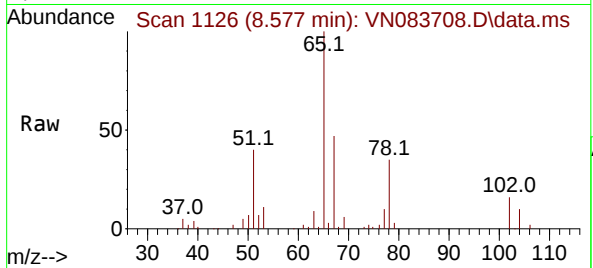
Tgt Ion: 56 Resp: 57616
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 88.6 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 29.635 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

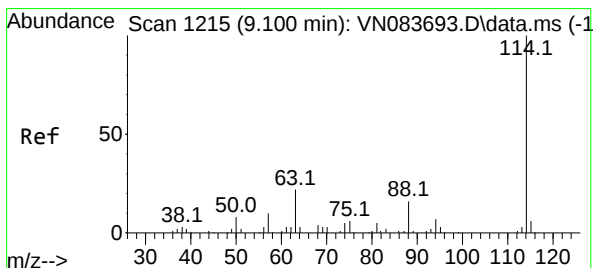
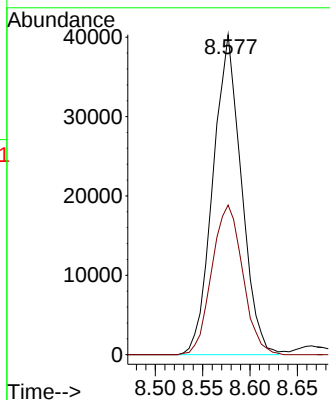
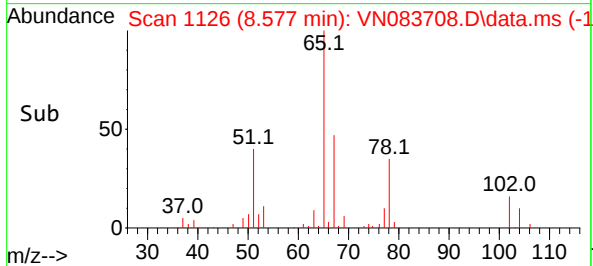
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



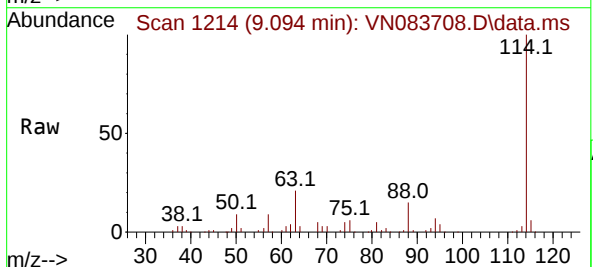
Tgt Ion: 65 Resp: 84062
Ion Ratio Lower Upper
65 100
67 50.8 43.2 64.8

Manual Integrations
APPROVED

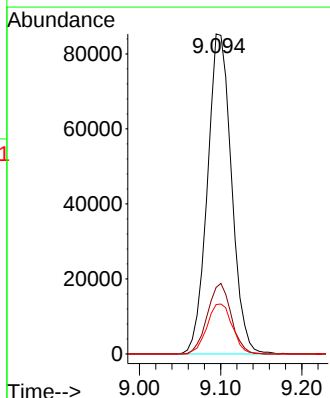
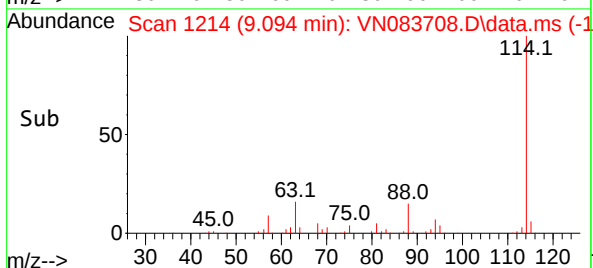
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



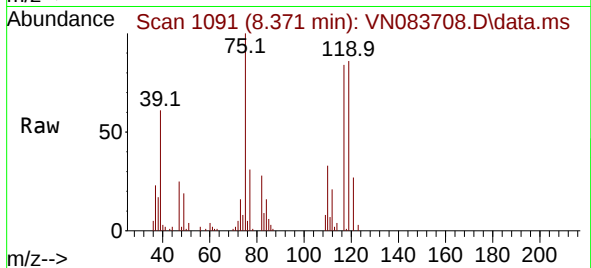
Tgt Ion:114 Resp: 176340
Ion Ratio Lower Upper
114 100
63 21.7 15.9 23.9
88 16.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 17.204 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

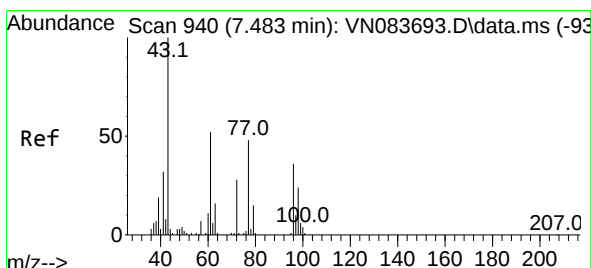
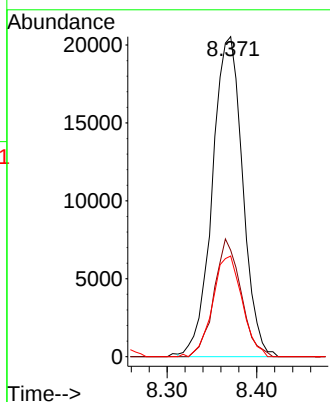
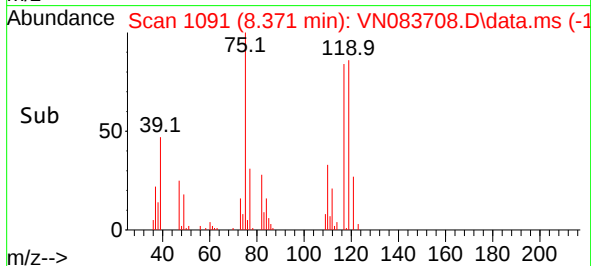
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 75 Resp: 48120
Ion Ratio Lower Upper
75 100
110 32.7 0.0 70.2
77 30.5 0.0 61.4

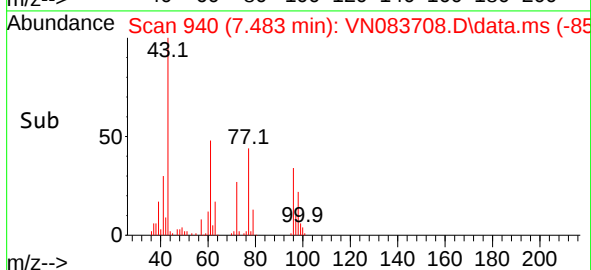
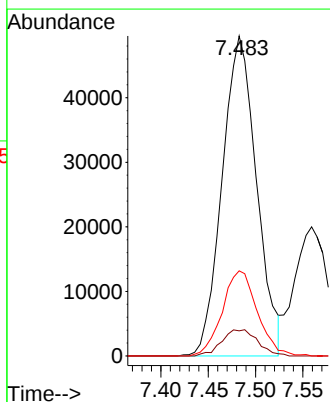
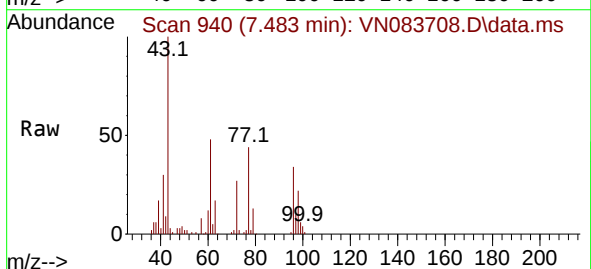
Manual Integrations
APPROVED

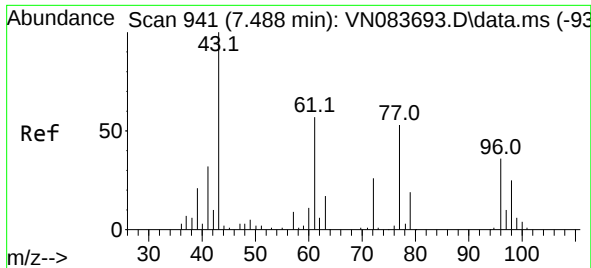
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#30
2-Butanone
Concen: 94.980 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Tgt Ion: 43 Resp: 125228
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 27.1 24.0 36.0





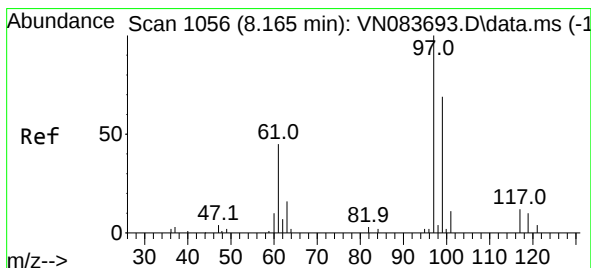
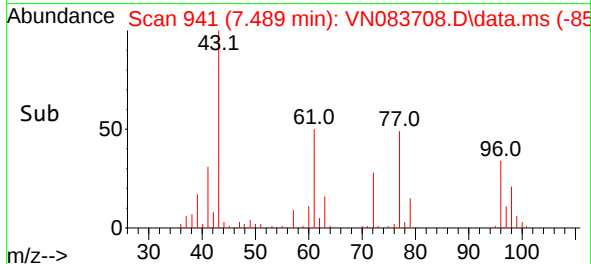
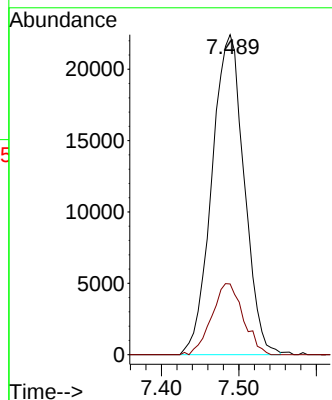
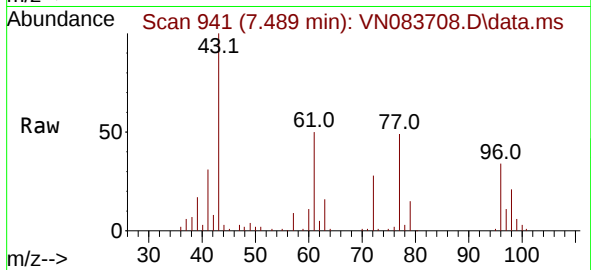
#31
2,2-Dichloropropane
Concen: 18.227 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 77 Resp: 6499
Ion Ratio Lower Upper
77 100
97 21.5 18.3 27.5

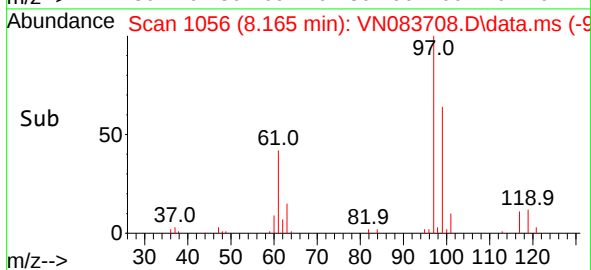
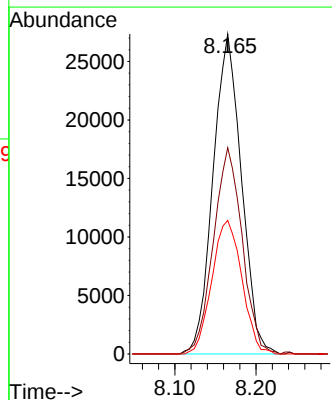
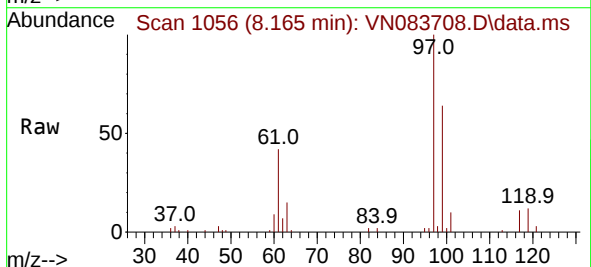
Manual Integrations
APPROVED

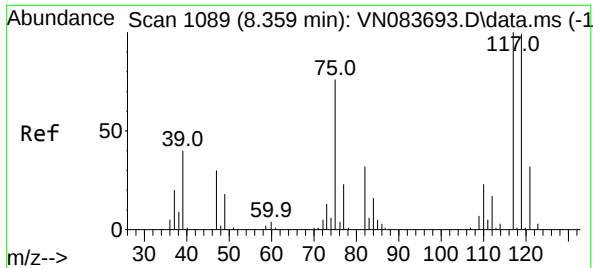
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#32
1,1,1-Trichloroethane
Concen: 17.775 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

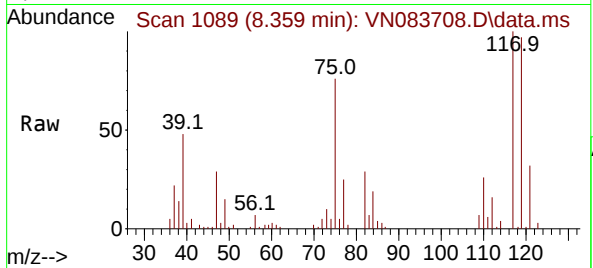
Tgt Ion: 97 Resp: 66397
Ion Ratio Lower Upper
97 100
99 65.4 51.0 76.4
61 44.0 33.8 50.8





#33
Carbon Tetrachloride
Concen: 17.937 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

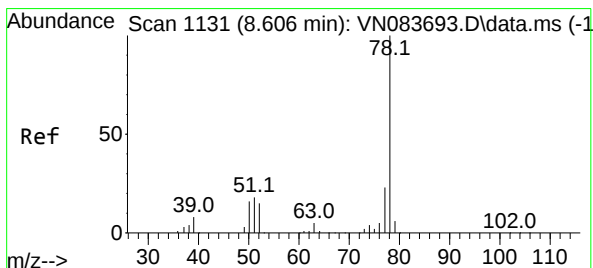
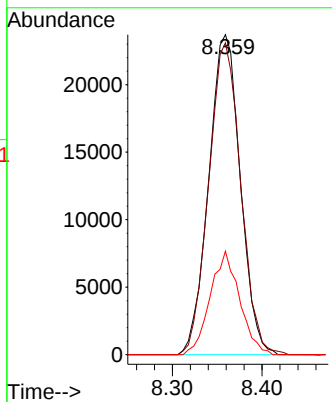
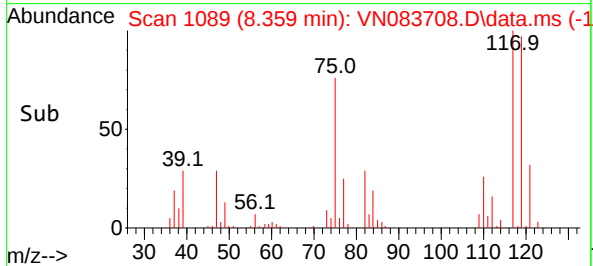
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



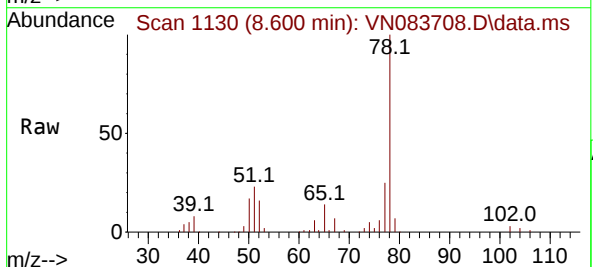
Tgt Ion:117 Resp: 5802
Ion Ratio Lower Upper
117 100
119 97.4 77.7 116.5
121 32.4 27.0 40.6

Manual Integrations
APPROVED

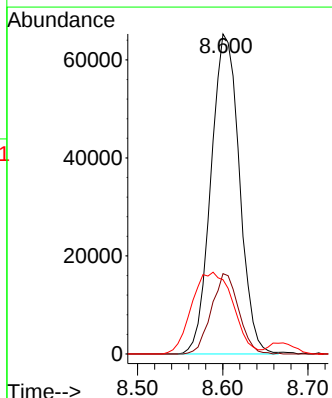
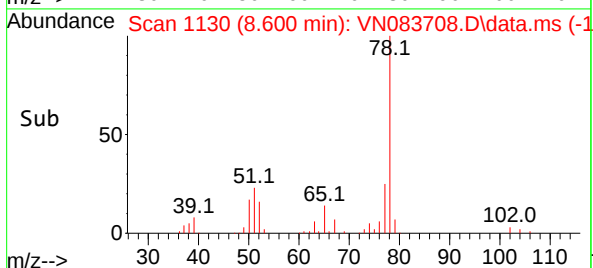
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

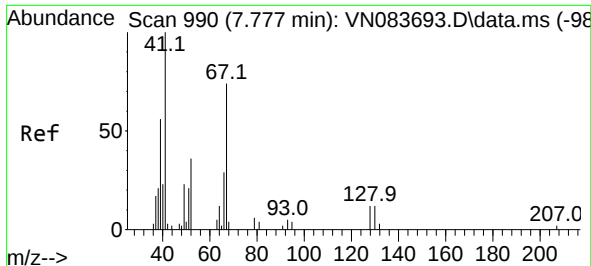


#34
Benzene
Concen: 18.012 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



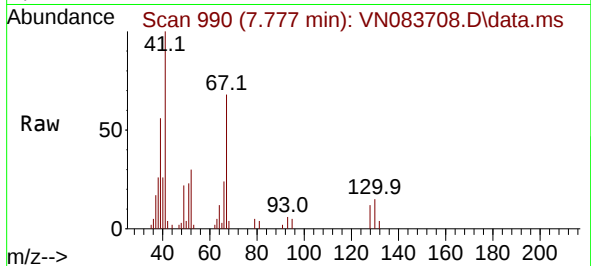
Tgt Ion: 78 Resp: 151159
Ion Ratio Lower Upper
78 100
77 25.1 19.2 28.8
51 20.0 13.3 19.9#





#35
Methacrylonitrile
Concen: 19.692 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

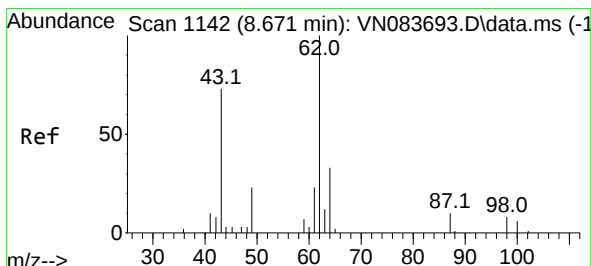
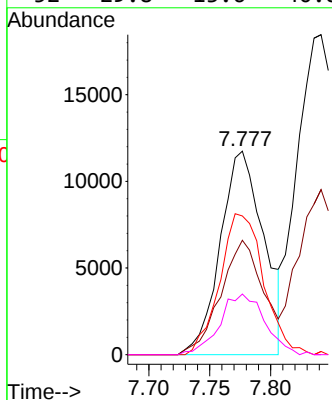
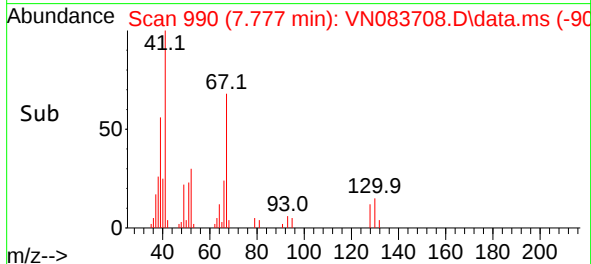
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 41 Resp: 2918
Ion Ratio Lower Upper
41 100
39 56.3 25.3 75.9
67 68.2 38.7 116.1
52 29.8 13.6 40.8

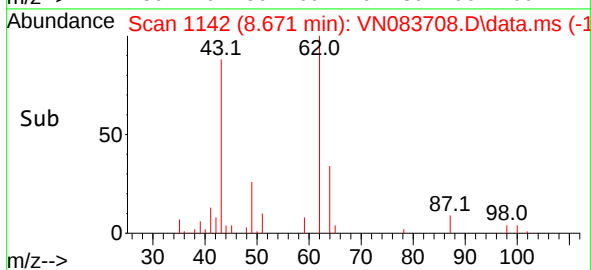
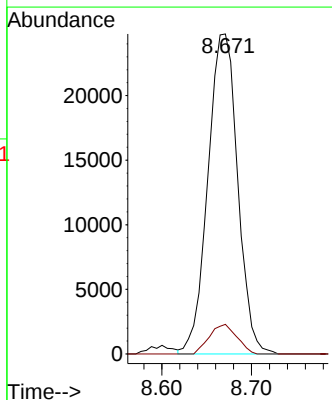
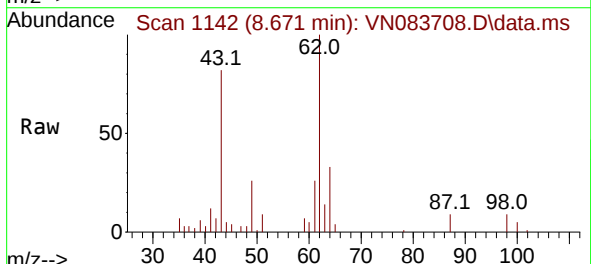
Manual Integrations
APPROVED

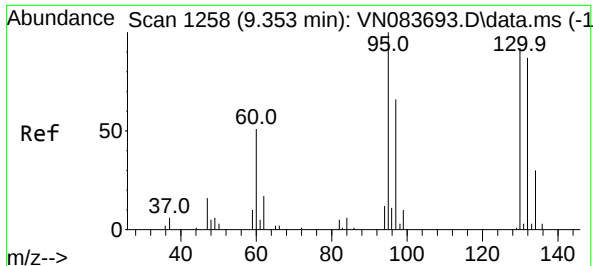
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#36
1,2-Dichloroethane
Concen: 18.100 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

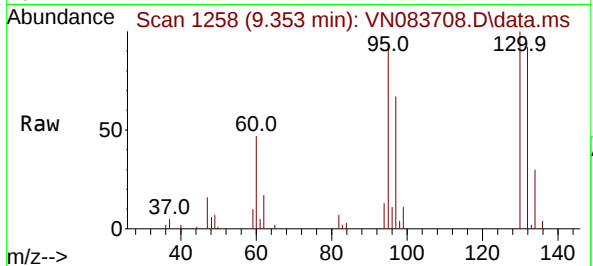
Tgt Ion: 62 Resp: 57105
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.4





#37
Trichloroethene
Concen: 17.789 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

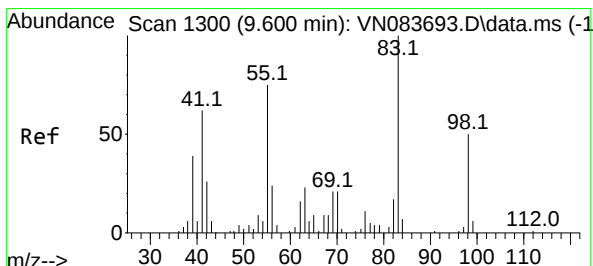
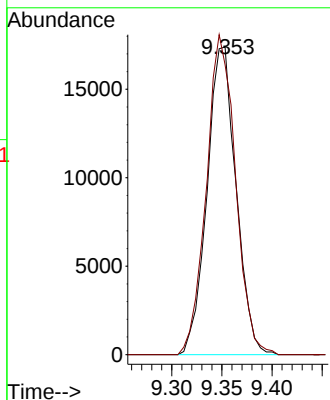
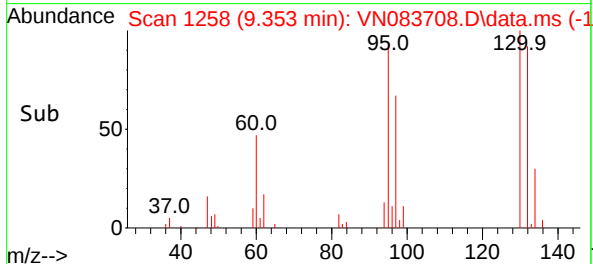
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



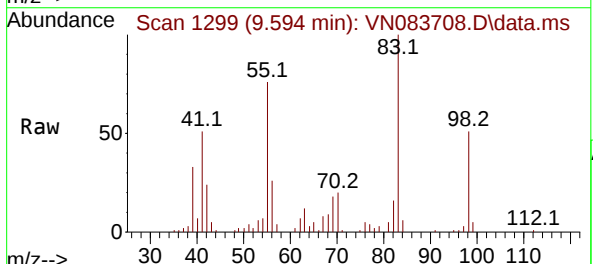
Tgt Ion:130 Resp: 3505
Ion Ratio Lower Upper
130 100
95 94.2 80.2 120.4

Manual Integrations
APPROVED

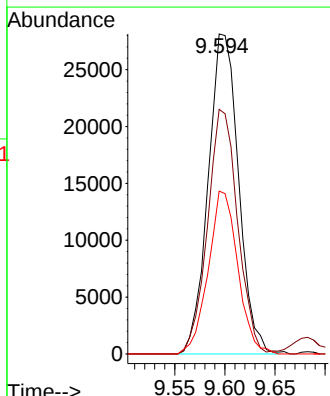
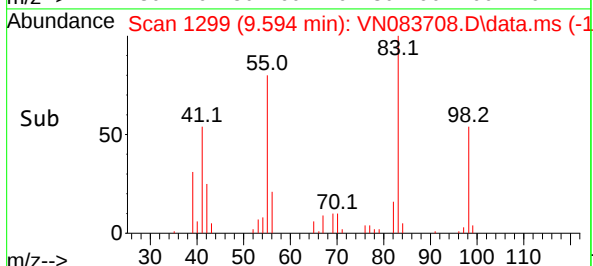
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

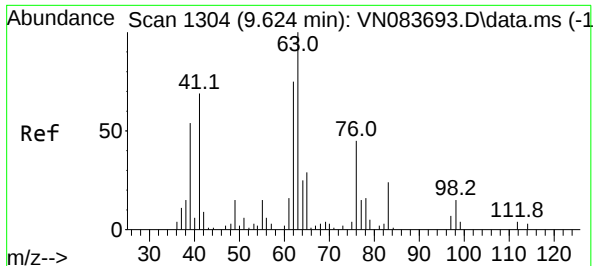


#38
Methylcyclohexane
Concen: 17.705 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion: 83 Resp: 59286
Ion Ratio Lower Upper
83 100
55 75.7 36.6 109.9
98 49.5 23.8 71.5





#39

1,2-Dichloropropane

Concen: 17.978 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083708.D

Acq: 09 Sep 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

Tgt Ion: 63 Resp: 3631

Ion Ratio Lower Upper

63 100

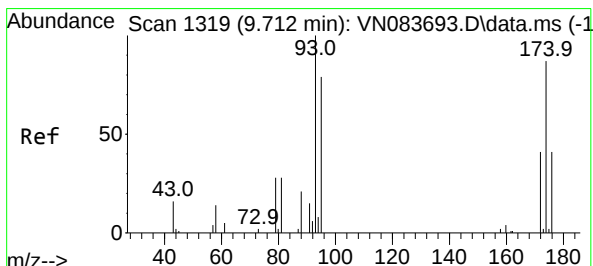
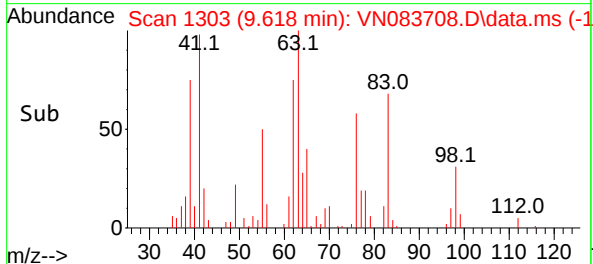
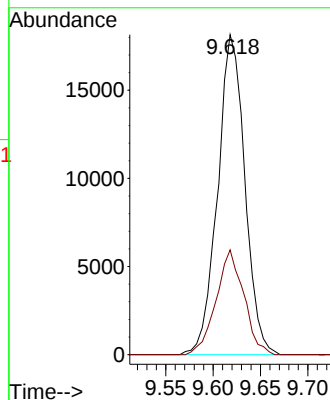
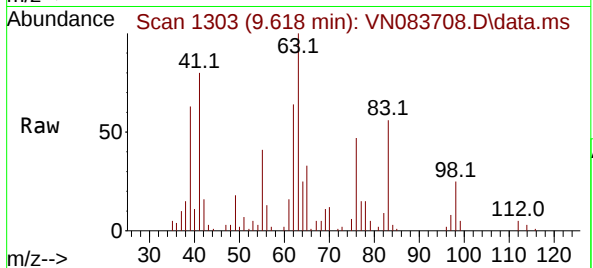
65 32.8 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#40

Dibromomethane

Concen: 18.018 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083708.D

Acq: 09 Sep 2024 10:03

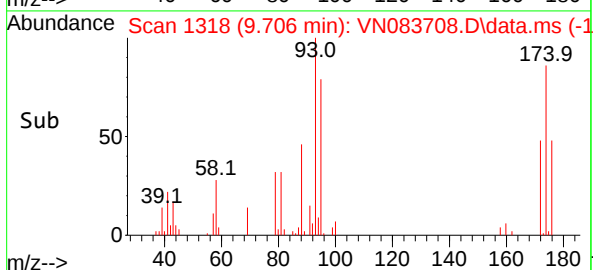
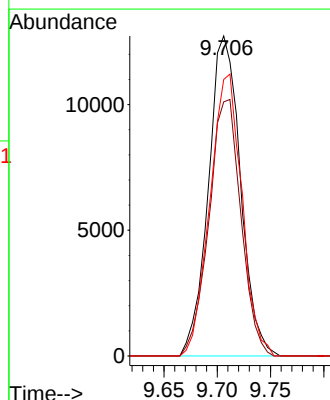
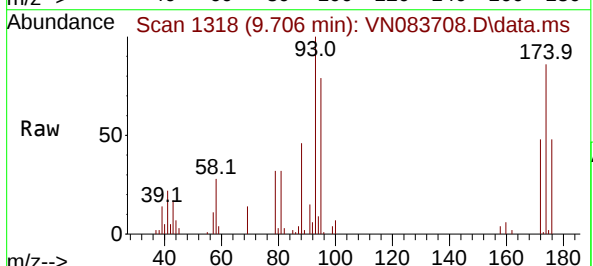
Tgt Ion: 93 Resp: 26610

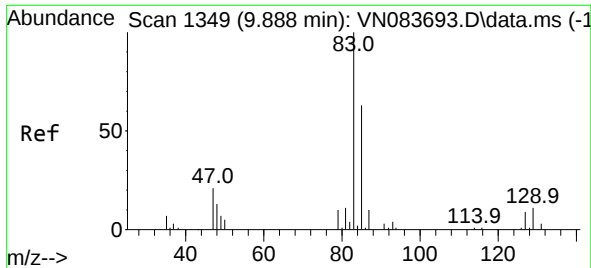
Ion Ratio Lower Upper

93 100

95 80.1 0.0 164.6

174 87.7 0.0 193.2





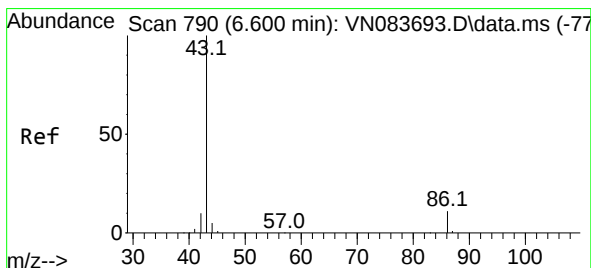
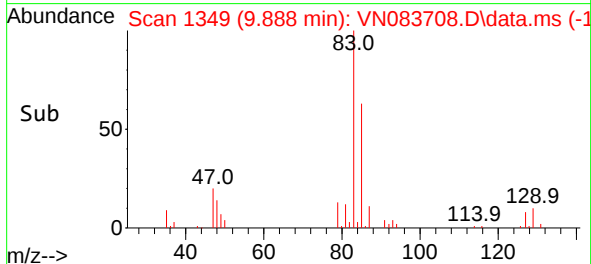
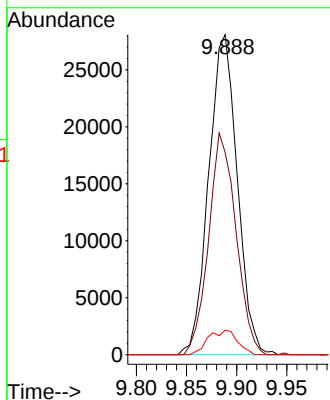
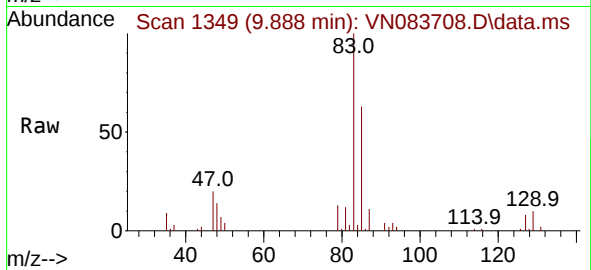
#41
Bromodichloromethane
Concen: 17.723 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 83 Resp: 5566
Ion Ratio Lower Upper
83 100
85 63.3 49.4 74.2
127 7.7 7.3 10.9

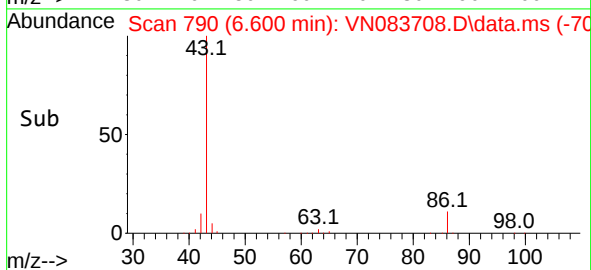
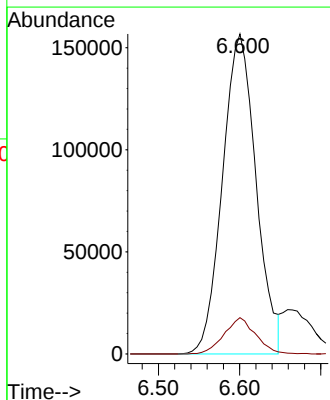
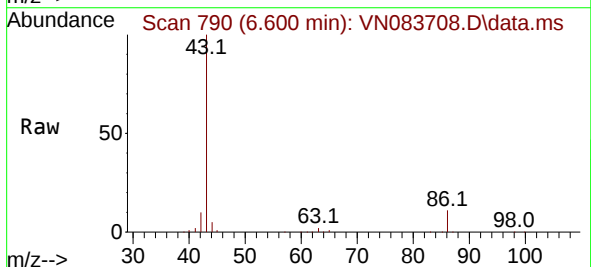
Manual Integrations
APPROVED

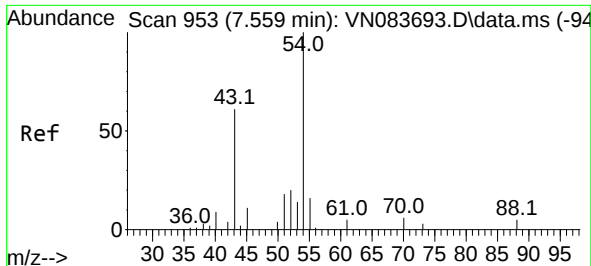
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#42
Vinyl Acetate
Concen: 83.137 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

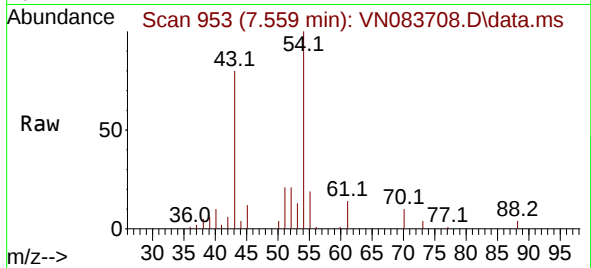
Tgt Ion: 43 Resp: 450676
Ion Ratio Lower Upper
43 100
86 10.6 9.4 14.2





#43
Ethyl Acetate
Concen: 18.379 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

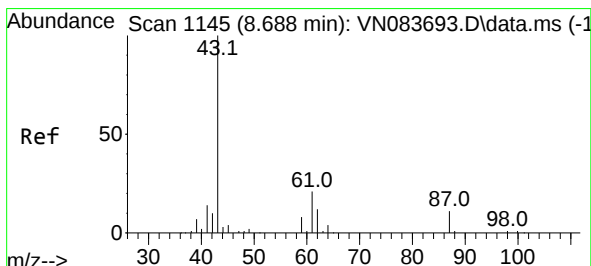
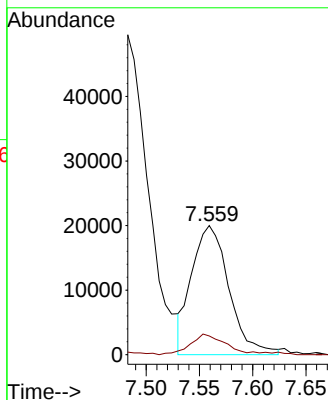
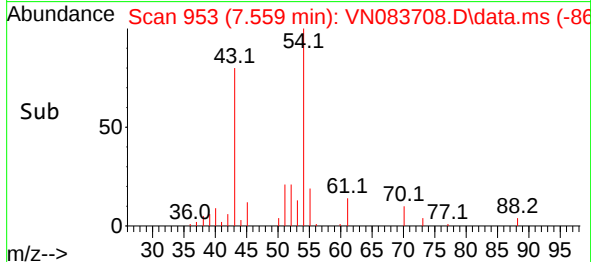
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 43 Resp: 48775
Ion Ratio Lower Upper
43 100
45 14.4 10.6 15.8

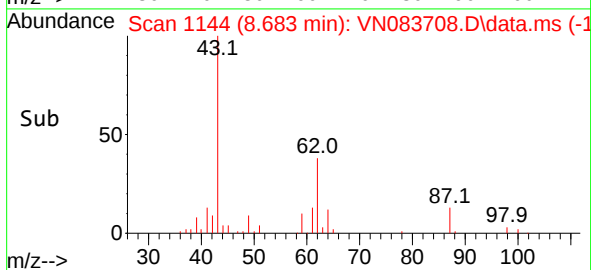
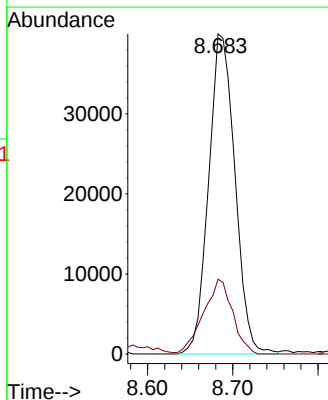
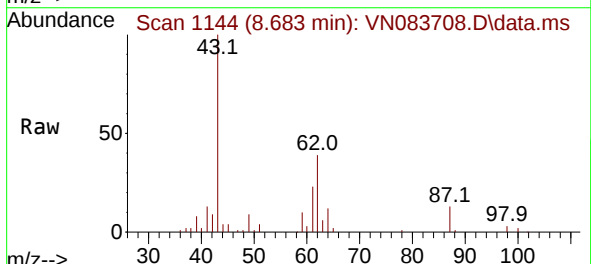
Manual Integrations
APPROVED

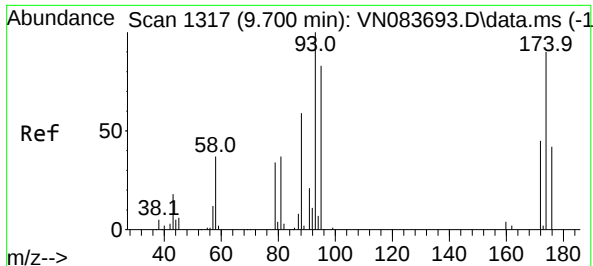
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#44
Isopropyl Acetate
Concen: 18.730 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

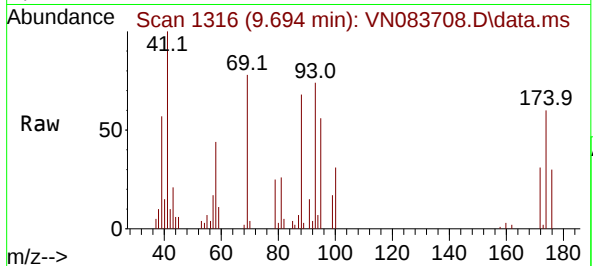
Tgt Ion: 43 Resp: 85971
Ion Ratio Lower Upper
43 100
61 25.7 25.0 37.4





#45
1,4-Dioxane
Concen: 420.192 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

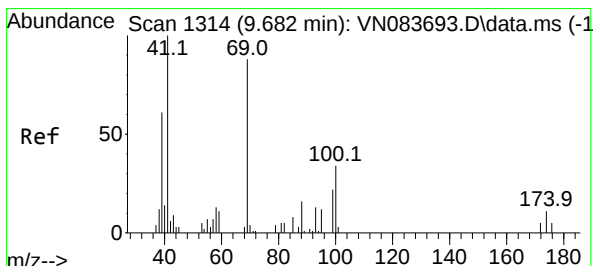
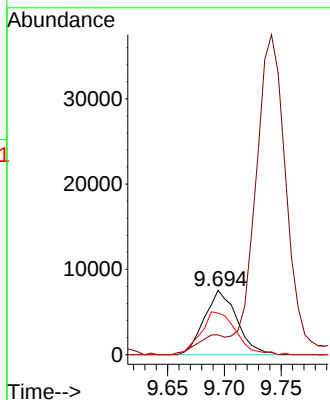
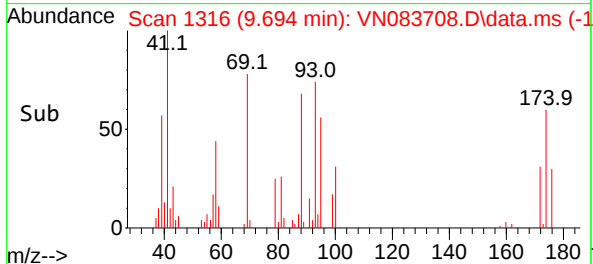
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



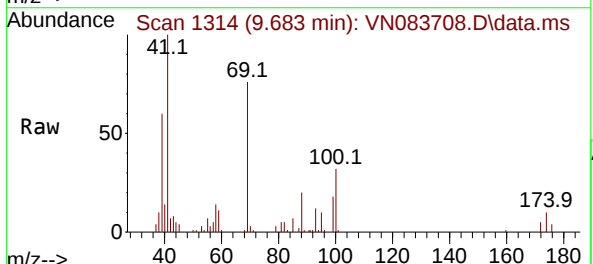
Tgt Ion: 88 Resp: 1504
Ion Ratio Lower Upper
88 100
43 26.6 19.8 29.6
58 70.1 55.4 83.0

Manual Integrations
APPROVED

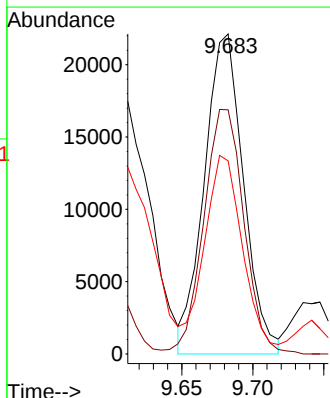
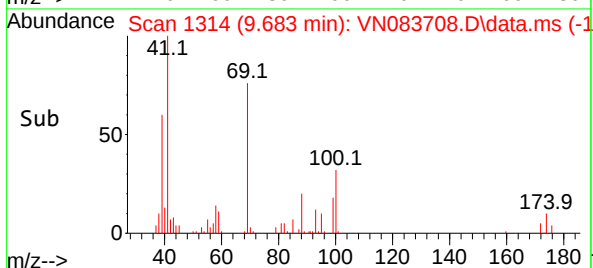
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

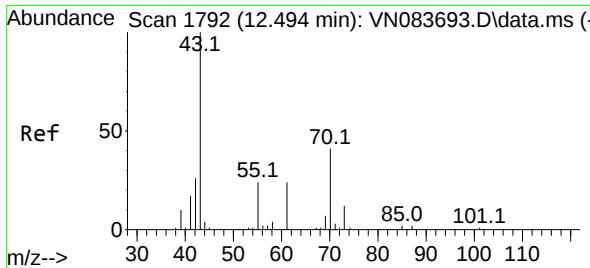


#46
Methyl methacrylate
Concen: 19.109 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion: 41 Resp: 42453
Ion Ratio Lower Upper
41 100
69 78.5 51.1 153.3
39 60.2 25.8 77.3





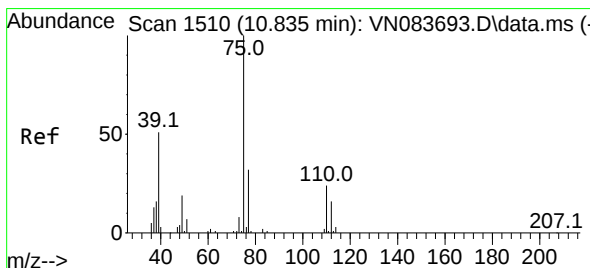
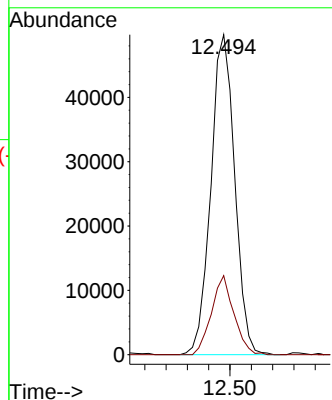
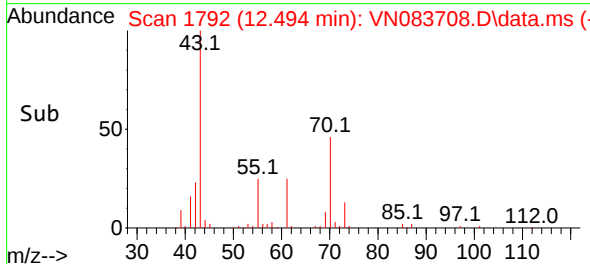
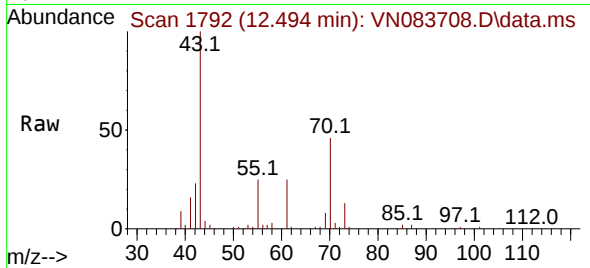
#47
n-amyl acetate
Concen: 19.035 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 43 Resp: 77395
Ion Ratio Lower Upper
43 100
55 23.2 23.4 35.2

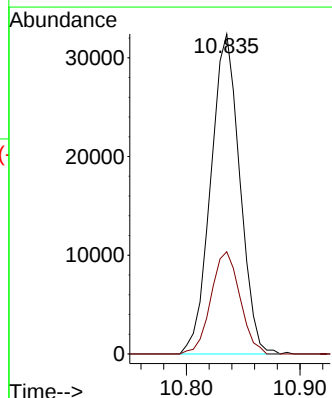
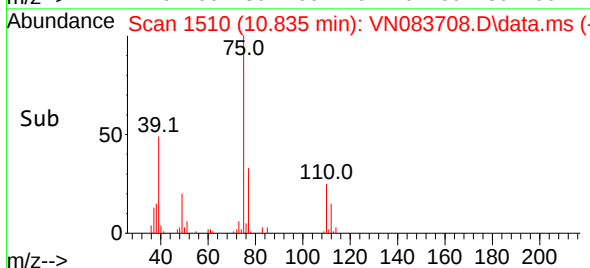
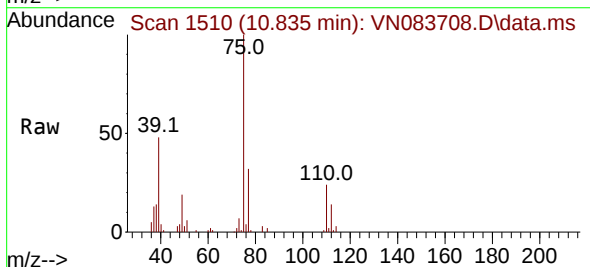
Manual Integrations
APPROVED

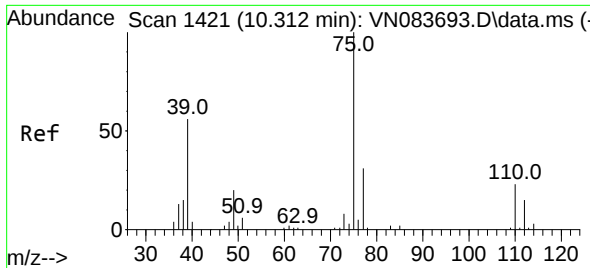
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#48
t-1,3-Dichloropropene
Concen: 17.428 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

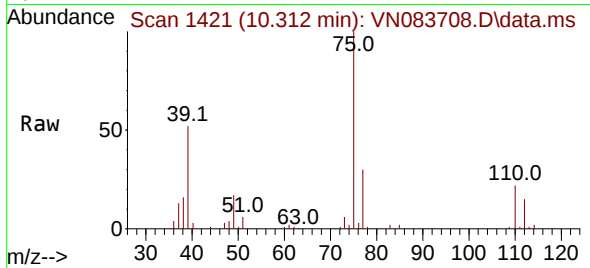
Tgt Ion: 75 Resp: 57570
Ion Ratio Lower Upper
75 100
77 32.0 23.8 35.6





#49
 cis-1,3-Dichloropropene
 Concen: 18.011 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN083708.D
 Acq: 09 Sep 2024 10:03

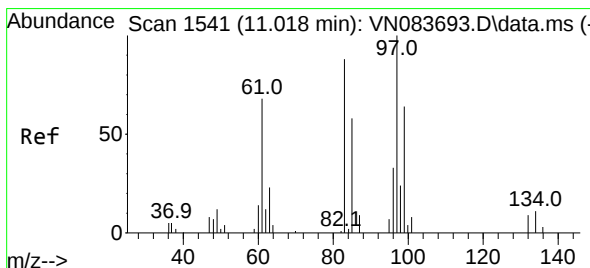
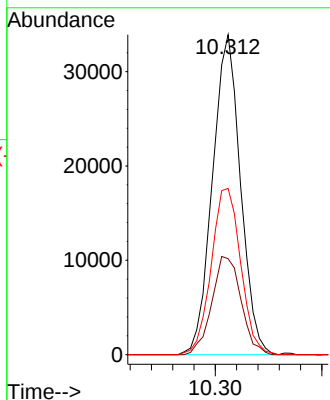
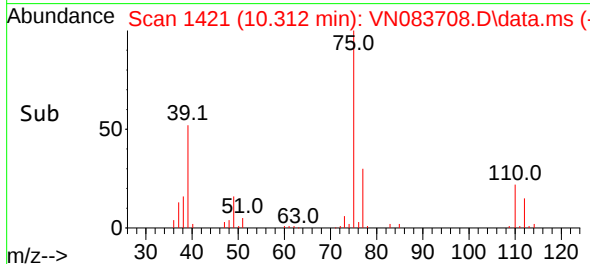
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



Tgt Ion: 75 Resp: 61875
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.9 37.3
 39 51.9 31.0 46.6

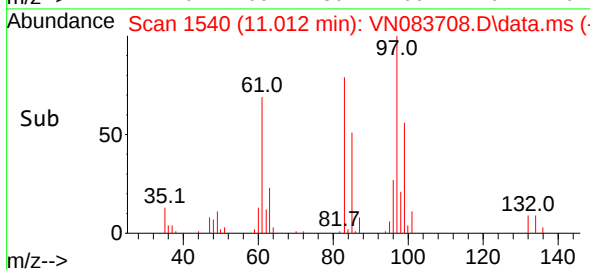
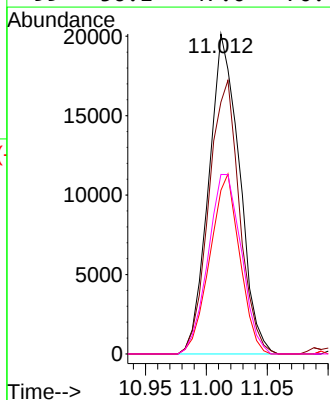
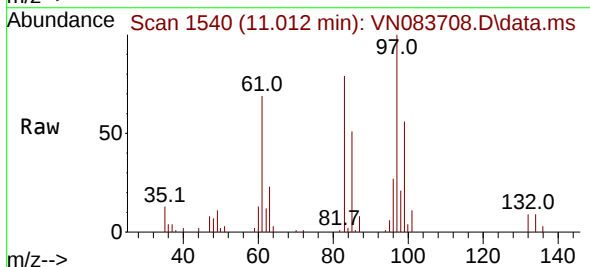
Manual Integrations
 APPROVED

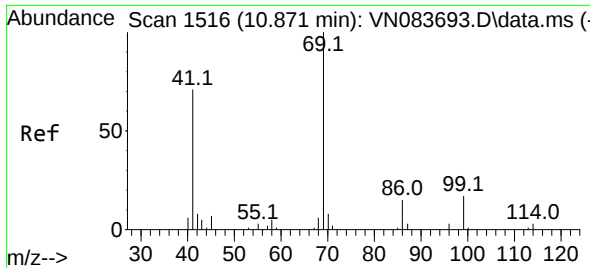
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024



#50
 1,1,2-Trichloroethane
 Concen: 18.793 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN083708.D
 Acq: 09 Sep 2024 10:03

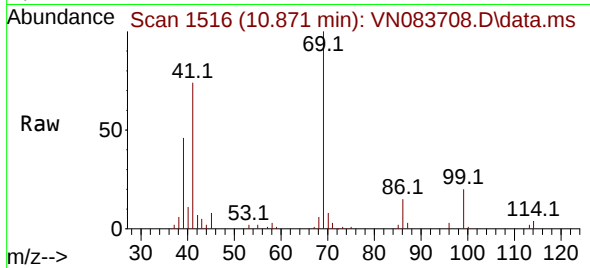
Tgt Ion: 97 Resp: 35316
 Ion Ratio Lower Upper
 97 100
 83 78.7 68.1 102.1
 85 51.2 41.8 62.6
 99 56.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.117 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

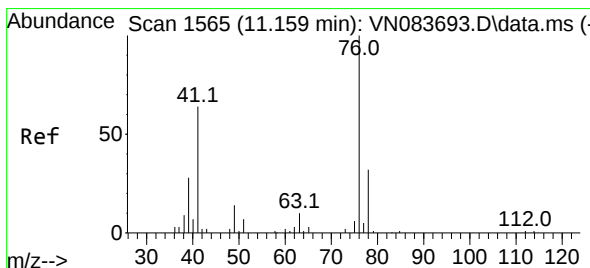
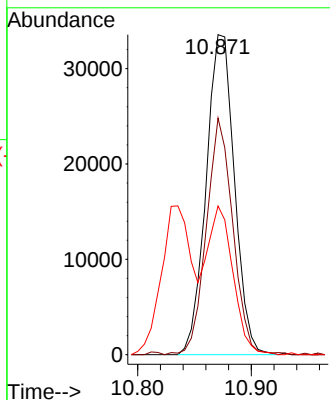
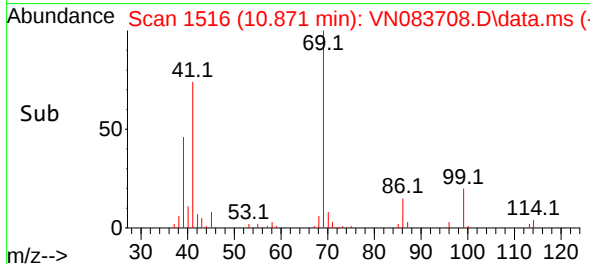
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



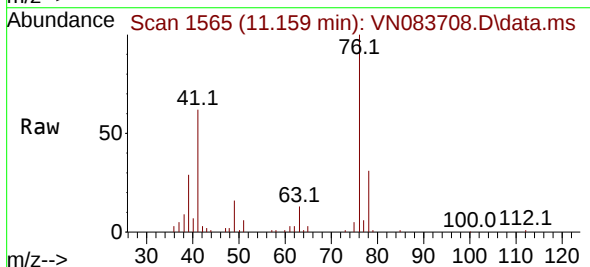
Tgt Ion: 69 Resp: 5816
Ion Ratio Lower Upper
69 100
41 73.5 25.5 76.5
39 46.4 16.0 47.9

Manual Integrations
APPROVED

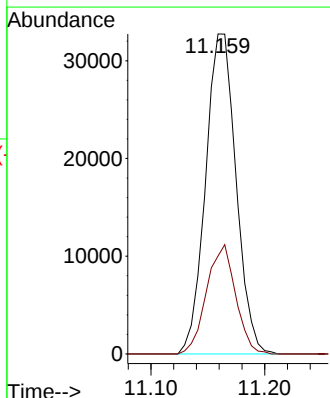
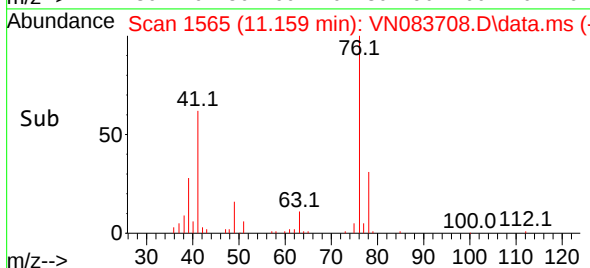
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

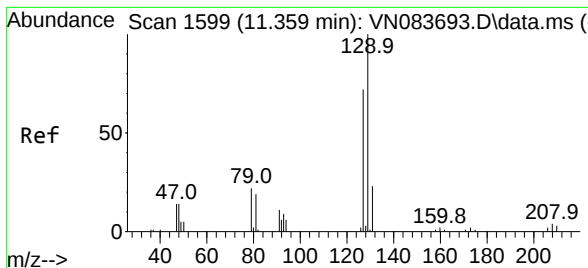


#52
1,3-Dichloropropane
Concen: 17.994 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



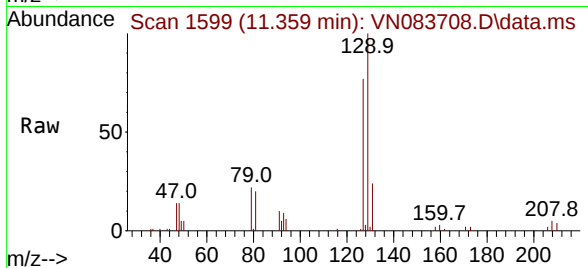
Tgt Ion: 76 Resp: 61067
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.8





#53
Dibromochloromethane
Concen: 18.153 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

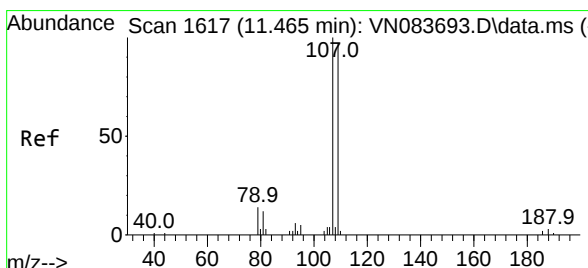
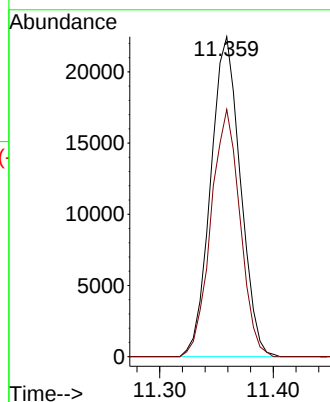
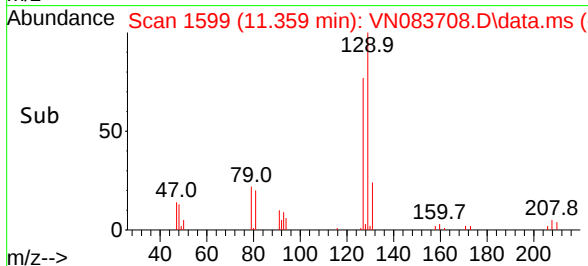
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



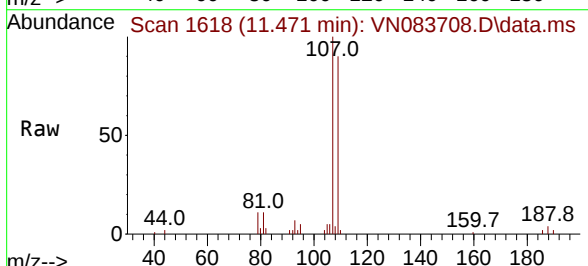
Tgt Ion:129 Resp: 40918
Ion Ratio Lower Upper
129 100
127 75.5 39.4 118.1

Manual Integrations
APPROVED

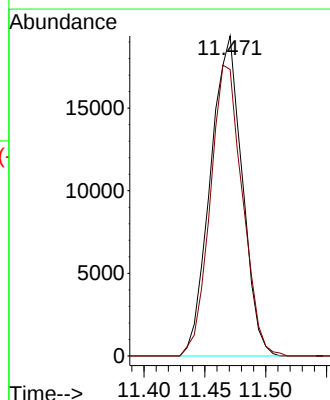
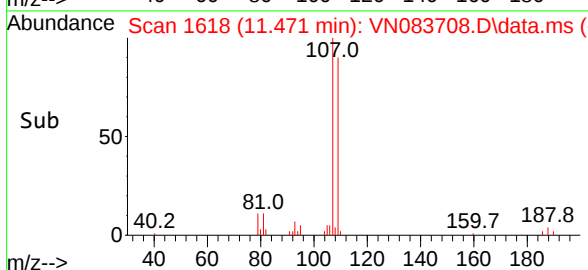
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

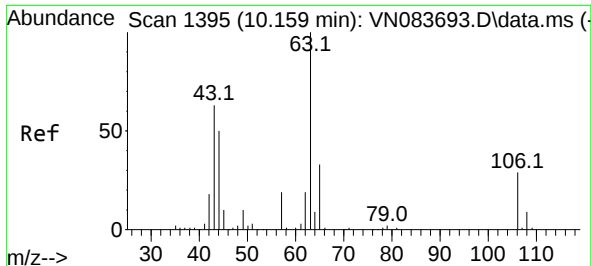


#54
1,2-Dibromoethane
Concen: 18.113 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



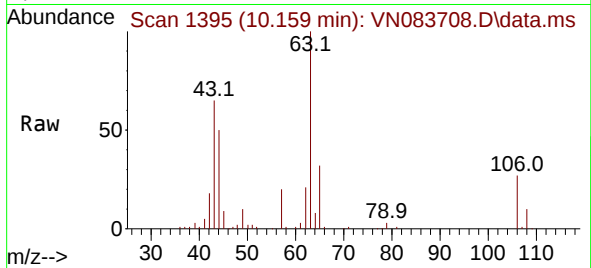
Tgt Ion:107 Resp: 35213
Ion Ratio Lower Upper
107 100
109 92.0 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 85.564 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

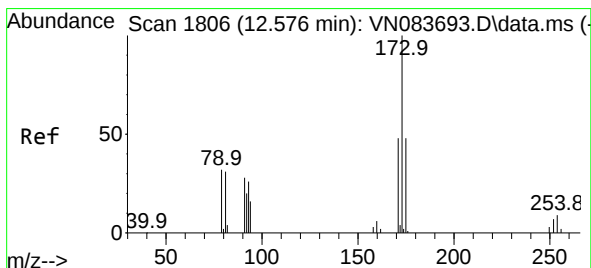
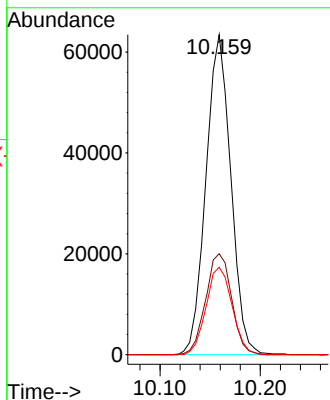
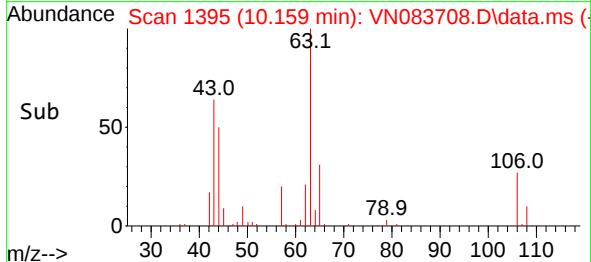
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 63 Resp: 109480
Ion Ratio Lower Upper
63 100
65 32.8 26.2 39.2
106 28.4 23.8 35.8

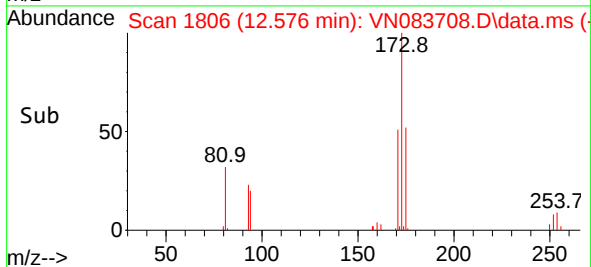
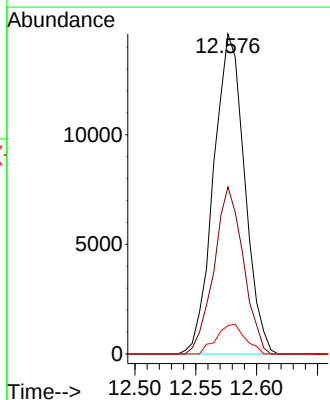
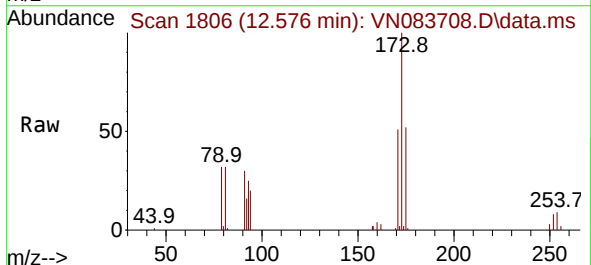
Manual Integrations
APPROVED

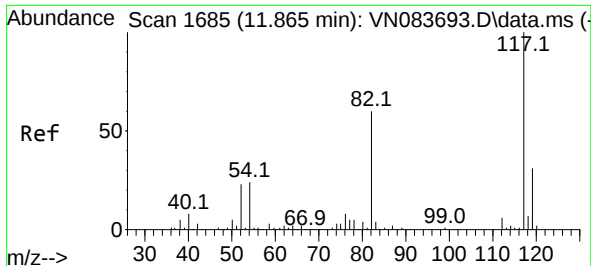
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#56
Bromoform
Concen: 18.061 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

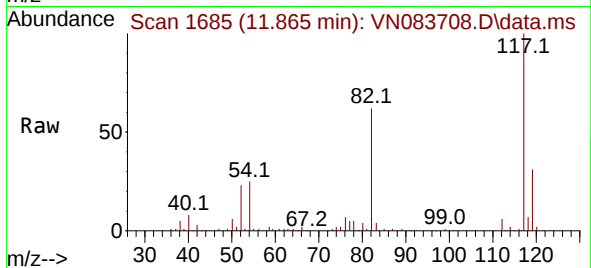
Tgt Ion:173 Resp: 25863
Ion Ratio Lower Upper
173 100
175 49.4 40.0 60.0
254 8.7 8.3 12.5





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

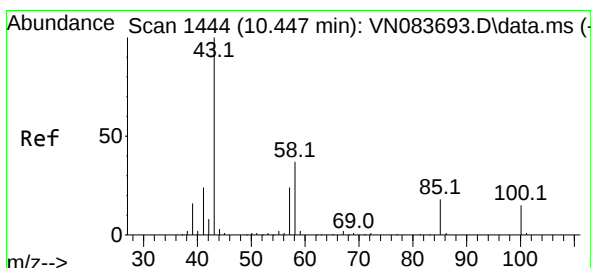
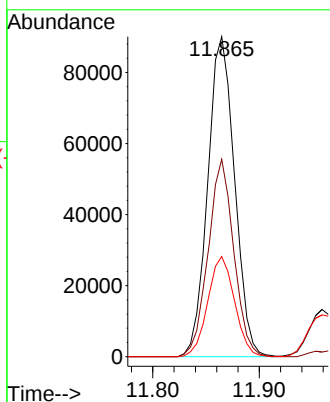
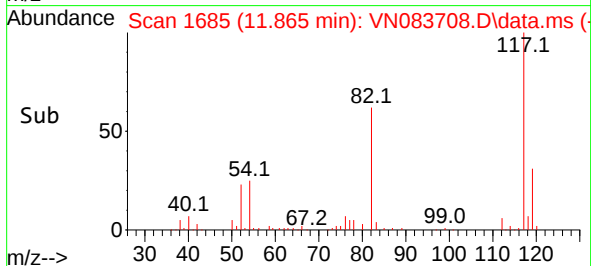
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



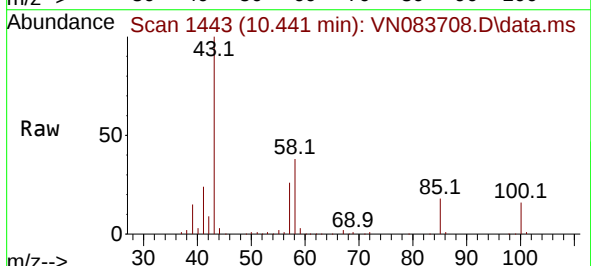
Tgt Ion: 117 Resp: 15786
Ion Ratio Lower Upper
117 100
82 58.9 46.6 69.8
119 31.2 25.4 38.2

Manual Integrations
APPROVED

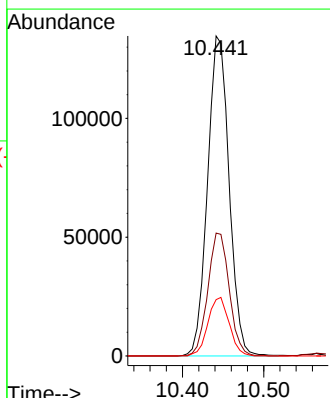
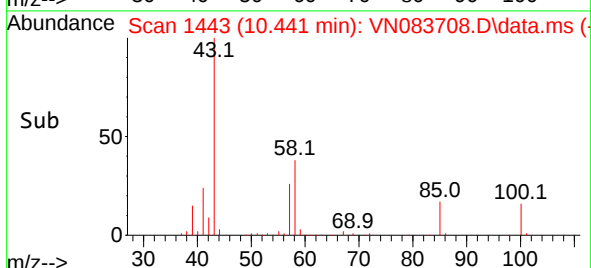
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

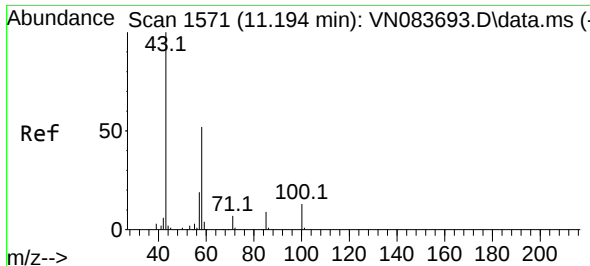


#58
4-Methyl-2-Pentanone
Concen: 99.295 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



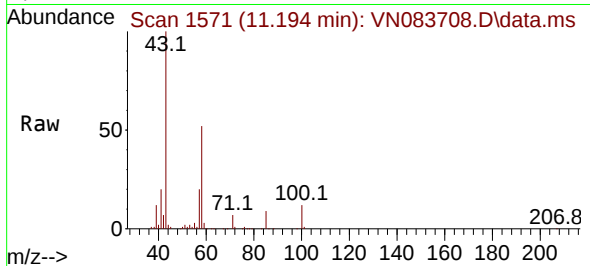
Tgt Ion: 43 Resp: 248553
Ion Ratio Lower Upper
43 100
58 38.2 36.5 54.7
85 18.0 19.5 29.3#





#59
2-Hexanone
Concen: 100.397 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

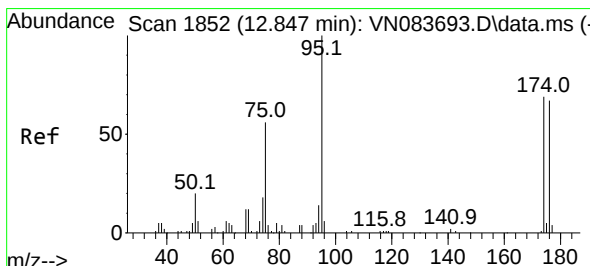
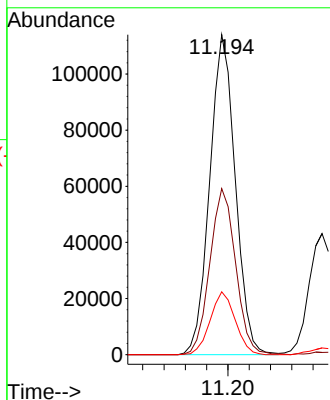
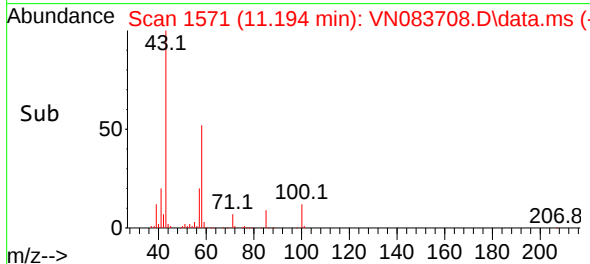
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 43 Resp: 18989
Ion Ratio Lower Upper
43 100
58 52.3 50.4 75.6
57 19.3 18.6 27.8

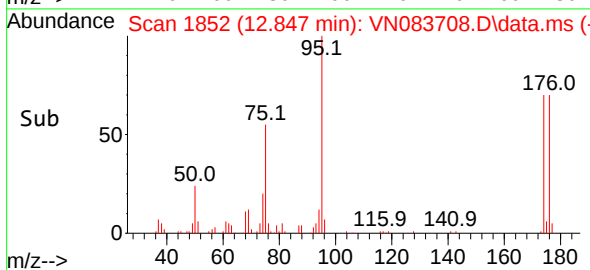
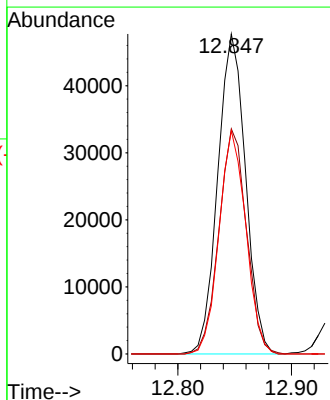
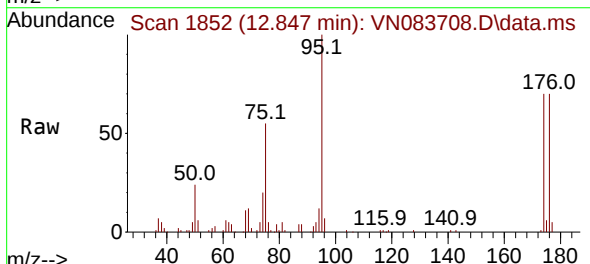
Manual Integrations
APPROVED

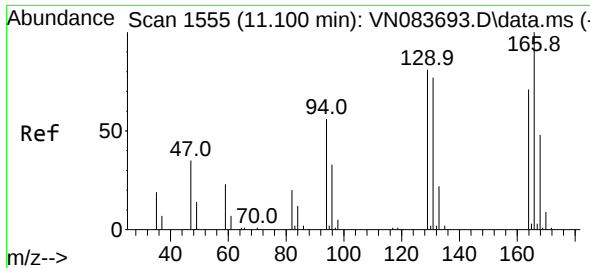
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#60
4-Bromofluorobenzene
Concen: 29.823 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

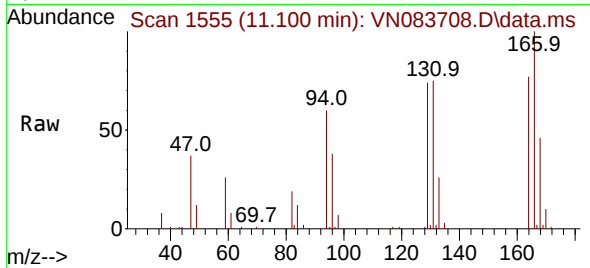
Tgt Ion: 95 Resp: 81142
Ion Ratio Lower Upper
95 100
174 69.7 60.5 90.7
176 67.4 57.8 86.6





#61
Tetrachloroethene
Concen: 17.282 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

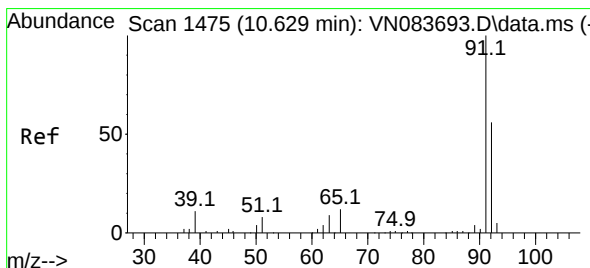
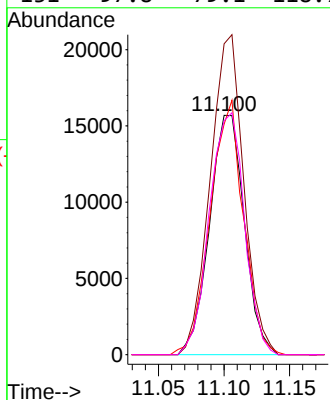
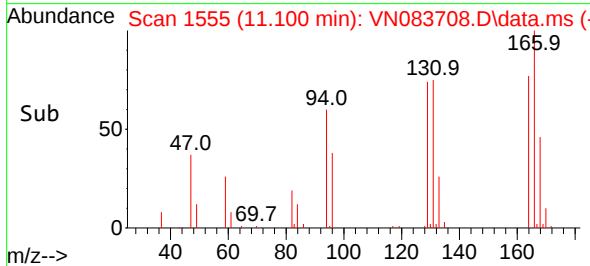
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



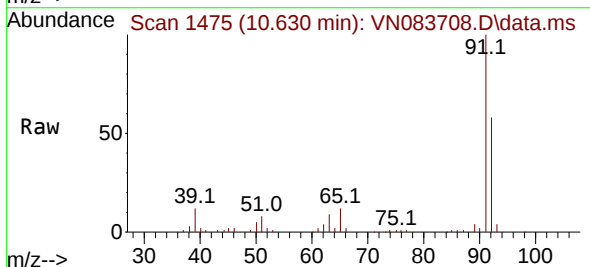
Tgt Ion:164 Resp: 28874
Ion Ratio Lower Upper
164 100
166 129.9 106.7 160.1
129 95.4 85.8 128.6
131 97.8 79.1 118.7

Manual Integrations
APPROVED

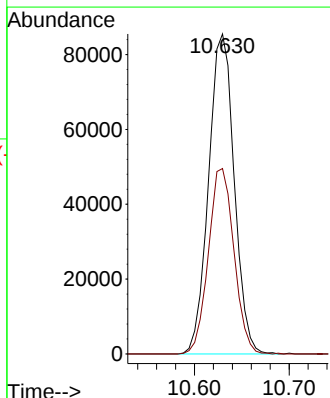
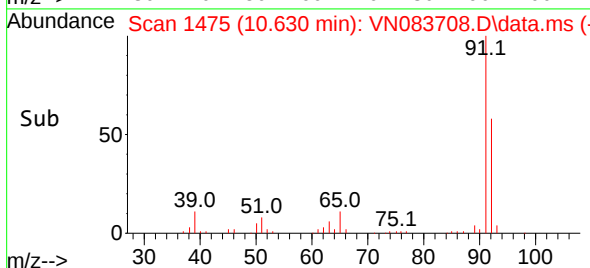
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

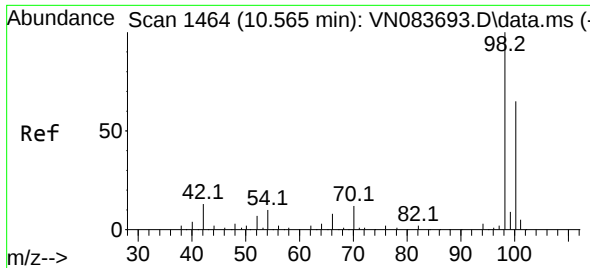


#62
Toluene
Concen: 17.713 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



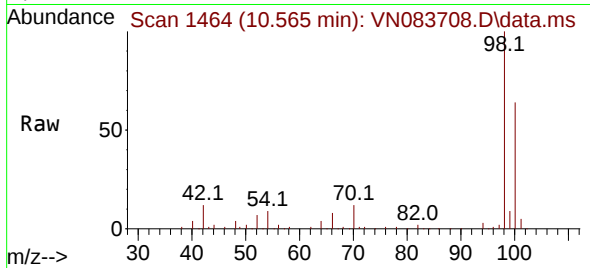
Tgt Ion: 91 Resp: 160730
Ion Ratio Lower Upper
91 100
92 57.9 46.5 69.7





#63
Toluene-d8
Concen: 30.093 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

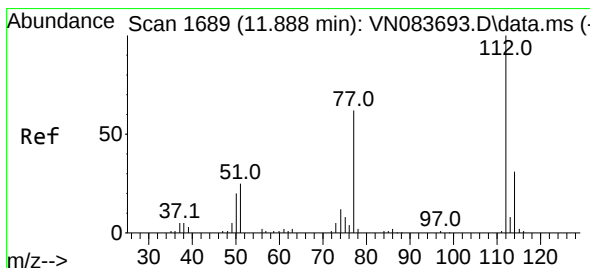
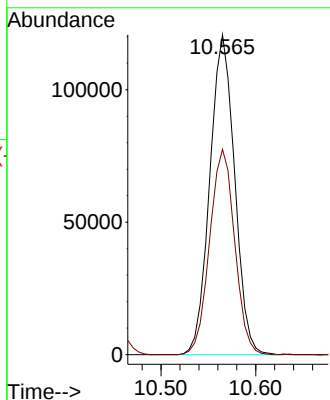
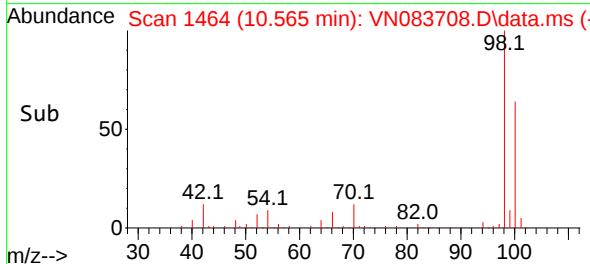
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 98 Resp: 219979
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1

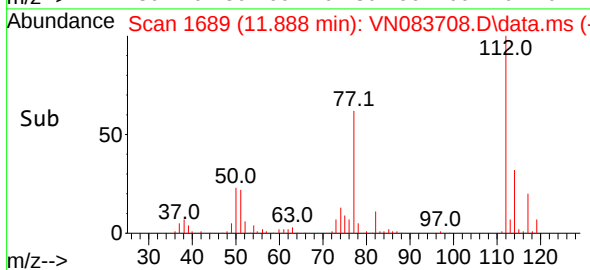
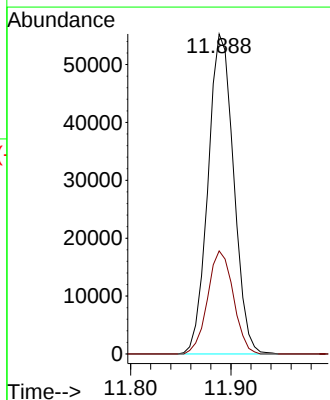
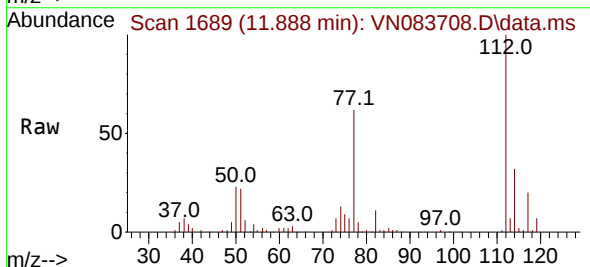
Manual Integrations
APPROVED

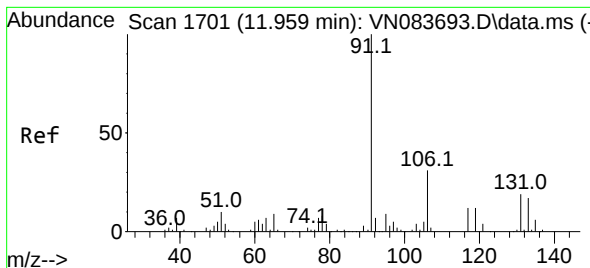
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#64
Chlorobenzene
Concen: 17.474 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

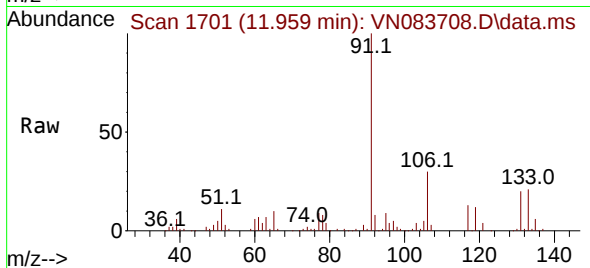
Tgt Ion:112 Resp: 98169
Ion Ratio Lower Upper
112 100
114 32.2 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 17.921 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

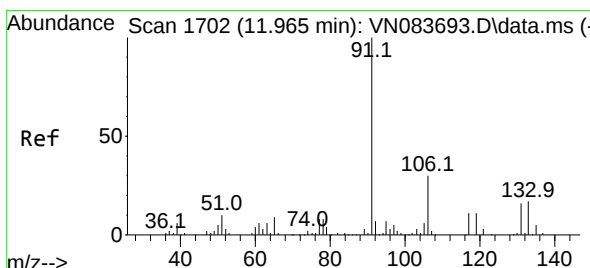
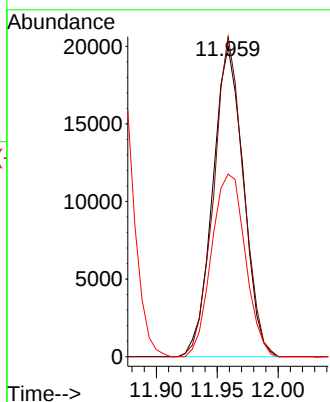
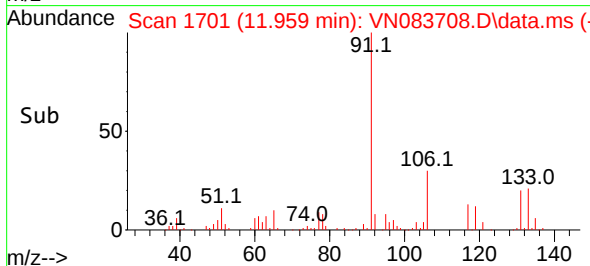
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



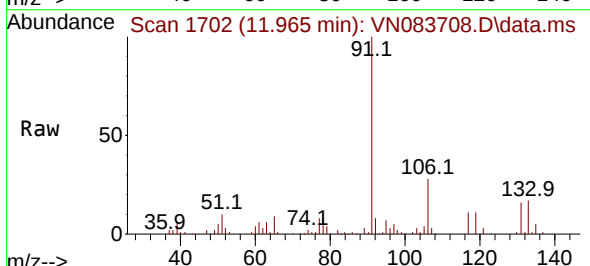
Tgt Ion:131 Resp: 35072
Ion Ratio Lower Upper
131 100
133 99.5 0.0 188.0
119 64.6 0.0 122.8

Manual Integrations
APPROVED

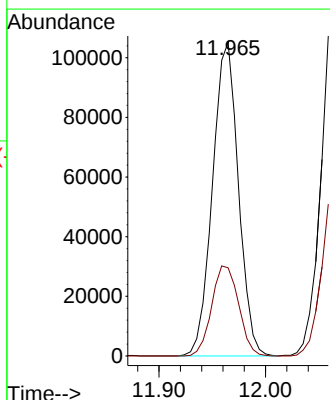
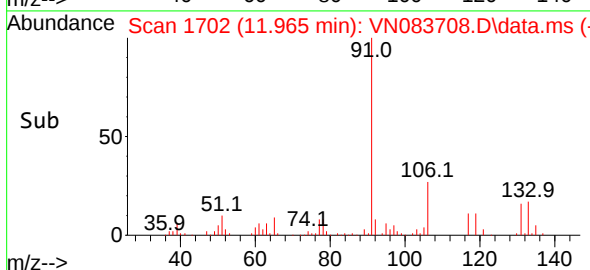
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

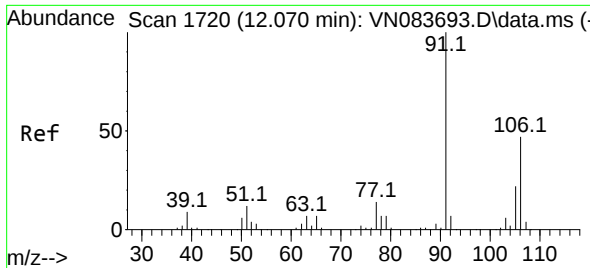


#66
Ethyl Benzene
Concen: 17.161 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion: 91 Resp: 177087
Ion Ratio Lower Upper
91 100
106 28.1 24.4 36.6





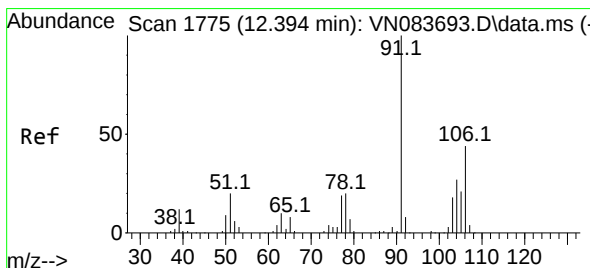
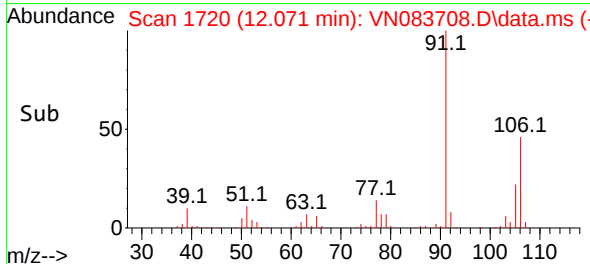
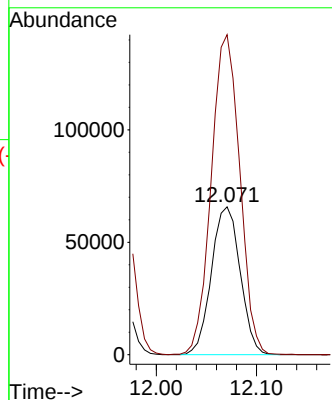
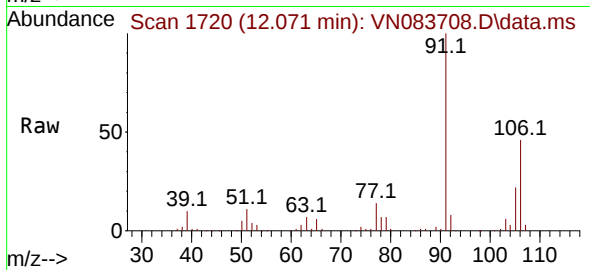
#67
m/p-Xylenes
Concen: 34.537 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion:106 Resp: 13111
Ion Ratio Lower Upper
106 100
91 214.5 166.6 249.8

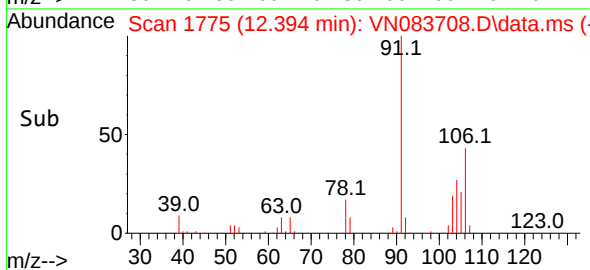
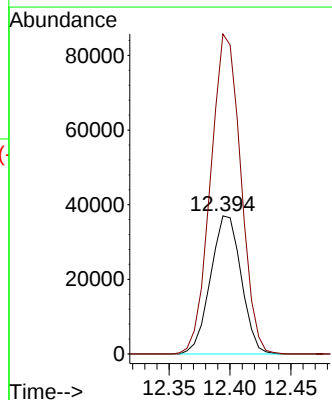
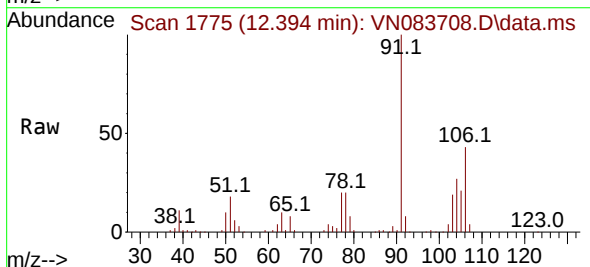
Manual Integrations
APPROVED

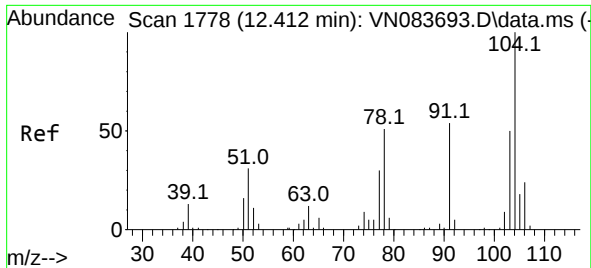
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#68
o-Xylene
Concen: 17.632 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

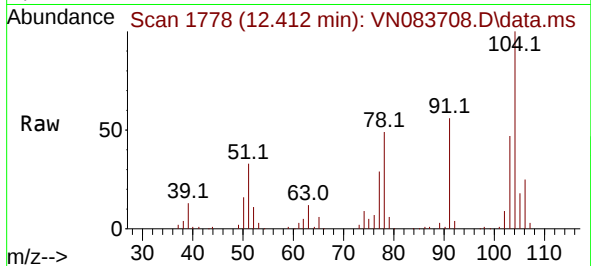
Tgt Ion:106 Resp: 64783
Ion Ratio Lower Upper
106 100
91 228.5 110.0 330.0





#69
Styrene
Concen: 17.227 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

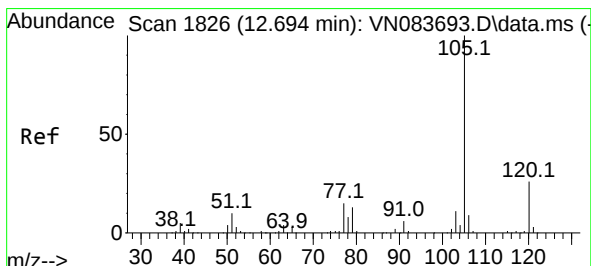
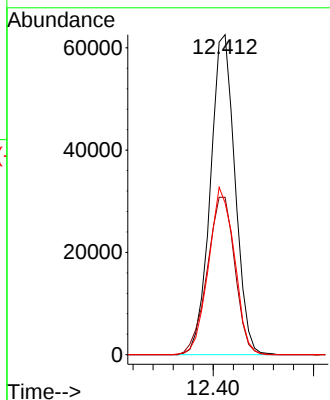
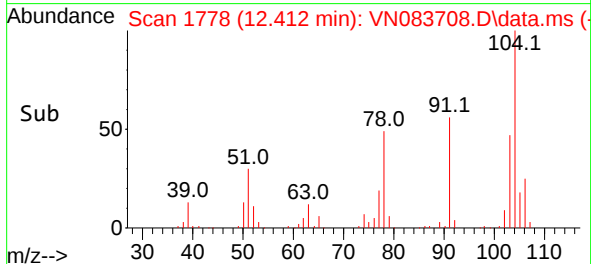
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



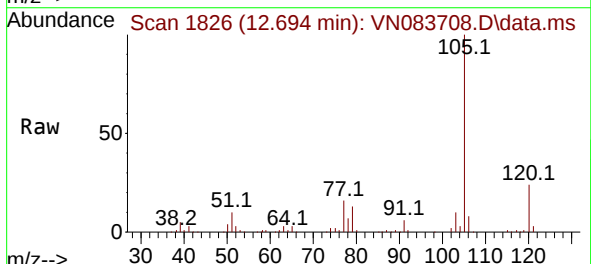
Tgt Ion:104 Resp: 10695
Ion Ratio Lower Upper
104 100
78 55.1 42.6 64.0
103 54.9 43.7 65.5

Manual Integrations
APPROVED

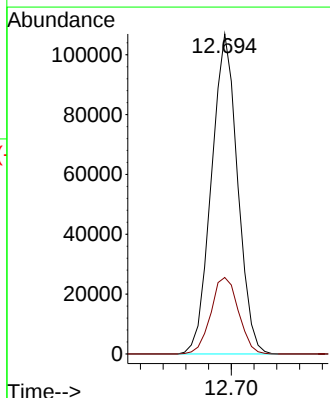
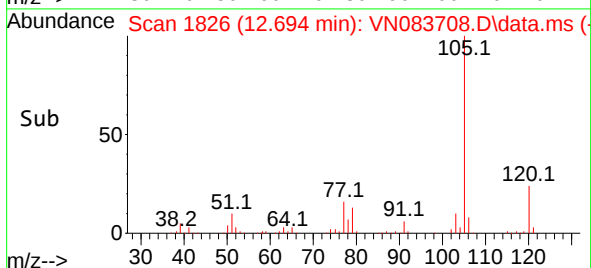
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

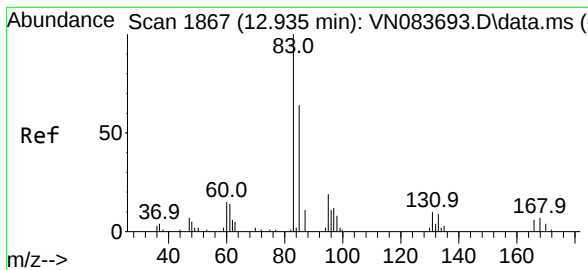


#70
Isopropylbenzene
Concen: 17.654 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion:105 Resp: 171180
Ion Ratio Lower Upper
105 100
120 25.2 17.8 33.1





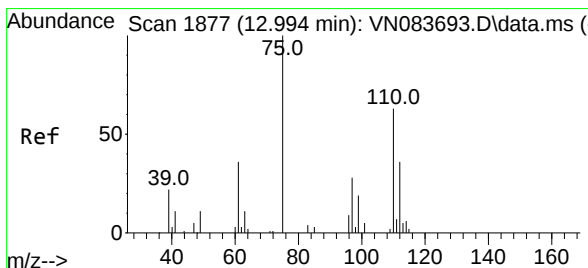
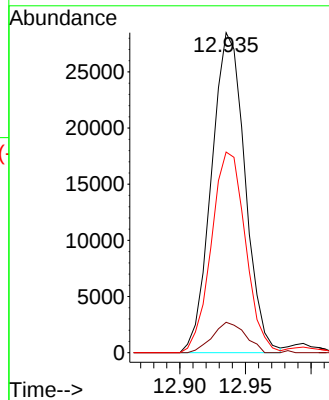
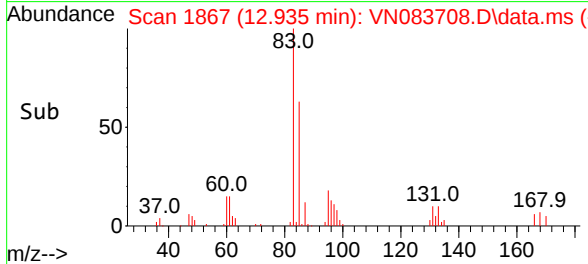
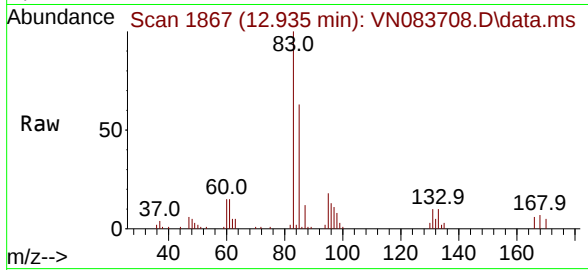
#71
1,1,2,2-Tetrachloroethane
Concen: 19.099 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 83 Resp: 5058
Ion Ratio Lower Upper
83 100
131 9.3 5.2 15.6
85 63.7 32.3 96.8

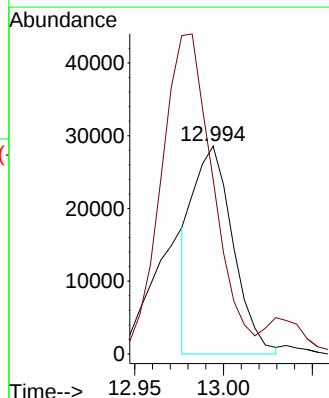
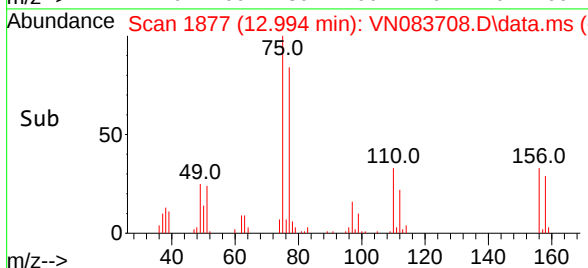
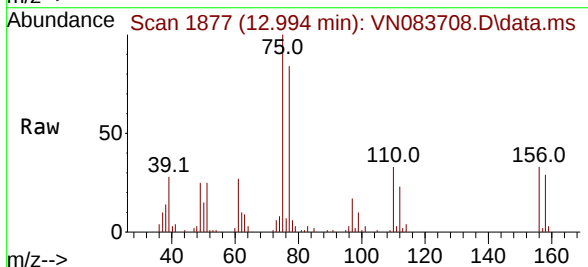
Manual Integrations
APPROVED

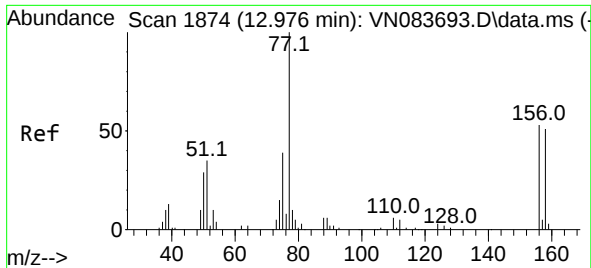
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#72
1,2,3-Trichloropropane
Concen: 19.367 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

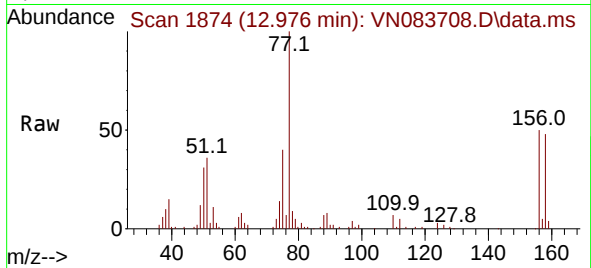
Tgt Ion: 75 Resp: 44968
Ion Ratio Lower Upper
75 100
77 198.8 0.0 367.6





#73
Bromobenzene
Concen: 17.709 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

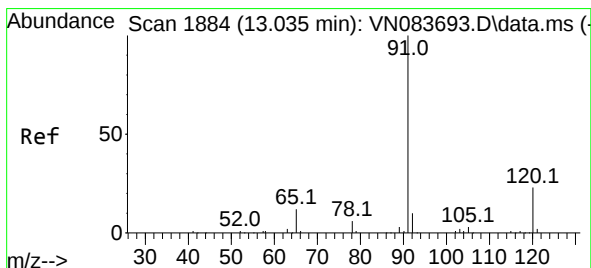
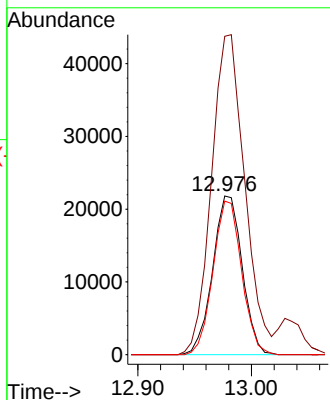
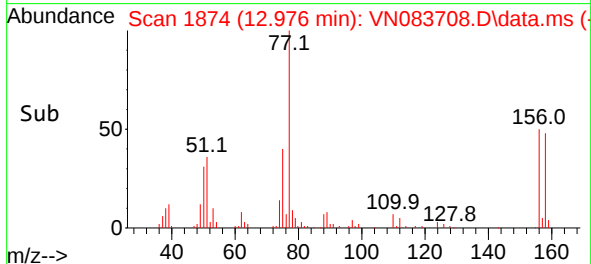
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



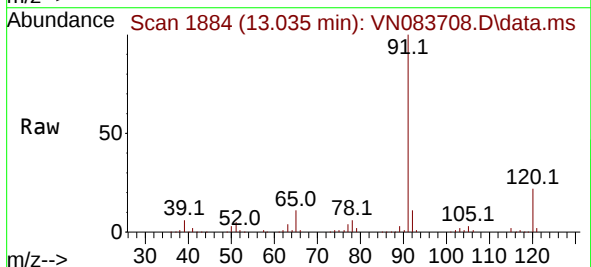
Tgt Ion:156 Resp: 3944
Ion Ratio Lower Upper
156 100
77 226.7 0.0 437.6
158 93.5 0.0 203.8

Manual Integrations
APPROVED

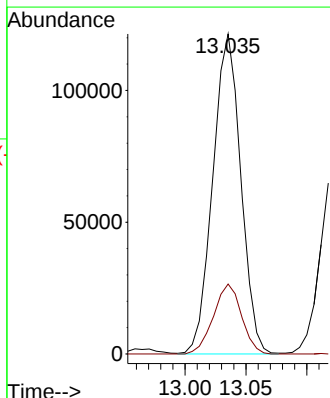
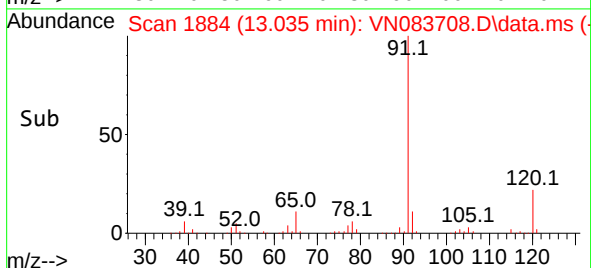
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

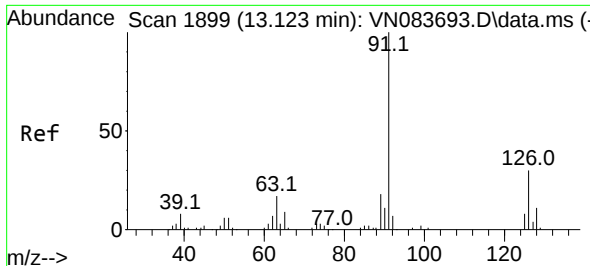


#74
n-propylbenzene
Concen: 17.119 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



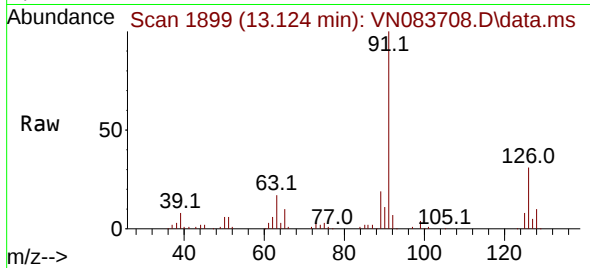
Tgt Ion: 91 Resp: 194312
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.8





#75
2-Chlorotoluene
Concen: 17.673 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

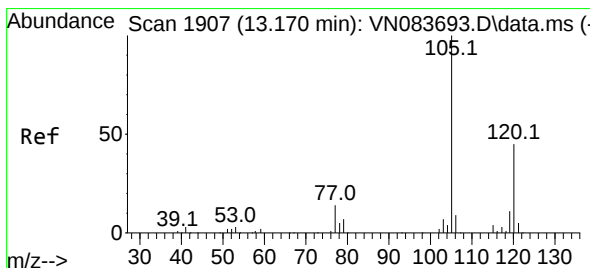
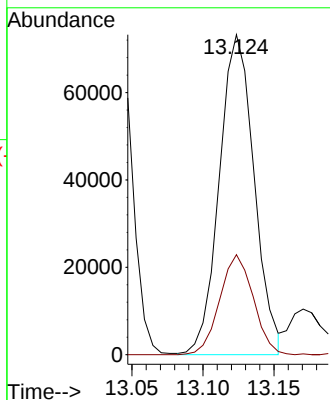
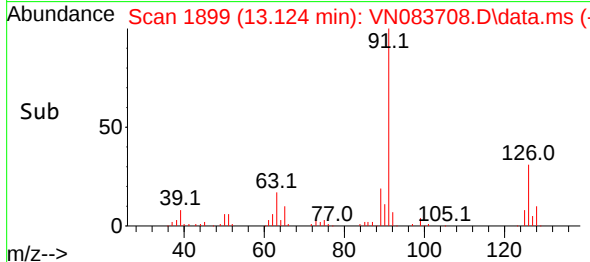
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 91 Resp: 125200
Ion Ratio Lower Upper
91 100
126 30.0 0.0 61.2

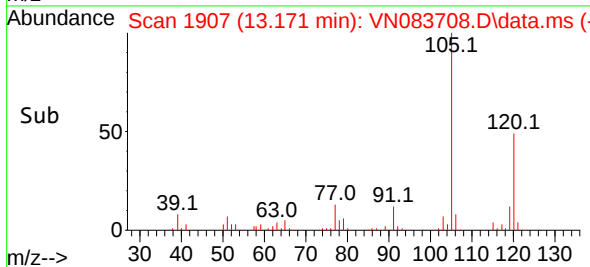
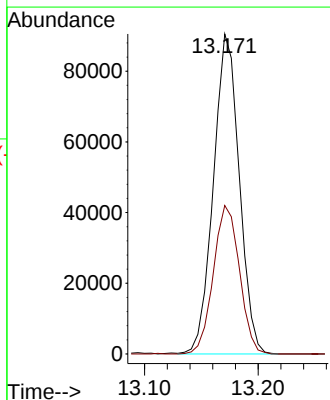
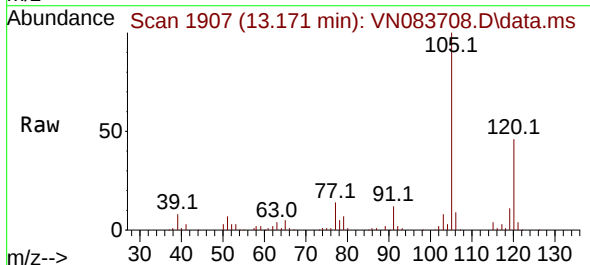
Manual Integrations
APPROVED

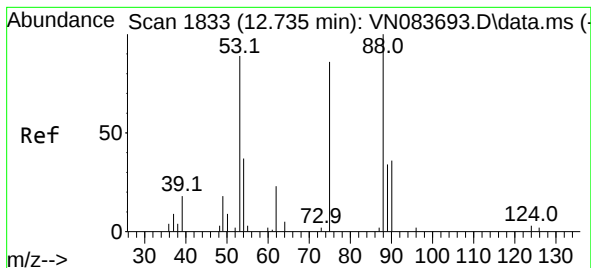
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#76
1,3,5-Trimethylbenzene
Concen: 17.665 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

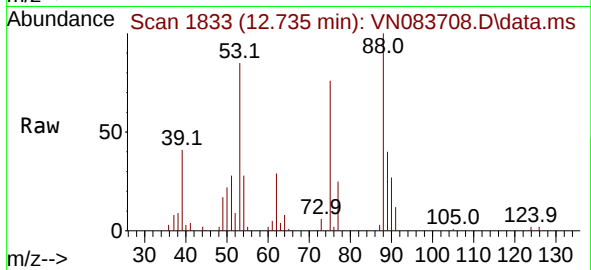
Tgt Ion:105 Resp: 143082
Ion Ratio Lower Upper
105 100
120 46.8 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.263 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

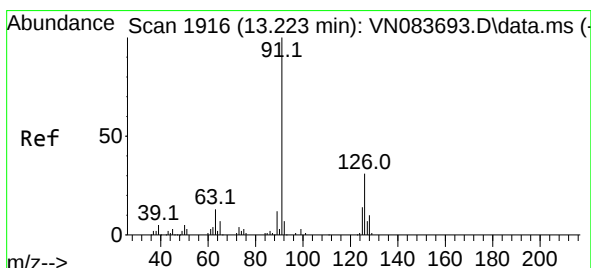
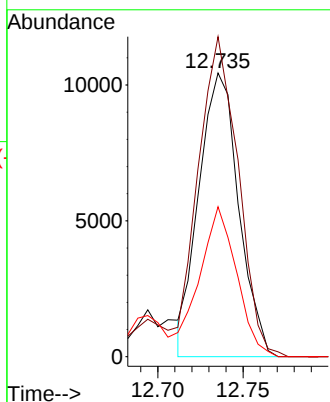
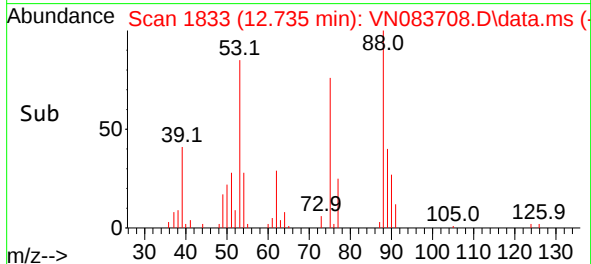
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



Tgt Ion: 75 Resp: 1694
Ion Ratio Lower Upper
75 100
53 111.1 45.9 137.7
89 52.8 25.9 77.7

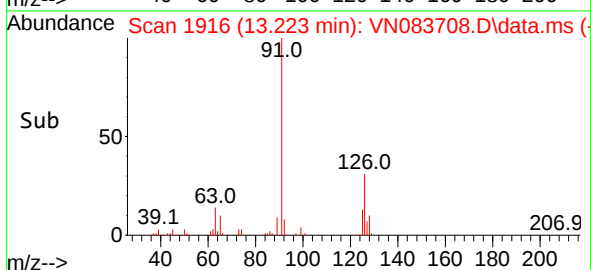
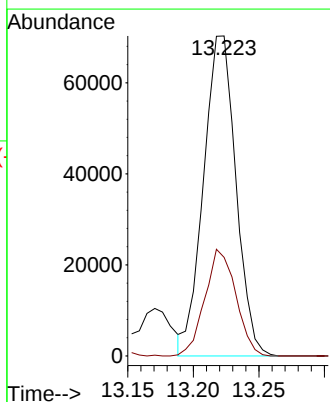
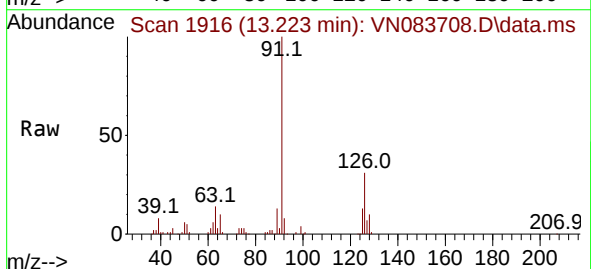
Manual Integrations
APPROVED

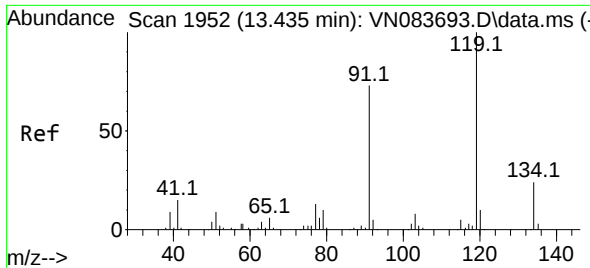
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#78
4-Chlorotoluene
Concen: 16.832 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

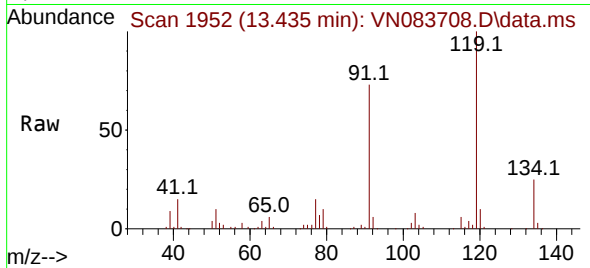
Tgt Ion: 91 Resp: 120926
Ion Ratio Lower Upper
91 100
126 31.8 0.0 62.8





#79
tert-butylbenzene
Concen: 17.826 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

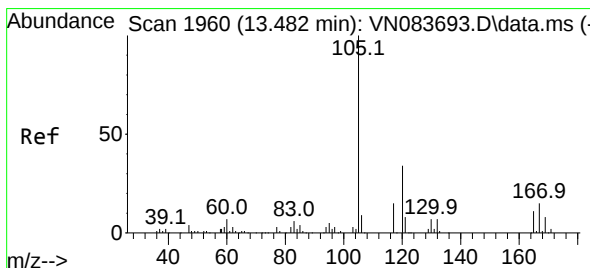
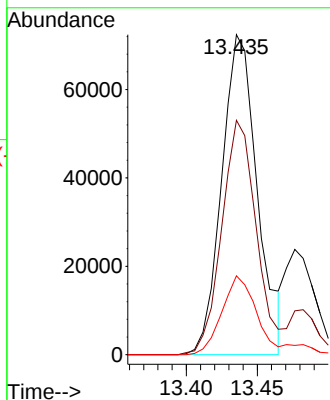
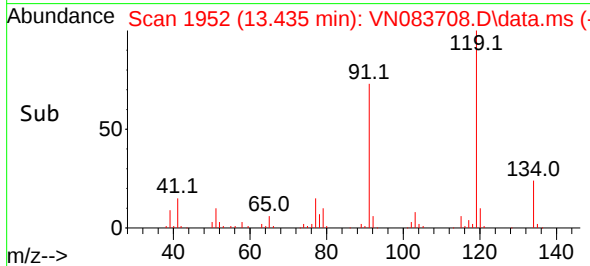
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



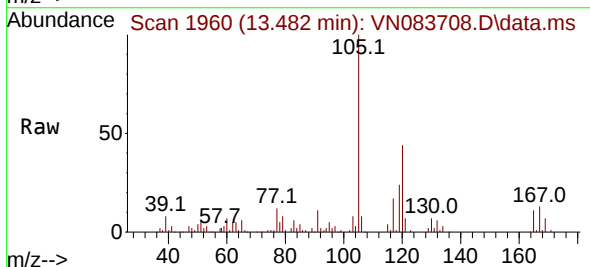
Tgt Ion:119 Resp: 12625
Ion Ratio Lower Upper
119 100
91 70.9 0.0 138.8
134 23.6 0.0 48.6

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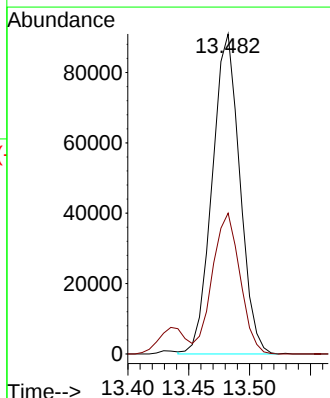
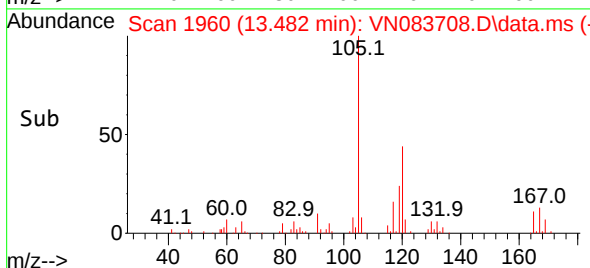
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

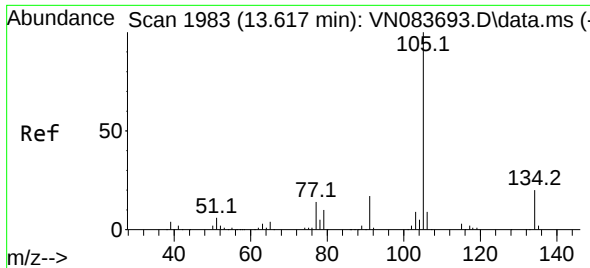


#80
1,2,4-Trimethylbenzene
Concen: 17.509 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



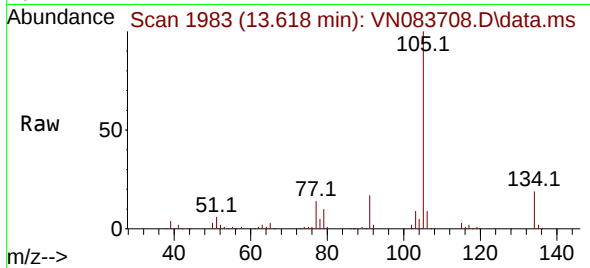
Tgt Ion:105 Resp: 143312
Ion Ratio Lower Upper
105 100
120 44.1 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 17.048 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083708.D
 Acq: 09 Sep 2024 10:03

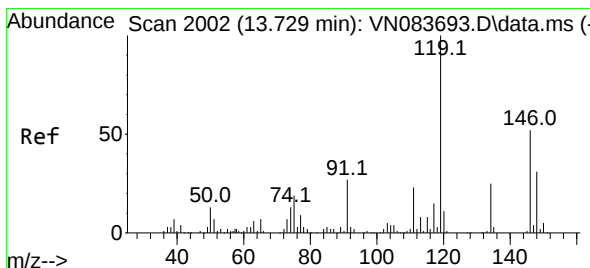
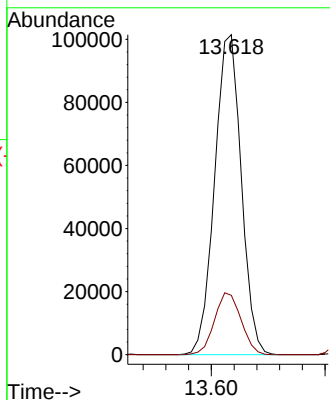
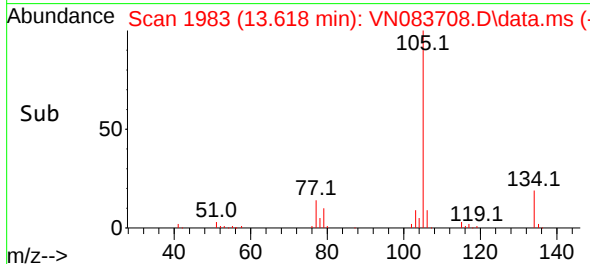
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



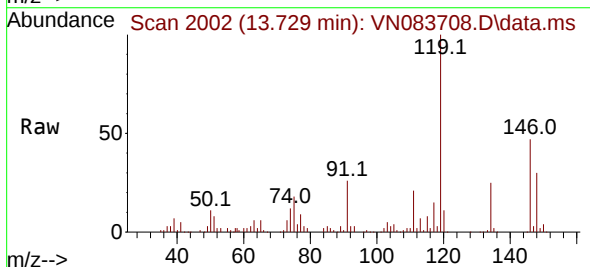
Tgt Ion:105 Resp: 164949
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0

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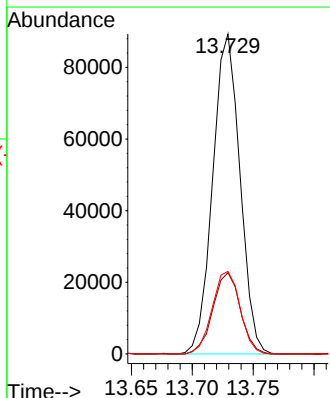
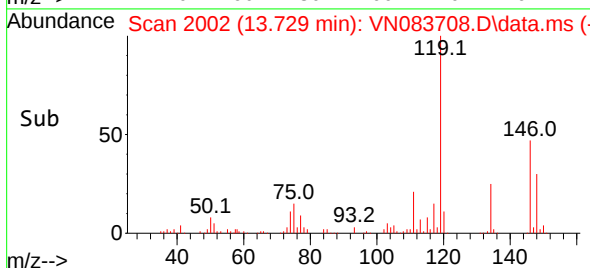
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

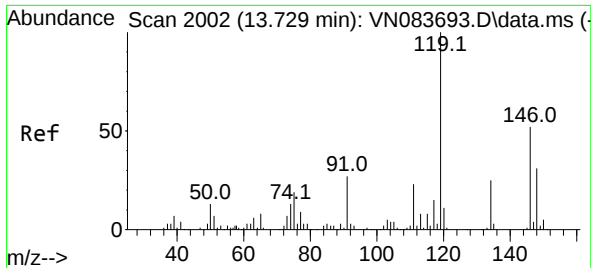


#82
 p-Isopropyltoluene
 Concen: 17.059 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083708.D
 Acq: 09 Sep 2024 10:03



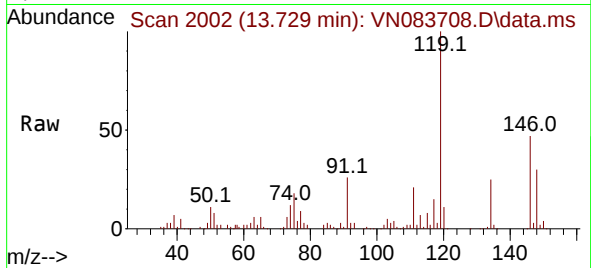
Tgt Ion:119 Resp: 138870
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 49.2
 91 26.3 0.0 48.8





#83
 1,3-Dichlorobenzene
 Concen: 16.865 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083708.D
 Acq: 09 Sep 2024 10:03

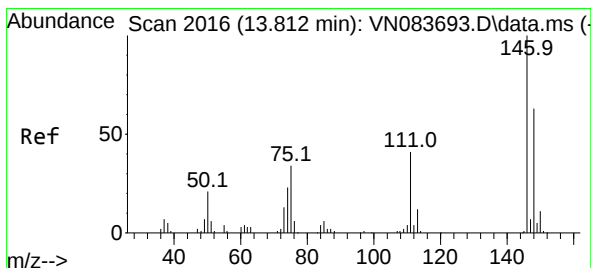
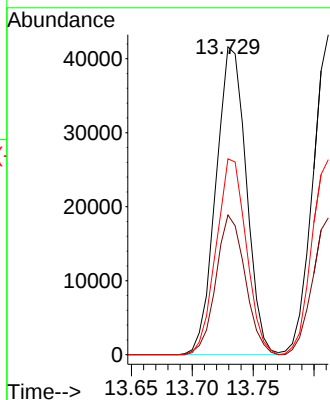
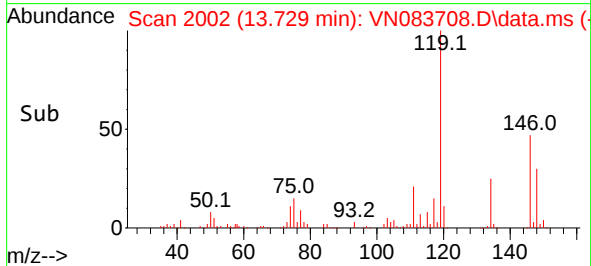
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBSD01



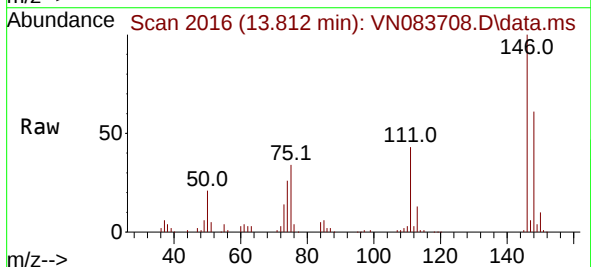
Tgt Ion:146 Resp: 72292
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.4 67.0
 148 63.0 32.1 96.5

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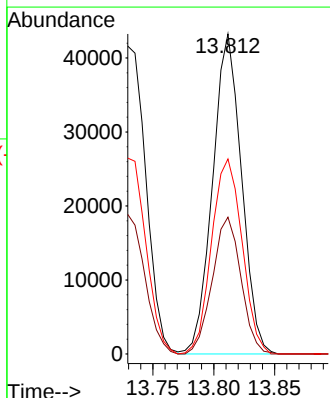
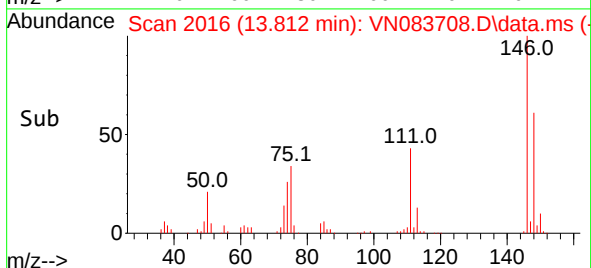
Reviewed By :John Carlone 09/10/2024
 Supervised By :Mahesh Dadoda 09/10/2024

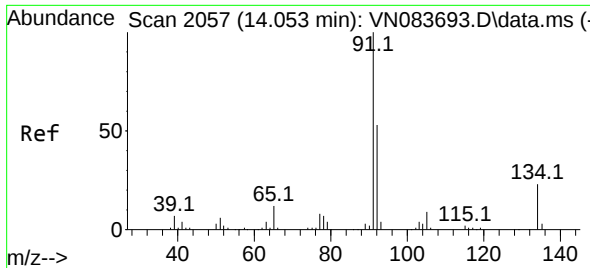


#84
 1,4-Dichlorobenzene
 Concen: 16.675 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083708.D
 Acq: 09 Sep 2024 10:03



Tgt Ion:146 Resp: 71460
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.3 63.9
 148 64.2 31.9 95.5





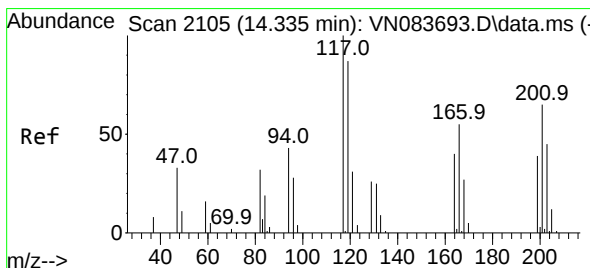
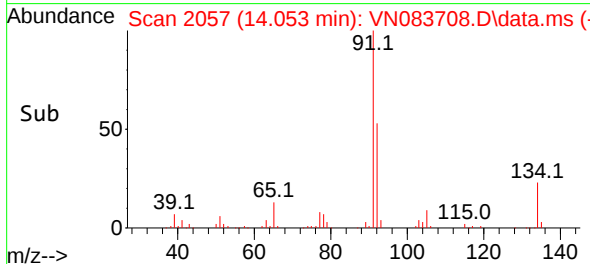
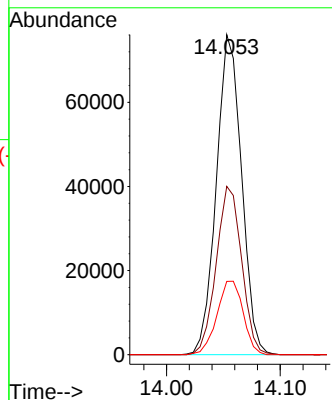
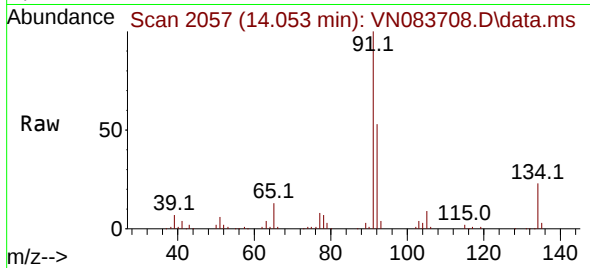
#85
n-Butylbenzene
Concen: 16.360 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01

Tgt Ion: 91 Resp: 117524
Ion Ratio Lower Upper
91 100
92 53.0 0.0 105.0
134 23.8 0.0 51.8

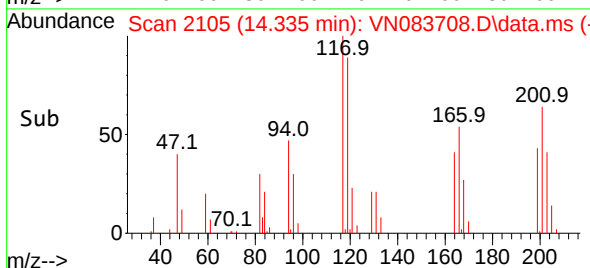
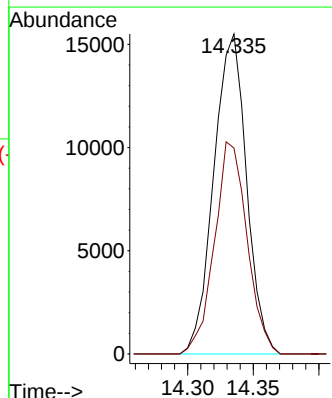
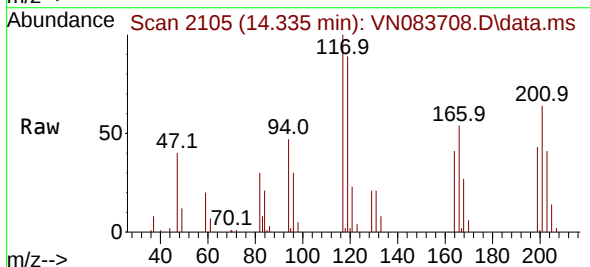
Manual Integrations
APPROVED

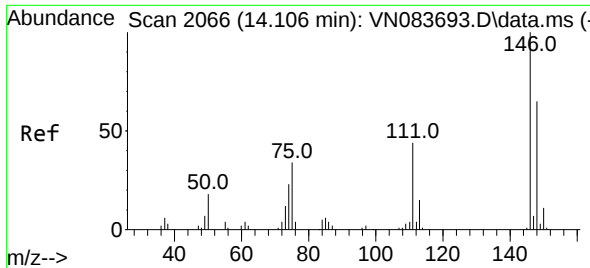
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024



#86
Hexachloroethane
Concen: 17.465 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

Tgt Ion:117 Resp: 26943
Ion Ratio Lower Upper
117 100
201 65.9 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 17.203 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN083708.D

Acq: 09 Sep 2024 10:03

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBSD01

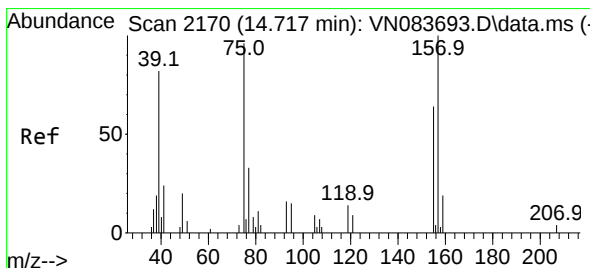
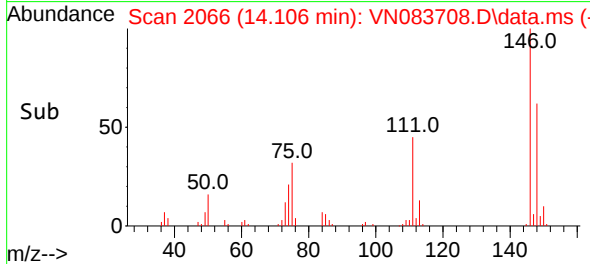
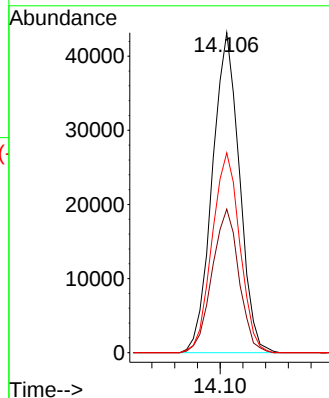
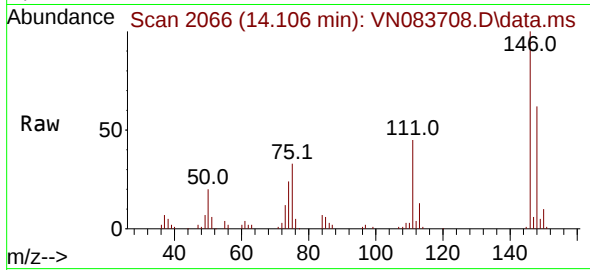
Tgt Ion:146	Resp:	71564
Ion Ratio	Lower	Upper
146	100	
111	44.5	22.6 67.8
148	63.8	31.3 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/10/2024

Supervised By :Mahesh Dadoda 09/10/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.780 ug/l

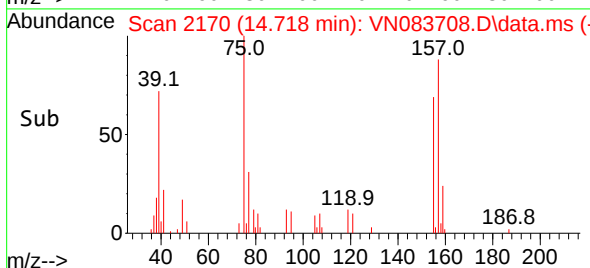
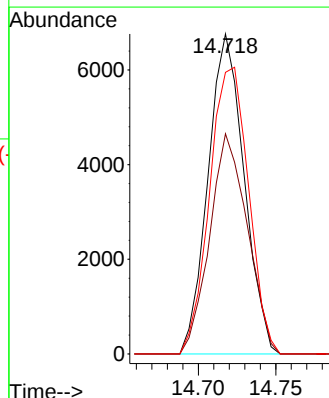
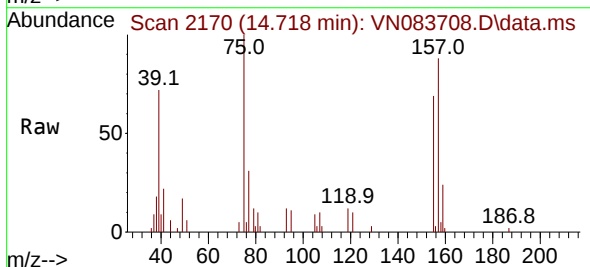
RT: 14.718 min Scan# 2170

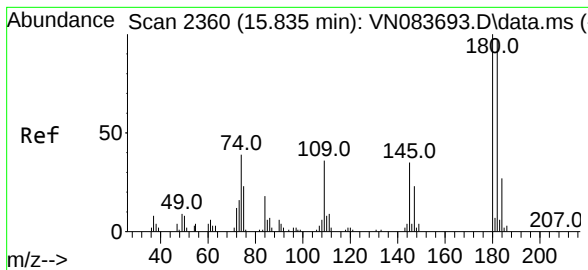
Delta R.T. 0.000 min

Lab File: VN083708.D

Acq: 09 Sep 2024 10:03

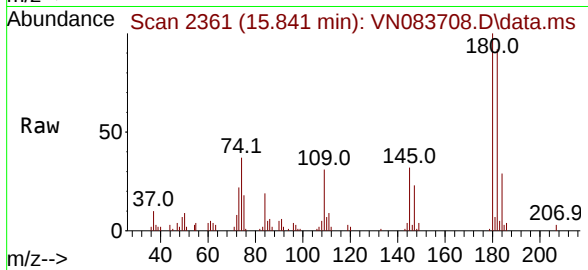
Tgt Ion: 75	Resp:	10930
Ion Ratio	Lower	Upper
75	100	
155	71.9	61.7 92.5
157	97.1	83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 15.888 ug/l
RT: 15.841 min Scan# 2360
Delta R.T. 0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

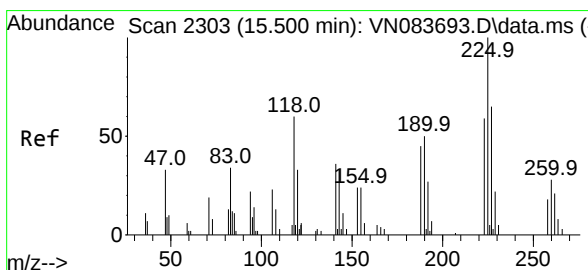
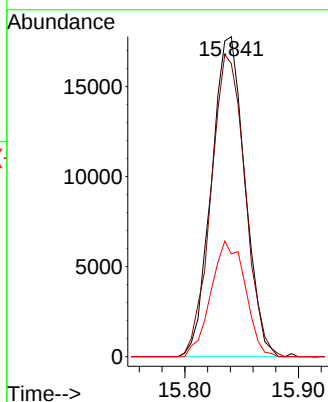
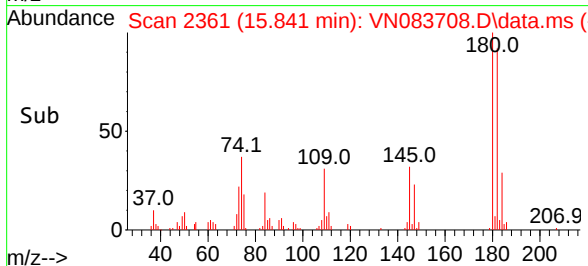
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



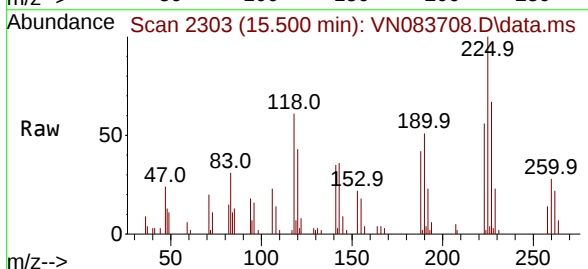
Tgt Ion:180 Resp: 36209
Ion Ratio Lower Upper
180 100
182 96.5 76.4 114.6
145 37.0 28.4 42.6

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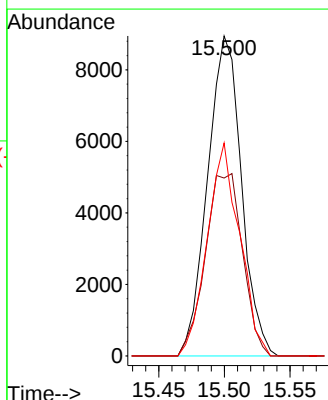
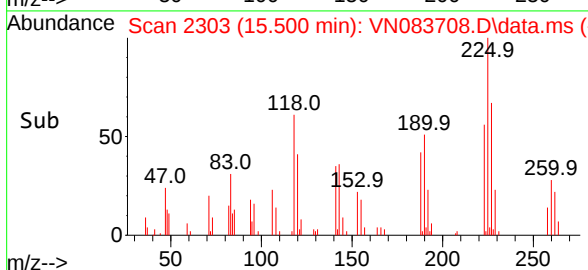
Reviewed By :John Carlone 09/10/2024
Supervised By :Mahesh Dadoda 09/10/2024

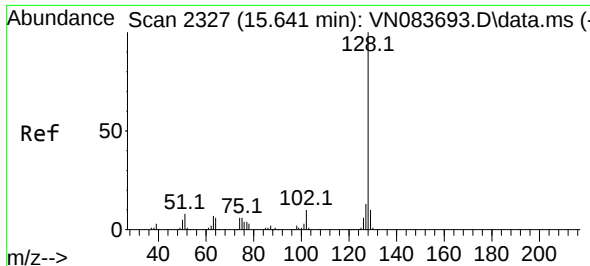


#90
Hexachlorobutadiene
Concen: 17.038 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



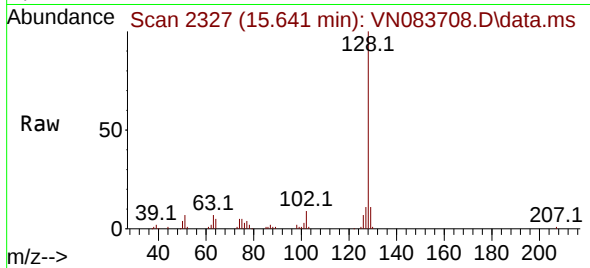
Tgt Ion:225 Resp: 16072
Ion Ratio Lower Upper
225 100
223 62.8 0.0 126.6
227 63.9 0.0 126.6





#91
Naphthalene
Concen: 16.498 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03

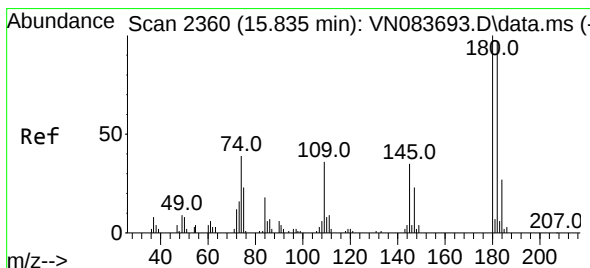
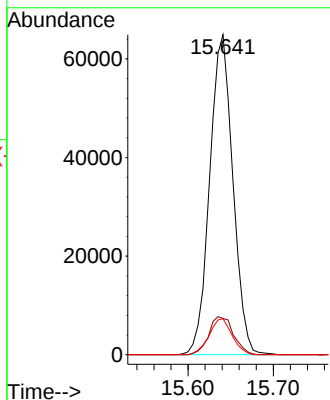
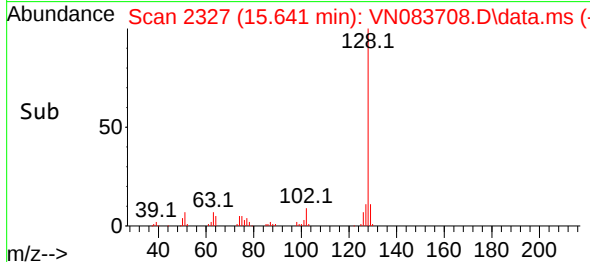
Instrument :
MSVOA_N
ClientSampleId :
VN0909WBSD01



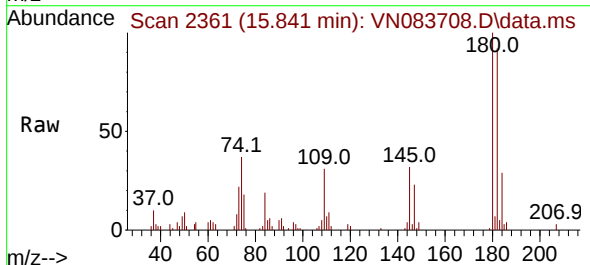
Tgt Ion:128 Resp: 12292
Ion Ratio Lower Upper
128 100
127 12.6 10.6 16.0
129 11.1 8.6 13.0

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



#92
1,2,3-Trichlorobenzene
Concen: 15.888 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083708.D
Acq: 09 Sep 2024 10:03



Tgt Ion:180 Resp: 36209
Ion Ratio Lower Upper
180 100
182 96.5 0.0 191.0
145 37.0 0.0 71.0

