

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
 Data File : VN083696.D
 Acq On : 06 Sep 2024 15:13
 Operator : JC\MD
 Sample : VN0906WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Manual Integrations
 APPROVED

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

Quant Time: Sep 06 23:46:44 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	28730	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	172207	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	155751	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81933	31.199	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 104.000%			
60) 4-Bromofluorobenzene	12.847	95	79901	29.766	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.233%			
63) Toluene-d8	10.565	98	216278	29.989	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.967%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	38314	19.914	ug/l	97
3) Chloromethane	2.359	50	40307	20.163	ug/l	100
4) Vinyl Chloride	2.512	62	40061	19.494	ug/l	97
5) Bromomethane	2.906	94	23741	20.677	ug/l	94
6) Chloroethane	3.083	64	27816	20.213	ug/l	95
7) Trichlorofluoromethane	3.477	101	67795	19.677	ug/l	99
8) Diethyl Ether	3.953	74	23728	20.268	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	36625	19.790	ug/l	93
10) 1,1-Dichloroethene	4.330	96	34932	19.563	ug/l	88
11) Methyl Iodide	4.577	142	47846	19.727	ug/l	94
12) Methyl Acetate	5.018	43	42395	19.687	ug/l #	74
13) Acrolein	4.171	56	31828	101.274	ug/l	99
14) Acrylonitrile	5.718	53	84829	97.340	ug/l	97
15) Acetone	4.430	58	24716	85.497	ug/l #	69
16) Carbon Disulfide	4.706	76	94799	18.785	ug/l	96
17) Allyl chloride	5.018	41	60903	19.450	ug/l	87
18) Methylene Chloride	5.271	84	39683	20.313	ug/l	87
19) trans-1,2-Dichloroethene	5.777	96	36192	19.556	ug/l	93
20) Diisopropyl ether	6.665	45	126490	20.003	ug/l	97
21) 1,1-Dichloroethane	6.565	63	71871	19.906	ug/l	94
22) cis-1,2-Dichloroethene	7.483	96	43999	19.534	ug/l	94
23) tert-Butyl Alcohol	5.530	59	32237m	100.806	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	125538	19.784	ug/l #	87
25) Chloroform	7.965	83	73798	19.288	ug/l	94
26) Cyclohexane	8.247	56	62633	19.696	ug/l #	87
29) 1,1-Dichloropropene	8.371	75	50222	18.387	ug/l	97
30) 2-Butanone	7.483	43	121587	94.432	ug/l #	93
31) 2,2-Dichloropropane	7.488	77	66056	18.969	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	70190	19.242	ug/l	98
33) Carbon Tetrachloride	8.353	117	58913	18.649	ug/l	97
34) Benzene	8.600	78	158620	19.354	ug/l	97
35) Methacrylonitrile	7.777	41	27194	18.788	ug/l	91
36) 1,2-Dichloroethane	8.671	62	58498	18.987	ug/l	95
37) Trichloroethene	9.353	130	36120	18.768	ug/l	94
38) Methylcyclohexane	9.600	83	61655	18.854	ug/l	96
39) 1,2-Dichloropropane	9.618	63	37692	19.109	ug/l	94
40) Dibromomethane	9.706	93	27532	19.090	ug/l	93
41) Bromodichloromethane	9.888	83	58094	18.942	ug/l	97
42) Vinyl Acetate	6.600	43	474515	89.635	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49448	19.080	ug/l #	90
44) Isopropyl Acetate	8.688	43	87394	19.497	ug/l	90
45) 1,4-Dioxane	9.700	88	14762	422.239	ug/l	99
46) Methyl methacrylate	9.682	41	41515	19.135	ug/l	80
47) n-amyl Acetate	12.494	43	76049	19.153	ug/l	90
48) t-1,3-Dichloropropene	10.835	75	58767	18.217	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	61759	18.408	ug/l #	78
50) 1,1,2-Trichloroethane	11.018	97	36114	19.679	ug/l	98
51) Ethyl methacrylate	10.876	69	59450	18.961	ug/l	82
52) 1,3-Dichloropropane	11.165	76	61738	18.629	ug/l	99
53) Dibromochloromethane	11.359	129	40866	18.565	ug/l	99
54) 1,2-Dibromoethane	11.471	107	36410	19.178	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	116609	93.323	ug/l	98
56) Bromoform	12.576	173	25232	18.043	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	244576	99.034	ug/l #	88
59) 2-Hexanone	11.194	43	178724	95.775	ug/l	89
61) Tetrachloroethene	11.100	164	31743	19.257	ug/l	86
62) Toluene	10.629	91	168899	18.866	ug/l	100
64) Chlorobenzene	11.894	112	103410	18.657	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	35746	18.513	ug/l	98
66) Ethyl Benzene	11.965	91	190360	18.698	ug/l	98
67) m/p-Xylenes	12.070	106	137924	36.824	ug/l	96
68) o-Xylene	12.394	106	70118	19.343	ug/l	98
69) Styrene	12.412	104	113863	18.590	ug/l	99
70) Isopropylbenzene	12.694	105	179060	18.718	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	50960	19.504	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	44758m	19.538	ug/l	
73) Bromobenzene	12.982	156	39122	17.805	ug/l	93
74) n-propylbenzene	13.035	91	207605	18.539	ug/l	99
75) 2-Chlorotoluene	13.123	91	131027	18.747	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	151758	18.991	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	17354	17.922	ug/l	84
78) 4-Chlorotoluene	13.223	91	128699	18.157	ug/l	98
79) tert-butylbenzene	13.441	119	131602	18.833	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	152041	18.828	ug/l	100
81) sec-Butylbenzene	13.617	105	172651	18.087	ug/l	99
82) p-Isopropyltoluene	13.729	119	145806	18.154	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	76085	17.991	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	74129	17.533	ug/l	98
85) n-Butylbenzene	14.059	91	123124	17.372	ug/l	98
86) Hexachloroethane	14.329	117	28195	18.525	ug/l	86
87) 1,2-Dichlorobenzene	14.106	146	73959	18.020	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11253	19.598	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.841	180	37627	16.734	ug/l	98
90) Hexachlorobutadiene	15.500	225	16146	17.349	ug/l	98
91) Naphthalene	15.641	128	127825	17.389	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	37627	16.734	ug/l	98

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

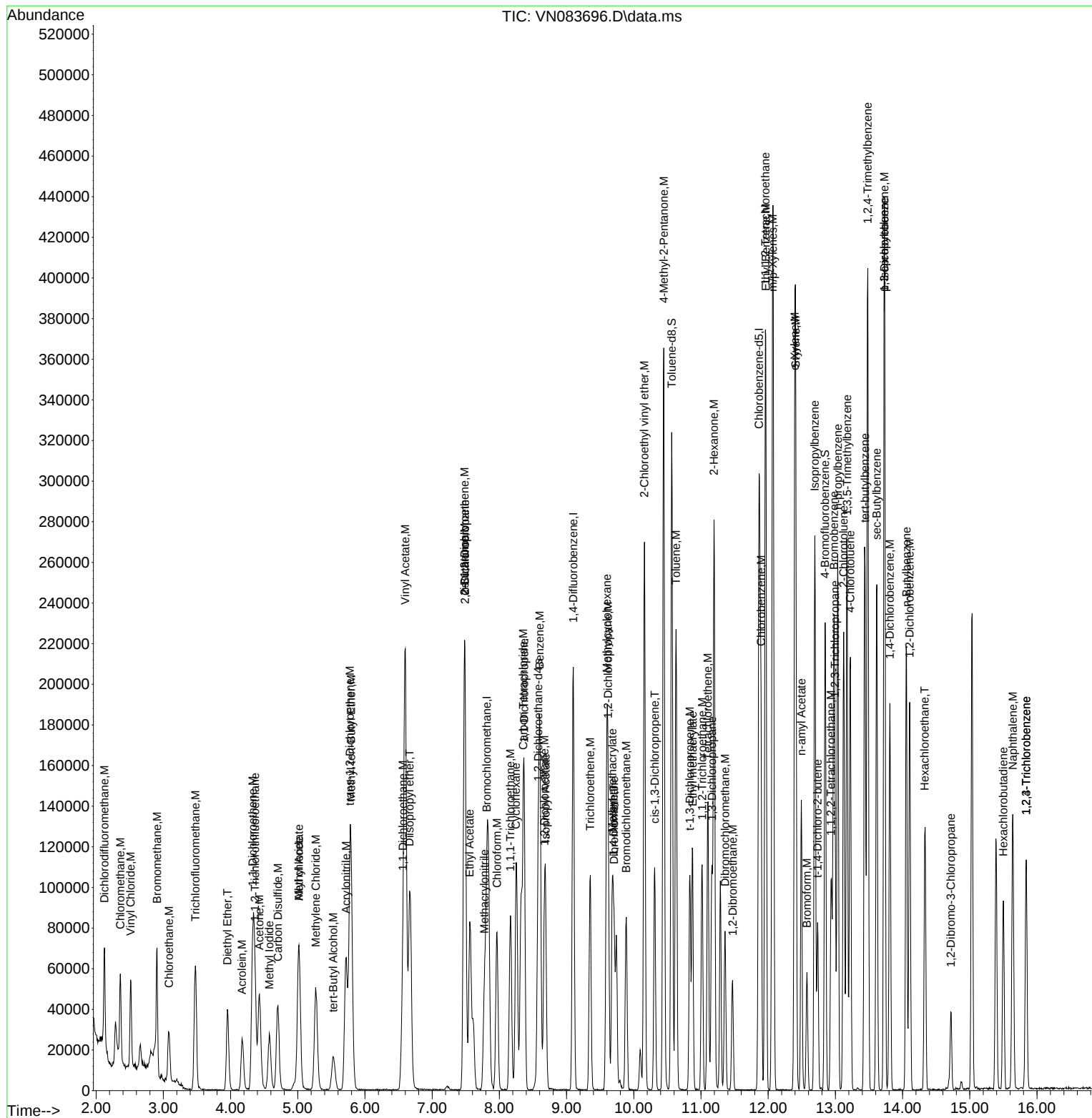
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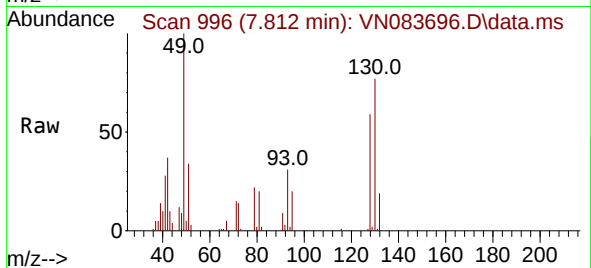
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

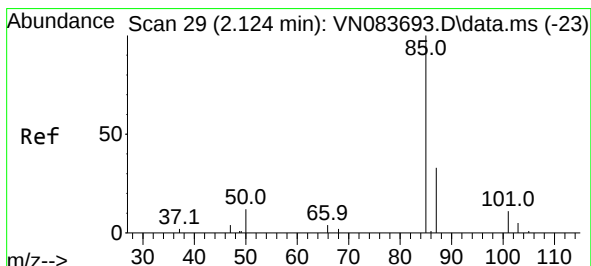
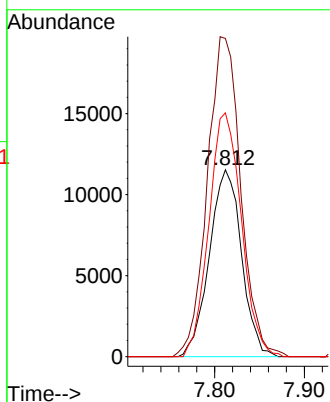
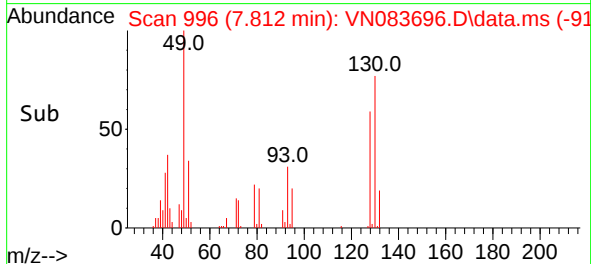
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 128 Resp: 28730
Ion Ratio Lower Upper
128 100
49 177.6 0.0 403.7
130 131.8 0.0 323.3

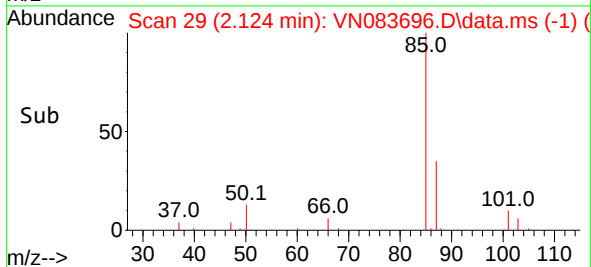
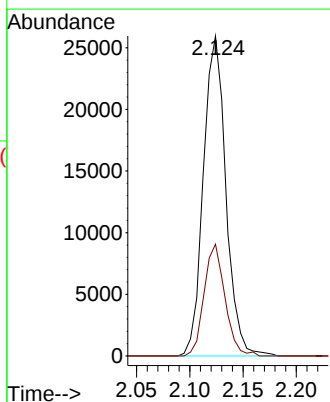
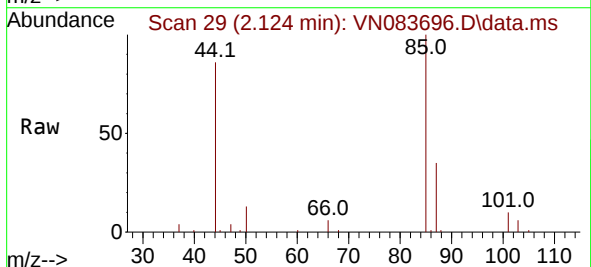
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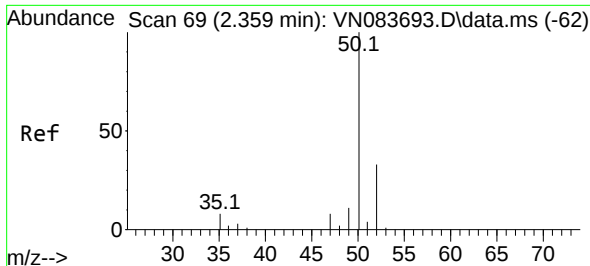
Reviewed By : John Carlone 09/09/2024
Supervised By : Mahesh Dadoda 09/09/2024



#2
Dichlorodifluoromethane
Concen: 19.914 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

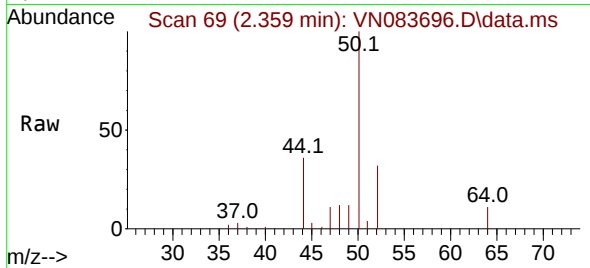
Tgt Ion: 85 Resp: 38314
Ion Ratio Lower Upper
85 100
87 35.0 16.8 50.3





#3
Chloromethane
Concen: 20.163 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

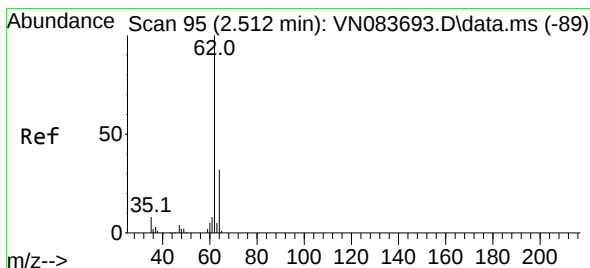
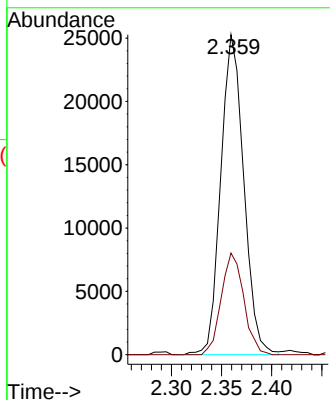
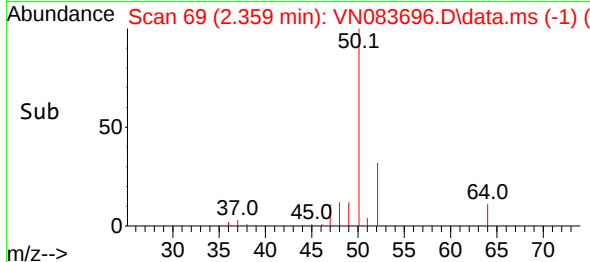
Instrument :
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Tgt Ion: 50 Resp: 4030
Ion Ratio Lower Upper
50 100
52 31.8 25.4 38.0

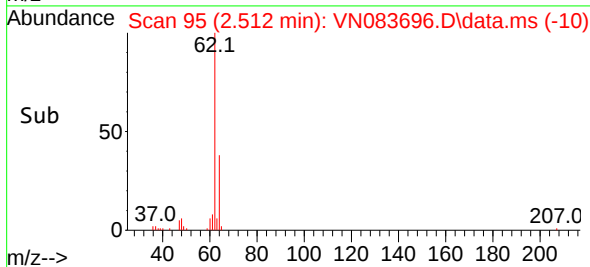
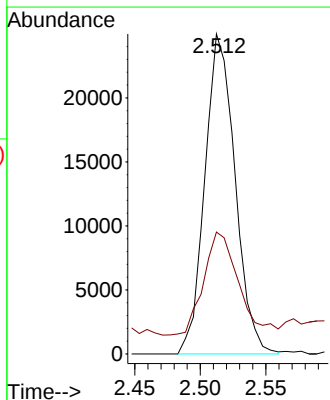
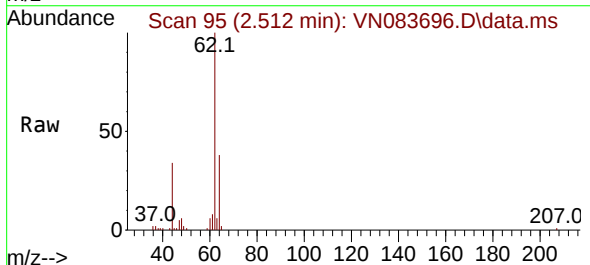
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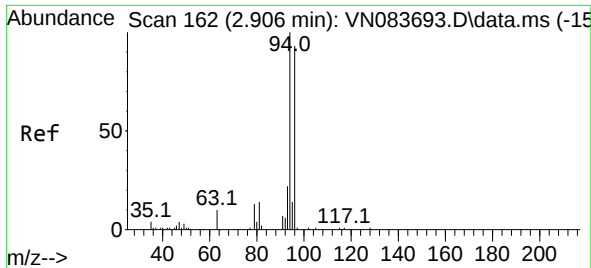
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#4
Vinyl Chloride
Concen: 19.494 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 62 Resp: 40061
Ion Ratio Lower Upper
62 100
64 31.8 24.1 36.1





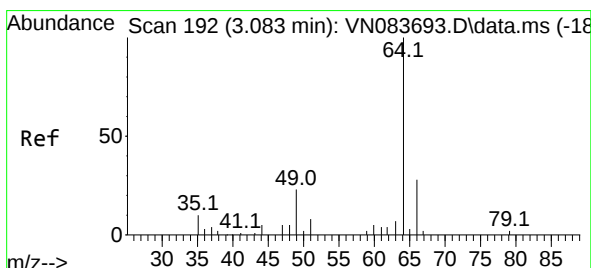
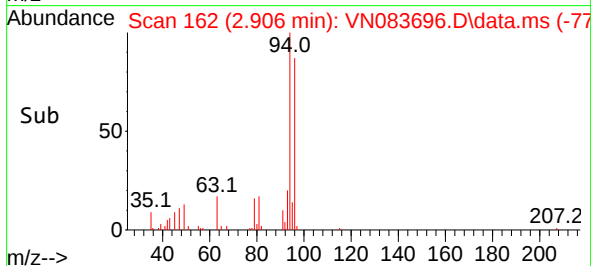
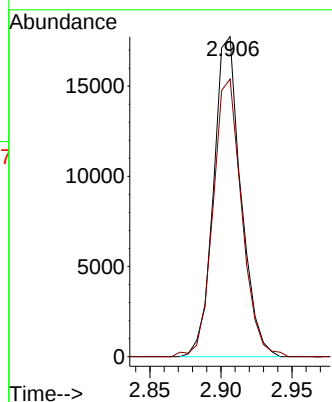
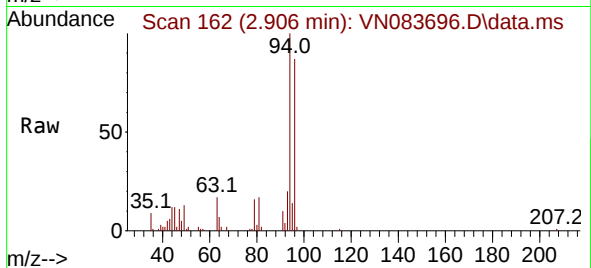
#5
Bromomethane
Concen: 20.677 ug/l
RT: 2.906 min Scan# 162
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 94 Resp: 2374
Ion Ratio Lower Upper
94 100
96 85.4 72.8 109.2

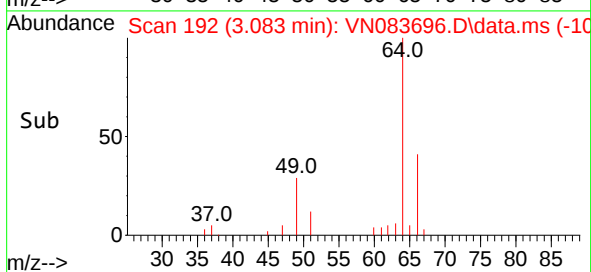
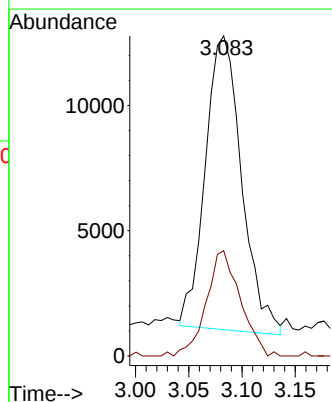
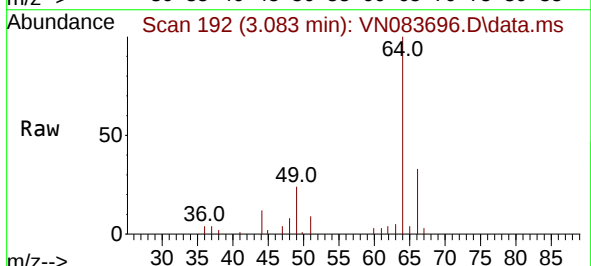
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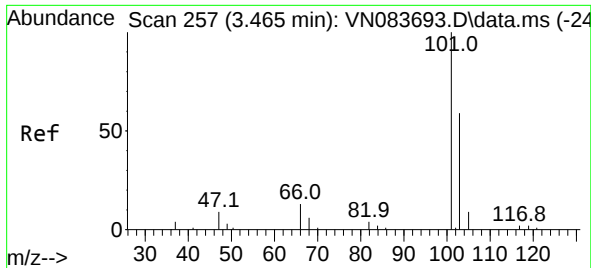
Reviewed By :John Carlone 09/09/2024
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#6
Chloroethane
Concen: 20.213 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 64 Resp: 27816
Ion Ratio Lower Upper
64 100
66 36.4 26.7 40.1





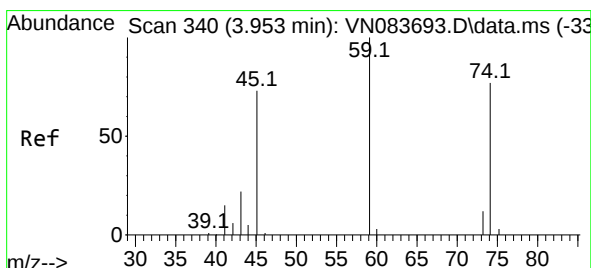
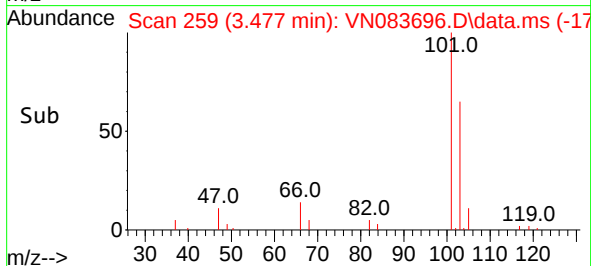
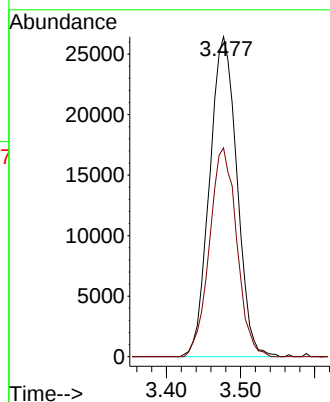
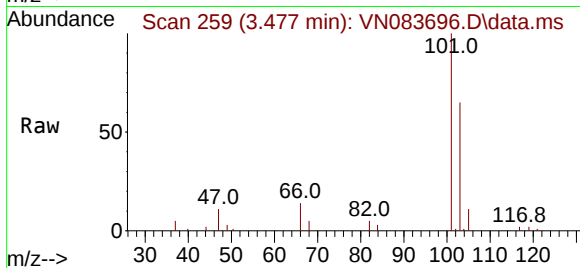
#7
Trichlorofluoromethane
Concen: 19.677 ug/l
RT: 3.477 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
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Tgt Ion:101 Resp: 6779
Ion Ratio Lower Upper
101 100
103 65.2 53.0 79.4

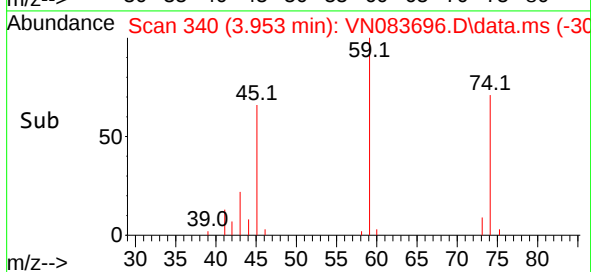
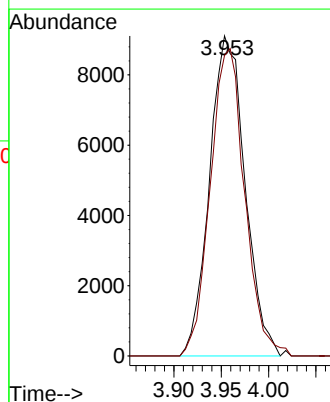
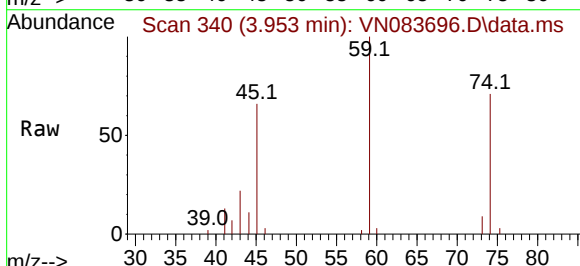
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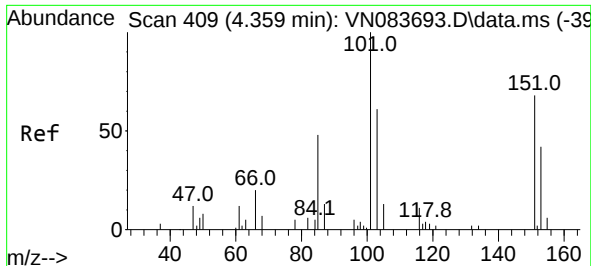
Reviewed By :John Carlone 09/09/2024
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#8
Diethyl Ether
Concen: 20.268 ug/l
RT: 3.953 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 74 Resp: 23728
Ion Ratio Lower Upper
74 100
45 93.2 16.4 147.4





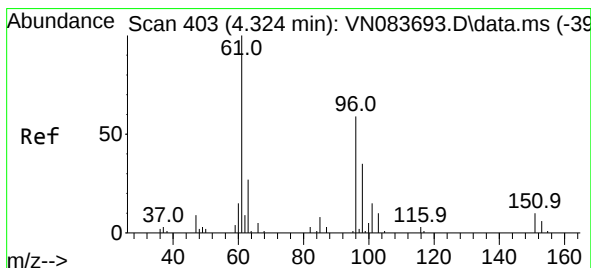
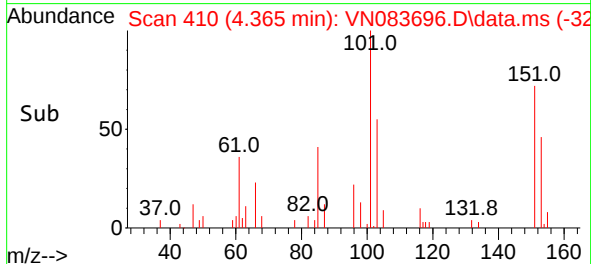
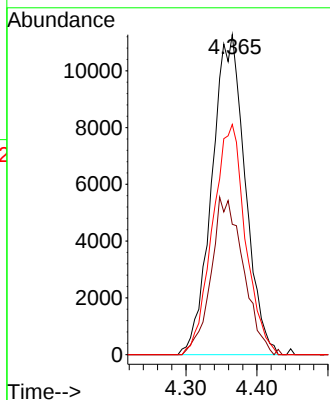
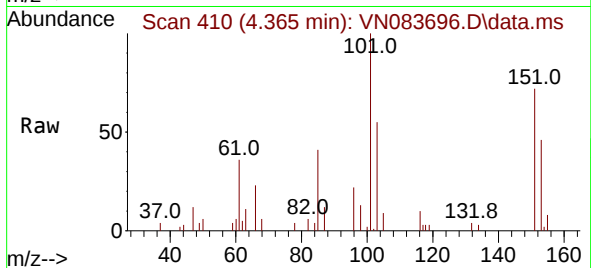
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.790 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

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MSVOA_N
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Tgt Ion:101 Resp: 3662
Ion Ratio Lower Upper
101 100
85 47.7 0.0 90.6
151 71.2 0.0 157.6

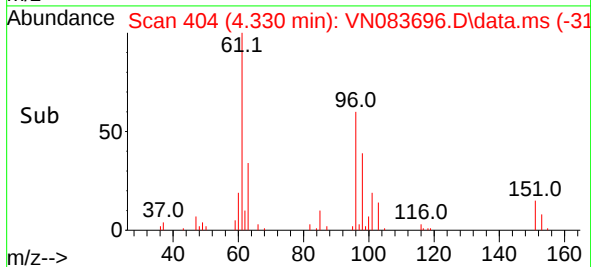
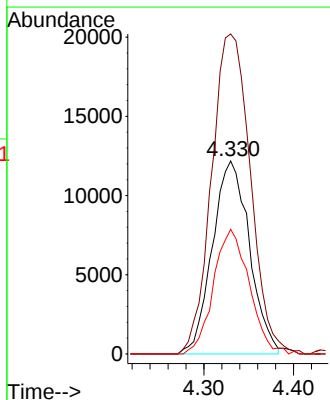
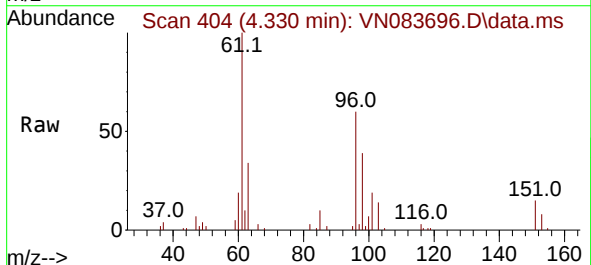
Manual Integrations
APPROVED

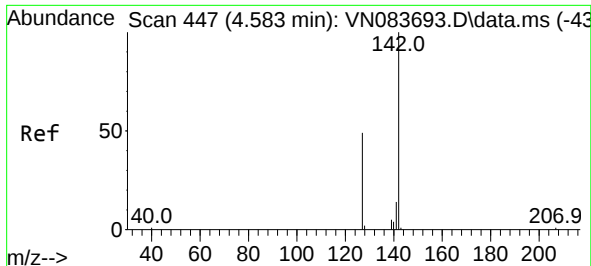
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#10
1,1-Dichloroethene
Concen: 19.563 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

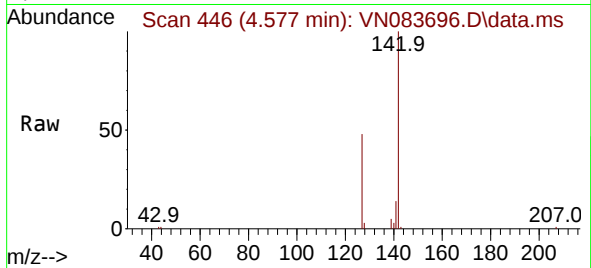
Tgt Ion: 96 Resp: 34932
Ion Ratio Lower Upper
96 100
61 165.8 117.6 176.4
98 64.6 48.4 72.6





#11
Methyl Iodide
Concen: 19.727 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

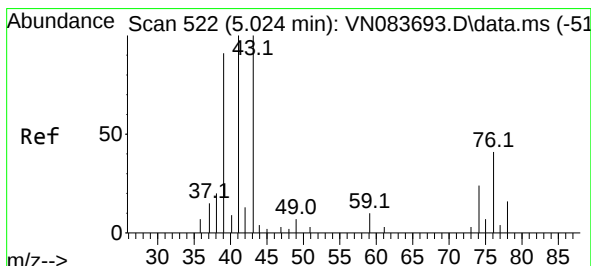
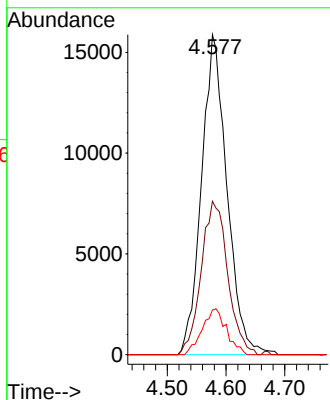
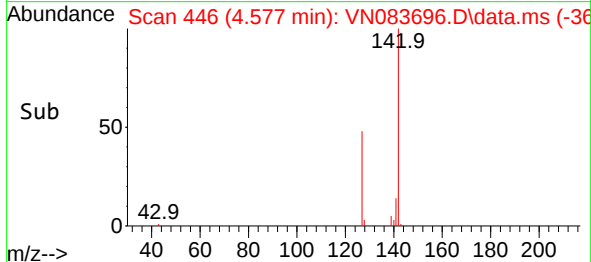
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion:142 Resp: 47840
Ion Ratio Lower Upper
142 100
127 48.0 26.3 78.9
141 13.9 8.3 24.9

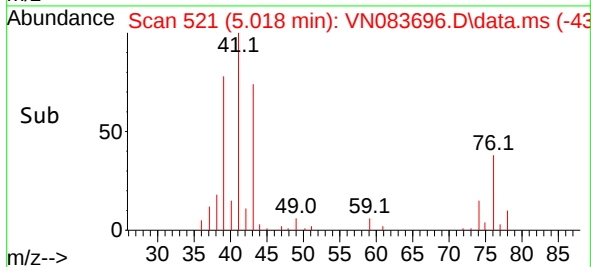
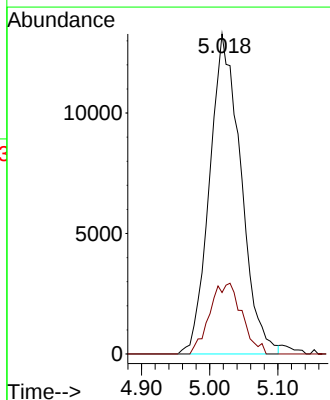
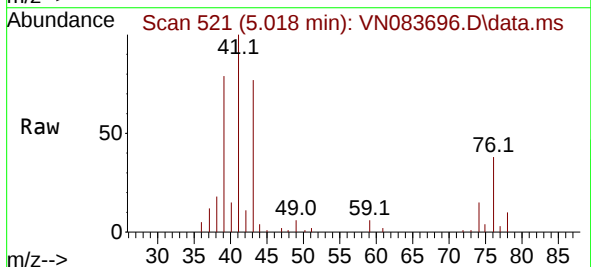
Manual Integrations
APPROVED

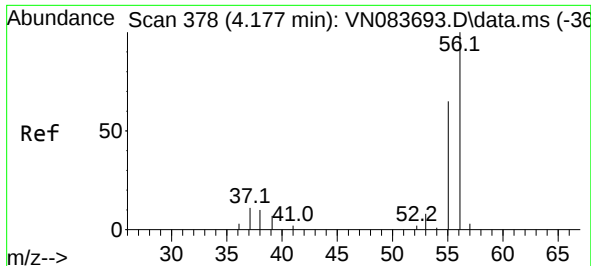
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#12
Methyl Acetate
Concen: 19.687 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 43 Resp: 42395
Ion Ratio Lower Upper
43 100
74 19.5 27.7 41.5#





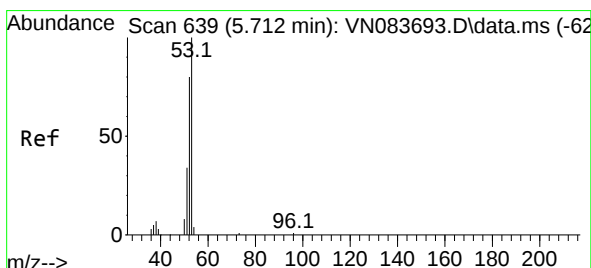
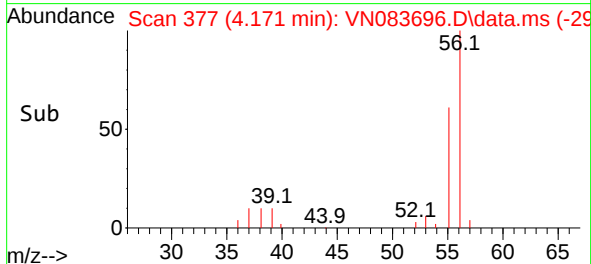
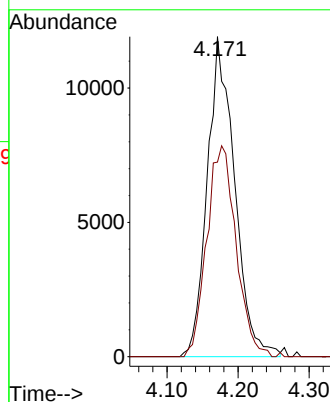
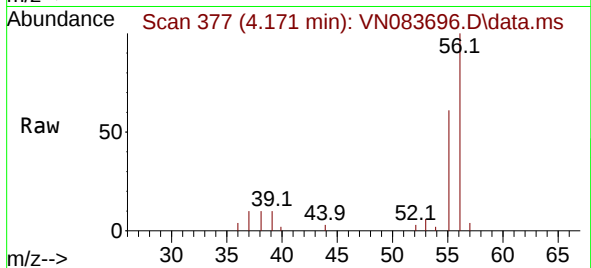
#13
Acrolein
Concen: 101.274 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 56 Resp: 31828
Ion Ratio Lower Upper
56 100
55 70.3 55.5 83.3

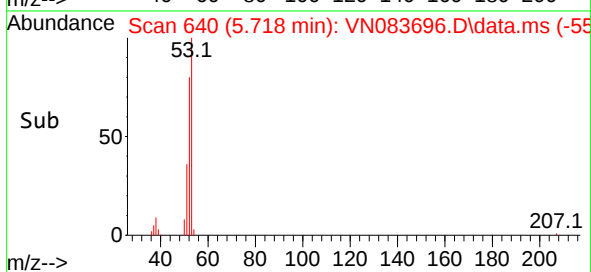
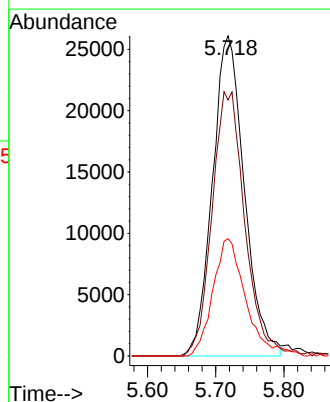
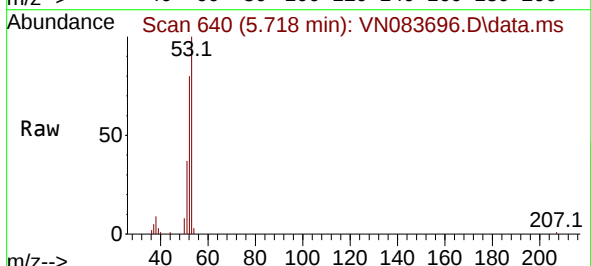
Manual Integrations
APPROVED

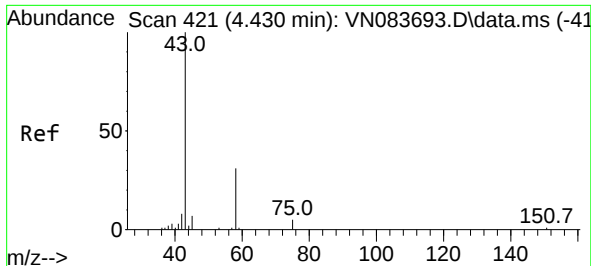
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#14
Acrylonitrile
Concen: 97.340 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

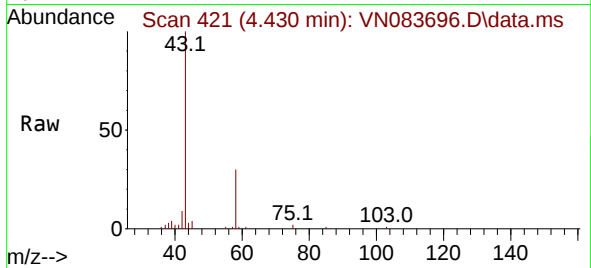
Tgt Ion: 53 Resp: 84829
Ion Ratio Lower Upper
53 100
52 84.3 41.3 123.9
51 36.4 16.8 50.3





#15
Acetone
Concen: 85.497 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

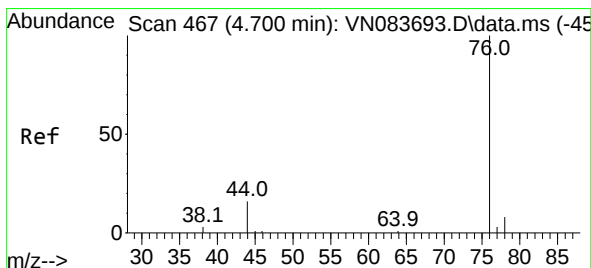
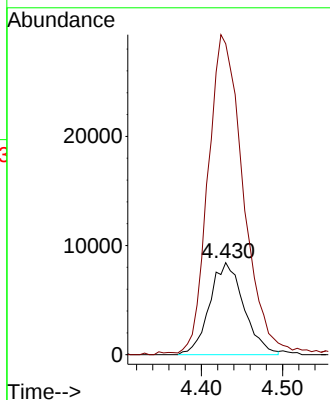
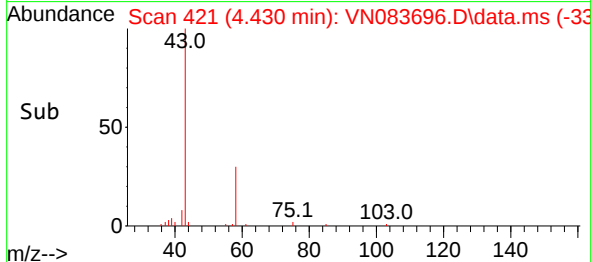
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



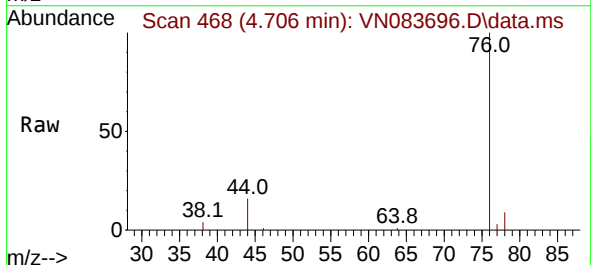
Tgt Ion: 58 Resp: 24710
Ion Ratio Lower Upper
58 100
43 336.2 223.1 334.7

Manual Integrations
APPROVED

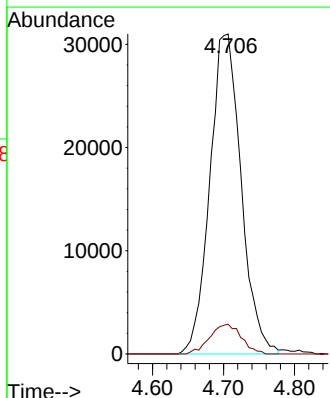
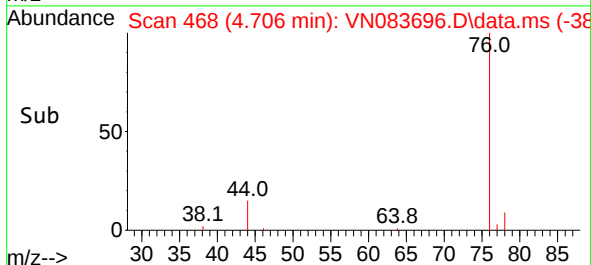
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

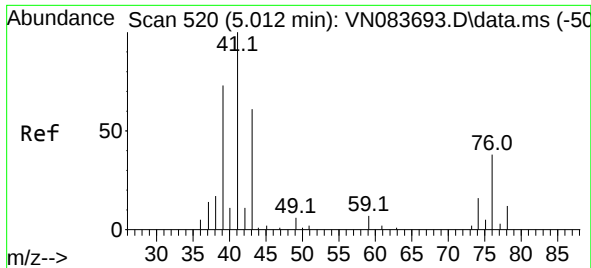


#16
Carbon Disulfide
Concen: 18.785 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



Tgt Ion: 76 Resp: 94799
Ion Ratio Lower Upper
76 100
78 9.3 6.3 9.5





#17

Allyl chloride

Concen: 19.450 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

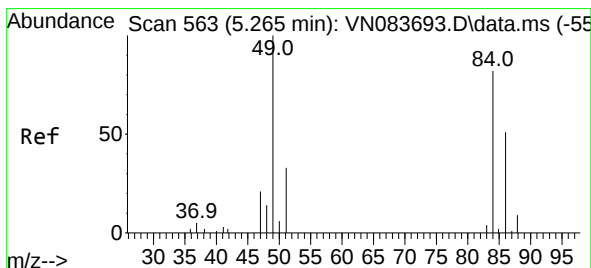
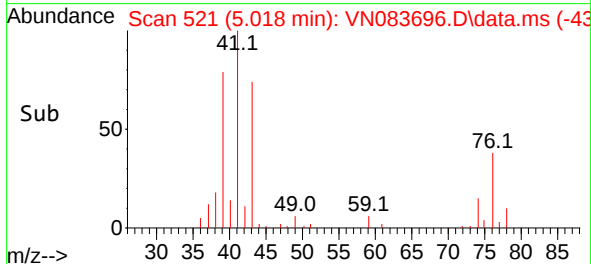
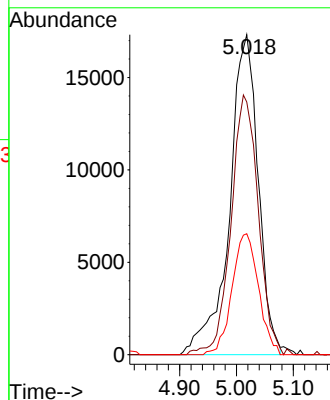
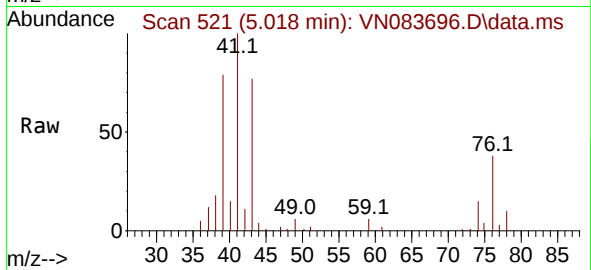
Tgt Ion:	41	Resp:	6090
Ion	Ratio	Lower	Upper
41	100		
39	78.9	37.6	112.9
76	37.8	27.8	83.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#18

Methylene Chloride

Concen: 20.313 ug/l

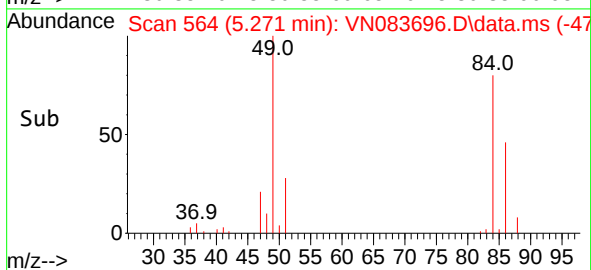
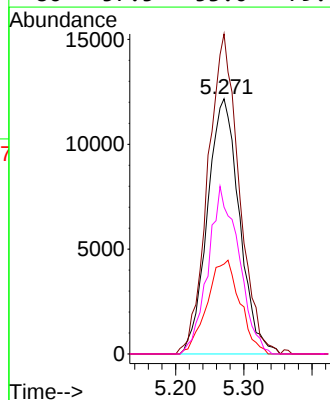
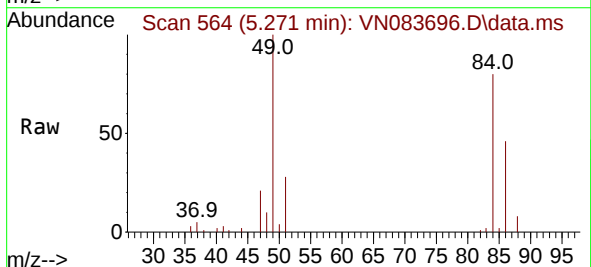
RT: 5.271 min Scan# 564

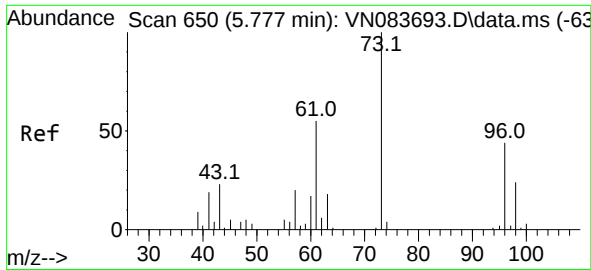
Delta R.T. 0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

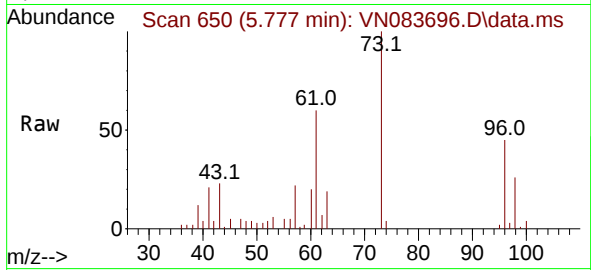
Tgt Ion:	84	Resp:	39683
Ion	Ratio	Lower	Upper
84	100		
49	125.4	86.0	129.0
51	35.3	30.0	45.0
86	57.5	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 19.556 ug/l
RT: 5.777 min Scan# 619
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

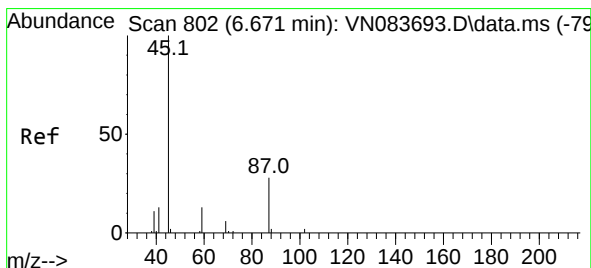
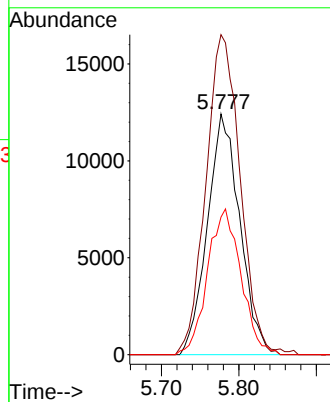
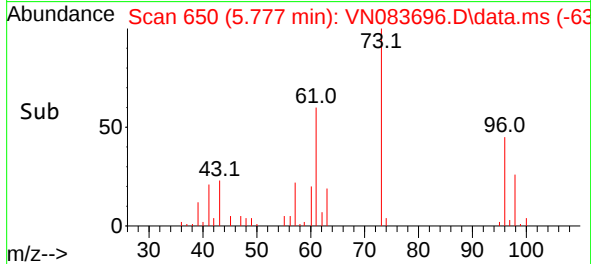
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 96 Resp: 36192
Ion Ratio Lower Upper
96 100
61 130.6 111.8 167.6
98 57.2 49.2 73.8

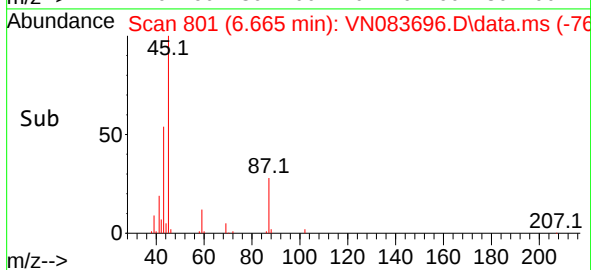
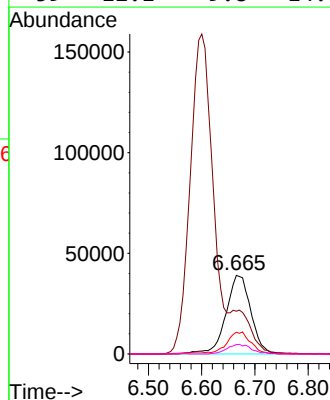
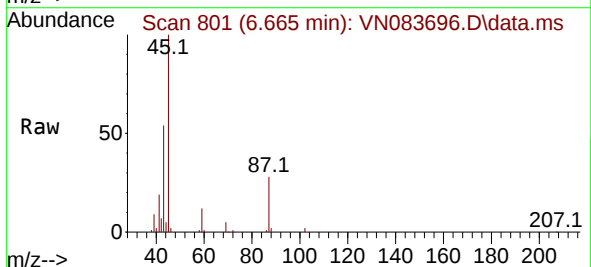
Manual Integrations
APPROVED

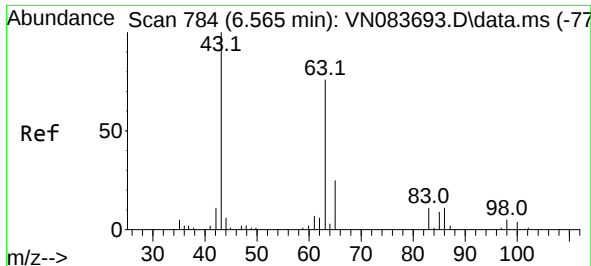
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#20
Diisopropyl ether
Concen: 20.003 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 45 Resp: 126490
Ion Ratio Lower Upper
45 100
43 52.9 40.4 60.6
87 27.8 23.8 35.8
59 12.1 9.8 14.6





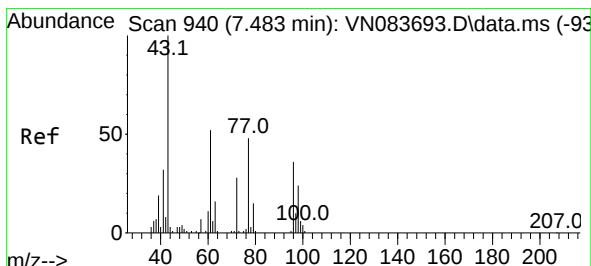
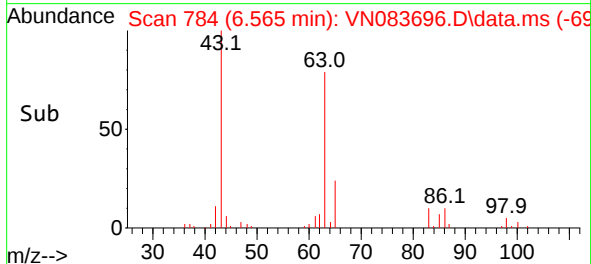
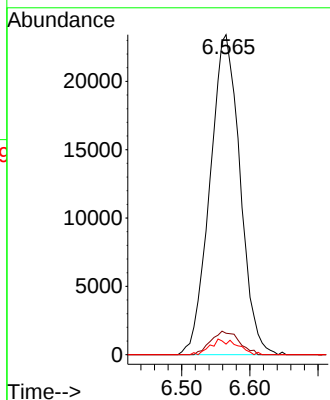
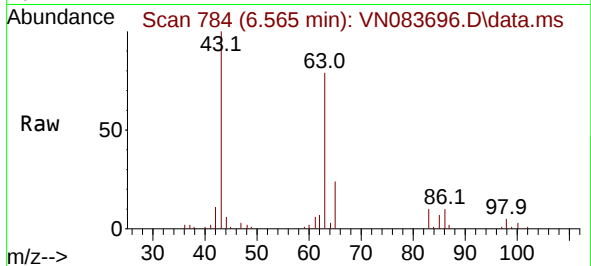
#21
1,1-Dichloroethane
Concen: 19.906 ug/l
RT: 6.565 min Scan# 7187
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 63 Resp: 7187
Ion Ratio Lower Upper
63 100
98 6.7 4.1 12.3
100 3.3 3.0 9.0

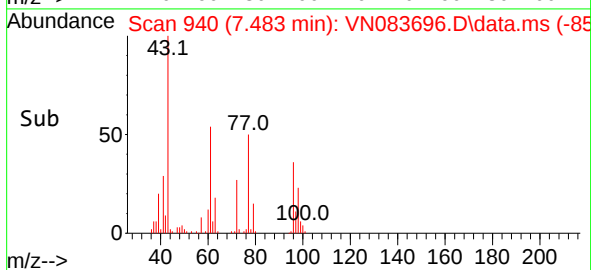
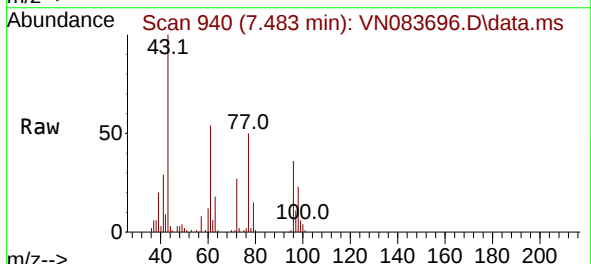
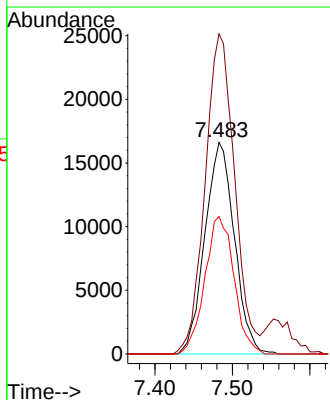
Manual Integrations
APPROVED

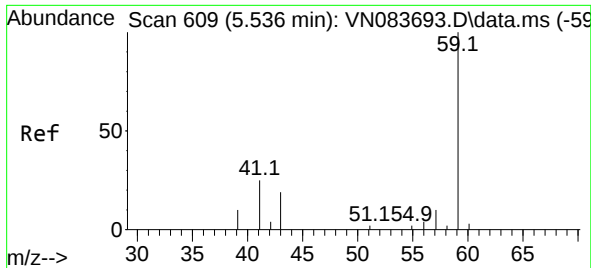
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#22
cis-1,2-Dichloroethene
Concen: 19.534 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

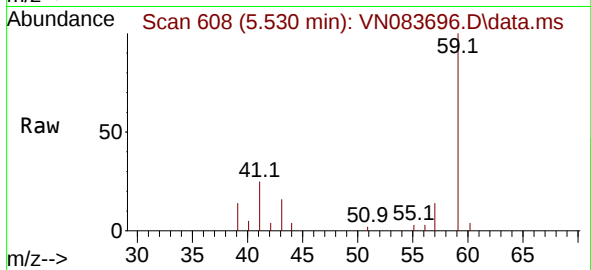
Tgt Ion: 96 Resp: 43999
Ion Ratio Lower Upper
96 100
61 151.3 113.5 170.3
98 64.1 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 100.806 ug/l m
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

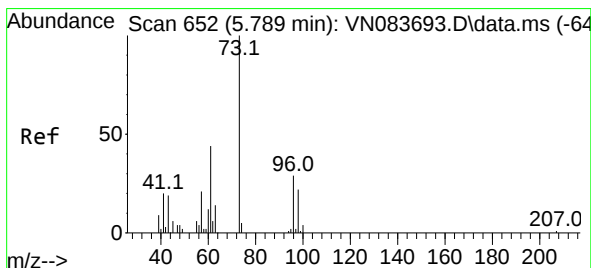
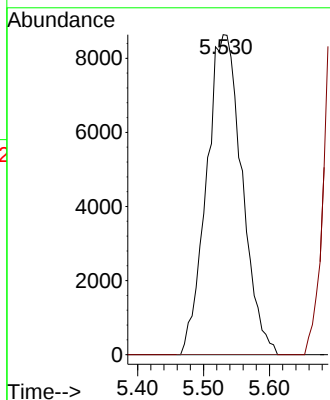
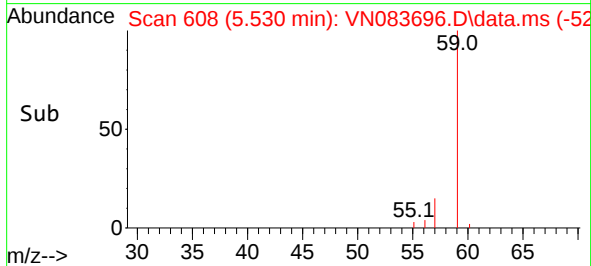
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



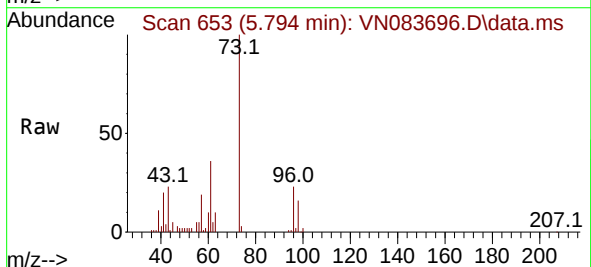
Tgt Ion: 59 Resp: 3223
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

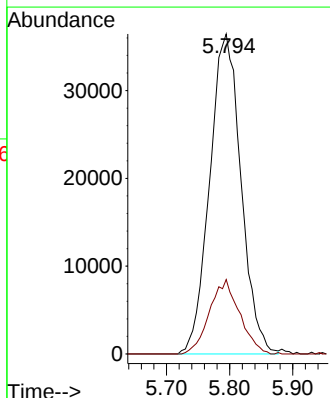
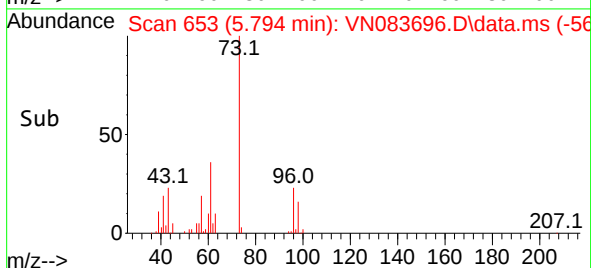
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

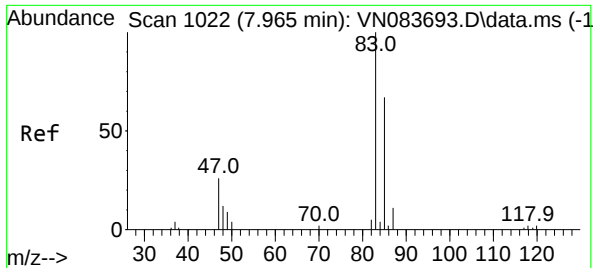


#24
Methyl tert-Butyl Ether
Concen: 19.784 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



Tgt Ion: 73 Resp: 125538
Ion Ratio Lower Upper
73 100
43 22.4 13.4 20.2#





#25

Chloroform

Concen: 19.288 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

Tgt Ion: 83 Resp: 73798

Ion Ratio Lower Upper

83 100

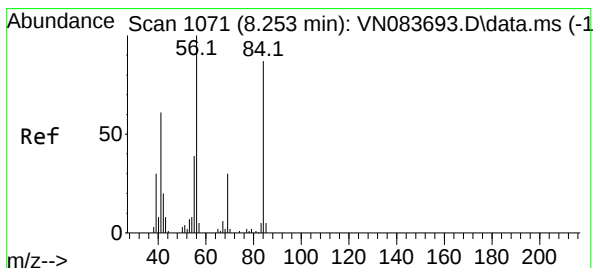
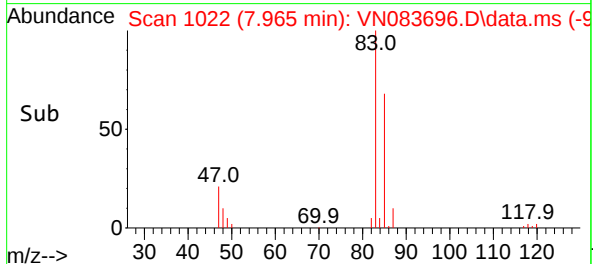
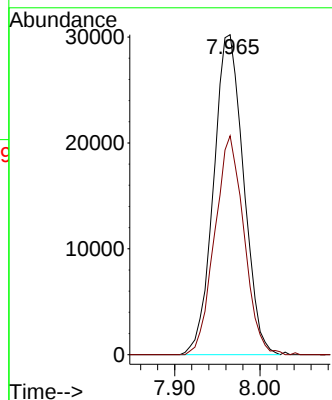
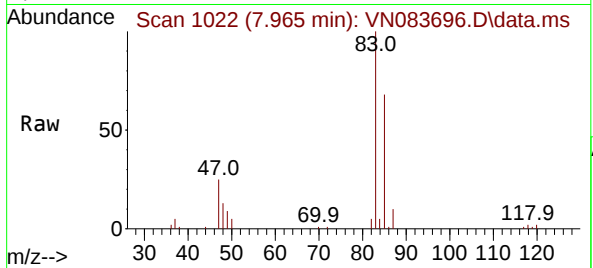
85 68.4 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#26

Cyclohexane

Concen: 19.696 ug/l

RT: 8.247 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

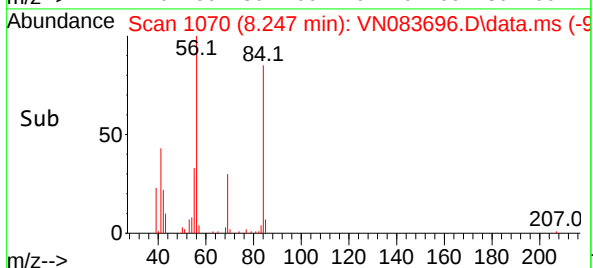
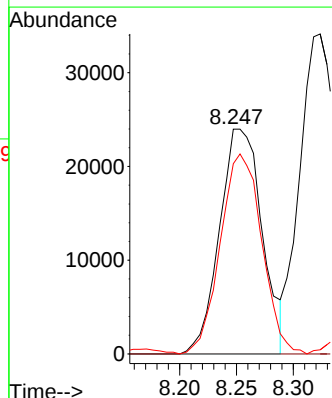
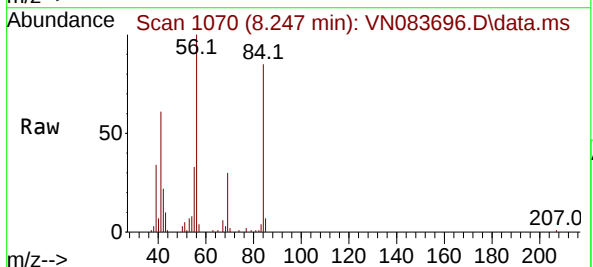
Tgt Ion: 56 Resp: 62633

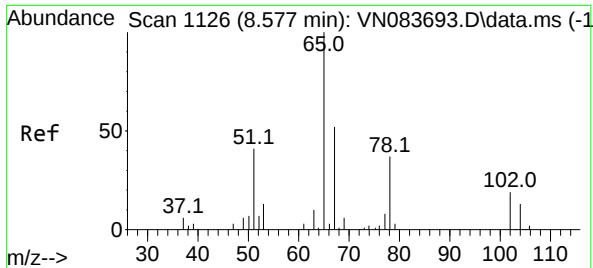
Ion Ratio Lower Upper

56 100

89 0.0 19.3 28.9#

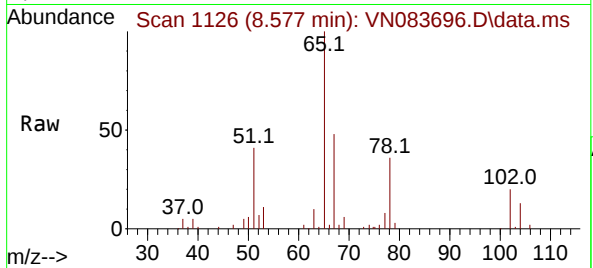
84 86.4 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.199 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

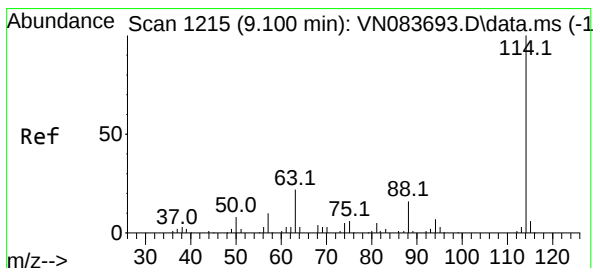
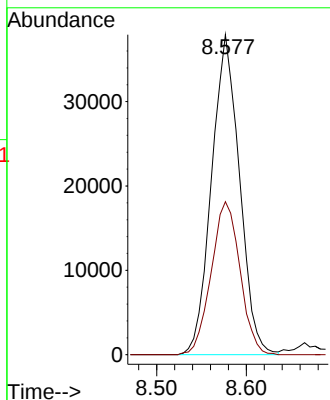
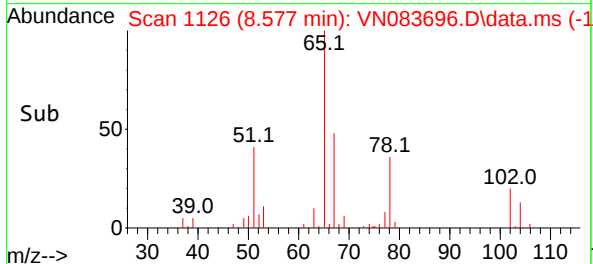
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



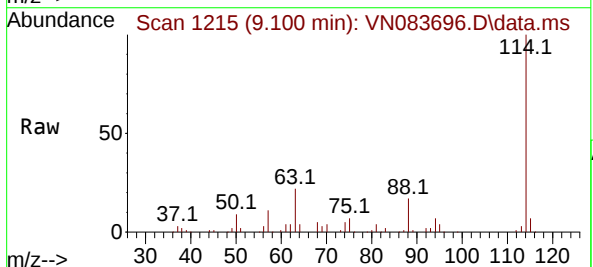
Tgt Ion: 65 Resp: 8193
Ion Ratio Lower Upper
65 100
67 49.2 43.2 64.8

Manual Integrations
APPROVED

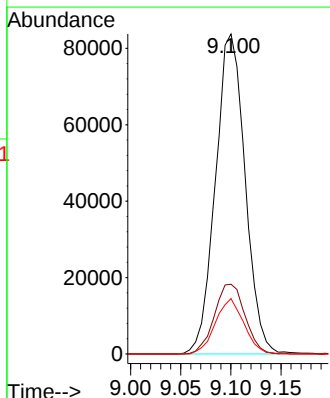
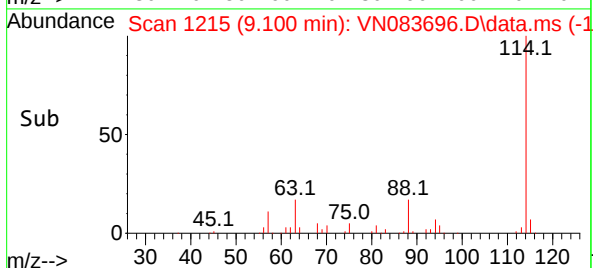
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



Tgt Ion:114 Resp: 172207
Ion Ratio Lower Upper
114 100
63 22.5 15.9 23.9
88 16.5 12.7 19.1





#29

1,1-Dichloropropene

Concen: 18.387 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

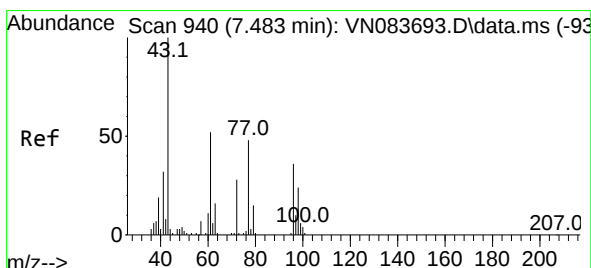
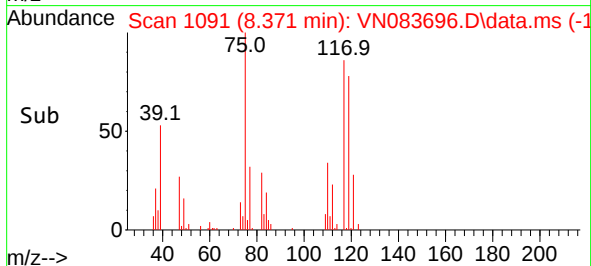
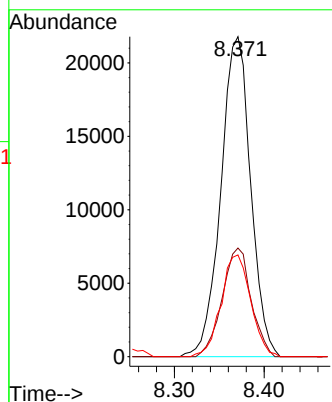
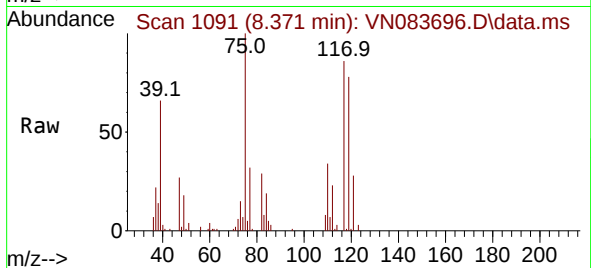
Tgt Ion: 75	Resp: 5022
Ion Ratio	Lower Upper
75 100	
110 33.0	0.0 70.2
77 31.6	0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#30

2-Butanone

Concen: 94.432 ug/l

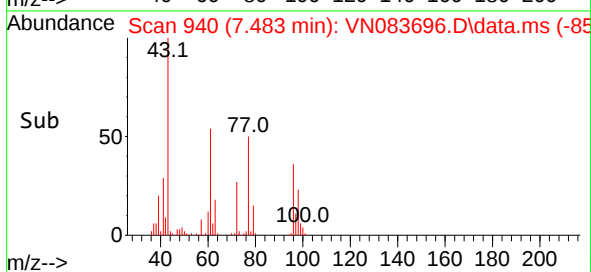
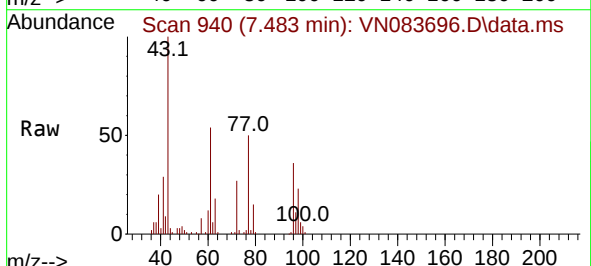
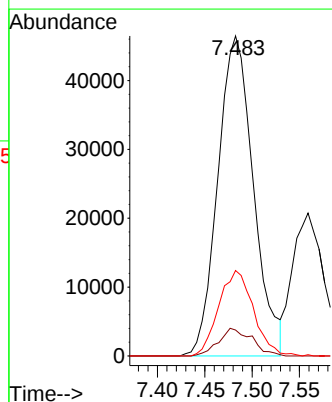
RT: 7.483 min Scan# 940

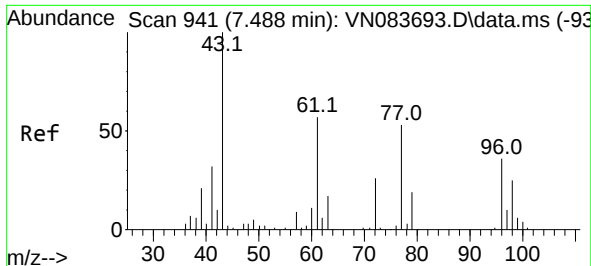
Delta R.T. 0.000 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Tgt Ion: 43	Resp: 121587
Ion Ratio	Lower Upper
43 100	
57 6.2	6.7 10.1#
72 25.9	24.0 36.0





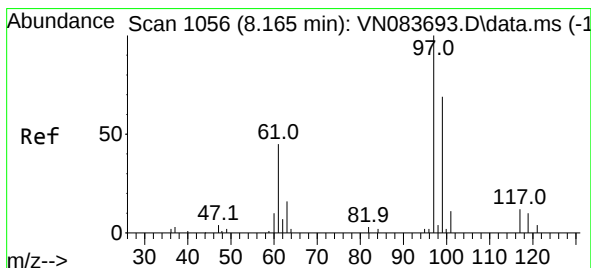
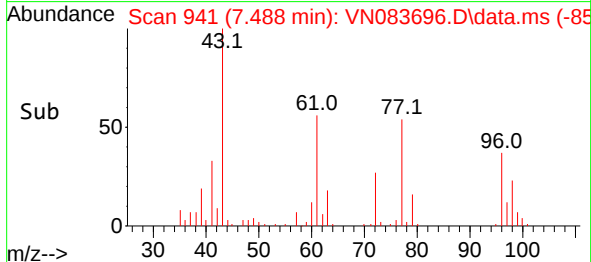
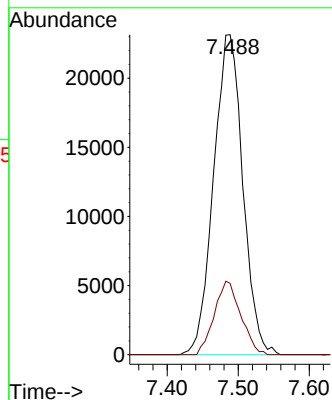
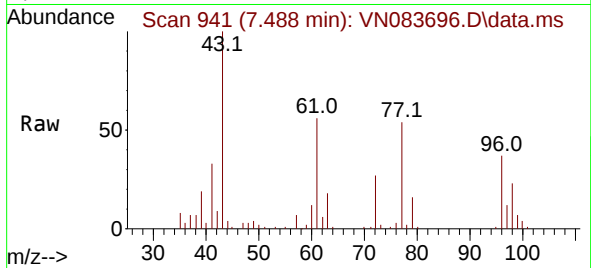
#31
2,2-Dichloropropane
Concen: 18.969 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 77 Resp: 6605
Ion Ratio Lower Upper
77 100
97 20.7 18.3 27.5

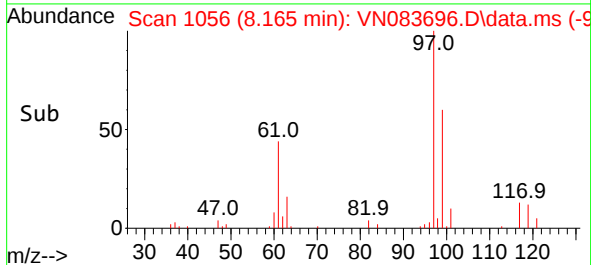
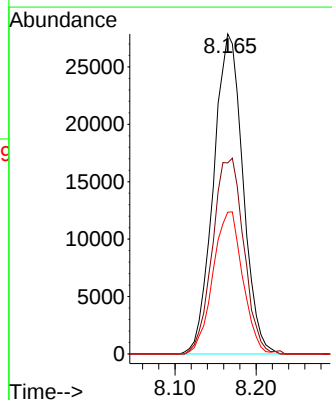
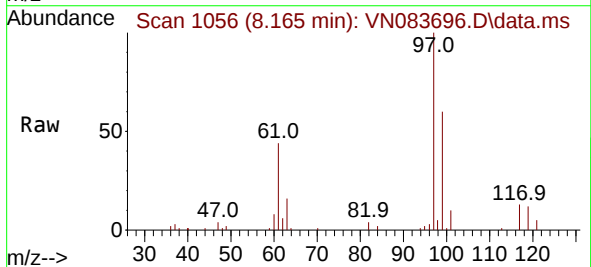
Manual Integrations
APPROVED

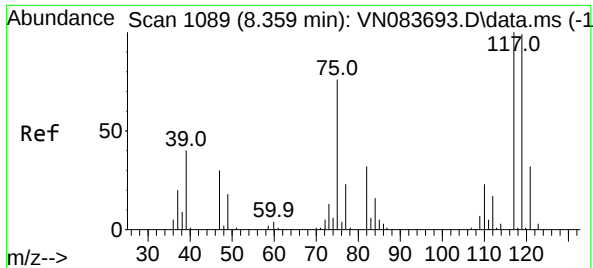
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#32
1,1,1-Trichloroethane
Concen: 19.242 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

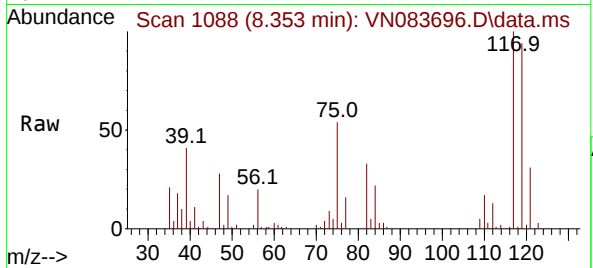
Tgt Ion: 97 Resp: 70190
Ion Ratio Lower Upper
97 100
99 64.7 51.0 76.4
61 44.9 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.649 ug/l
RT: 8.353 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

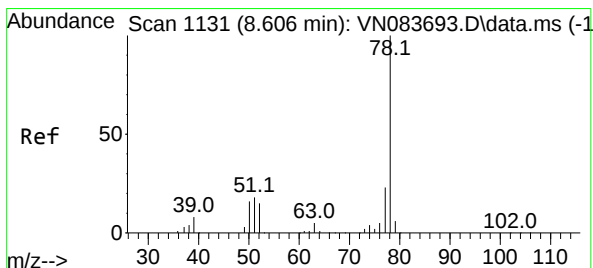
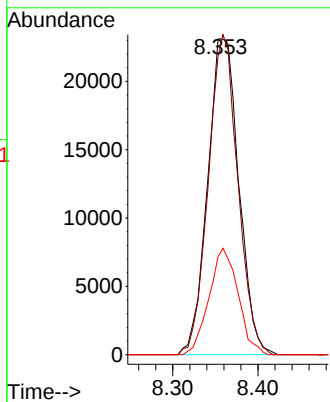
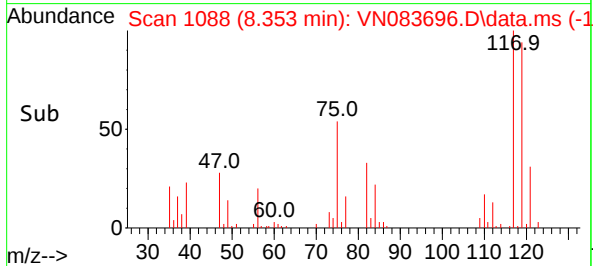
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 117 Resp: 5891
Ion Ratio Lower Upper
117 100
119 94.4 77.7 116.5
121 31.1 27.0 40.6

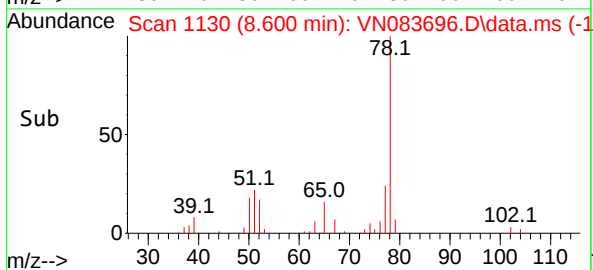
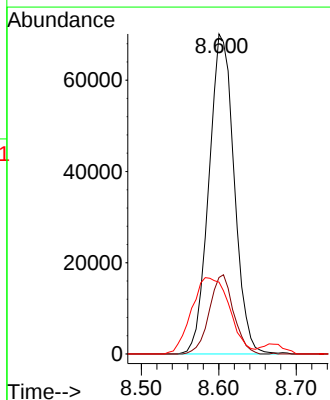
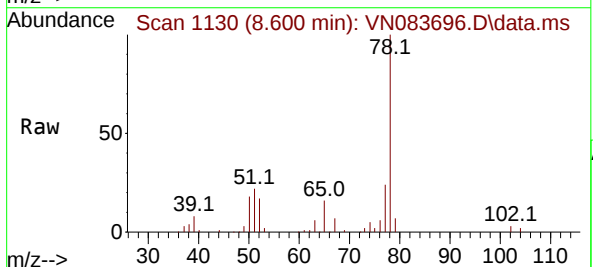
Manual Integrations
APPROVED

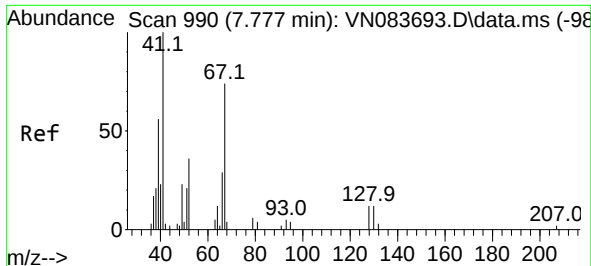
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#34
Benzene
Concen: 19.354 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

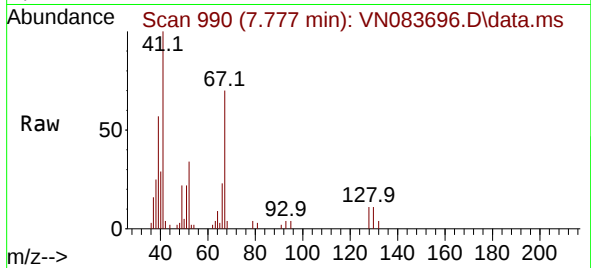
Tgt Ion: 78 Resp: 158620
Ion Ratio Lower Upper
78 100
77 23.9 19.2 28.8
51 19.4 13.3 19.9





#35
Methacrylonitrile
Concen: 18.788 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

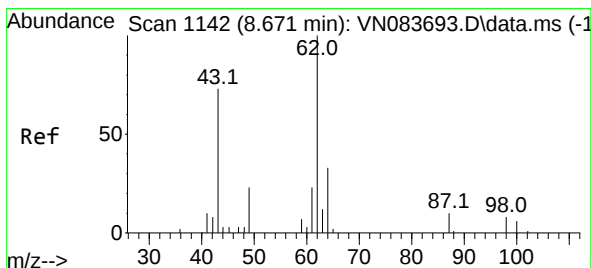
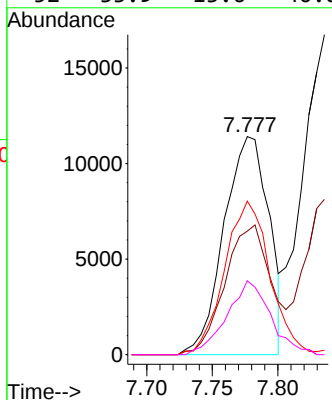
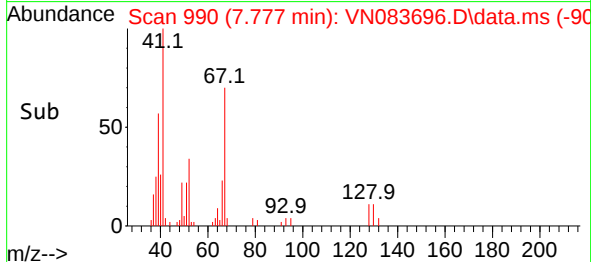
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 41 Resp: 27194
Ion Ratio Lower Upper
41 100
39 56.6 25.3 75.9
67 70.4 38.7 116.1
52 33.9 13.6 40.8

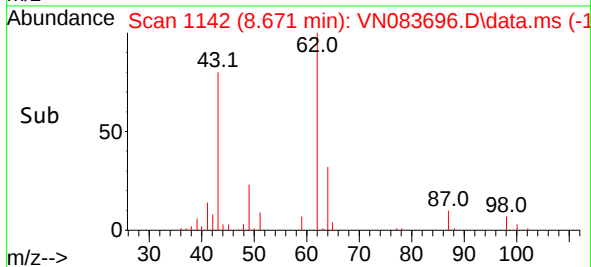
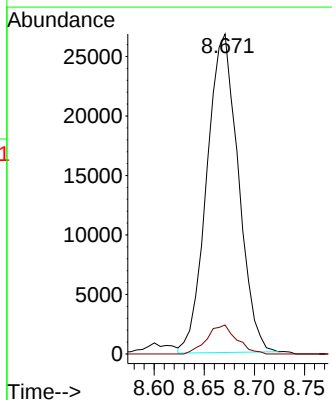
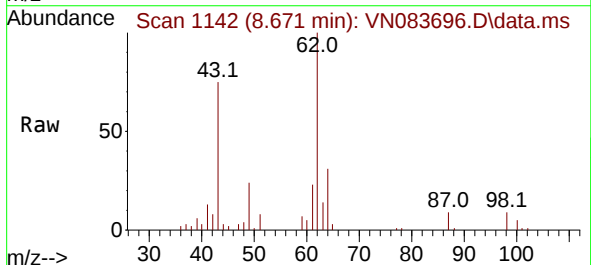
Manual Integrations
APPROVED

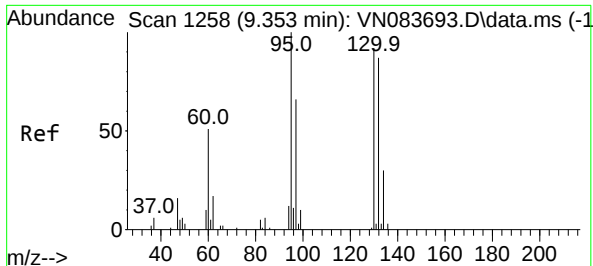
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#36
1,2-Dichloroethane
Concen: 18.987 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 62 Resp: 58498
Ion Ratio Lower Upper
62 100
98 8.6 8.2 12.4





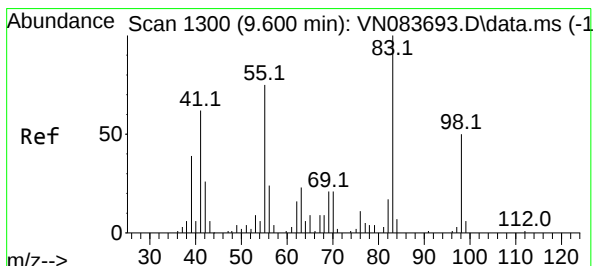
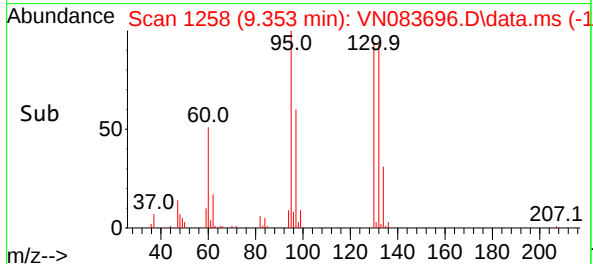
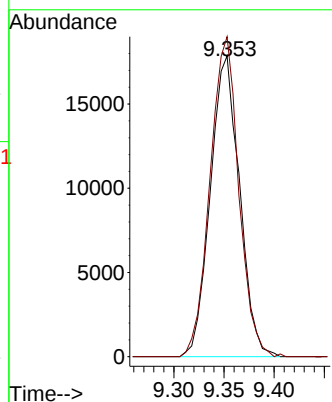
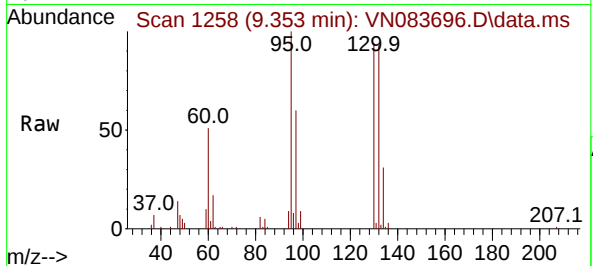
#37
Trichloroethene
Concen: 18.768 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:130 Resp: 36120
Ion Ratio Lower Upper
130 100
95 106.4 80.2 120.4

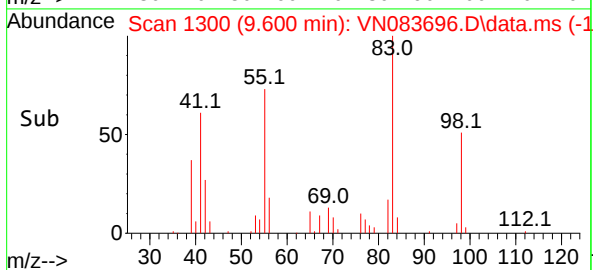
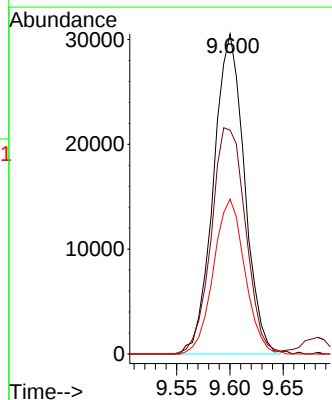
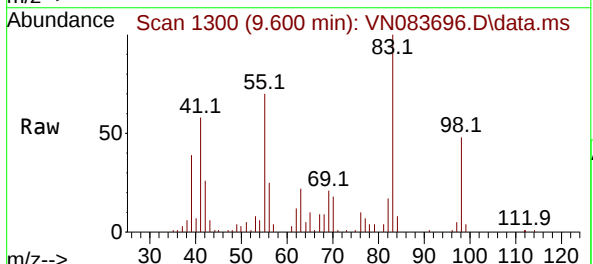
Manual Integrations
APPROVED

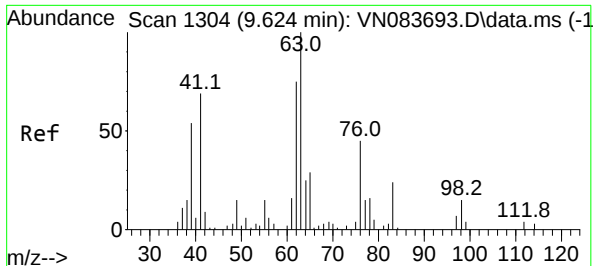
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#38
Methylcyclohexane
Concen: 18.854 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 83 Resp: 61655
Ion Ratio Lower Upper
83 100
55 78.1 36.6 109.9
98 49.0 23.8 71.5





#39

1,2-Dichloropropane

Concen: 19.109 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

Tgt Ion: 63 Resp: 37692

Ion Ratio Lower Upper

63 100

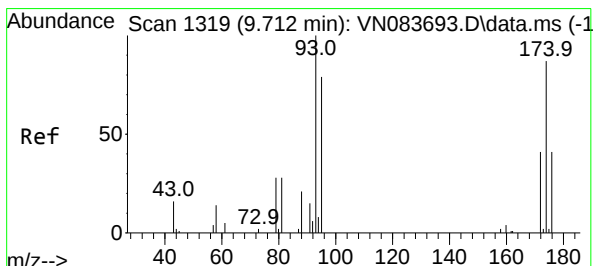
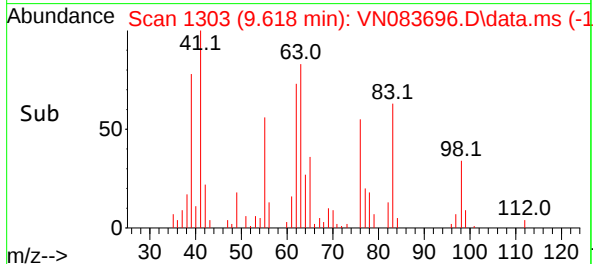
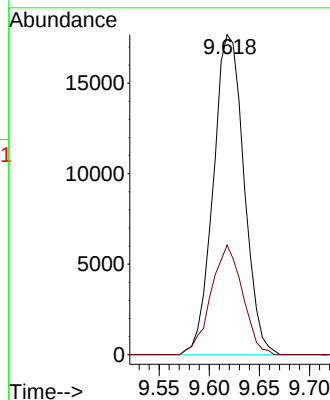
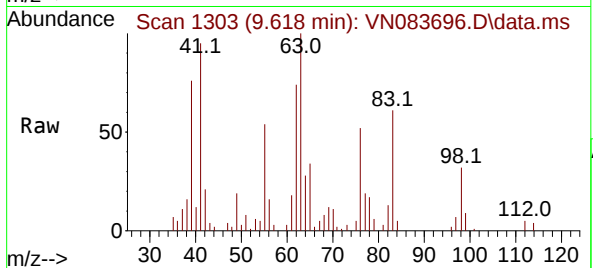
65 34.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#40

Dibromomethane

Concen: 19.090 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

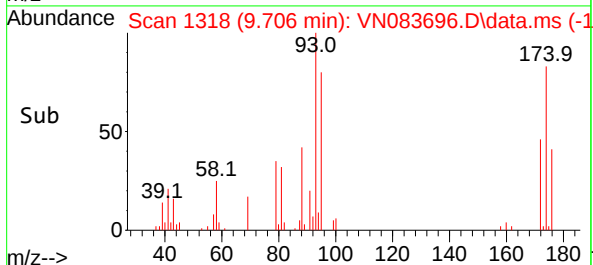
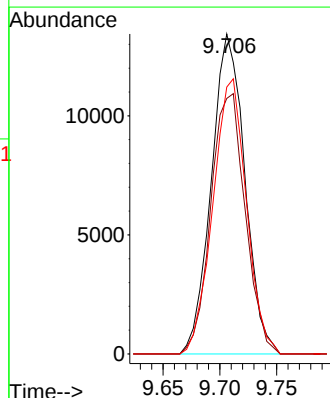
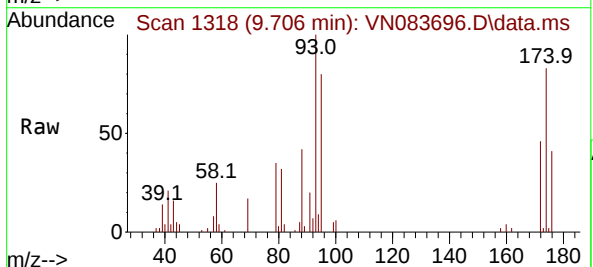
Tgt Ion: 93 Resp: 27532

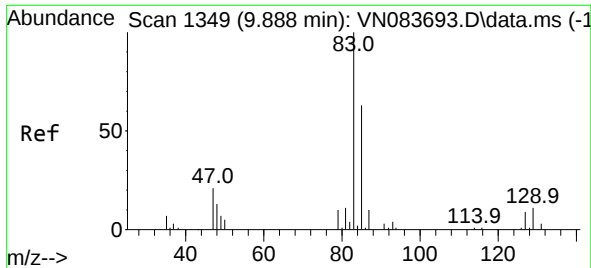
Ion Ratio Lower Upper

93 100

95 83.7 0.0 164.6

174 86.0 0.0 193.2





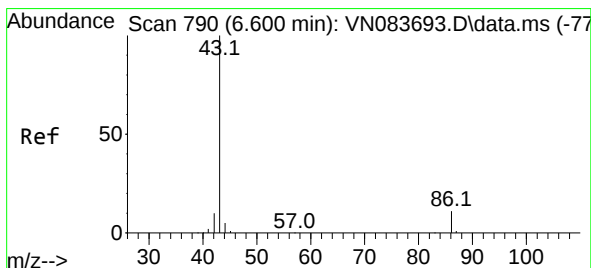
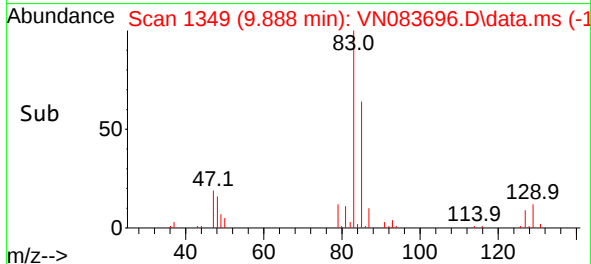
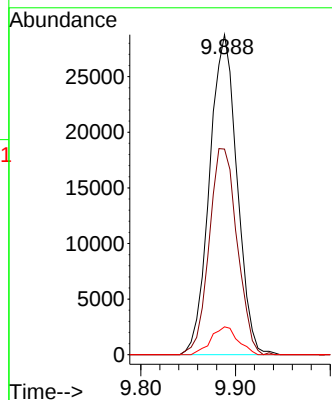
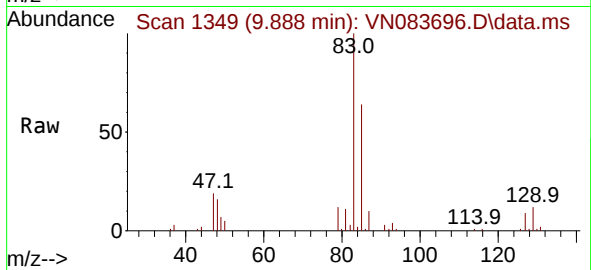
#41
Bromodichloromethane
Concen: 18.942 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 83 Resp: 58094
Ion Ratio Lower Upper
83 100
85 64.3 49.4 74.2
127 8.7 7.3 10.9

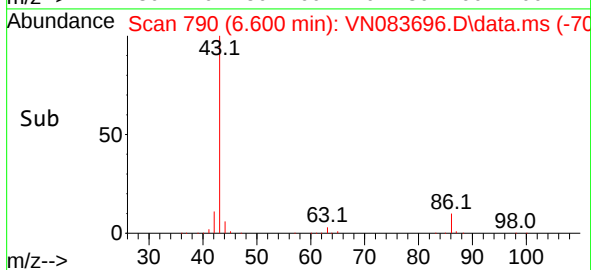
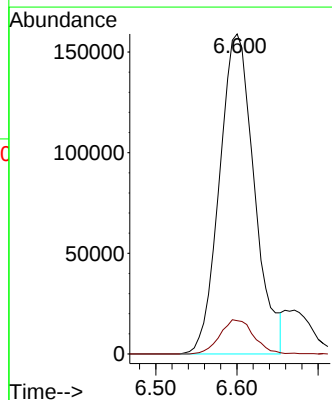
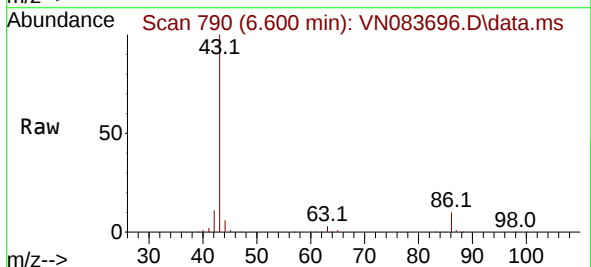
Manual Integrations
APPROVED

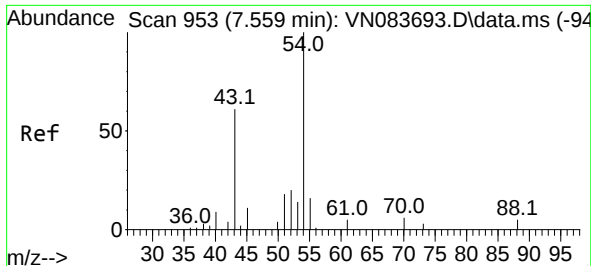
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#42
Vinyl Acetate
Concen: 89.635 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

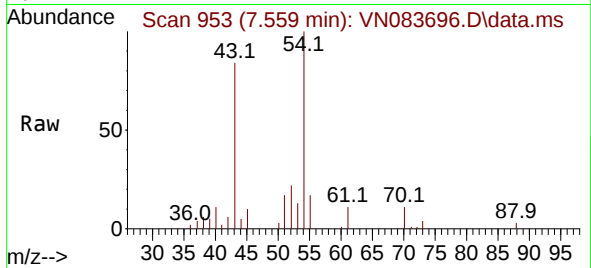
Tgt Ion: 43 Resp: 474515
Ion Ratio Lower Upper
43 100
86 10.3 9.4 14.2





#43
Ethyl Acetate
Concen: 19.080 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

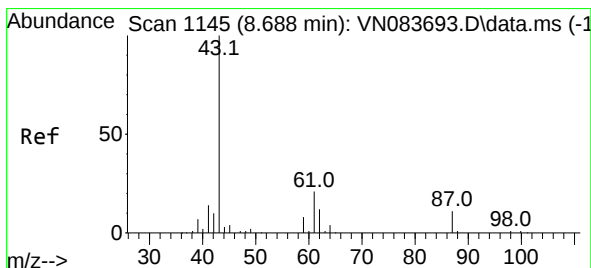
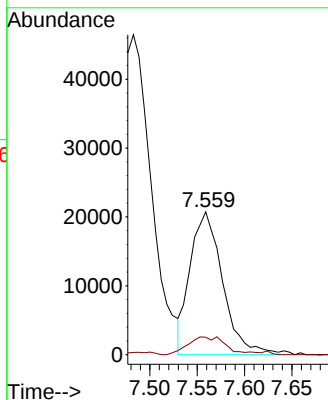
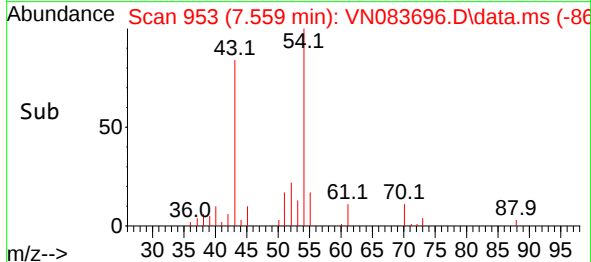
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 43 Resp: 49448
Ion Ratio Lower Upper
43 100
45 9.2 10.6 15.8

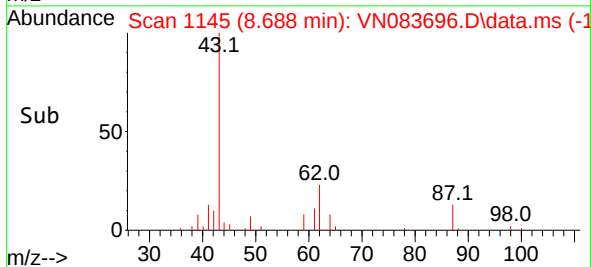
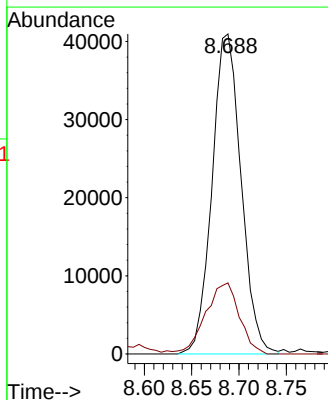
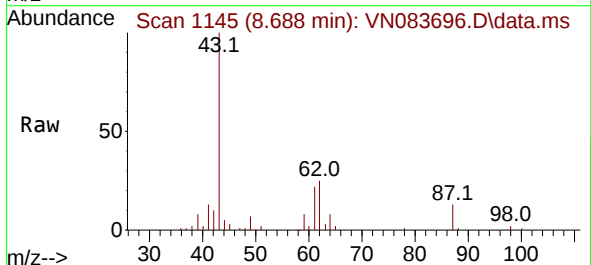
Manual Integrations
APPROVED

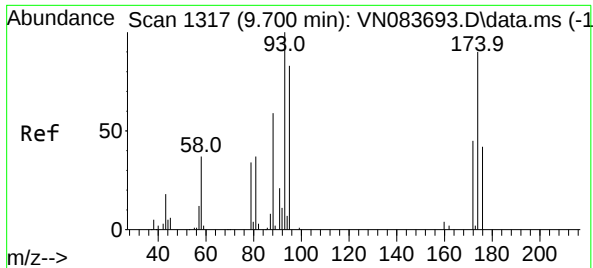
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#44
Isopropyl Acetate
Concen: 19.497 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

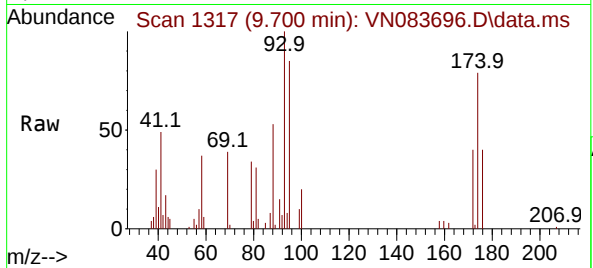
Tgt Ion: 43 Resp: 87394
Ion Ratio Lower Upper
43 100
61 25.7 25.0 37.4





#45
1,4-Dioxane
Concen: 422.239 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

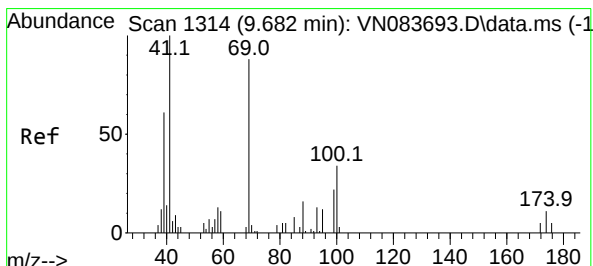
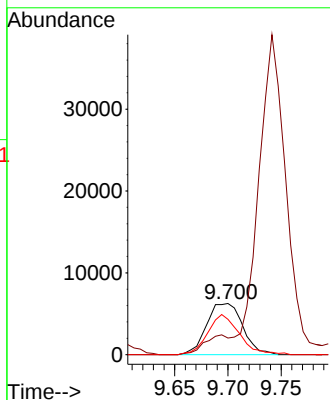
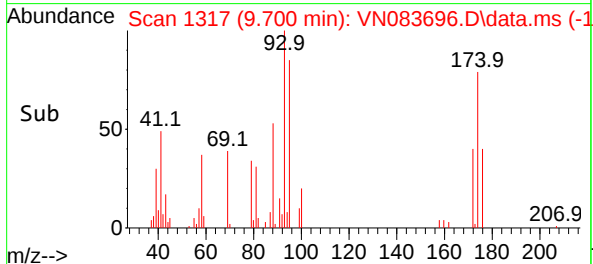
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



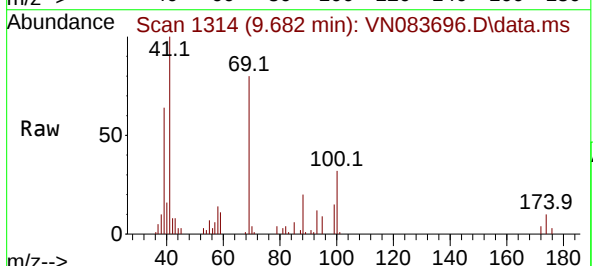
Tgt Ion: 88 Resp: 14762
Ion Ratio Lower Upper
88 100
43 26.0 19.8 29.6
58 68.9 55.4 83.0

Manual Integrations
APPROVED

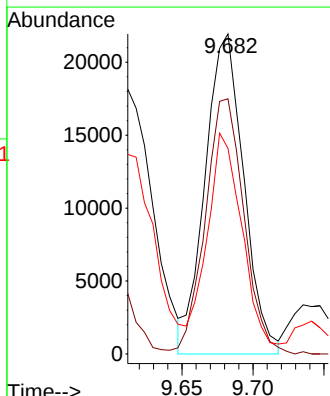
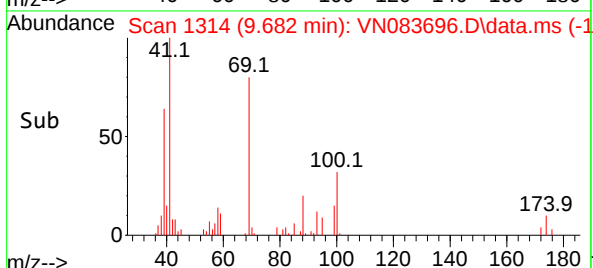
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

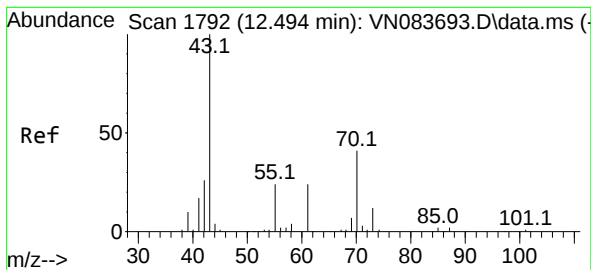


#46
Methyl methacrylate
Concen: 19.135 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



Tgt Ion: 41 Resp: 41515
Ion Ratio Lower Upper
41 100
69 81.1 51.1 153.3
39 63.7 25.8 77.3





#47

n-amy1 Acetate

Concen: 19.153 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

Tgt Ion: 43 Resp: 76049

Ion Ratio Lower Upper

43 100

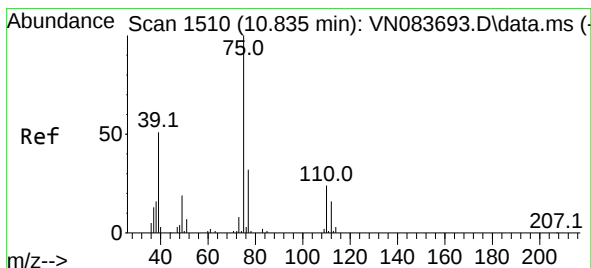
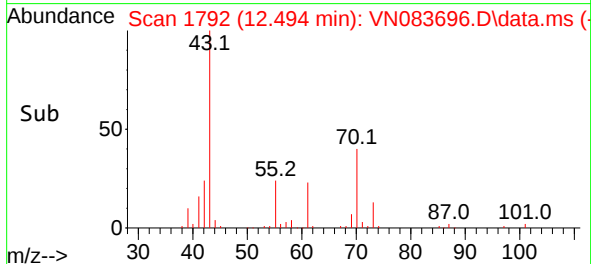
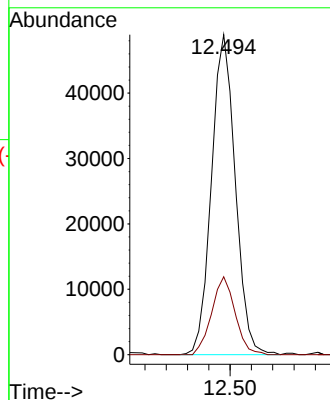
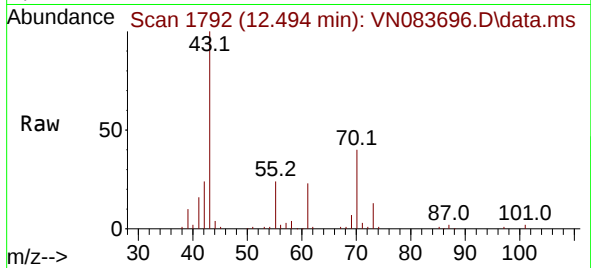
55 24.0 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#48

t-1,3-Dichloropropene

Concen: 18.217 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN083696.D

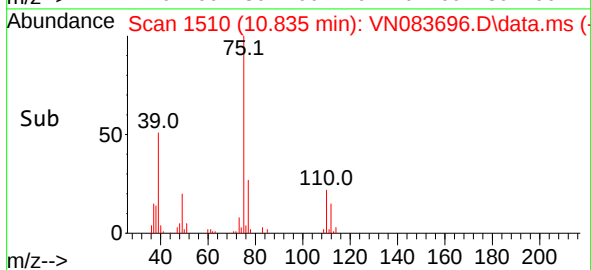
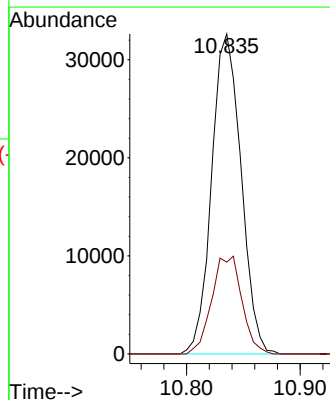
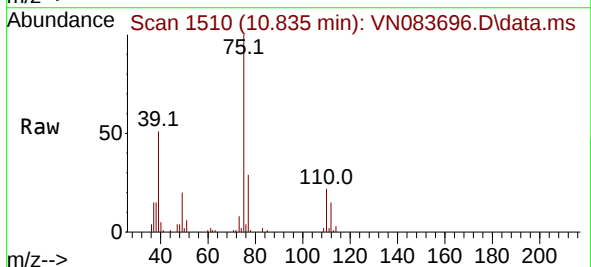
Acq: 06 Sep 2024 15:13

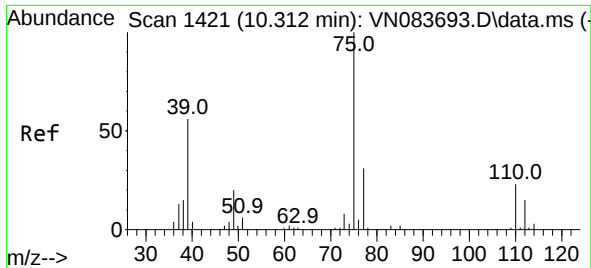
Tgt Ion: 75 Resp: 58767

Ion Ratio Lower Upper

75 100

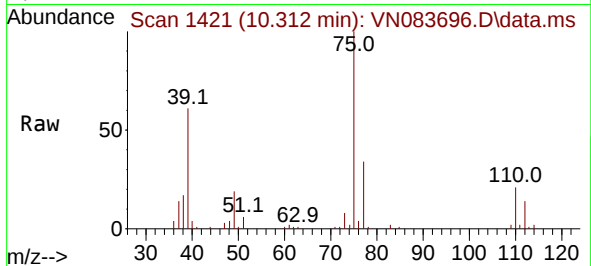
77 28.7 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 18.408 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

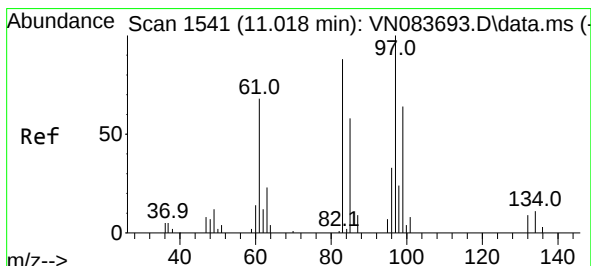
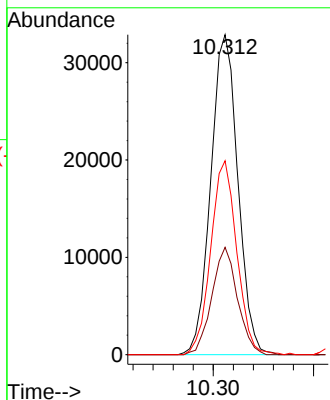
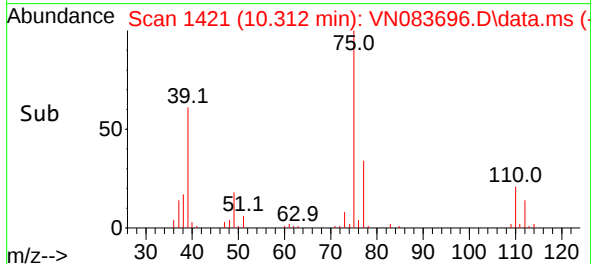
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 75 Resp: 61759
Ion Ratio Lower Upper
75 100
77 33.5 24.9 37.3
39 60.6 31.0 46.6

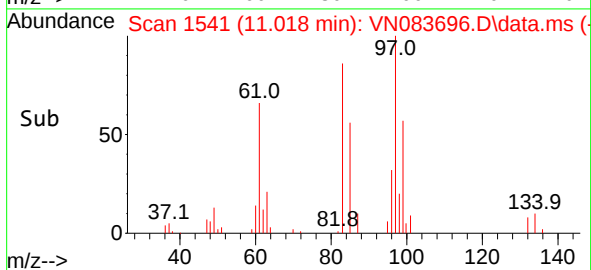
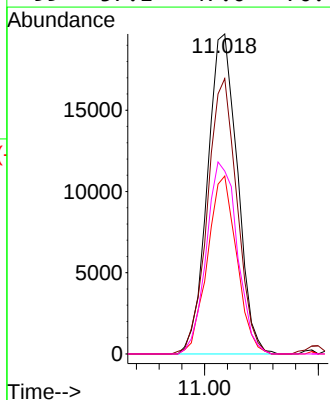
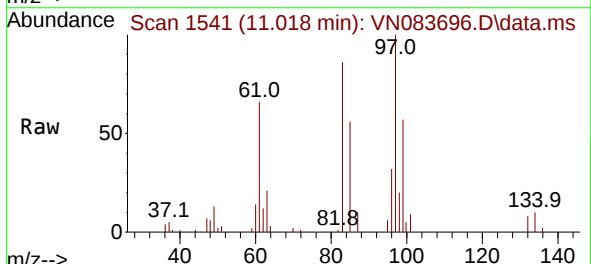
Manual Integrations
APPROVED

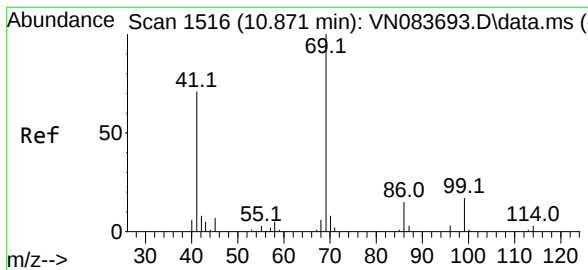
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#50
1,1,2-Trichloroethane
Concen: 19.679 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

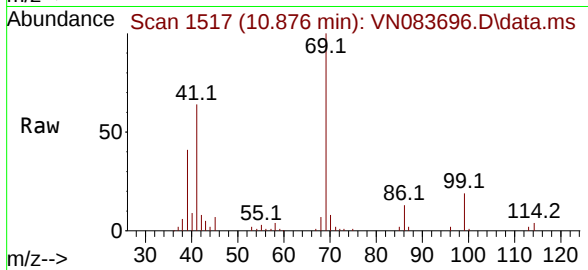
Tgt Ion: 97 Resp: 36114
Ion Ratio Lower Upper
97 100
83 86.1 68.1 102.1
85 55.6 41.8 62.6
99 57.1 47.0 70.4





#51
Ethyl methacrylate
Concen: 18.961 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

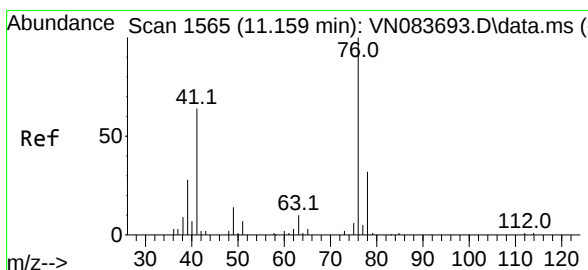
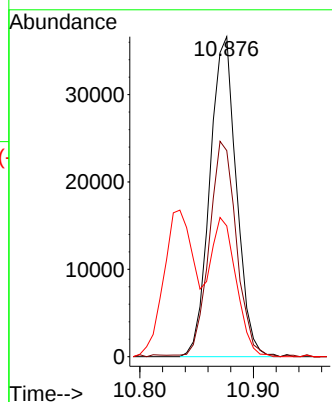
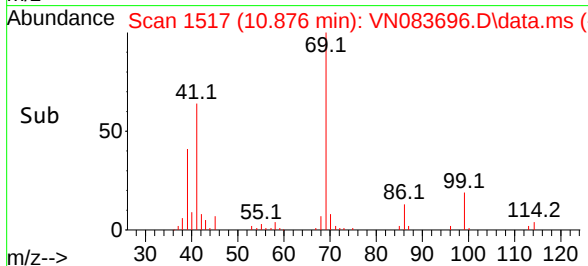
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 69 Resp: 59450
Ion Ratio Lower Upper
69 100
41 64.4 25.5 76.5
39 40.9 16.0 47.9

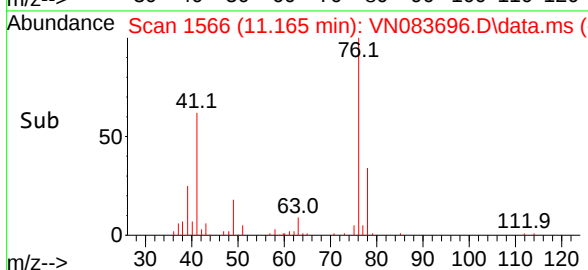
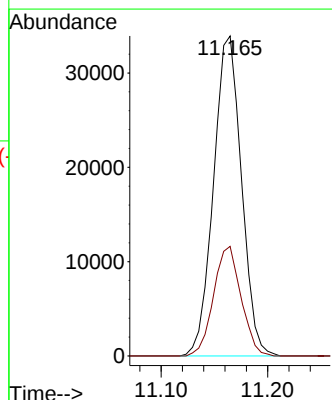
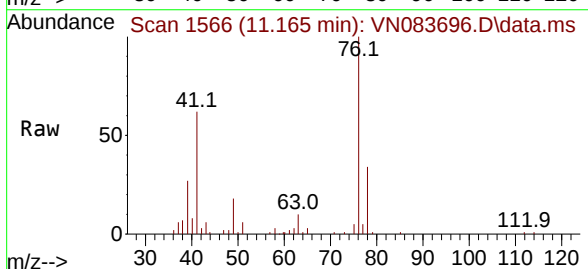
Manual Integrations
APPROVED

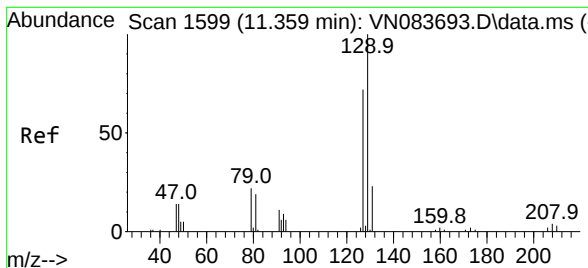
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#52
1,3-Dichloropropane
Concen: 18.629 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 76 Resp: 61738
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.8





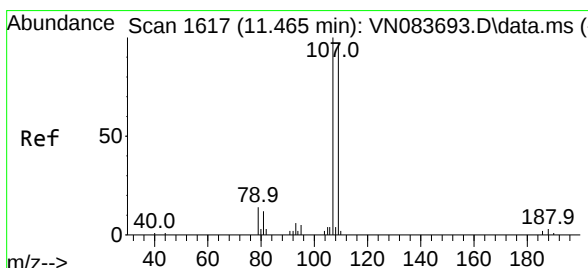
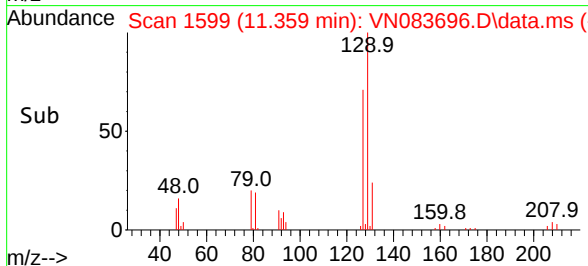
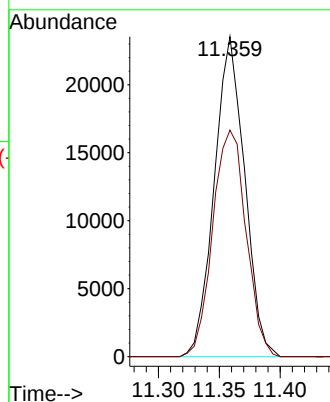
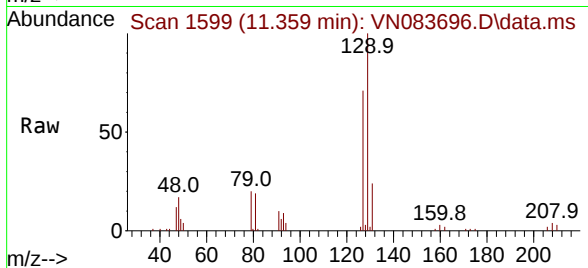
#53
Dibromochloromethane
Concen: 18.565 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:129 Resp: 40860
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1

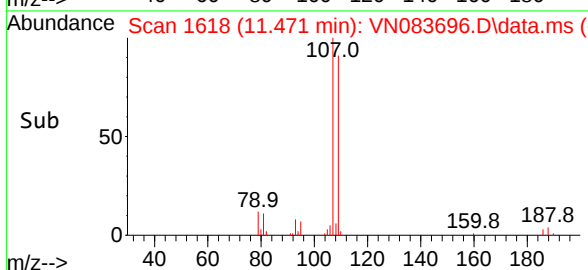
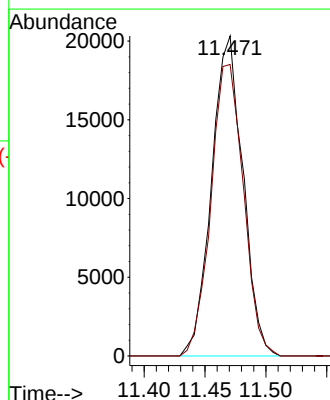
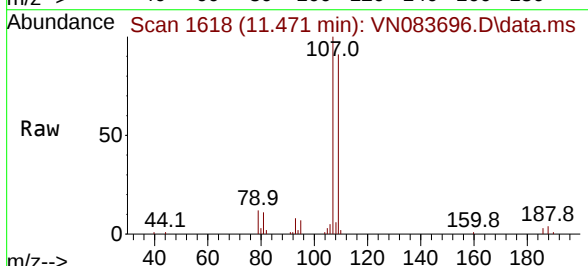
Manual Integrations
APPROVED

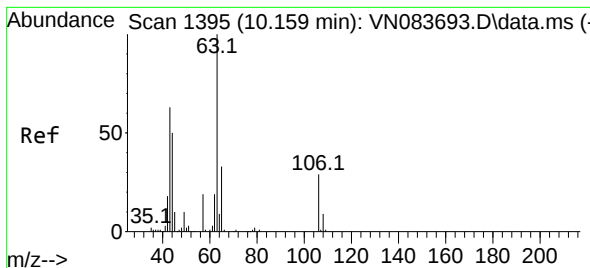
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#54
1,2-Dibromoethane
Concen: 19.178 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion:107 Resp: 36410
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1





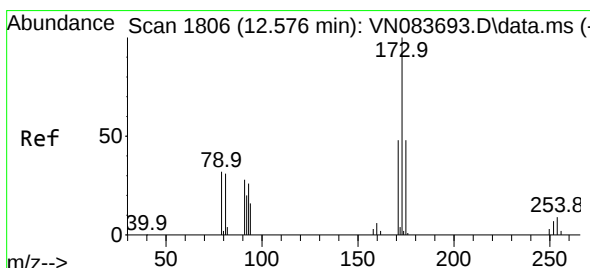
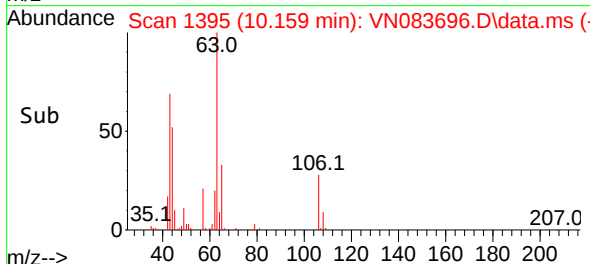
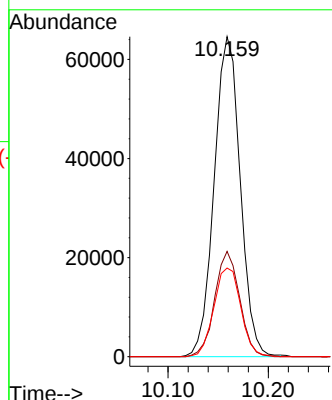
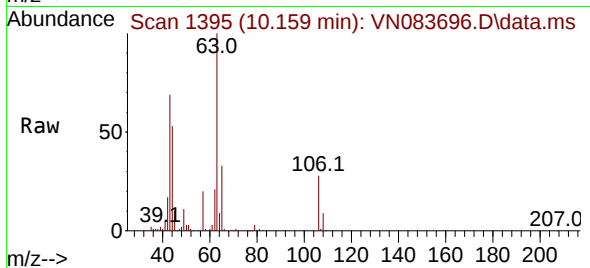
#55
2-Chloroethyl vinyl ether
Concen: 93.323 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 63 Resp: 116609
Ion Ratio Lower Upper
63 100
65 31.4 26.2 39.2
106 28.6 23.8 35.8

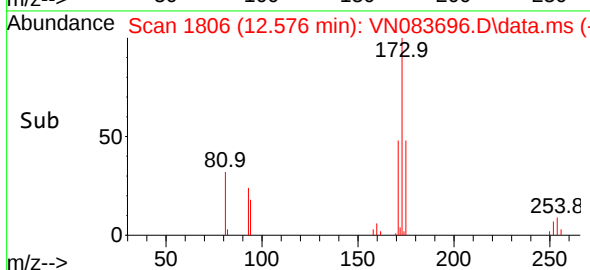
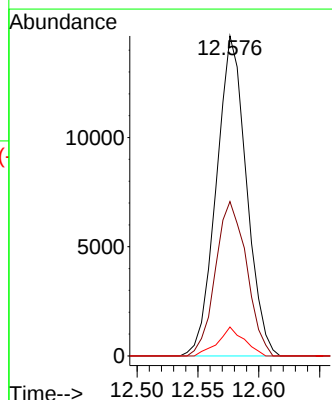
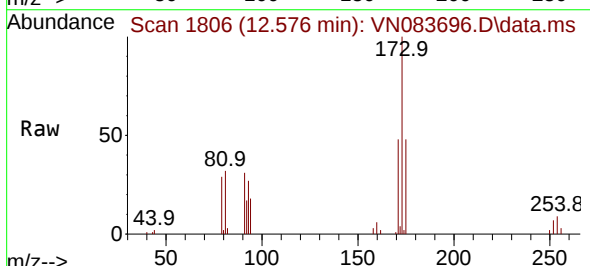
Manual Integrations
APPROVED

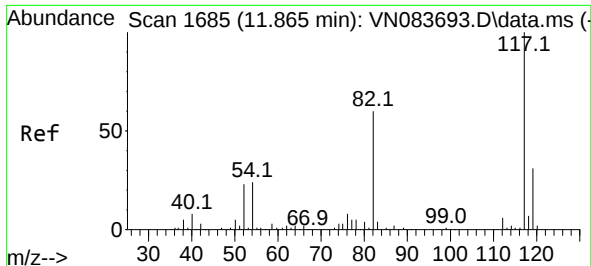
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#56
Bromoform
Concen: 18.043 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

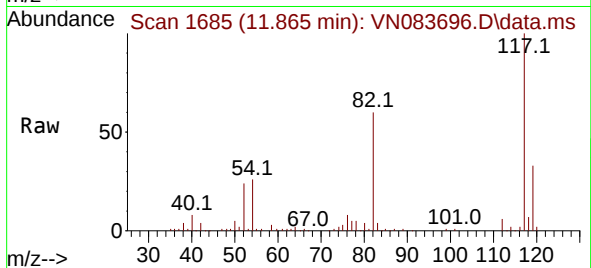
Tgt Ion:173 Resp: 25232
Ion Ratio Lower Upper
173 100
175 49.8 40.0 60.0
254 7.9 8.3 12.5#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

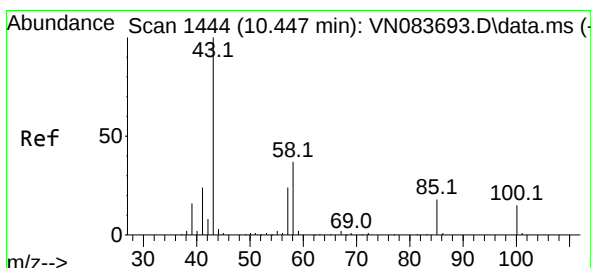
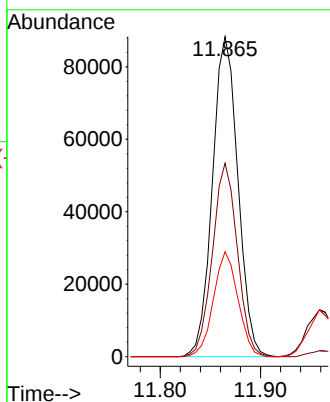
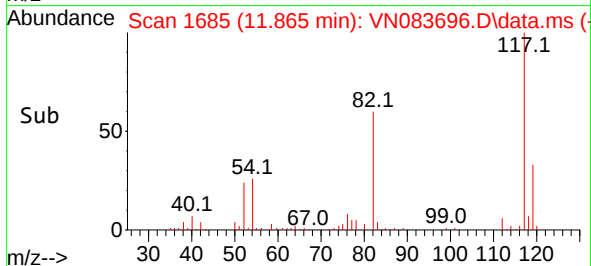
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 117 Resp: 15575
Ion Ratio Lower Upper
117 100
82 59.1 46.6 69.8
119 31.6 25.4 38.2

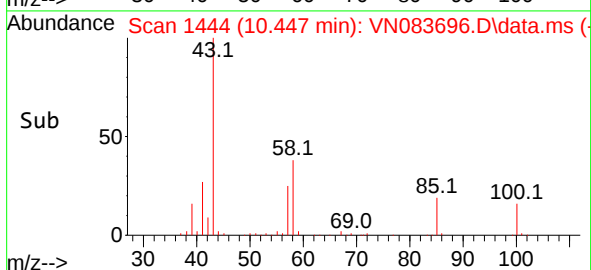
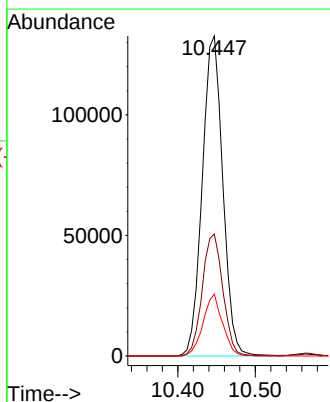
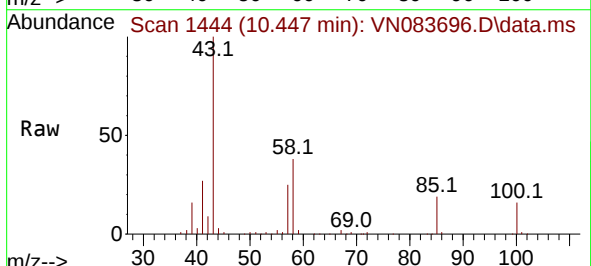
Manual Integrations
APPROVED

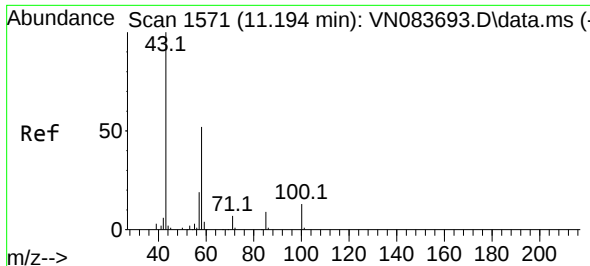
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#58
4-Methyl-2-Pentanone
Concen: 99.034 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

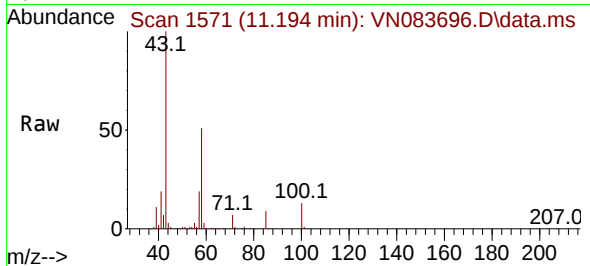
Tgt Ion: 43 Resp: 244576
Ion Ratio Lower Upper
43 100
58 38.3 36.5 54.7
85 18.3 19.5 29.3#





#59
2-Hexanone
Concen: 95.775 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

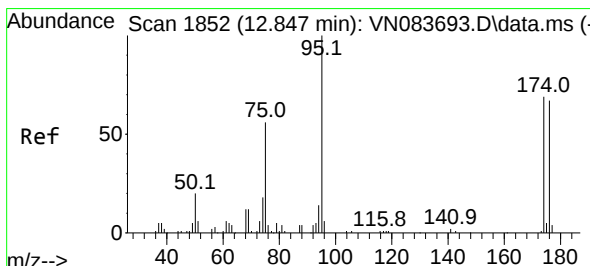
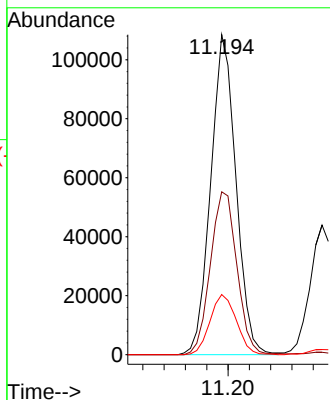
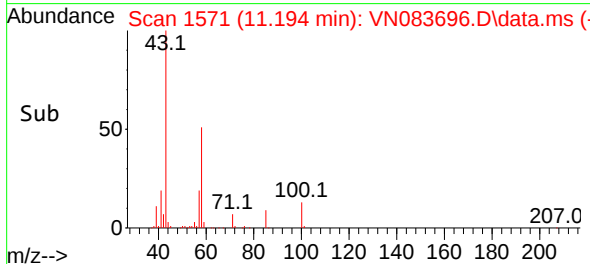
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 43 Resp: 178724
Ion Ratio Lower Upper
43 100
58 53.2 50.4 75.6
57 19.6 18.6 27.8

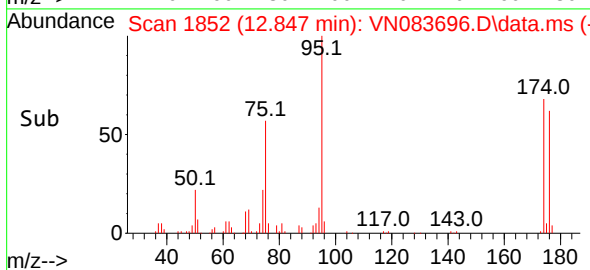
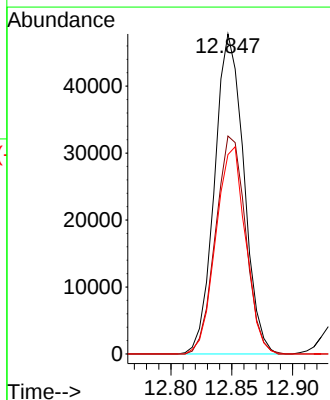
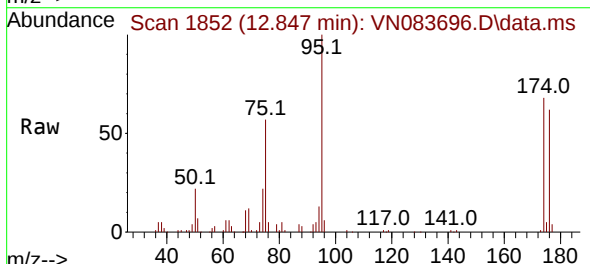
Manual Integrations
APPROVED

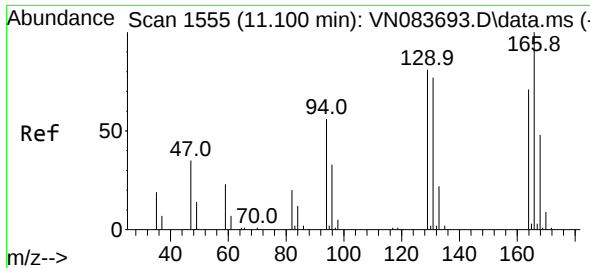
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#60
4-Bromofluorobenzene
Concen: 29.766 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

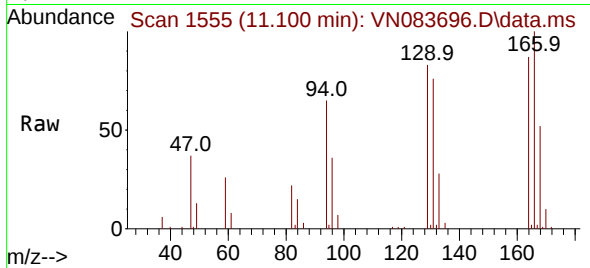
Tgt Ion: 95 Resp: 79901
Ion Ratio Lower Upper
95 100
174 70.0 60.5 90.7
176 66.2 57.8 86.6





#61
Tetrachloroethene
Concen: 19.257 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

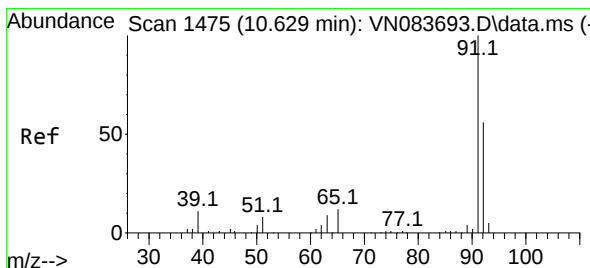
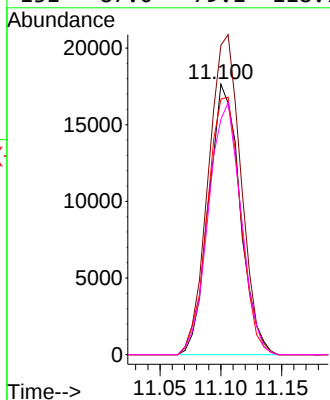
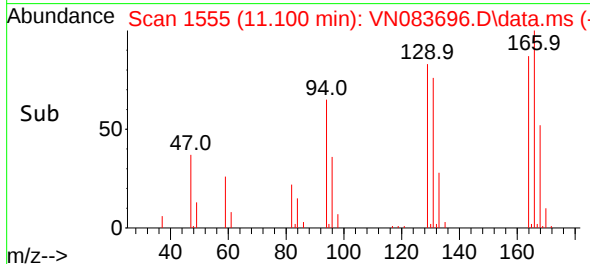
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



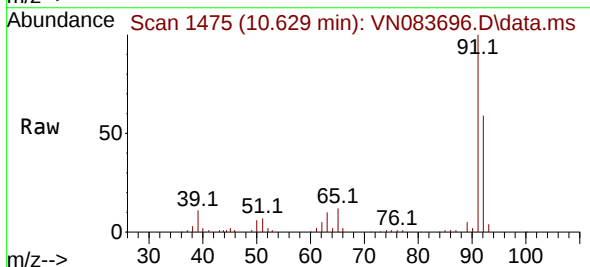
Tgt Ion:164 Resp: 3174
Ion Ratio Lower Upper
164 100
166 114.5 106.7 160.1
129 94.6 85.8 128.6
131 87.0 79.1 118.7

Manual Integrations
APPROVED

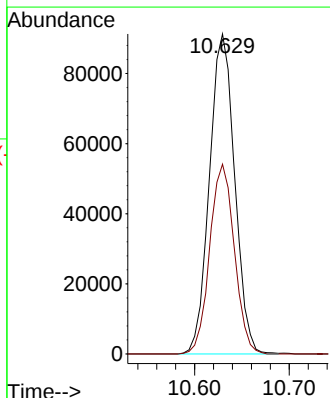
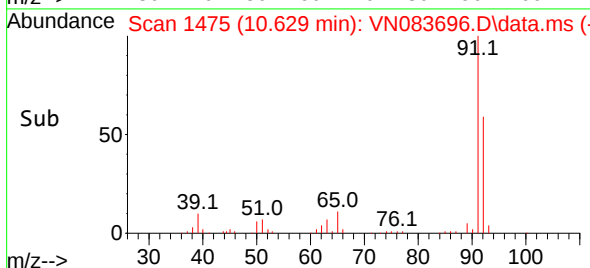
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

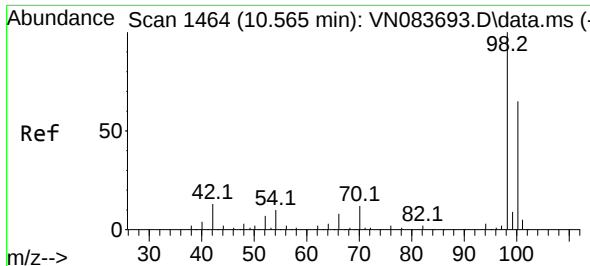


#62
Toluene
Concen: 18.866 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



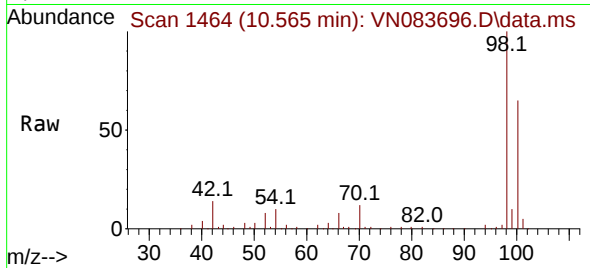
Tgt Ion: 91 Resp: 168899
Ion Ratio Lower Upper
91 100
92 57.8 46.5 69.7





#63
Toluene-d8
Concen: 29.989 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

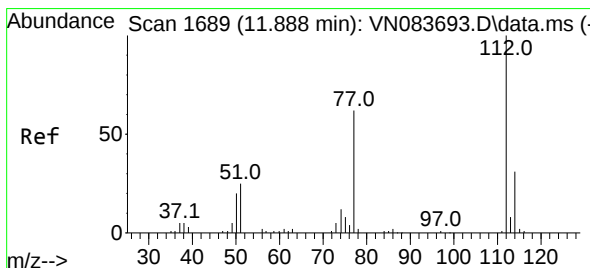
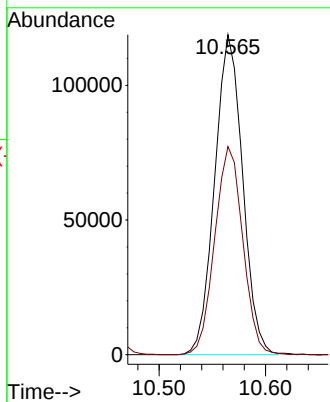
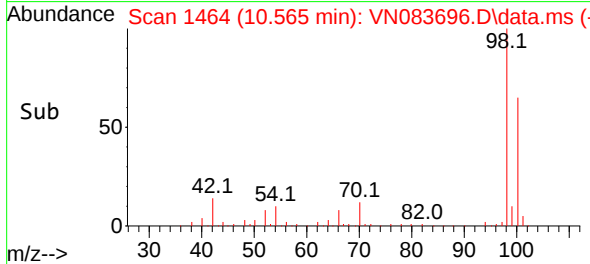
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



Tgt Ion: 98 Resp: 216278
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1

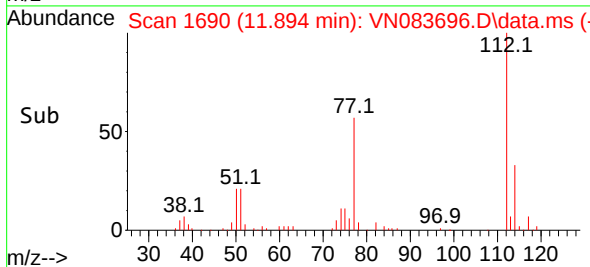
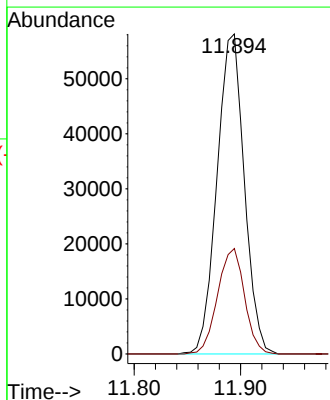
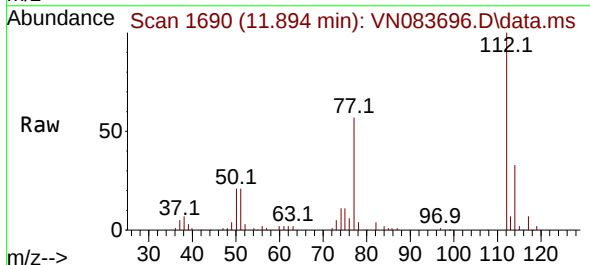
Manual Integrations
APPROVED

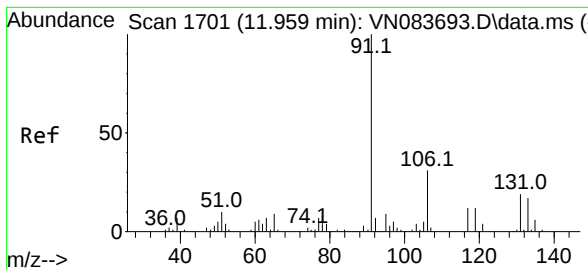
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#64
Chlorobenzene
Concen: 18.657 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion:112 Resp: 103410
Ion Ratio Lower Upper
112 100
114 33.0 26.6 39.8





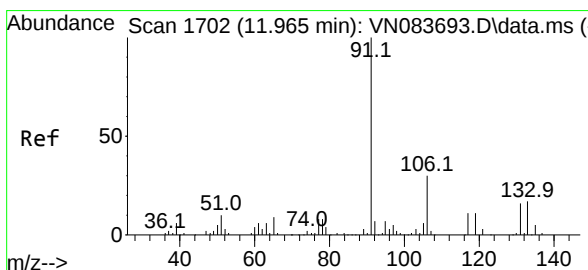
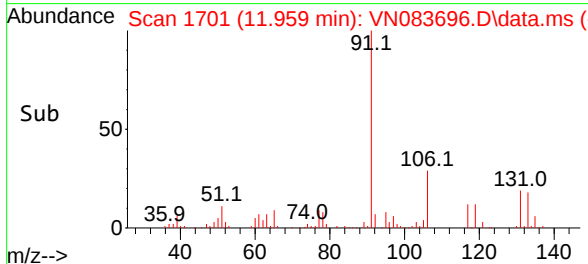
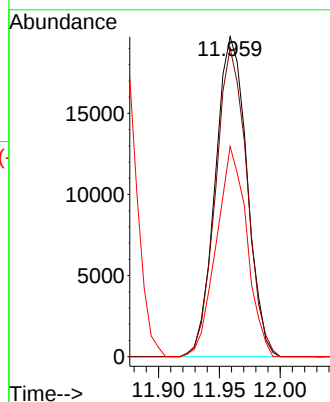
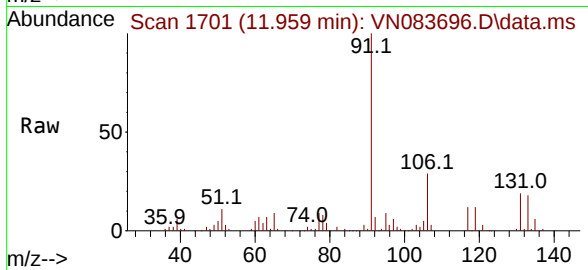
#65
1,1,1,2-Tetrachloroethane
Concen: 18.513 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:131 Resp: 35740
Ion Ratio Lower Upper
131 100
133 95.4 0.0 188.0
119 63.2 0.0 122.8

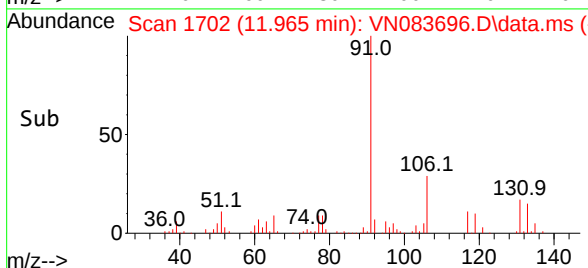
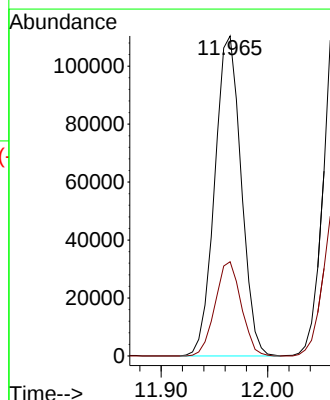
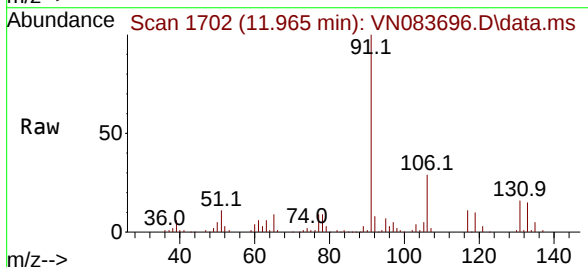
Manual Integrations
APPROVED

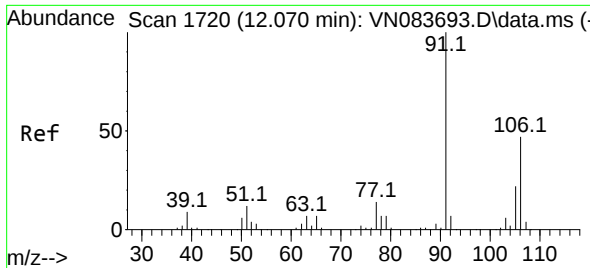
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#66
Ethyl Benzene
Concen: 18.698 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion: 91 Resp: 190360
Ion Ratio Lower Upper
91 100
106 29.5 24.4 36.6





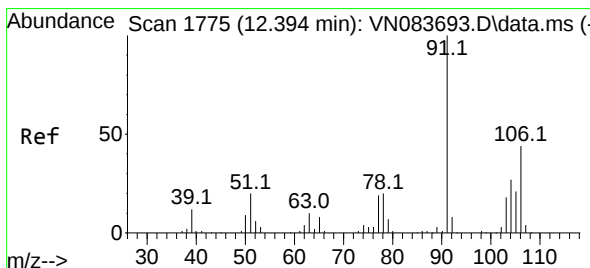
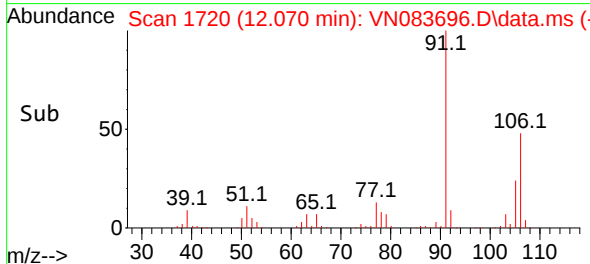
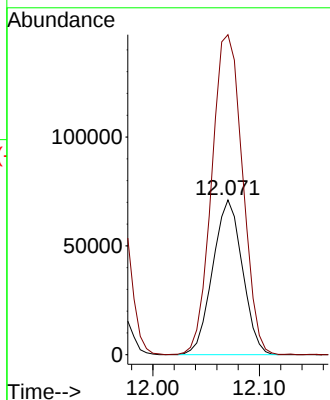
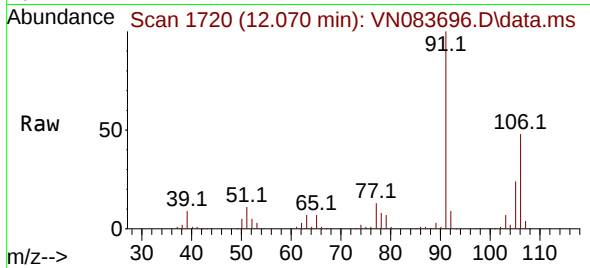
#67
m/p-Xylenes
Concen: 36.824 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:106 Resp: 137924
Ion Ratio Lower Upper
106 100
91 214.3 166.6 249.8

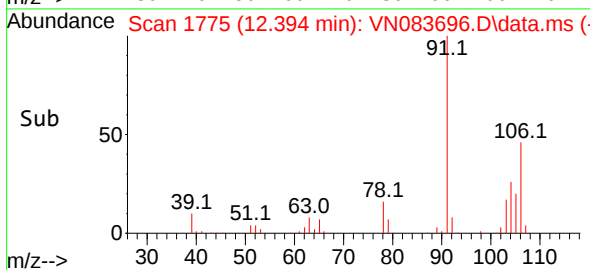
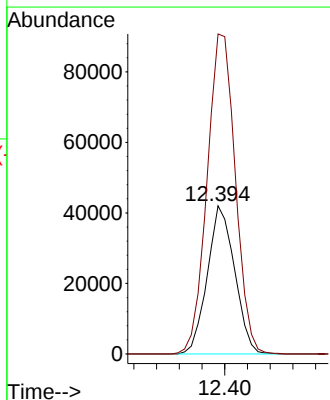
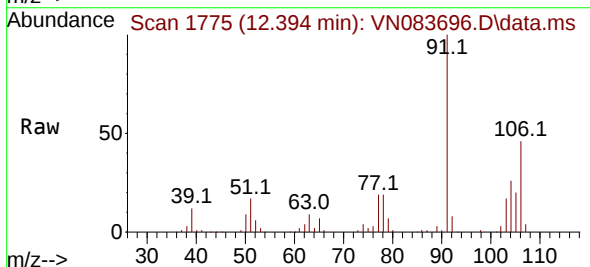
Manual Integrations
APPROVED

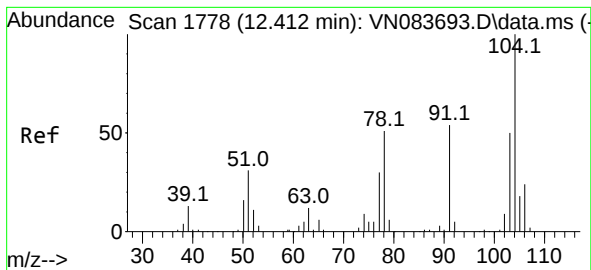
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#68
o-Xylene
Concen: 19.343 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion:106 Resp: 70118
Ion Ratio Lower Upper
106 100
91 223.6 110.0 330.0





#69

Styrene

Concen: 18.590 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

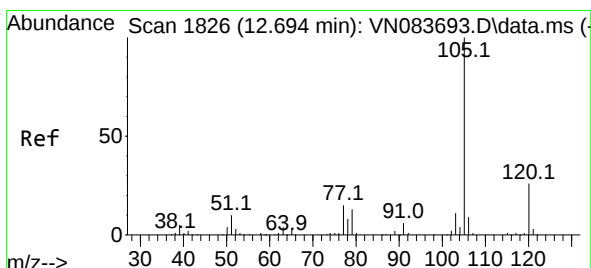
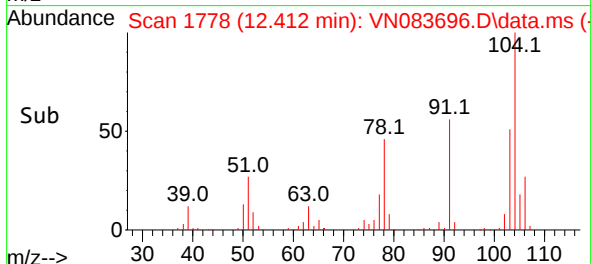
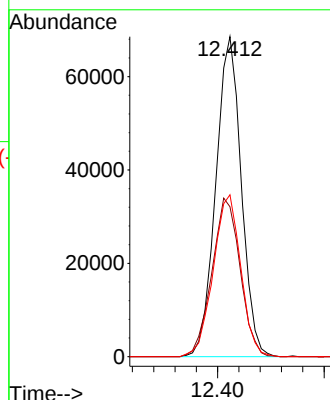
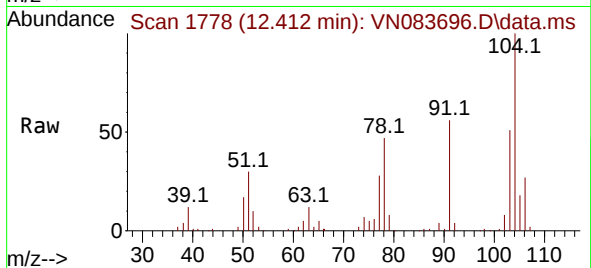
Tgt Ion:104 Resp: 11386
 Ion Ratio Lower Upper
 104 100
 78 54.8 42.6 64.0
 103 54.6 43.7 65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#70

Isopropylbenzene

Concen: 18.718 ug/l

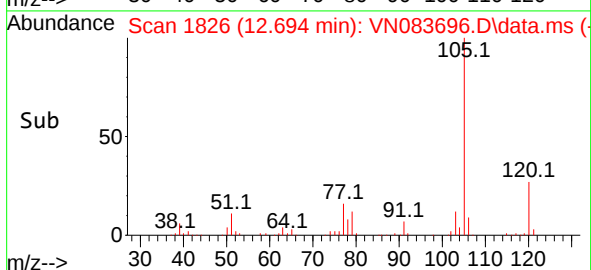
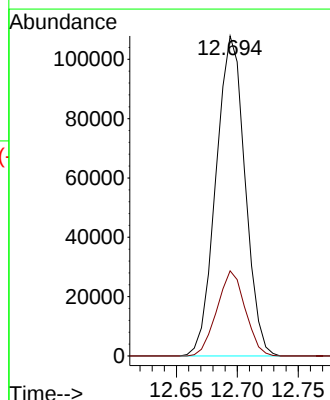
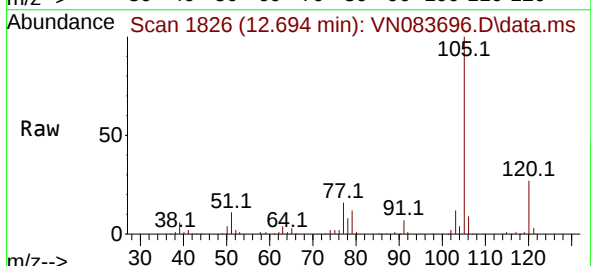
RT: 12.694 min Scan# 1826

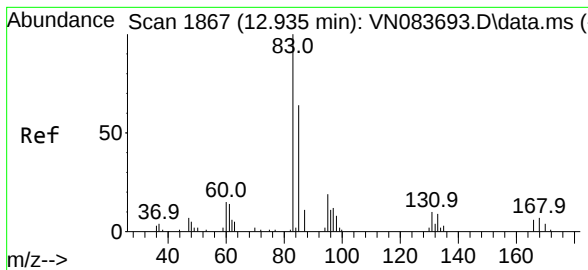
Delta R.T. 0.000 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Tgt Ion:105 Resp: 179060
 Ion Ratio Lower Upper
 105 100
 120 25.9 17.8 33.1





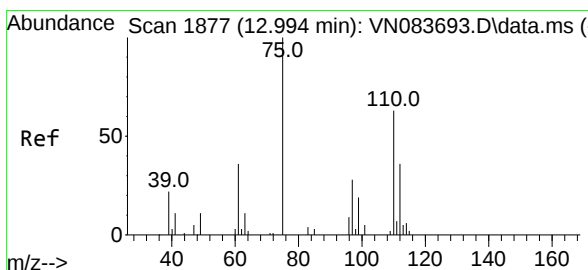
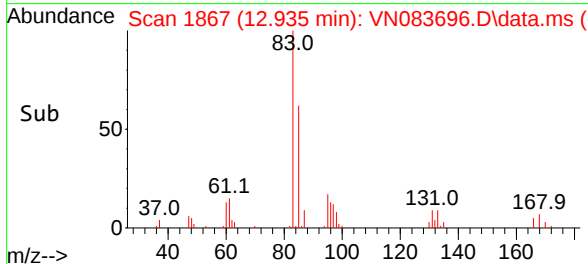
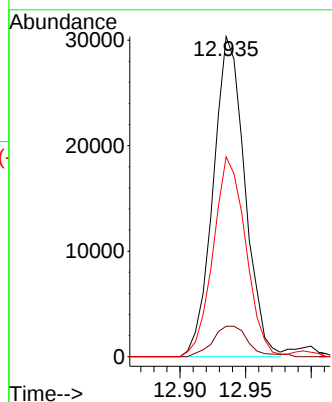
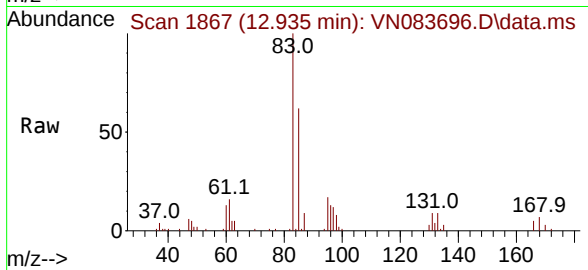
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.504 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN083696.D
 Acq: 06 Sep 2024 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Tgt Ion: 83 Resp: 50960
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.2 15.6
 85 64.1 32.3 96.8

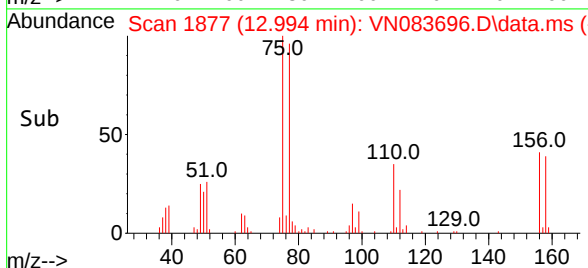
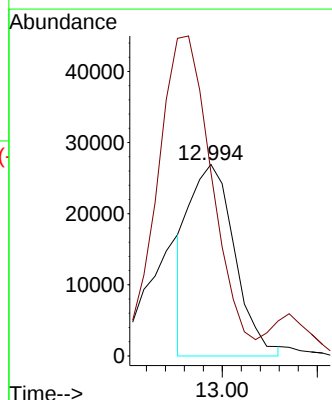
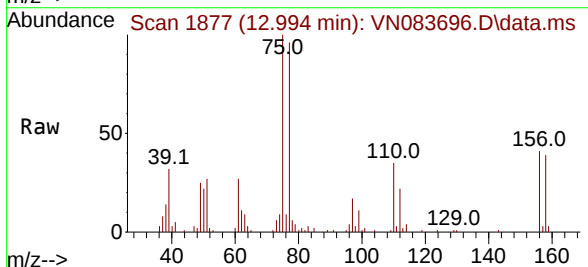
Manual Integrations
 APPROVED

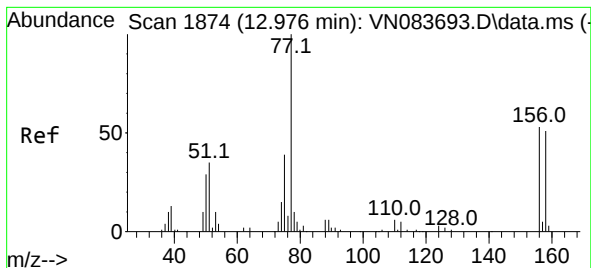
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024



#72
 1,2,3-Trichloropropane
 Concen: 19.538 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN083696.D
 Acq: 06 Sep 2024 15:13

Tgt Ion: 75 Resp: 44758
 Ion Ratio Lower Upper
 75 100
 77 203.7 0.0 367.6





#73

Bromobenzene

Concen: 17.805 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

VN0906WBS01

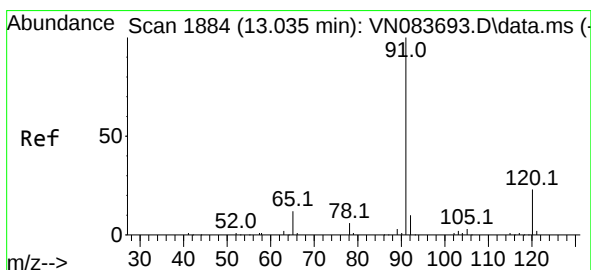
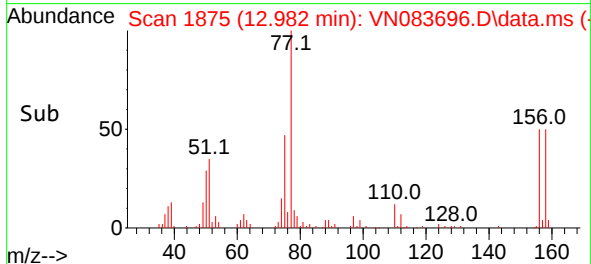
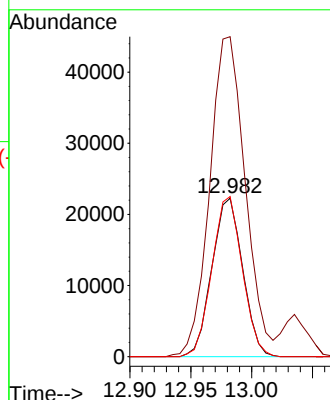
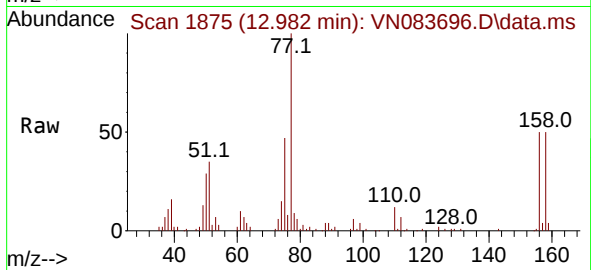
Tgt Ion:	156	Resp:	3912
Ion Ratio	Lower	Upper	
156	100		
77	233.0	0.0	437.6
158	99.9	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/09/2024

Supervised By :Mahesh Dadoda 09/09/2024



#74

n-propylbenzene

Concen: 18.539 ug/l

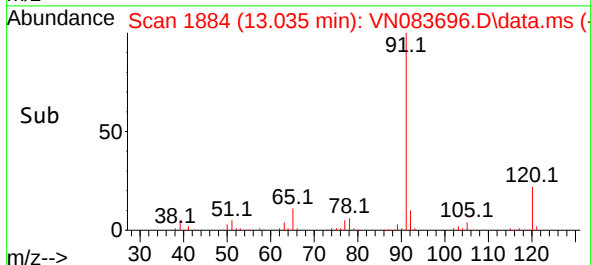
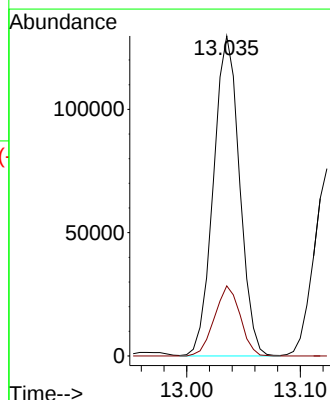
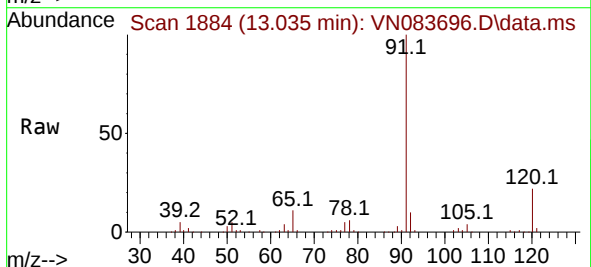
RT: 13.035 min Scan# 1884

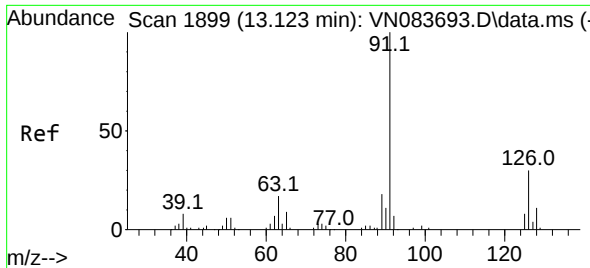
Delta R.T. 0.000 min

Lab File: VN083696.D

Acq: 06 Sep 2024 15:13

Tgt Ion:	91	Resp:	207605
Ion Ratio	Lower	Upper	
91	100		
120	21.5	0.0	43.8





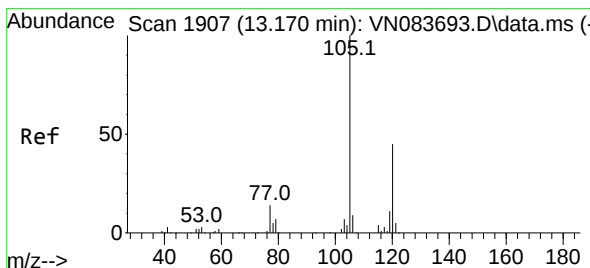
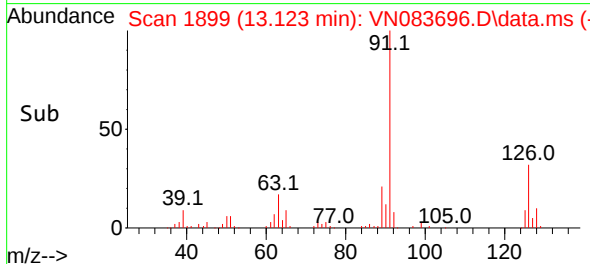
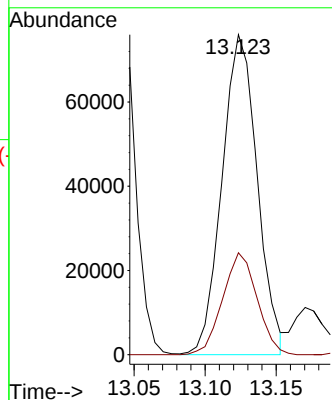
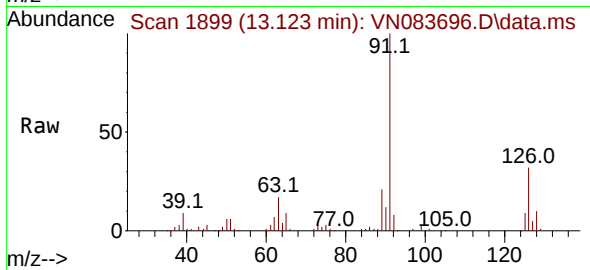
#75
2-Chlorotoluene
Concen: 18.747 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 91 Resp: 13102
Ion Ratio Lower Upper
91 100
126 31.1 0.0 61.2

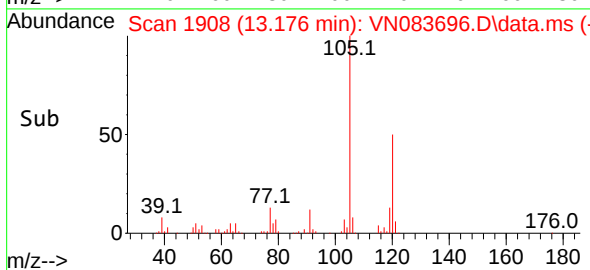
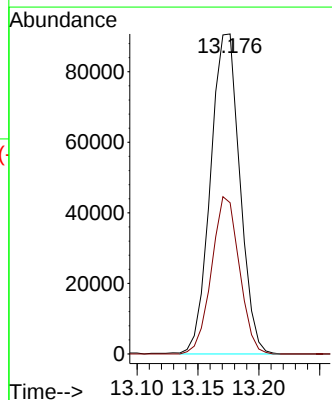
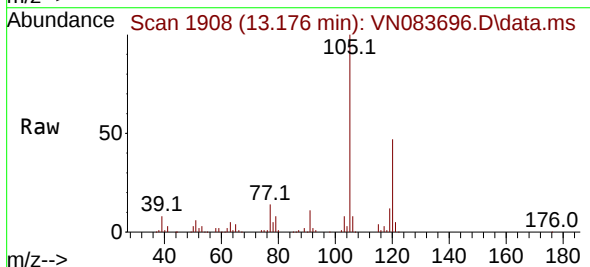
Manual Integrations
APPROVED

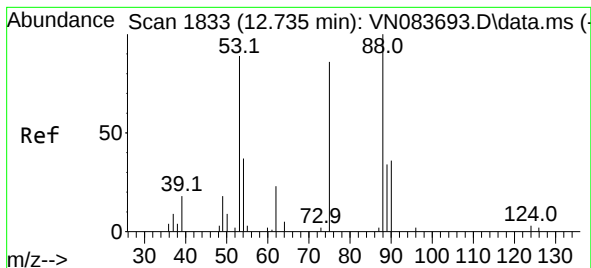
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.991 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

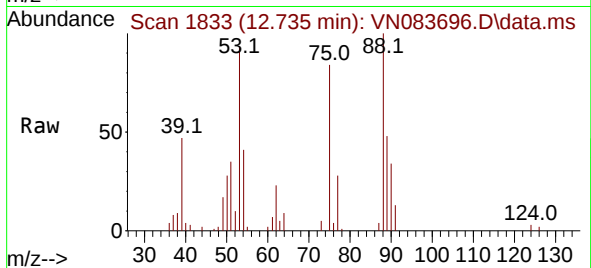
Tgt Ion:105 Resp: 151758
Ion Ratio Lower Upper
105 100
120 46.5 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.922 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

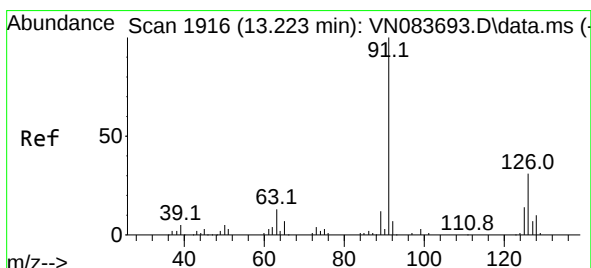
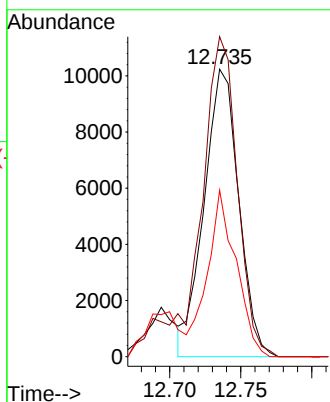
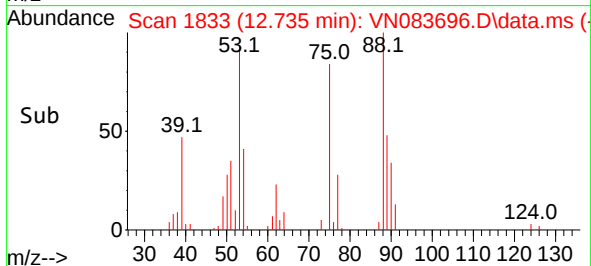
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



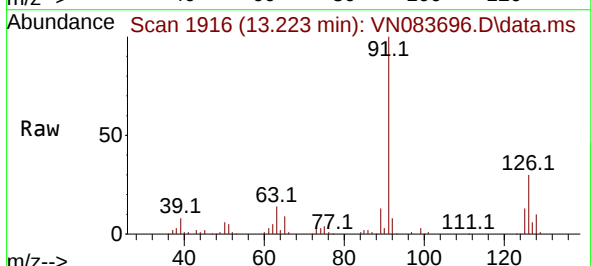
Tgt Ion: 75 Resp: 17354
Ion Ratio Lower Upper
75 100
53 111.3 45.9 137.7
89 57.9 25.9 77.7

Manual Integrations
APPROVED

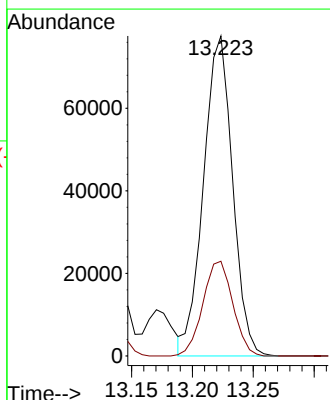
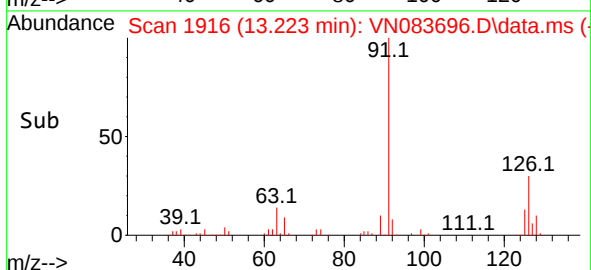
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

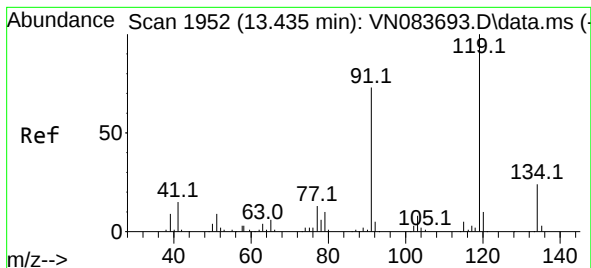


#78
4-Chlorotoluene
Concen: 18.157 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



Tgt Ion: 91 Resp: 128699
Ion Ratio Lower Upper
91 100
126 30.5 0.0 62.8





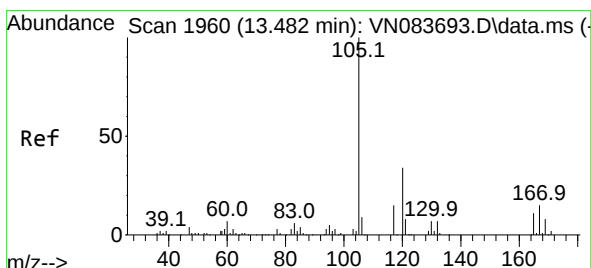
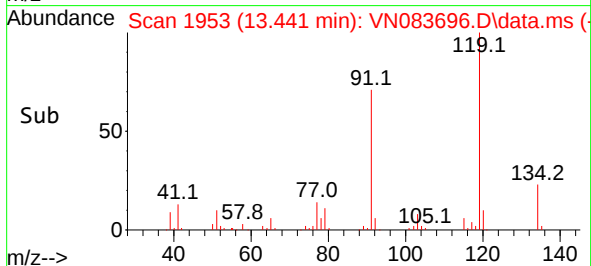
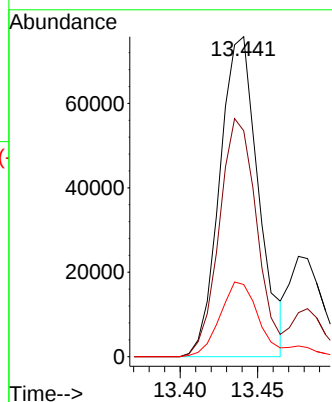
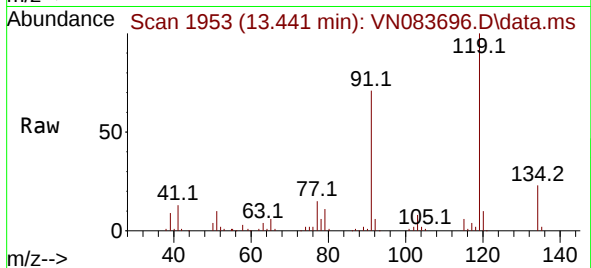
#79
tert-butylbenzene
Concen: 18.833 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:119 Resp: 131602
Ion Ratio Lower Upper
119 100
91 72.2 0.0 138.8
134 22.9 0.0 48.6

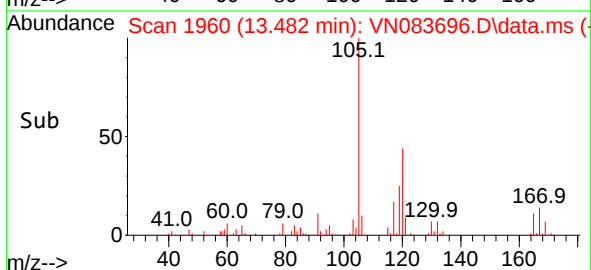
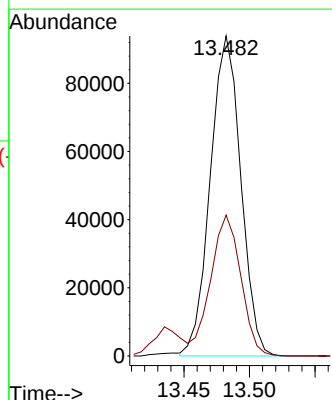
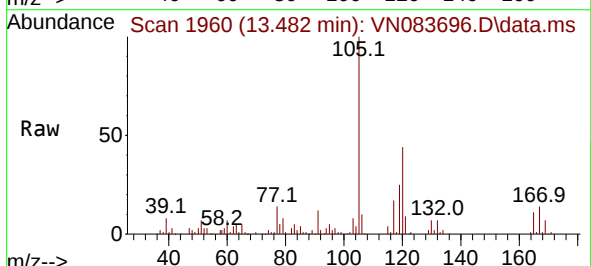
Manual Integrations
APPROVED

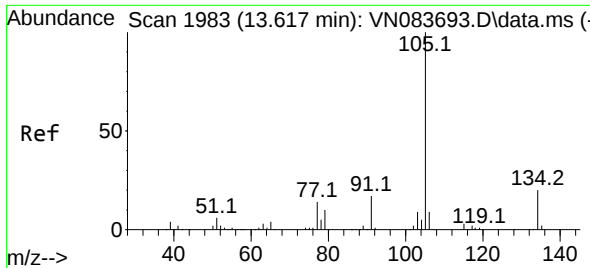
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.828 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion:105 Resp: 152041
Ion Ratio Lower Upper
105 100
120 43.5 0.0 86.8





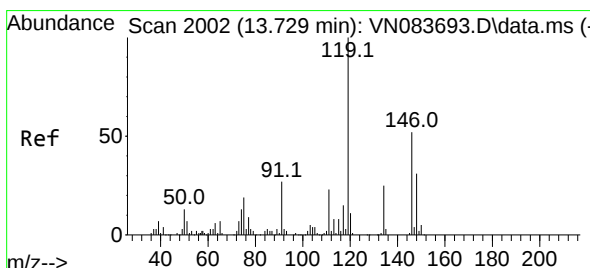
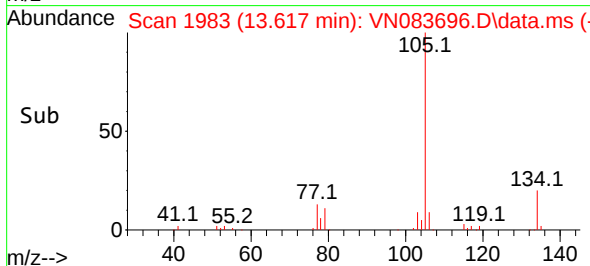
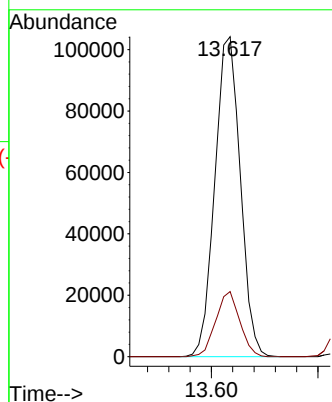
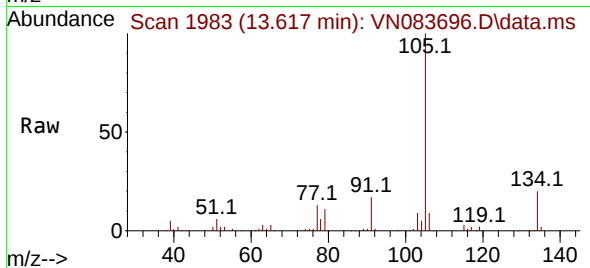
#81
 sec-Butylbenzene
 Concen: 18.087 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083696.D
 Acq: 06 Sep 2024 15:13

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0906WBS01

Tgt Ion:105 Resp: 17265
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 39.0

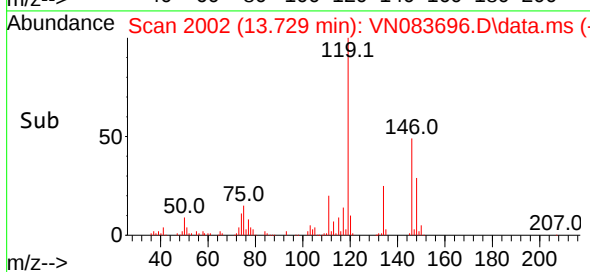
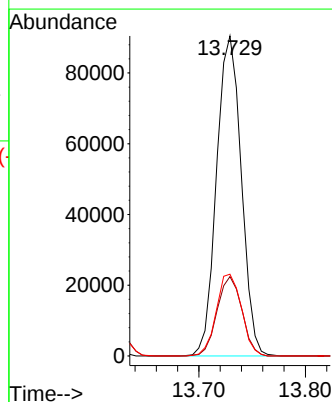
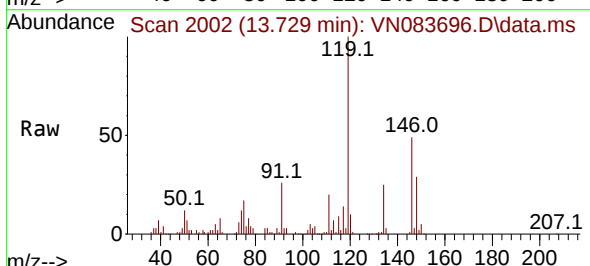
Manual Integrations
 APPROVED

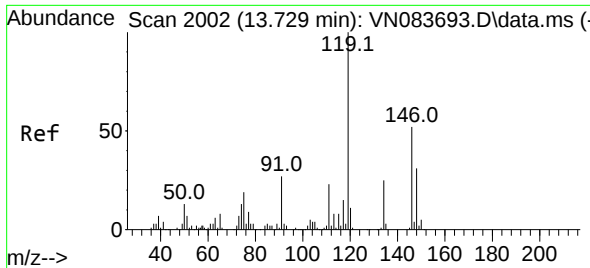
Reviewed By :John Carlone 09/09/2024
 Supervised By :Mahesh Dadoda 09/09/2024



#82
 p-Isopropyltoluene
 Concen: 18.154 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083696.D
 Acq: 06 Sep 2024 15:13

Tgt Ion:119 Resp: 145806
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 49.2
 91 26.0 0.0 48.8





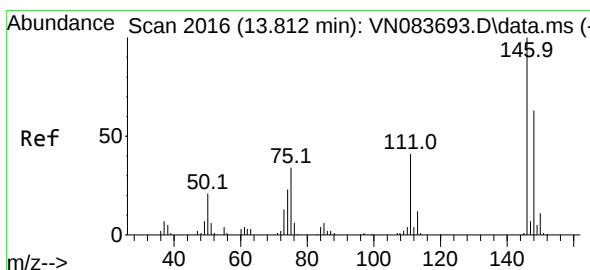
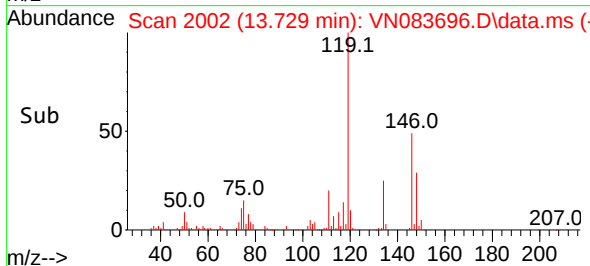
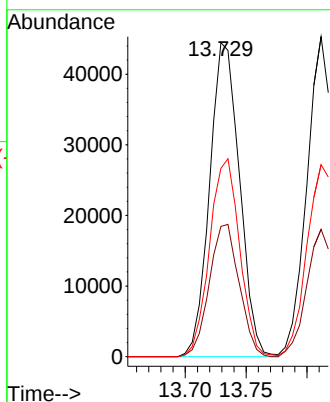
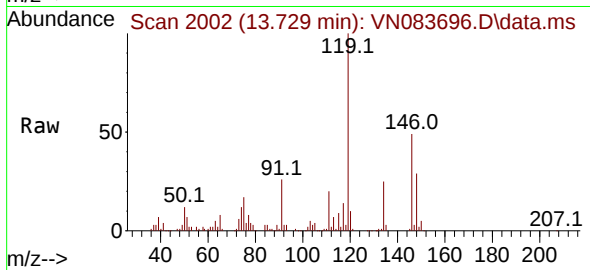
#83
1,3-Dichlorobenzene
Concen: 17.991 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion:146 Resp: 7608
Ion Ratio Lower Upper
146 100
111 42.0 22.4 67.0
148 63.3 32.1 96.5

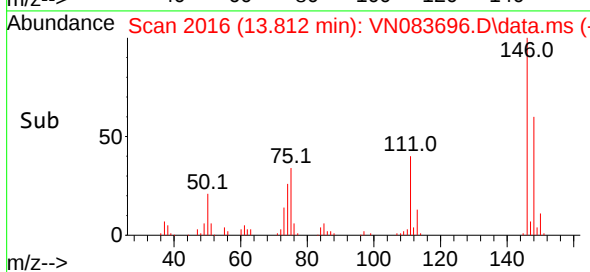
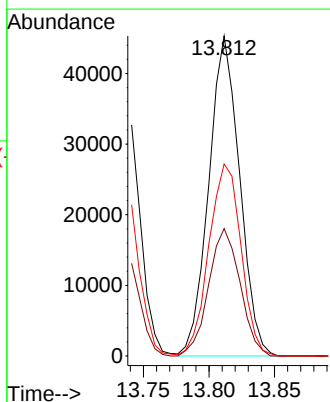
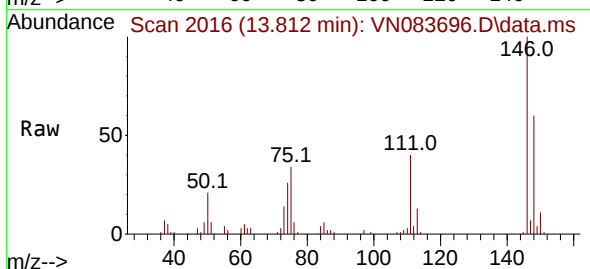
Manual Integrations
APPROVED

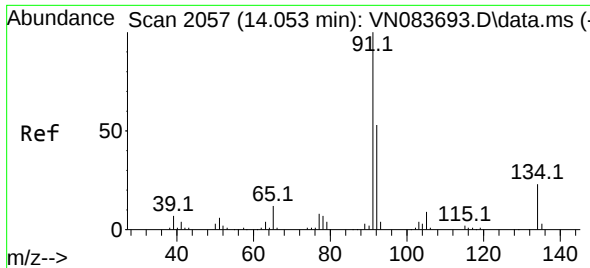
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#84
1,4-Dichlorobenzene
Concen: 17.533 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Tgt Ion:146 Resp: 74129
Ion Ratio Lower Upper
146 100
111 40.6 21.3 63.9
148 62.5 31.9 95.5





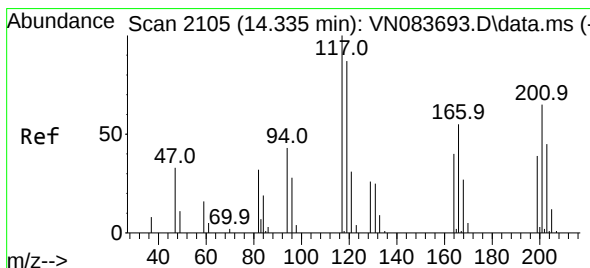
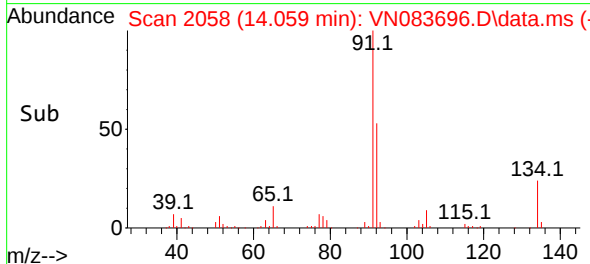
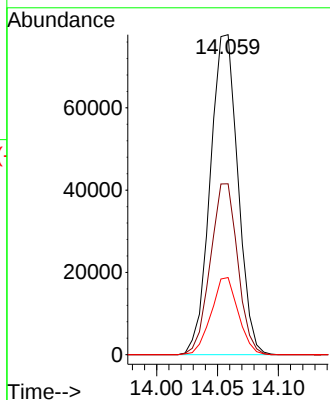
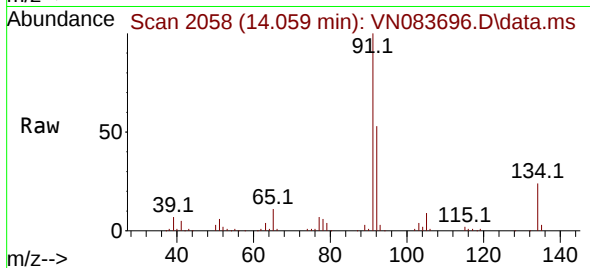
#85
n-Butylbenzene
Concen: 17.372 ug/l
RT: 14.059 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01

Tgt Ion: 91 Resp: 123124
Ion Ratio Lower Upper
91 100
92 52.7 0.0 105.0
134 23.6 0.0 51.8

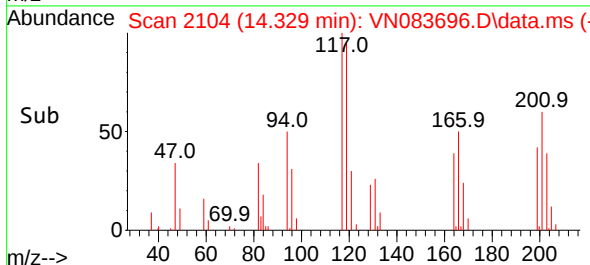
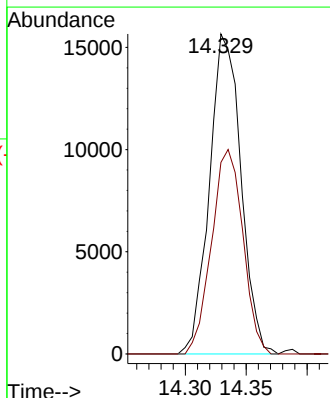
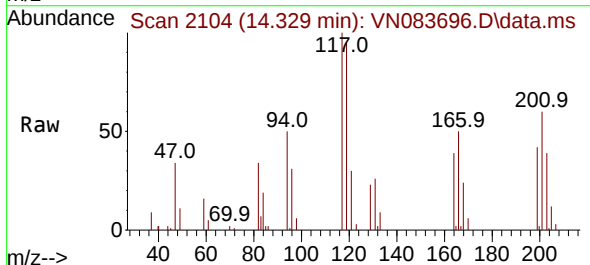
Manual Integrations
APPROVED

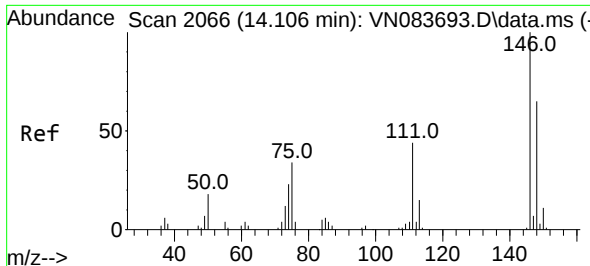
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024



#86
Hexachloroethane
Concen: 18.525 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

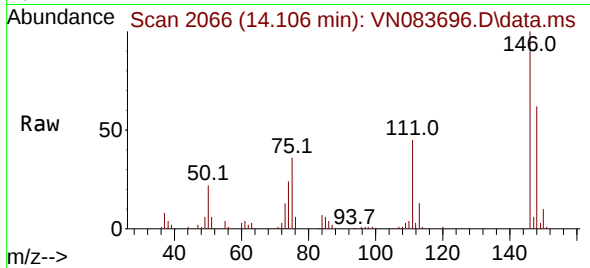
Tgt Ion:117 Resp: 28195
Ion Ratio Lower Upper
117 100
201 63.6 38.0 114.0





#87
1,2-Dichlorobenzene
Concen: 18.020 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

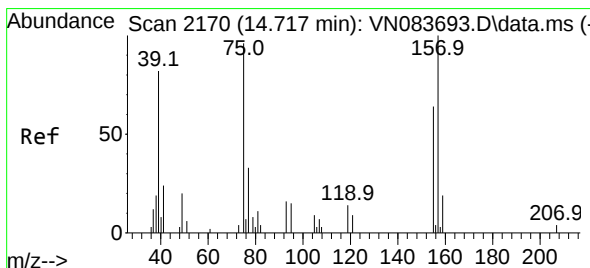
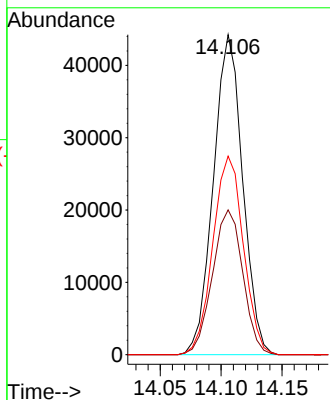
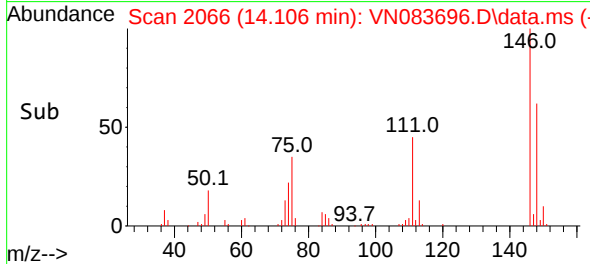
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



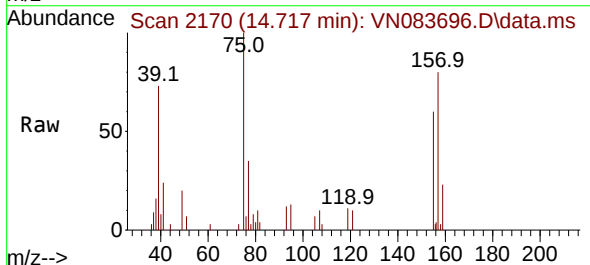
Tgt Ion:146 Resp: 73958
Ion Ratio Lower Upper
146 100
111 47.0 22.6 67.8
148 64.7 31.3 93.8

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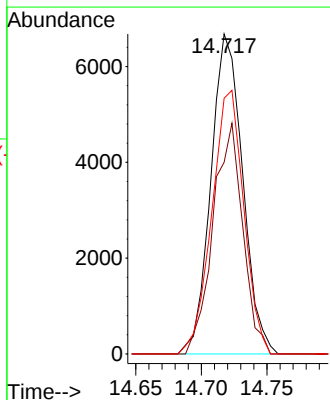
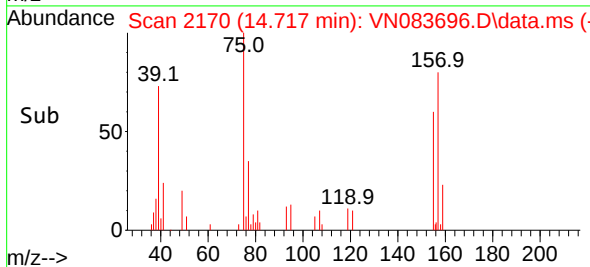
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

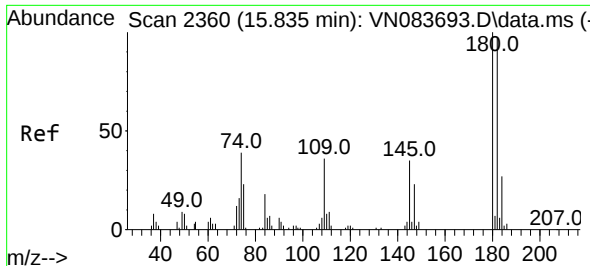


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.598 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



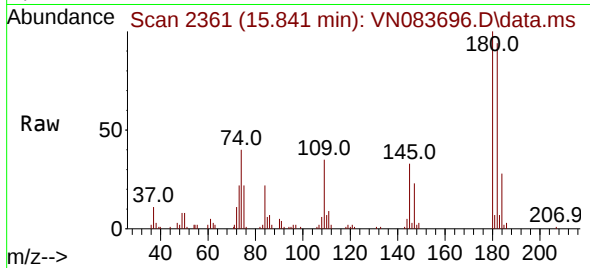
Tgt Ion: 75 Resp: 11253
Ion Ratio Lower Upper
75 100
155 67.7 61.7 92.5
157 82.9 83.6 125.4#





#89
1,2,4-Trichlorobenzene
Concen: 16.734 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

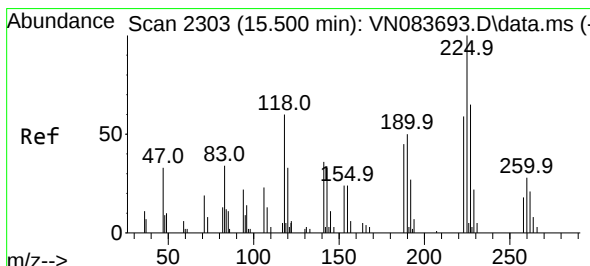
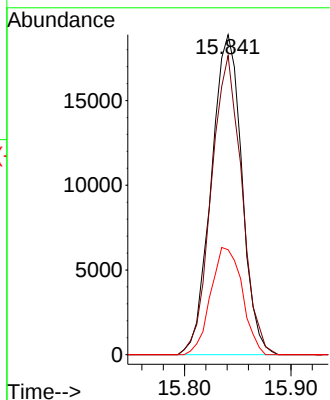
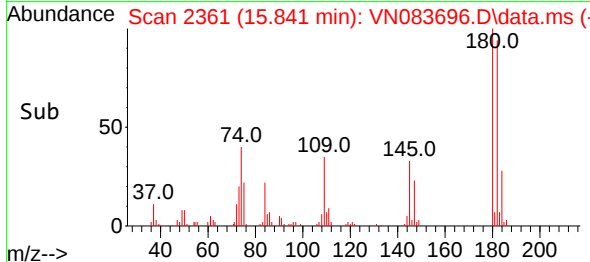
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



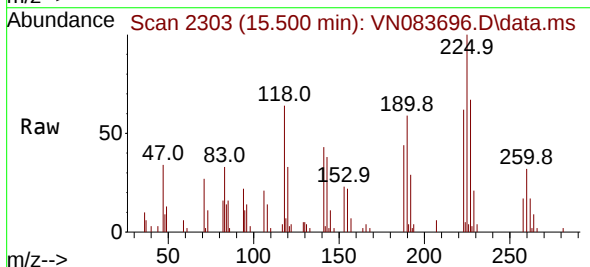
Tgt Ion:180 Resp: 3762
Ion Ratio Lower Upper
180 100
182 92.8 76.4 114.6
145 34.5 28.4 42.6

Manual Integrations
APPROVED

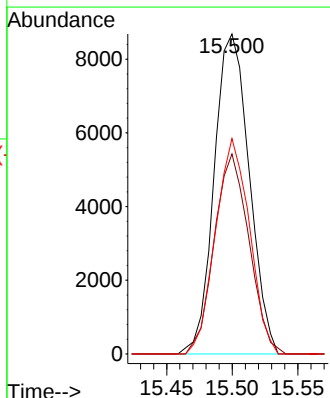
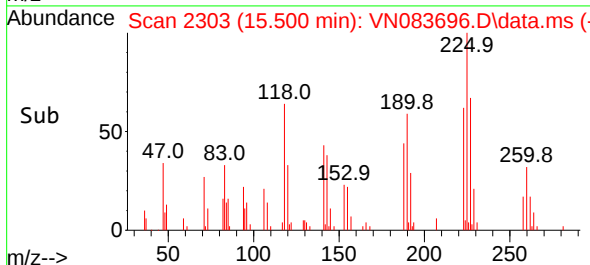
Reviewed By :John Carlone 09/09/2024
Supervised By :Mahesh Dadoda 09/09/2024

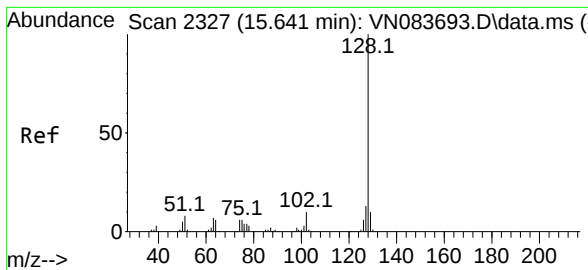


#90
Hexachlorobutadiene
Concen: 17.349 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



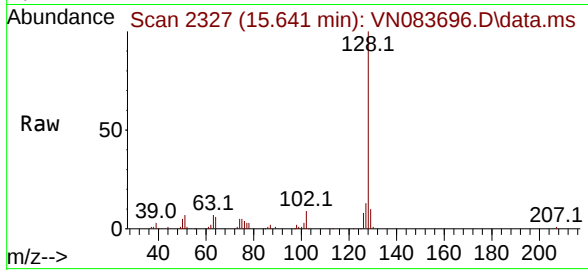
Tgt Ion:225 Resp: 16146
Ion Ratio Lower Upper
225 100
223 61.9 0.0 126.6
227 65.3 0.0 126.6





#91
Naphthalene
Concen: 17.389 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13

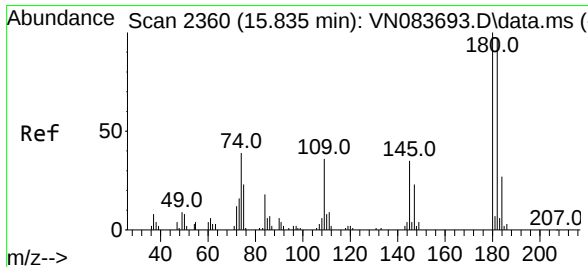
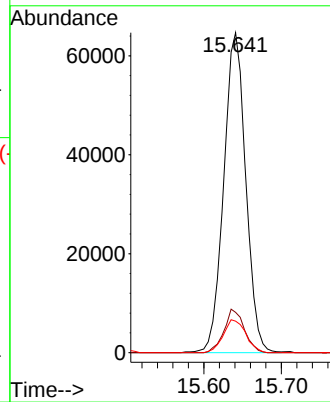
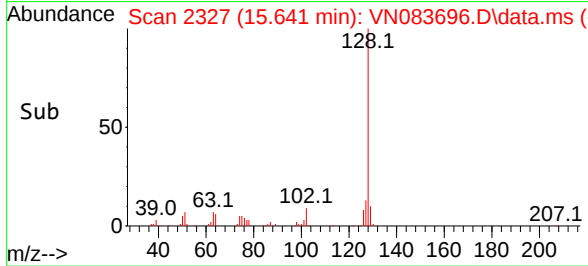
Instrument :
MSVOA_N
ClientSampleId :
VN0906WBS01



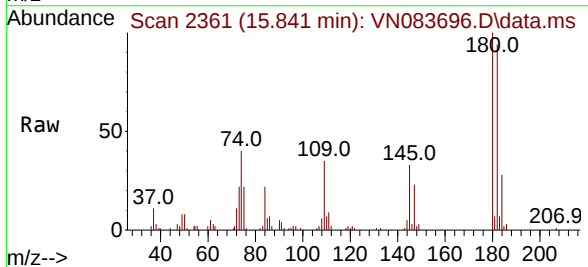
Tgt Ion:128 Resp: 127825
Ion Ratio Lower Upper
128 100
127 12.5 10.6 16.0
129 10.5 8.6 13.0

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 16.734 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN083696.D
Acq: 06 Sep 2024 15:13



Tgt Ion:180 Resp: 37627
Ion Ratio Lower Upper
180 100
182 92.8 0.0 191.0
145 34.5 0.0 71.0

