

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084060.D
 Acq On : 20 Sep 2024 10:44
 Operator : JC\MD
 Sample : VN0920WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 20 23:22:56 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	7.818	128	24030	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	132693	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	122141	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	66180	30.129	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.433%			
60) 4-Bromofluorobenzene	12.853	95	62605	29.740	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 99.133%			
63) Toluene-d8	10.565	98	170846	30.208	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	29906	18.584	ug/l	99
3) Chloromethane	2.359	50	31122	18.613	ug/l	93
4) Vinyl Chloride	2.518	62	31505	18.329	ug/l	93
5) Bromomethane	2.959	94	20277	21.114	ug/l	97
6) Chloroethane	3.124	64	19778	17.183	ug/l	100
7) Trichlorofluoromethane	3.495	101	51748	17.957	ug/l	95
8) Diethyl Ether	3.959	74	18667	19.064	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.371	101	28387	18.339	ug/l	95
10) 1,1-Dichloroethene	4.347	96	27654	18.516	ug/l	94
11) Methyl Iodide	4.589	142	36559	18.021	ug/l	90
12) Methyl Acetate	5.024	43	39071	21.692	ug/l #	80
13) Acrolein	4.183	56	32401	123.261	ug/l	96
14) Acrylonitrile	5.724	53	78699	107.969	ug/l	97
15) Acetone	4.424	58	23901	98.849	ug/l #	63
16) Carbon Disulfide	4.712	76	76358	18.091	ug/l #	95
17) Allyl chloride	5.018	41	45826	17.497	ug/l	88
18) Methylene Chloride	5.277	84	32144	19.672	ug/l	90
19) trans-1,2-Dichloroethene	5.783	96	27647	17.861	ug/l	92
20) Diisopropyl ether	6.671	45	104377	19.734	ug/l	94
21) 1,1-Dichloroethane	6.571	63	58046	19.222	ug/l	95
22) cis-1,2-Dichloroethene	7.488	96	33862	17.974	ug/l	89
23) tert-Butyl Alcohol	5.512	59	31203	116.656	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	100633	18.961	ug/l #	87
25) Chloroform	7.971	83	60556	18.922	ug/l	95
26) Cyclohexane	8.253	56	44667	16.794	ug/l #	89
29) 1,1-Dichloropropene	8.371	75	41112	19.534	ug/l	95
30) 2-Butanone	7.483	43	116509	117.434	ug/l	93
31) 2,2-Dichloropropane	7.488	77	52187	19.449	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	54292	19.316	ug/l	97
33) Carbon Tetrachloride	8.365	117	46061	18.923	ug/l	95
34) Benzene	8.606	78	128055	20.278	ug/l	99
35) Methacrylonitrile	7.777	41	24715	22.160	ug/l	88
36) 1,2-Dichloroethane	8.671	62	49460	20.834	ug/l	96
37) Trichloroethene	9.353	130	29416	19.836	ug/l	100
38) Methylcyclohexane	9.600	83	43135	17.118	ug/l	94
39) 1,2-Dichloropropane	9.624	63	31822	20.937	ug/l	95
40) Dibromomethane	9.712	93	22847	20.559	ug/l	93
41) Bromodichloromethane	9.888	83	47951	20.291	ug/l	97
42) Vinyl Acetate	6.606	43	391629	96.008	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	47368	23.720	ug/l #	87
44) Isopropyl Acetate	8.688	43	79497	23.017	ug/l #	87
45) 1,4-Dioxane	9.694	88	13111	486.689	ug/l #	93
46) Methyl methacrylate	9.682	41	35505	21.238	ug/l	83
47) n-amyl Acetate	12.494	43	65702	21.475	ug/l	93
48) t-1,3-Dichloropropene	10.835	75	47488	19.104	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	51371	19.872	ug/l #	83
50) 1,1,2-Trichloroethane	11.018	97	30726	21.728	ug/l	95
51) Ethyl methacrylate	10.876	69	46912	19.418	ug/l	76
52) 1,3-Dichloropropane	11.165	76	53489	20.946	ug/l	99
53) Dibromochloromethane	11.359	129	34742	20.483	ug/l	98
54) 1,2-Dibromoethane	11.470	107	30780	21.040	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	119932	124.565	ug/l	97
56) Bromoform	12.576	173	21964	20.383	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	230724	119.133	ug/l #	86
59) 2-Hexanone	11.194	43	172356	117.779	ug/l #	86
61) Tetrachloroethene	11.100	164	24470	18.930	ug/l	89
62) Toluene	10.629	91	134342	19.136	ug/l	100
64) Chlorobenzene	11.894	112	82832	19.057	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	29399	19.416	ug/l	97
66) Ethyl Benzene	11.965	91	146031	18.291	ug/l	100
67) m/p-Xylenes	12.070	106	107678	36.659	ug/l	93
68) o-Xylene	12.400	106	52922	18.616	ug/l	96
69) Styrene	12.412	104	88602	18.446	ug/l	98
70) Isopropylbenzene	12.694	105	134235	17.893	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	42902	20.938	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	39242m	21.844	ug/l	
73) Bromobenzene	12.982	156	33179	19.255	ug/l	94
74) n-propylbenzene	13.035	91	164113	18.688	ug/l	98
75) 2-Chlorotoluene	13.123	91	102525	18.705	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	114269	18.235	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	14770	19.451	ug/l	83
78) 4-Chlorotoluene	13.223	91	101480	18.257	ug/l	98
79) tert-butylbenzene	13.441	119	97092	17.718	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	116181	18.346	ug/l	99
81) sec-Butylbenzene	13.617	105	134829	18.011	ug/l	100
82) p-Isopropyltoluene	13.729	119	113104	17.958	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	60244	18.165	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	58562	17.663	ug/l	99
85) n-Butylbenzene	14.059	91	96157	17.301	ug/l	97
86) Hexachloroethane	14.335	117	22487	18.840	ug/l	83
87) 1,2-Dichlorobenzene	14.106	146	59675	18.541	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9252	20.547	ug/l	91
89) 1,2,4-Trichlorobenzene	15.841	180	28965	16.427	ug/l	98
90) Hexachlorobutadiene	15.500	225	13403	18.364	ug/l	98
91) Naphthalene	15.641	128	93586	16.234	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	28965	16.427	ug/l	98

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

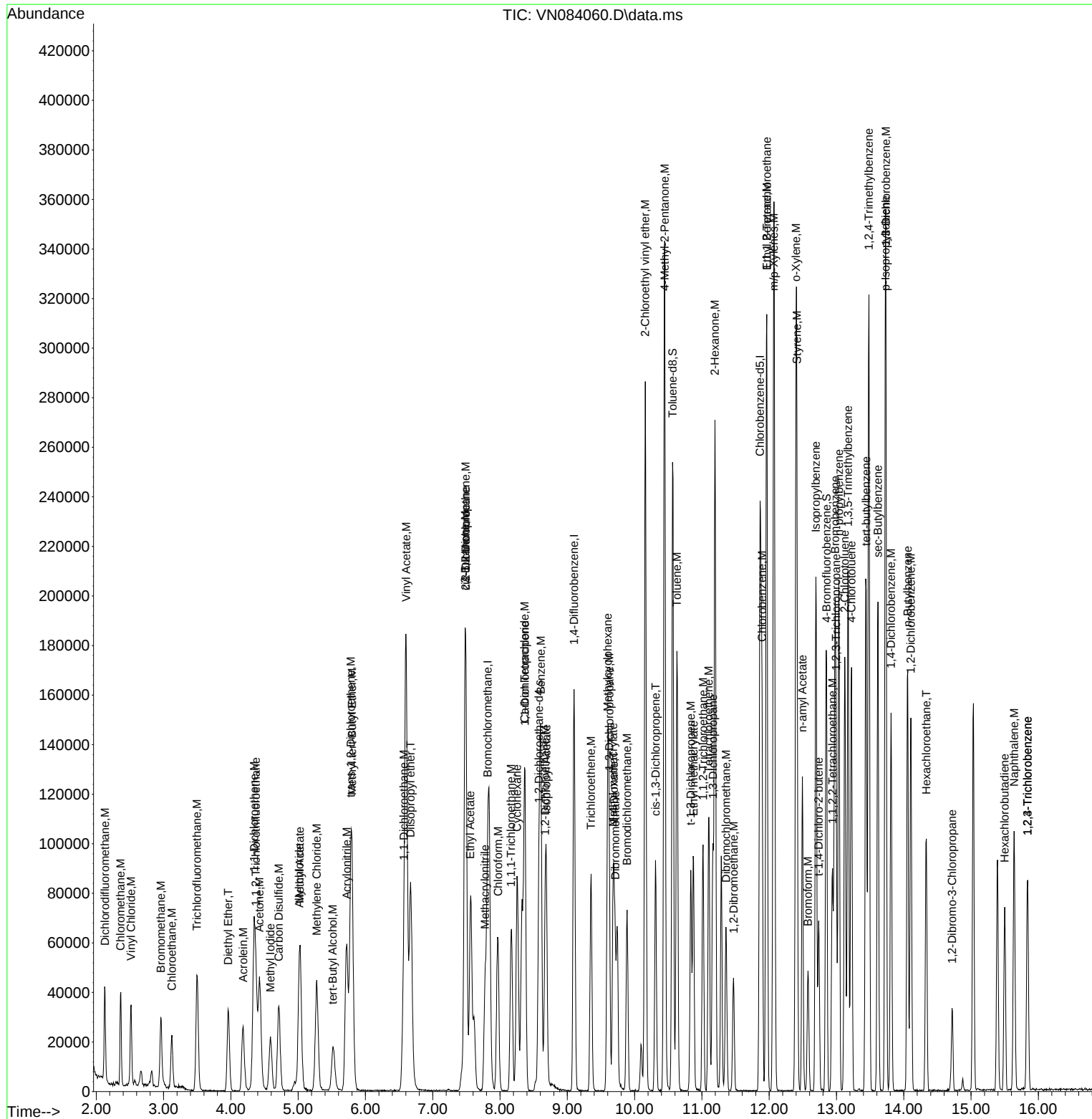
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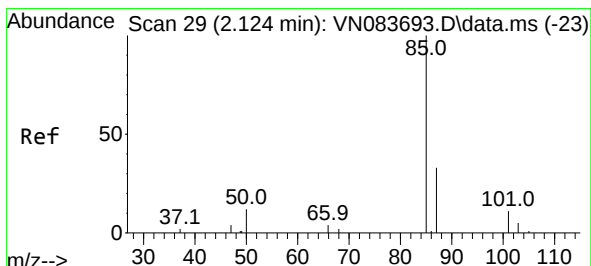
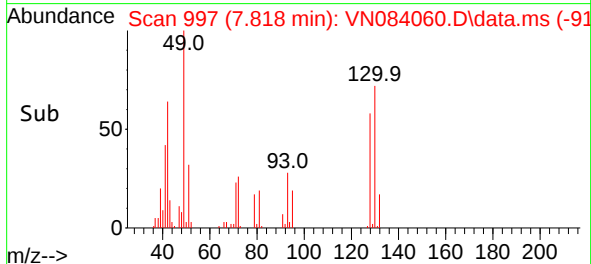
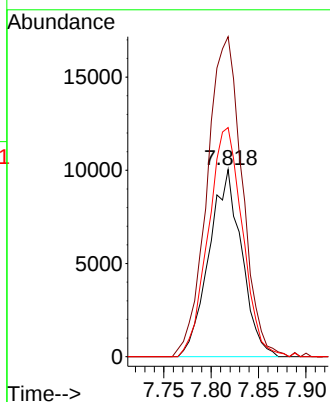
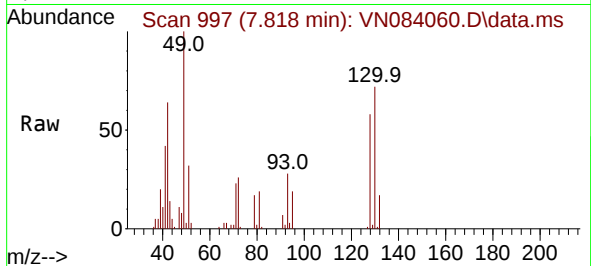
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:128 Resp: 24030
Ion Ratio Lower Upper
128 100
49 184.0 0.0 403.7
130 128.8 0.0 323.3

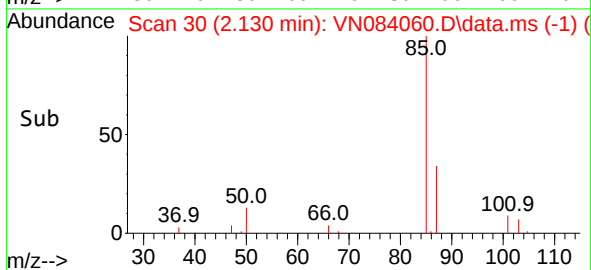
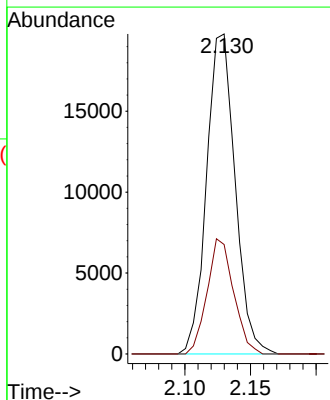
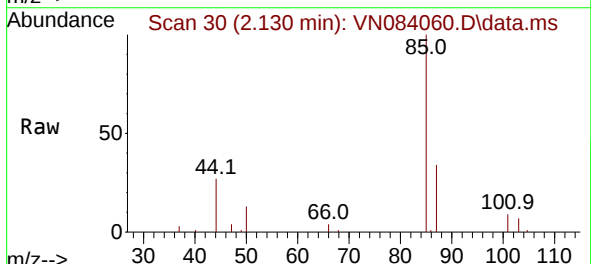
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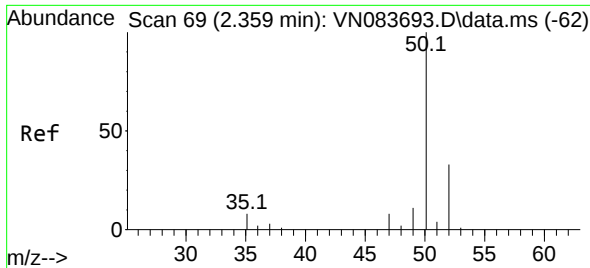
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#2
Dichlorodifluoromethane
Concen: 18.584 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 85 Resp: 29906
Ion Ratio Lower Upper
85 100
87 34.2 16.8 50.3





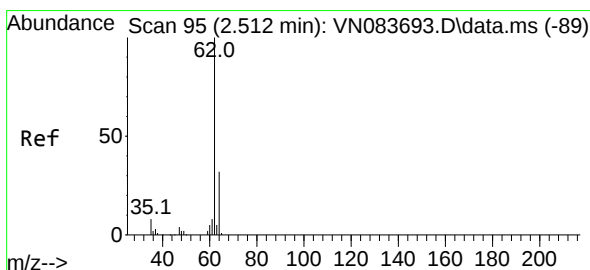
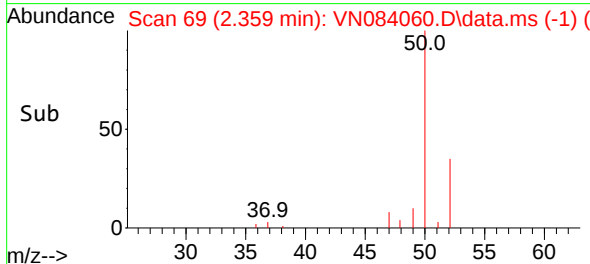
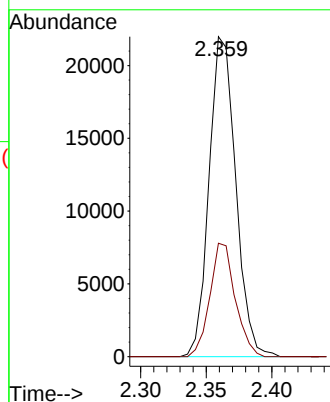
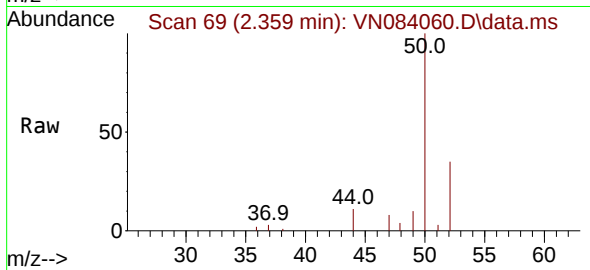
#3
Chloromethane
Concen: 18.613 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
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Tgt Ion: 50 Resp: 3112
Ion Ratio Lower Upper
50 100
52 35.5 25.4 38.0

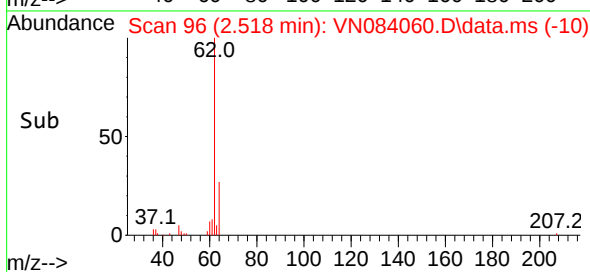
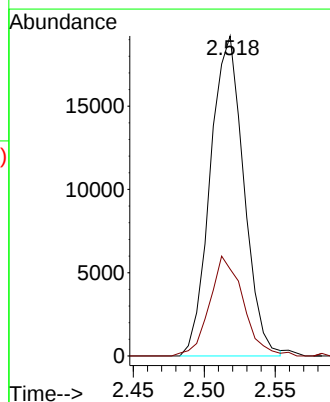
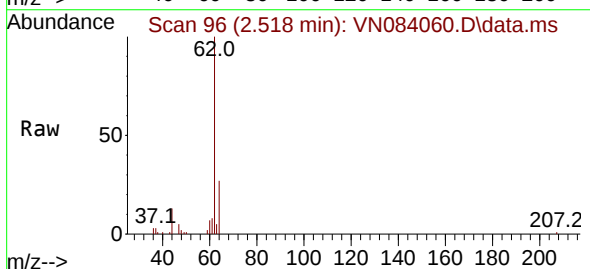
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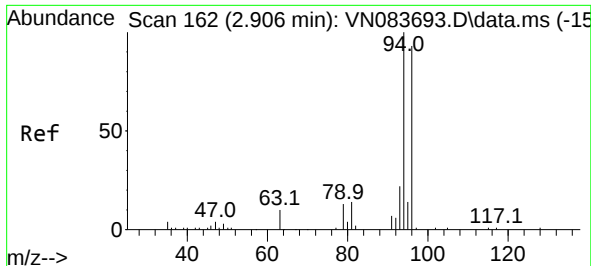
Reviewed By :John Carlone 09/23/2024
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#4
Vinyl Chloride
Concen: 18.329 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 62 Resp: 31505
Ion Ratio Lower Upper
62 100
64 26.3 24.1 36.1





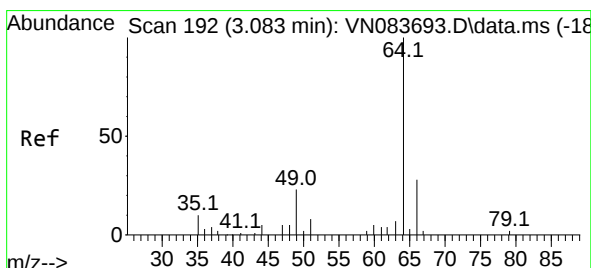
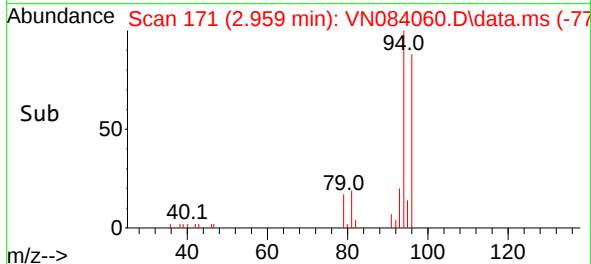
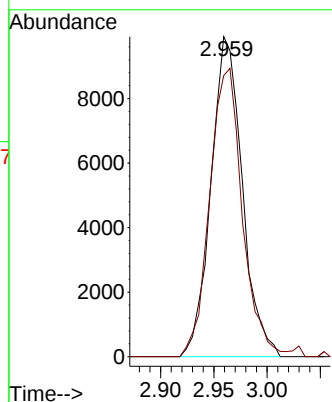
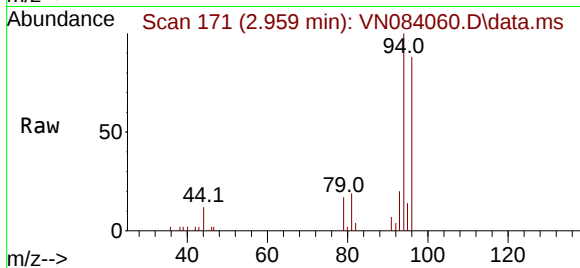
#5
Bromomethane
Concen: 21.114 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
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Tgt Ion: 94 Resp: 2027
Ion Ratio Lower Upper
94 100
96 87.8 72.8 109.2

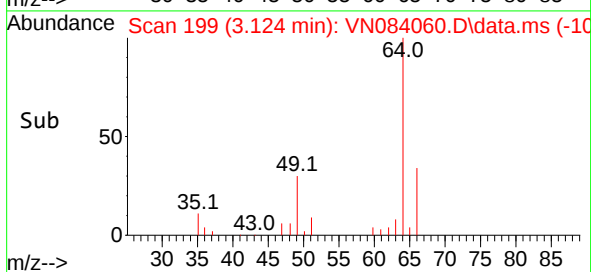
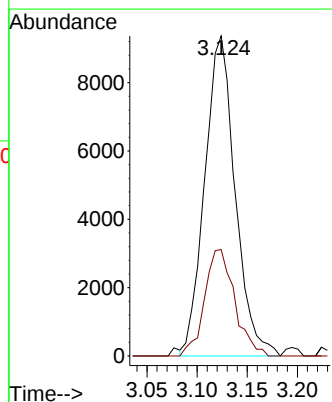
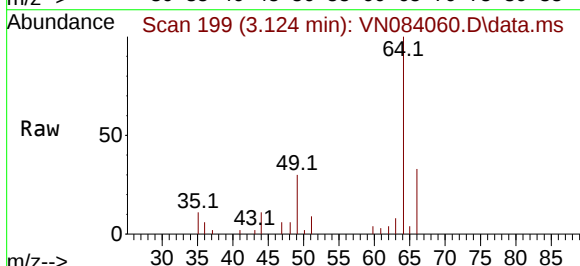
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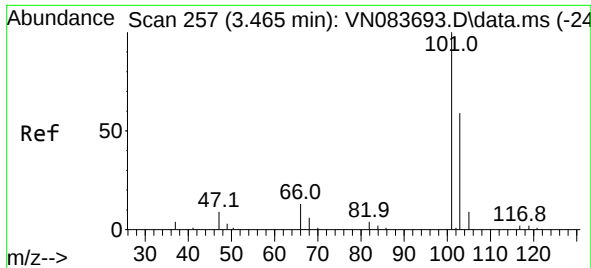
Reviewed By :John Carlone 09/23/2024
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#6
Chloroethane
Concen: 17.183 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.041 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 64 Resp: 19778
Ion Ratio Lower Upper
64 100
66 33.3 26.7 40.1





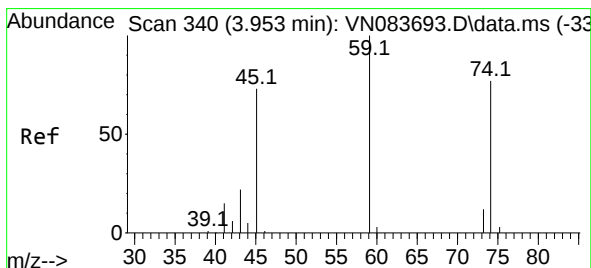
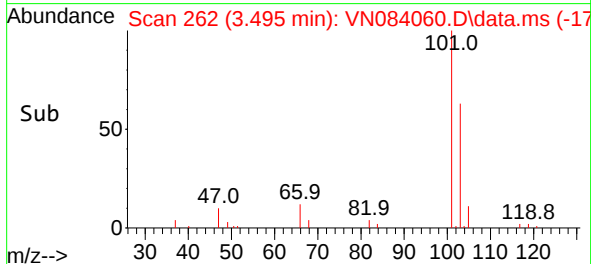
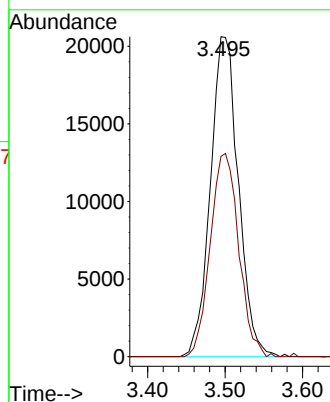
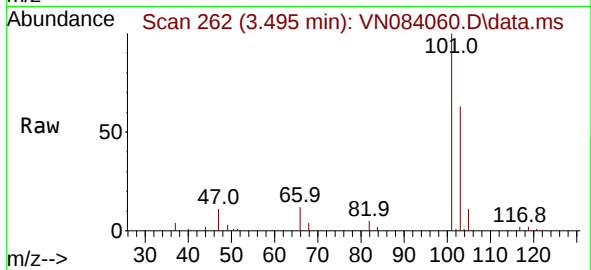
#7
 Trichlorofluoromethane
 Concen: 17.957 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. 0.029 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

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Tgt Ion:101 Resp: 51748
 Ion Ratio Lower Upper
 101 100
 103 62.6 53.0 79.4

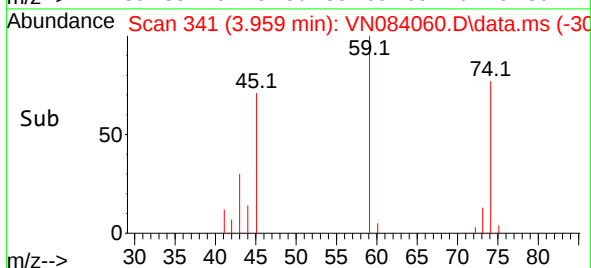
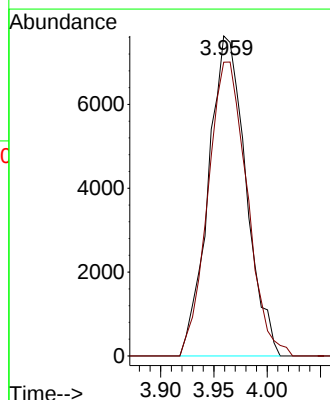
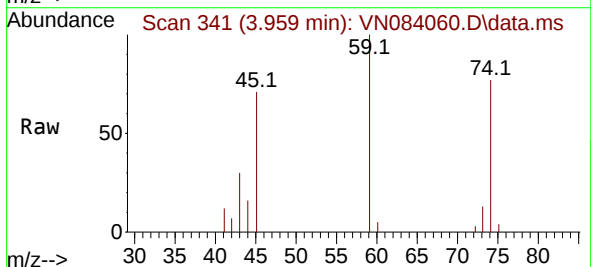
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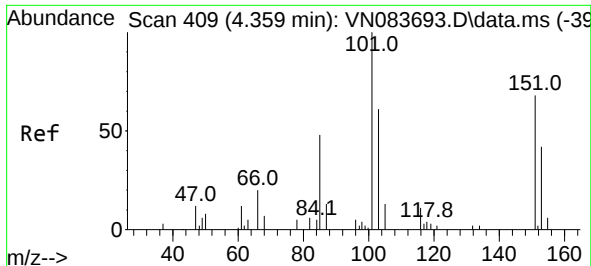
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#8
 Diethyl Ether
 Concen: 19.064 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

Tgt Ion: 74 Resp: 18667
 Ion Ratio Lower Upper
 74 100
 45 95.7 16.4 147.4





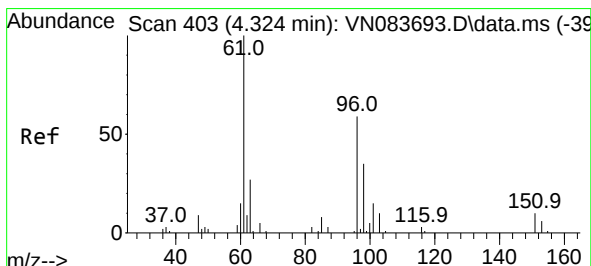
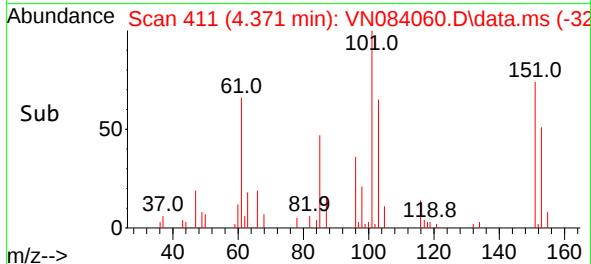
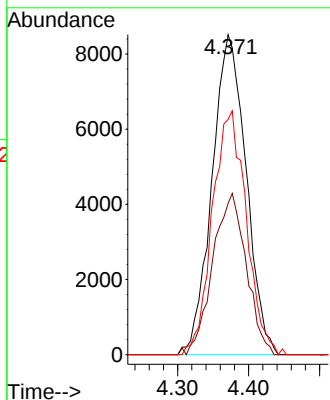
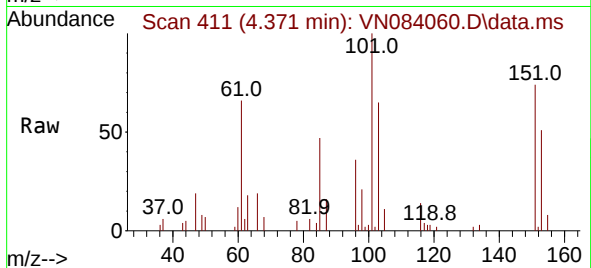
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.339 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

Instrument :
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Tgt Ion:101 Resp: 2838
 Ion Ratio Lower Upper
 101 100
 85 49.4 0.0 90.6
 151 75.6 0.0 157.6

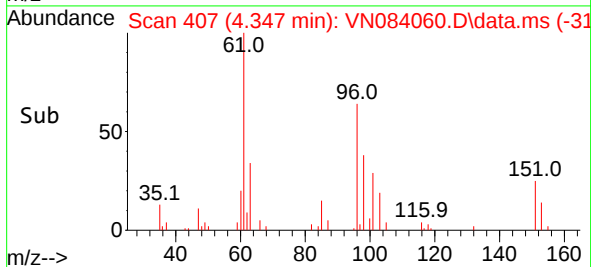
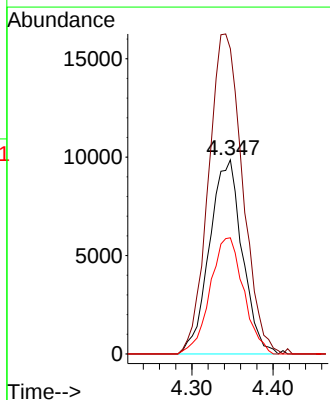
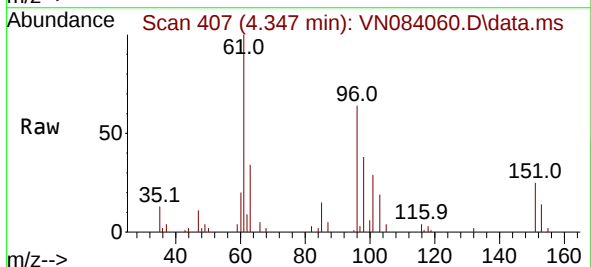
Manual Integrations
 APPROVED

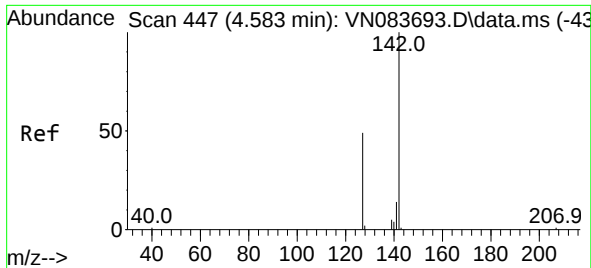
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#10
 1,1-Dichloroethene
 Concen: 18.516 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.024 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

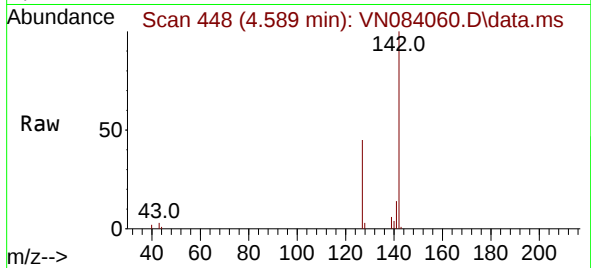
Tgt Ion: 96 Resp: 27654
 Ion Ratio Lower Upper
 96 100
 61 157.3 117.6 176.4
 98 59.9 48.4 72.6





#11
Methyl Iodide
Concen: 18.021 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

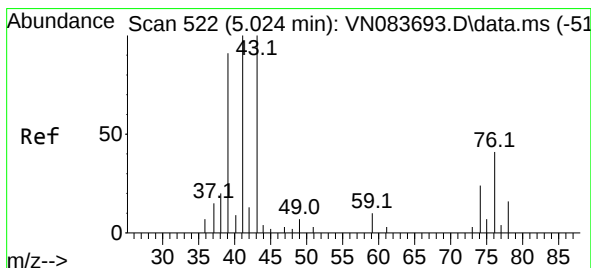
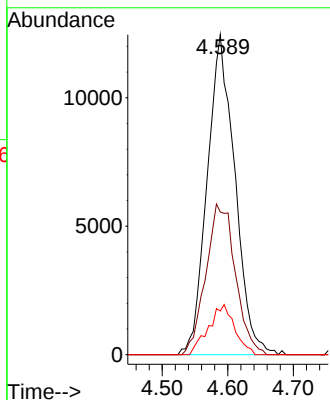
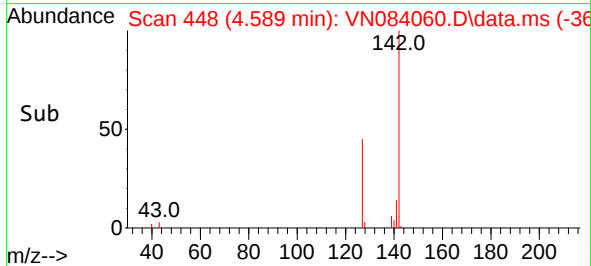
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion:142 Resp: 3655
Ion Ratio Lower Upper
142 100
127 44.6 26.3 78.9
141 13.7 8.3 24.9

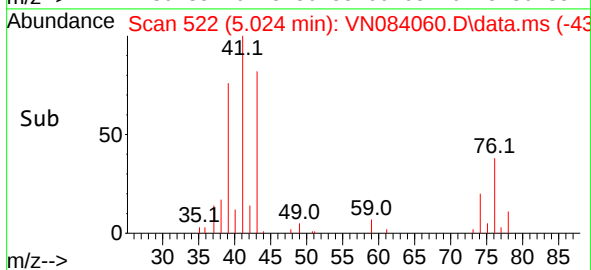
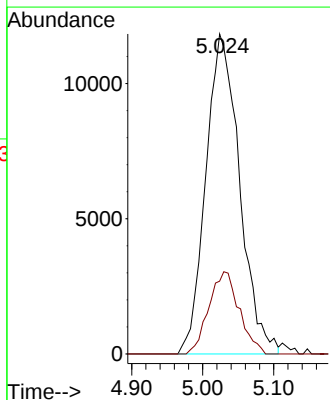
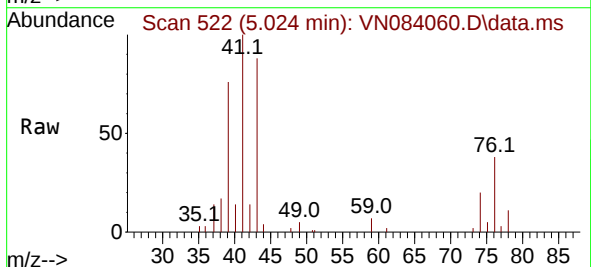
Manual Integrations
APPROVED

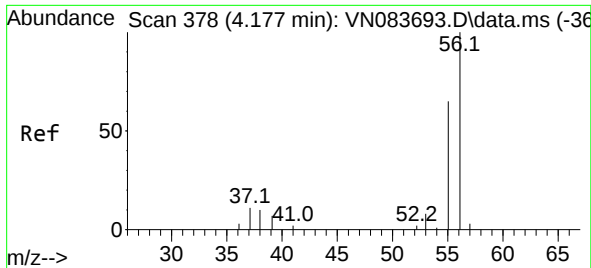
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#12
Methyl Acetate
Concen: 21.692 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 43 Resp: 39071
Ion Ratio Lower Upper
43 100
74 23.0 27.7 41.5#





#13

Acrolein

Concen: 123.261 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 56 Resp: 3240

Ion Ratio Lower Upper

56 100

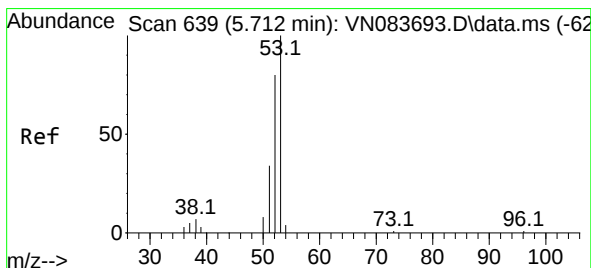
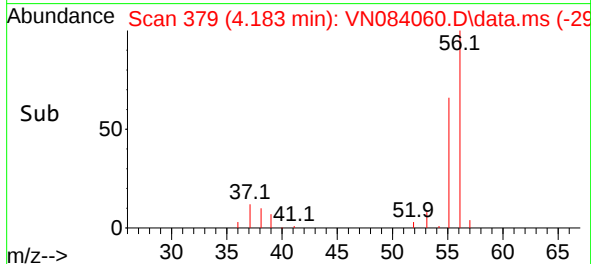
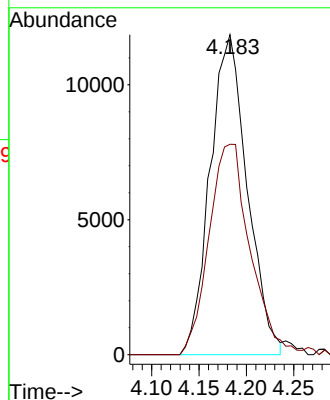
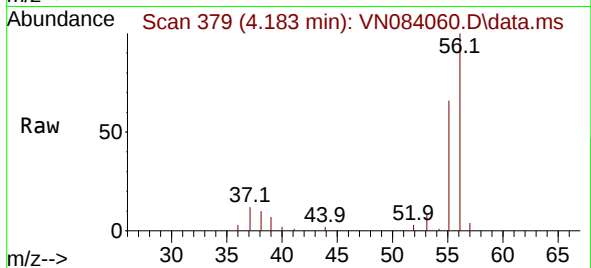
55 72.7 55.5 83.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#14

Acrylonitrile

Concen: 107.969 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.012 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

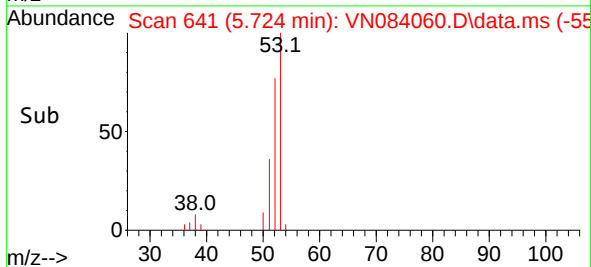
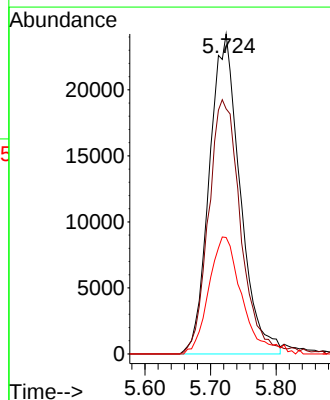
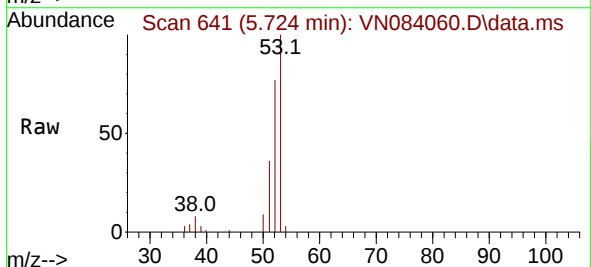
Tgt Ion: 53 Resp: 78699

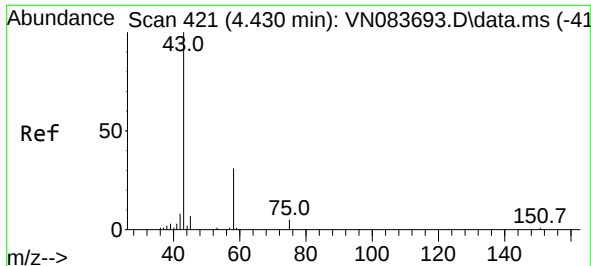
Ion Ratio Lower Upper

53 100

52 82.8 41.3 123.9

51 38.5 16.8 50.3





#15

Acetone

Concen: 98.849 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 58 Resp: 2390

Ion Ratio Lower Upper

58 100

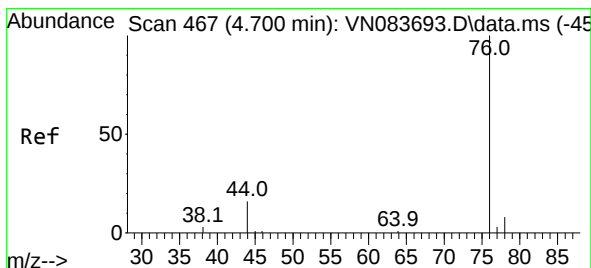
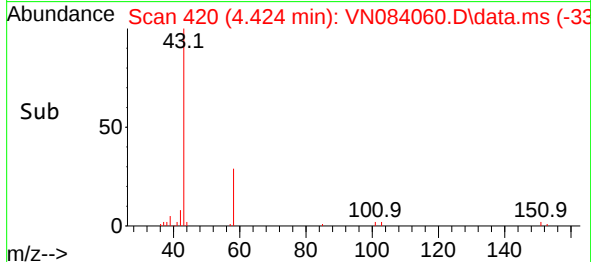
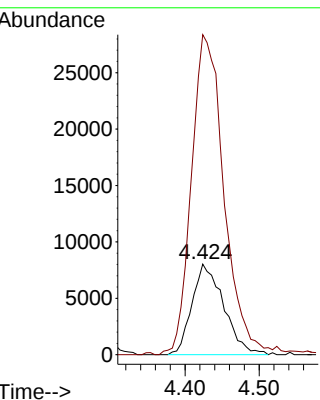
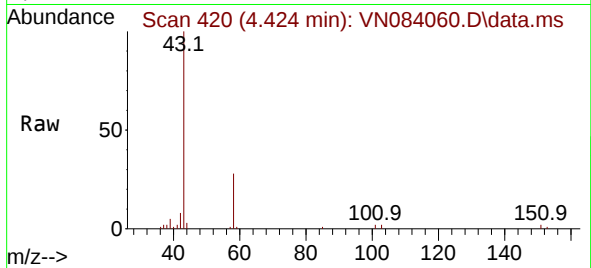
43 348.5 223.1 334.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#16

Carbon Disulfide

Concen: 18.091 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.012 min

Lab File: VN084060.D

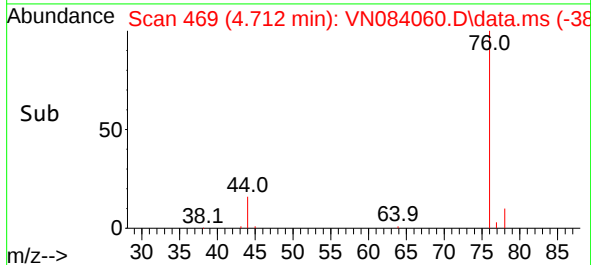
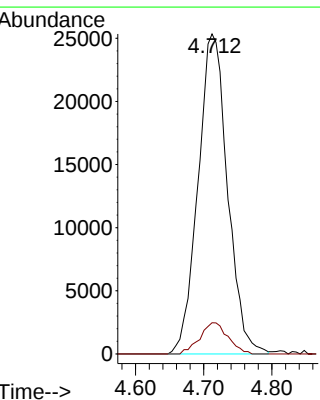
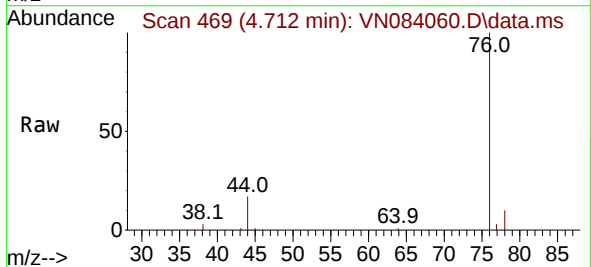
Acq: 20 Sep 2024 10:44

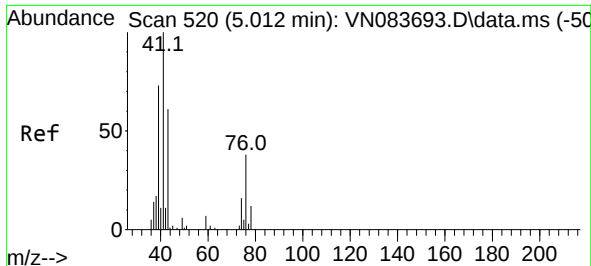
Tgt Ion: 76 Resp: 76358

Ion Ratio Lower Upper

76 100

78 9.8 6.3 9.5





#17

Allyl chloride

Concen: 17.497 ug/l

RT: 5.018 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

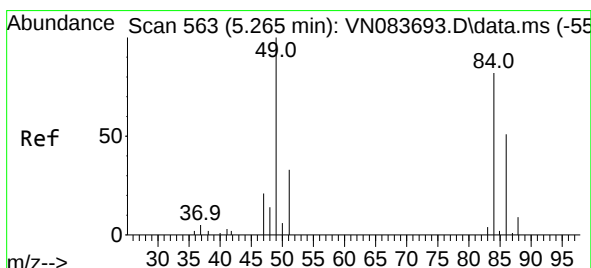
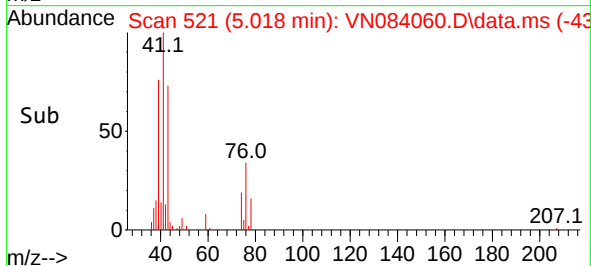
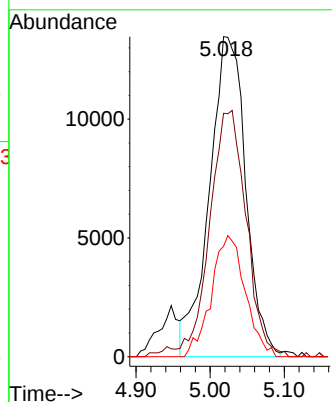
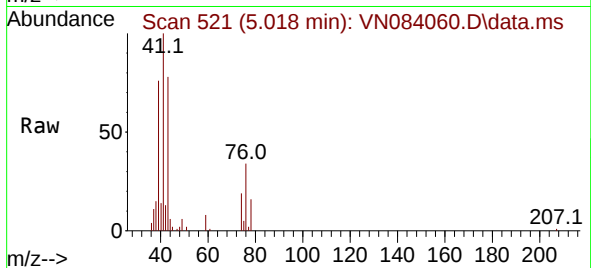
Tgt Ion: 41	Resp: 45820
Ion Ratio	Lower Upper
41	100
39	75.4 37.6 112.9
76	34.9 27.8 83.4

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#18

Methylene Chloride

Concen: 19.672 ug/l

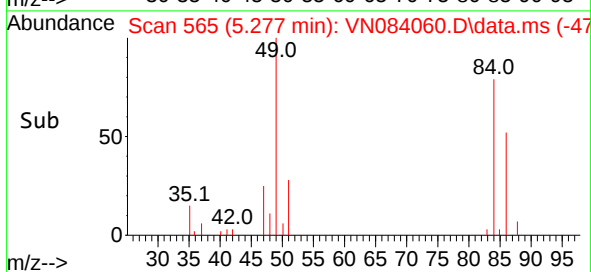
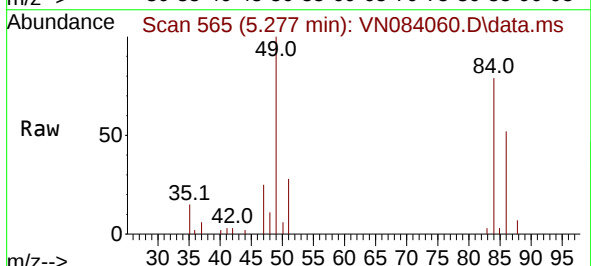
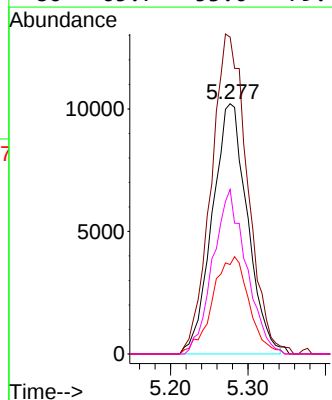
RT: 5.277 min Scan# 565

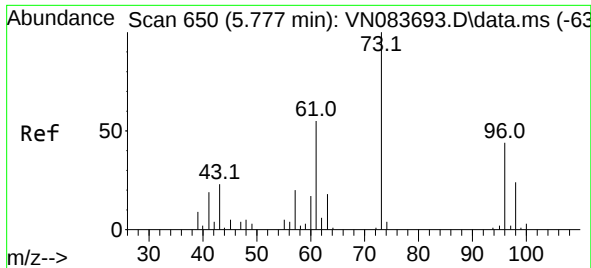
Delta R.T. 0.012 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Tgt Ion: 84	Resp: 32144
Ion Ratio	Lower Upper
84	100
49	126.6 86.0 129.0
51	35.7 30.0 45.0
86	65.7 53.0 79.4





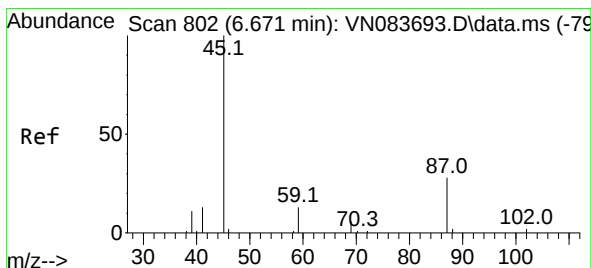
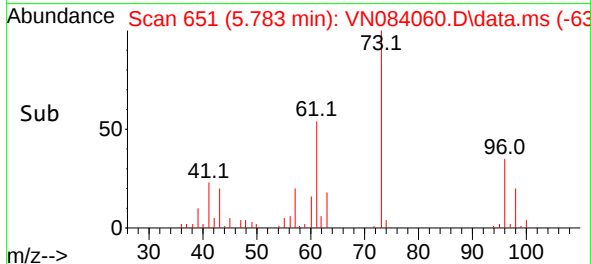
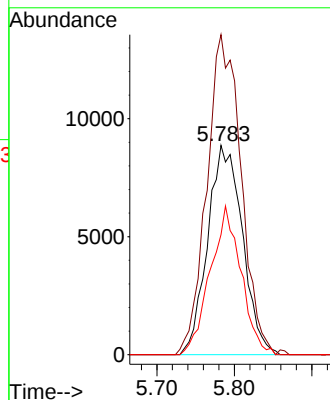
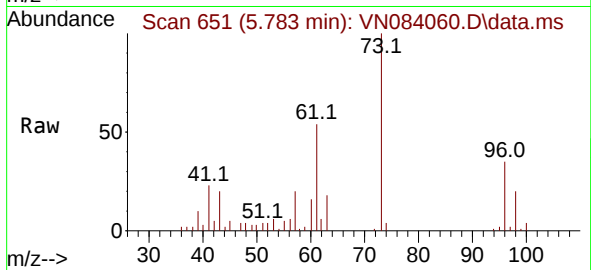
#19
trans-1,2-Dichloroethene
Concen: 17.861 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 96 Resp: 2764
Ion Ratio Lower Upper
96 100
61 150.6 111.8 167.6
98 57.3 49.2 73.8

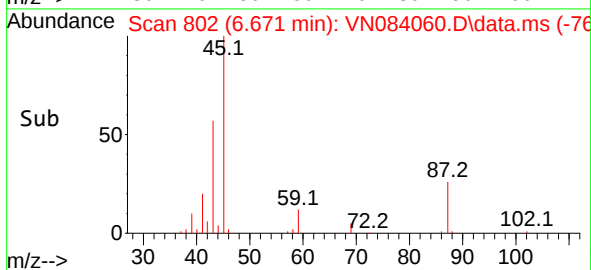
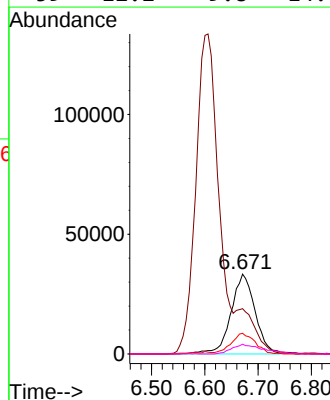
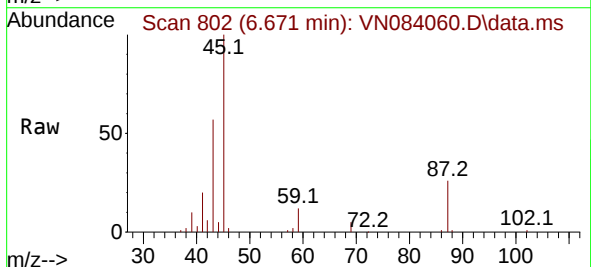
Manual Integrations
APPROVED

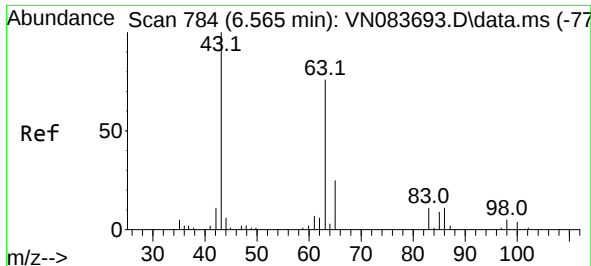
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#20
Diisopropyl ether
Concen: 19.734 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 45 Resp: 104377
Ion Ratio Lower Upper
45 100
43 54.0 40.4 60.6
87 25.2 23.8 35.8
59 12.2 9.8 14.6





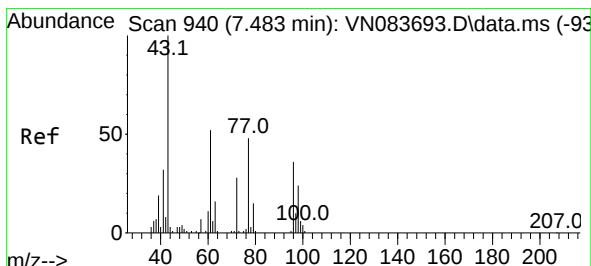
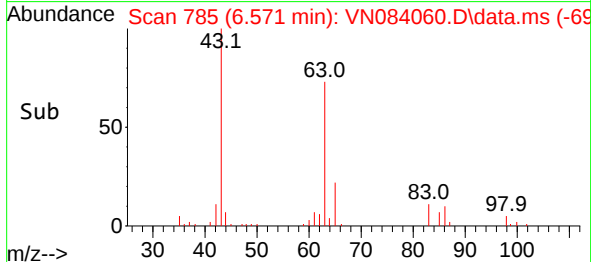
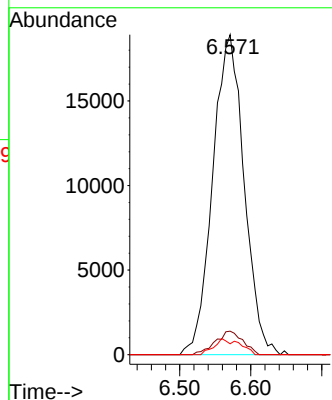
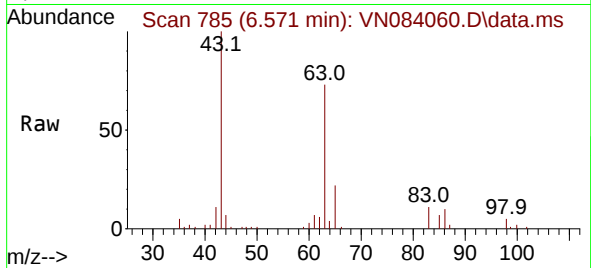
#21
1,1-Dichloroethane
Concen: 19.222 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 63 Resp: 5804
Ion Ratio Lower Upper
63 100
98 7.4 4.1 12.3
100 3.4 3.0 9.0

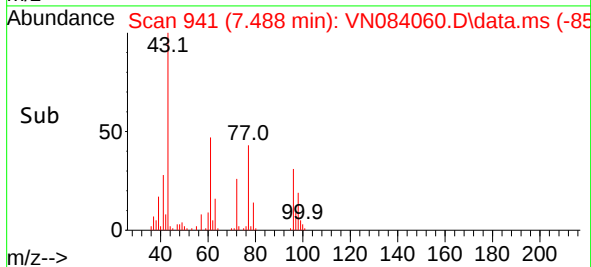
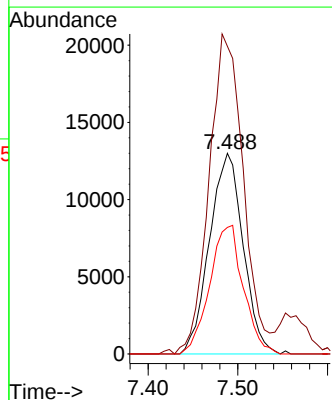
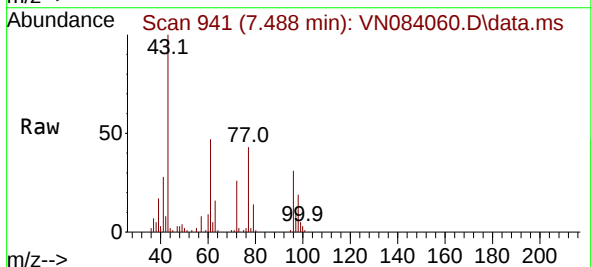
Manual Integrations
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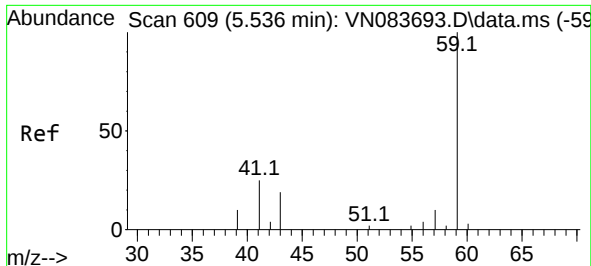
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#22
cis-1,2-Dichloroethene
Concen: 17.974 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

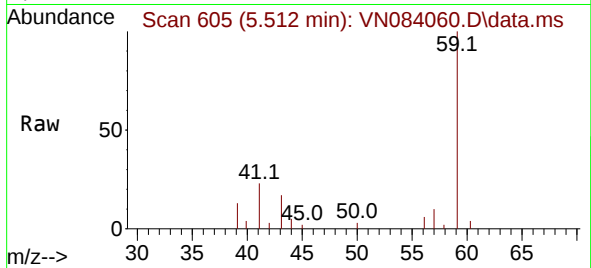
Tgt Ion: 96 Resp: 33862
Ion Ratio Lower Upper
96 100
61 161.3 113.5 170.3
98 64.1 52.0 78.0





#23
tert-Butyl Alcohol
Concen: 116.656 ug/l
RT: 5.512 min Scan# 609
Delta R.T. -0.024 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

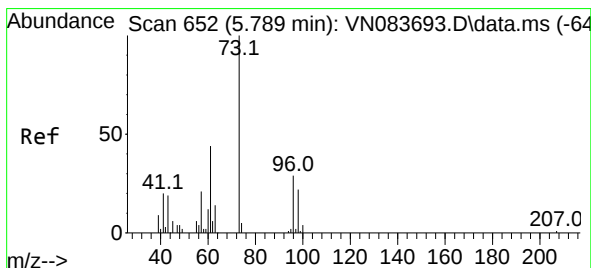
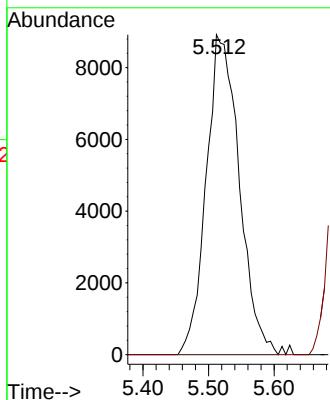
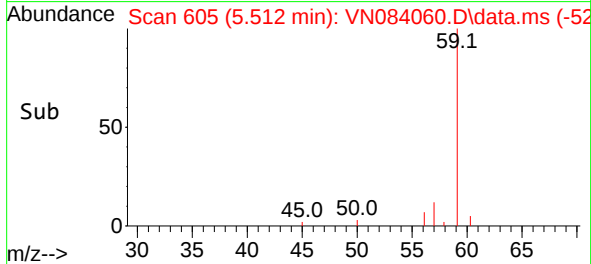
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



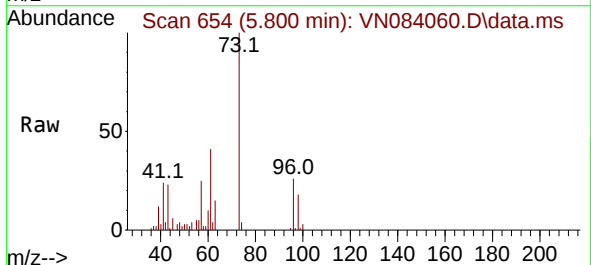
Tgt Ion: 59 Resp: 3120
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
APPROVED

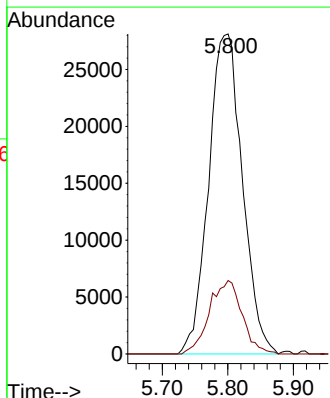
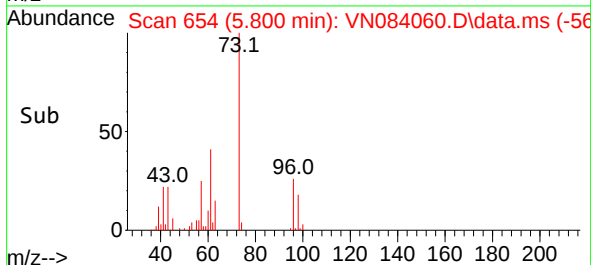
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

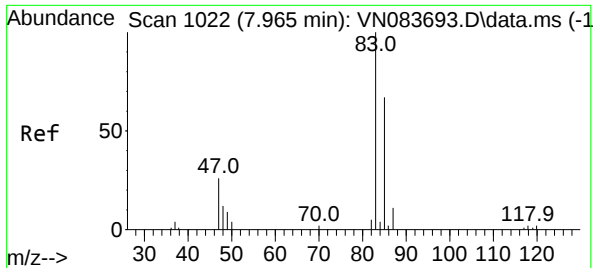


#24
Methyl tert-Butyl Ether
Concen: 18.961 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.012 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



Tgt Ion: 73 Resp: 100633
Ion Ratio Lower Upper
73 100
43 22.2 13.4 20.2#





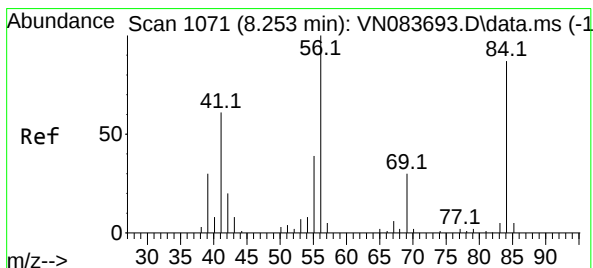
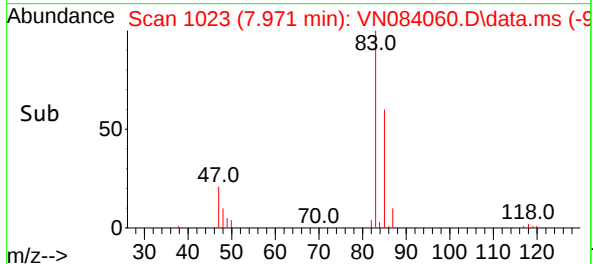
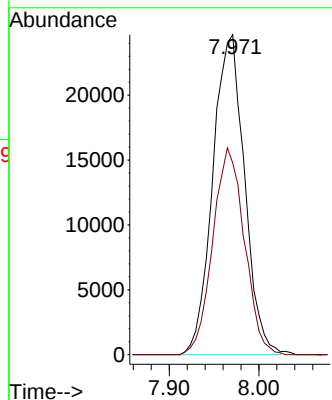
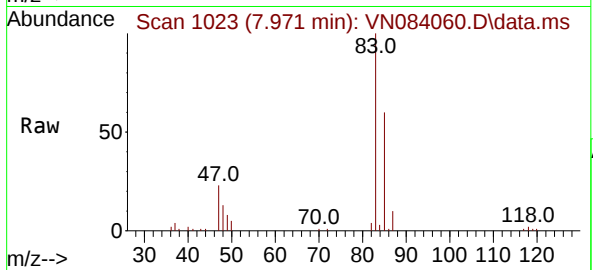
#25
Chloroform
Concen: 18.922 ug/l
RT: 7.971 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 83 Resp: 60550
Ion Ratio Lower Upper
83 100
85 60.0 50.9 76.3

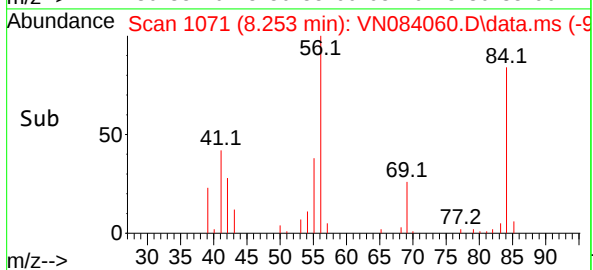
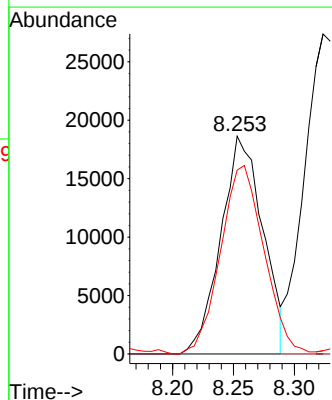
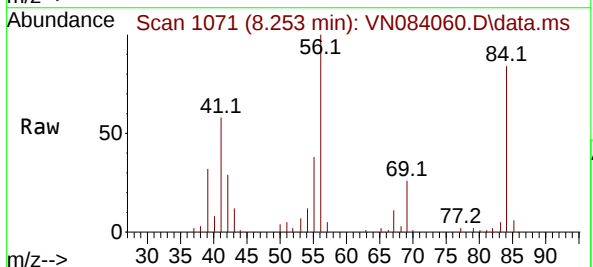
Manual Integrations
APPROVED

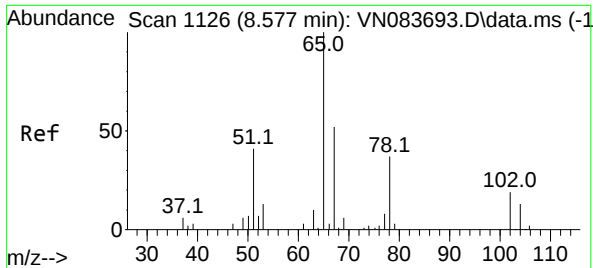
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#26
Cyclohexane
Concen: 16.794 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 56 Resp: 44667
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 89.5 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 30.129 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

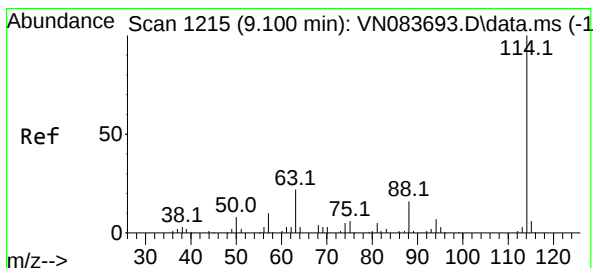
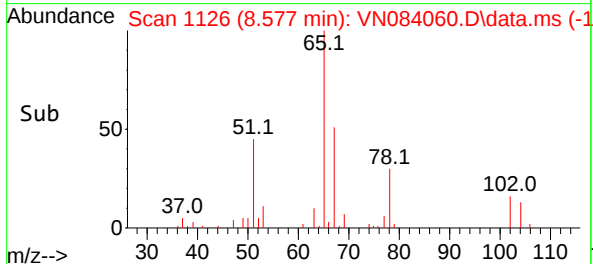
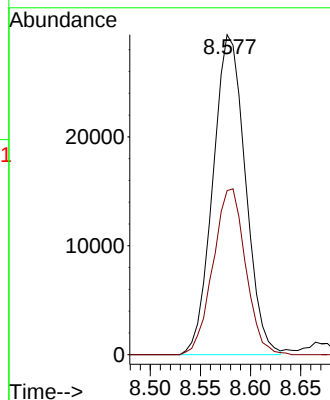
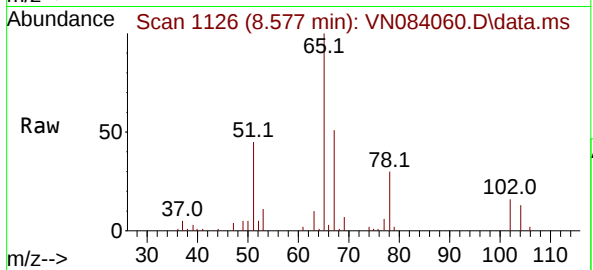
Tgt Ion: 65 Resp: 66180
Ion Ratio Lower Upper
65 100
67 51.9 43.2 64.8

Manual Integrations

APPROVED

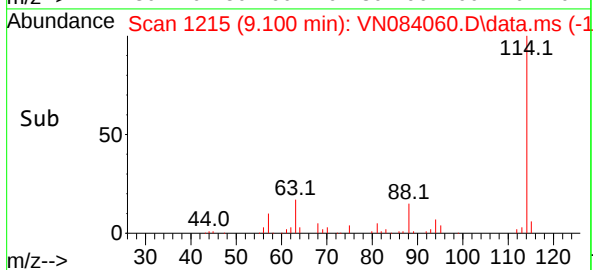
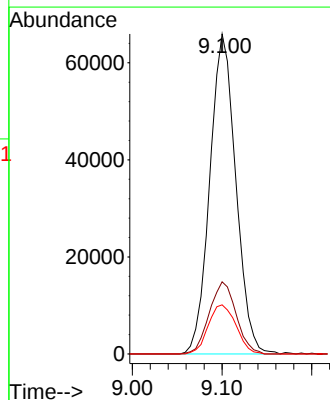
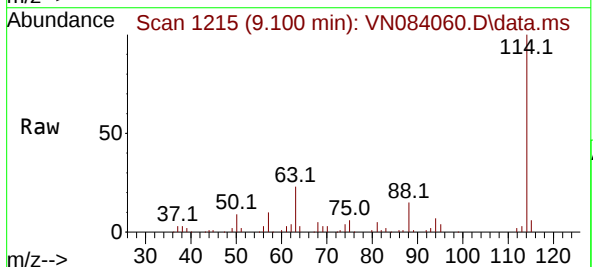
Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

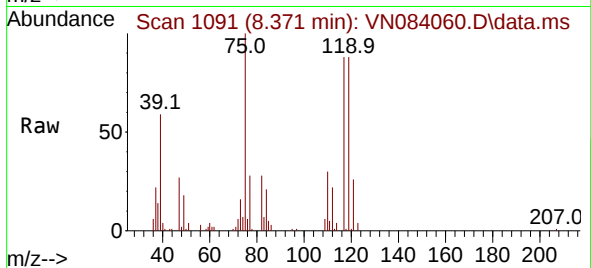
Tgt Ion:114 Resp: 132693
Ion Ratio Lower Upper
114 100
63 23.3 15.9 23.9
88 16.4 12.7 19.1





#29
1,1-Dichloropropene
Concen: 19.534 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

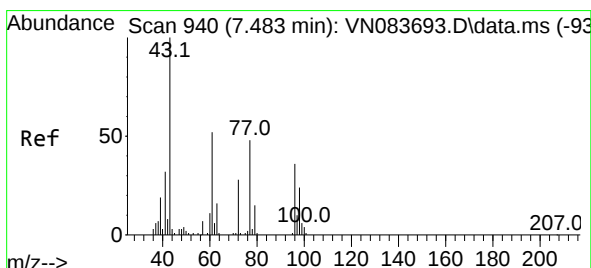
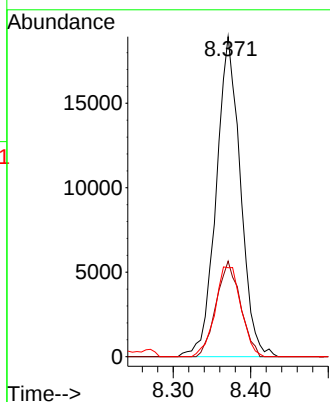
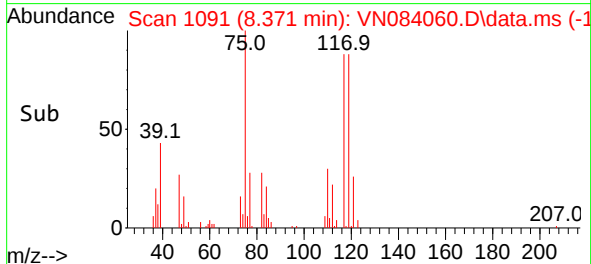
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 75 Resp: 4111
Ion Ratio Lower Upper
75 100
110 29.7 0.0 70.2
77 30.2 0.0 61.4

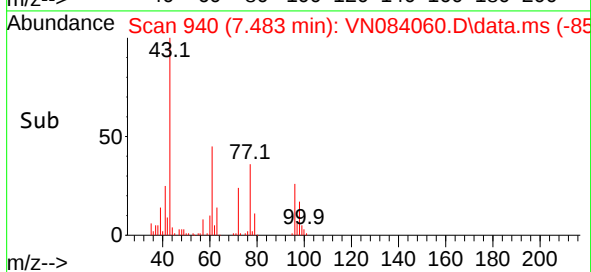
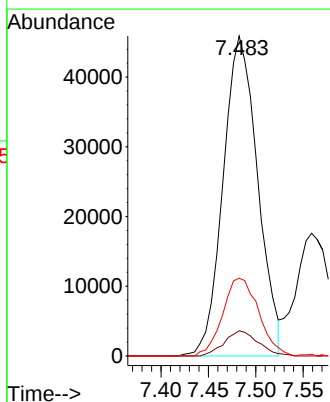
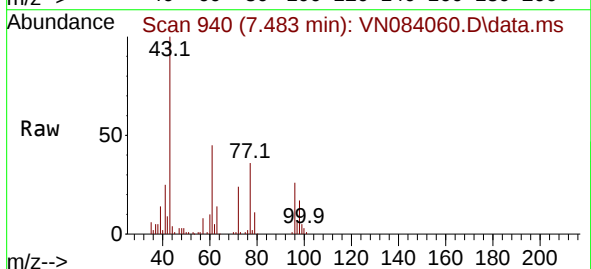
Manual Integrations
APPROVED

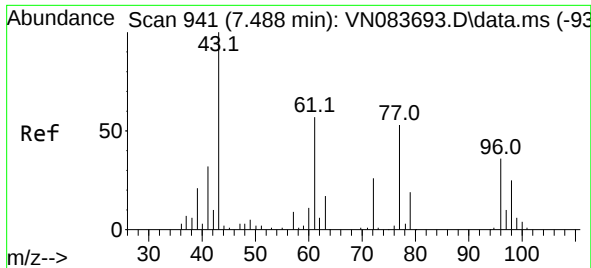
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#30
2-Butanone
Concen: 117.434 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 43 Resp: 116509
Ion Ratio Lower Upper
43 100
57 7.7 6.7 10.1
72 25.3 24.0 36.0





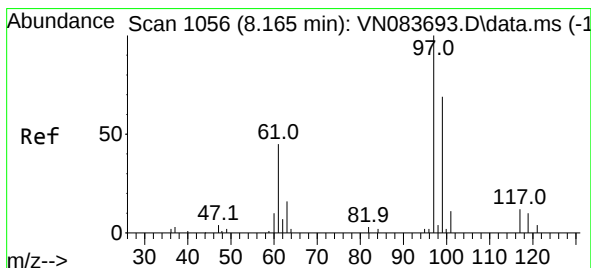
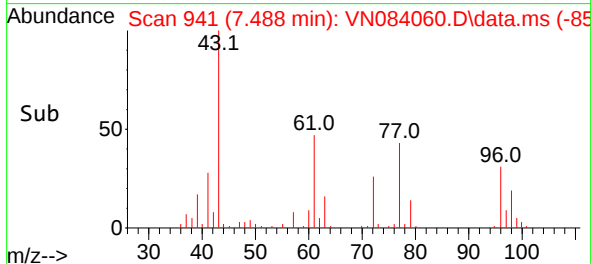
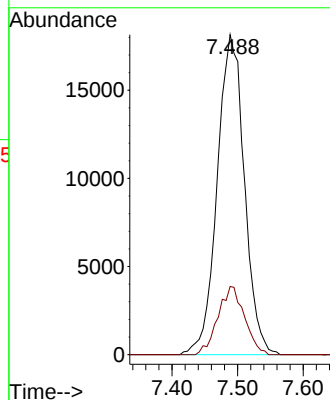
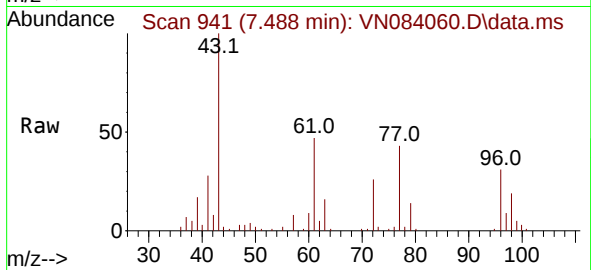
#31
2,2-Dichloropropane
Concen: 19.449 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 77 Resp: 5218
Ion Ratio Lower Upper
77 100
97 20.8 18.3 27.5

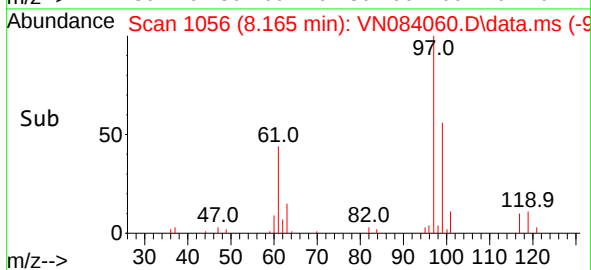
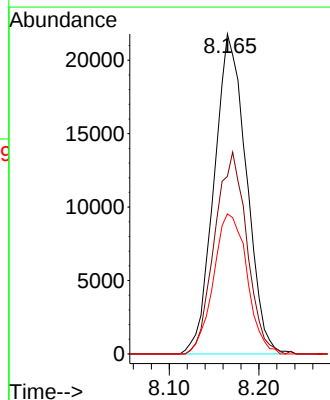
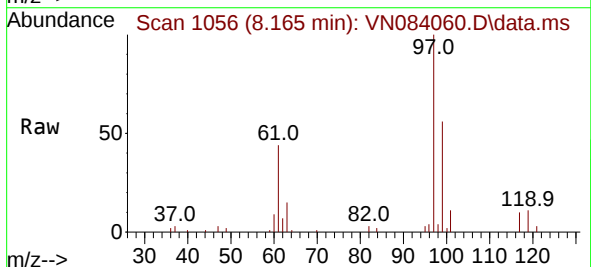
Manual Integrations
APPROVED

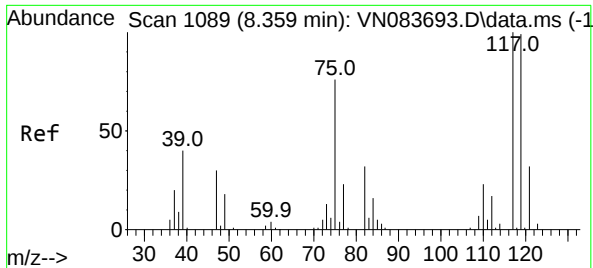
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#32
1,1,1-Trichloroethane
Concen: 19.316 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

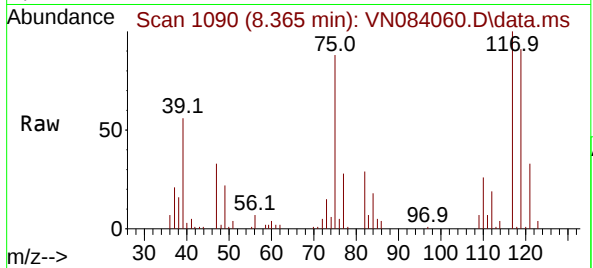
Tgt Ion: 97 Resp: 54292
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 45.4 33.8 50.8





#33
Carbon Tetrachloride
Concen: 18.923 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

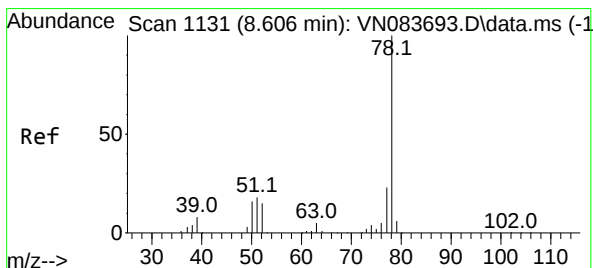
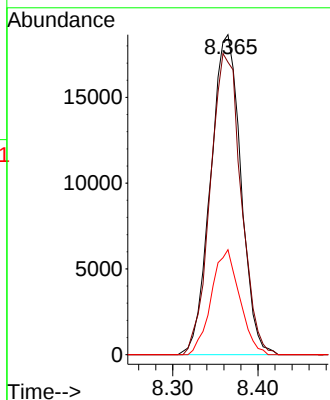
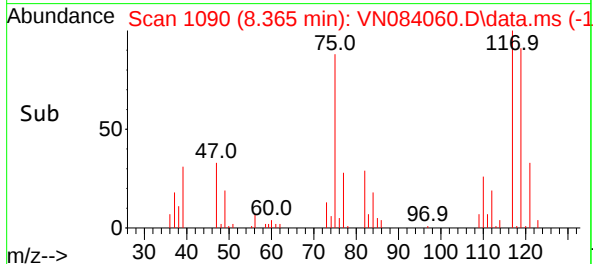
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion:117 Resp: 4606
Ion Ratio Lower Upper
117 100
119 91.4 77.7 116.5
121 32.8 27.0 40.6

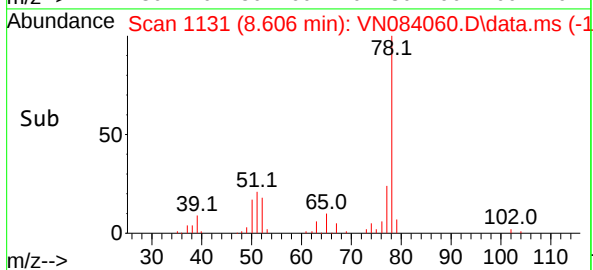
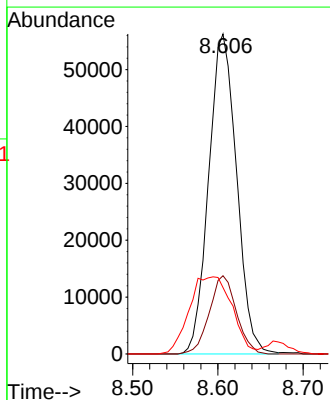
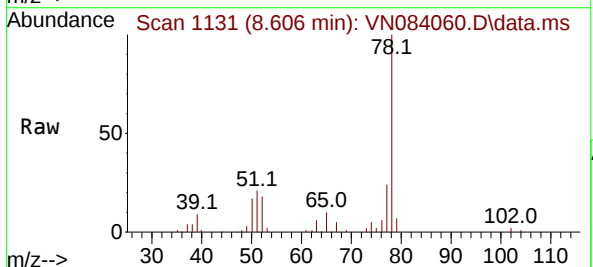
Manual Integrations
APPROVED

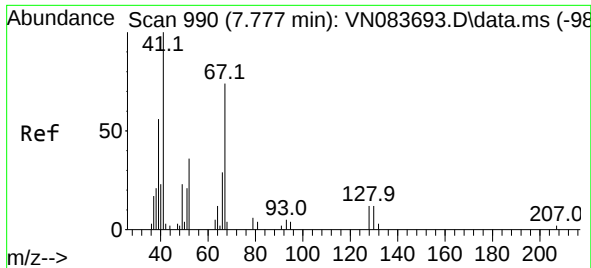
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#34
Benzene
Concen: 20.278 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

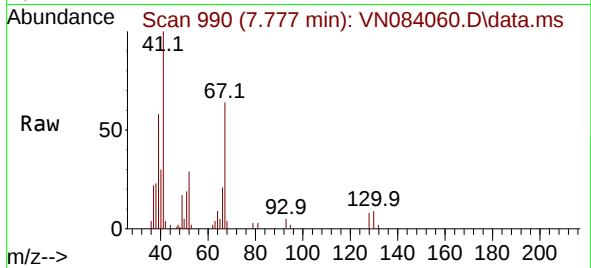
Tgt Ion: 78 Resp: 128055
Ion Ratio Lower Upper
78 100
77 24.4 19.2 28.8
51 17.0 13.3 19.9





#35
Methacrylonitrile
Concen: 22.160 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

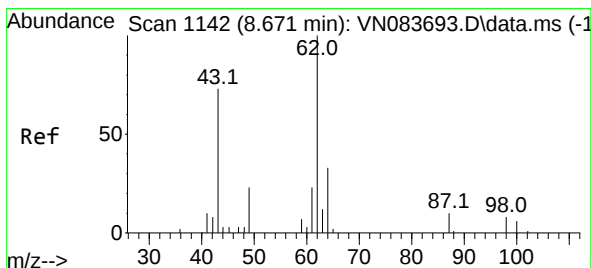
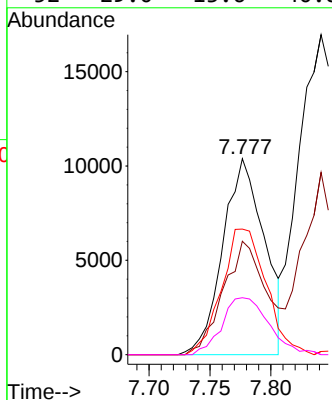
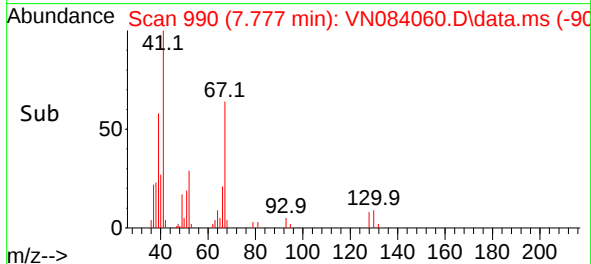
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 41 Resp: 24715
Ion Ratio Lower Upper
41 100
39 57.9 25.3 75.9
67 64.1 38.7 116.1
52 29.0 13.6 40.8

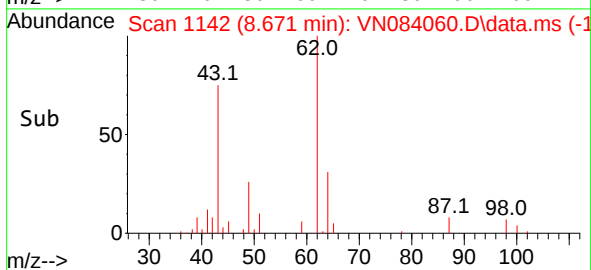
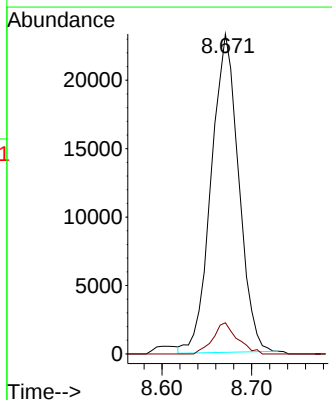
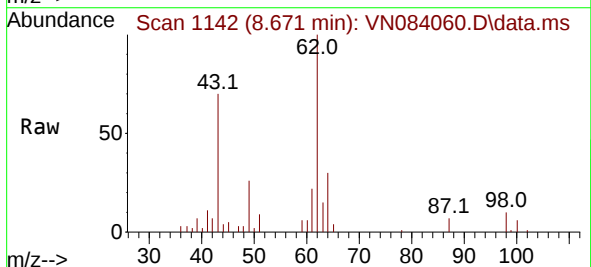
Manual Integrations
APPROVED

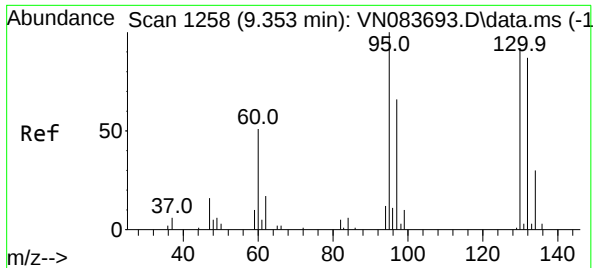
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#36
1,2-Dichloroethane
Concen: 20.834 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

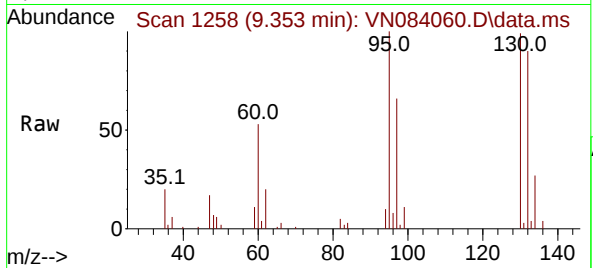
Tgt Ion: 62 Resp: 49460
Ion Ratio Lower Upper
62 100
98 8.7 8.2 12.4





#37
Trichloroethene
Concen: 19.836 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

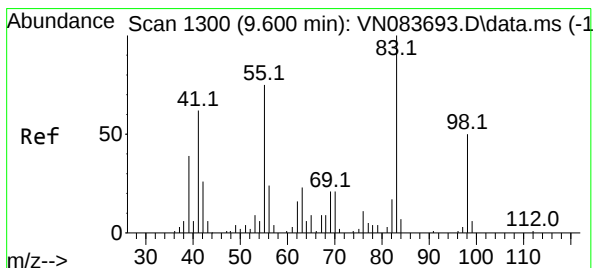
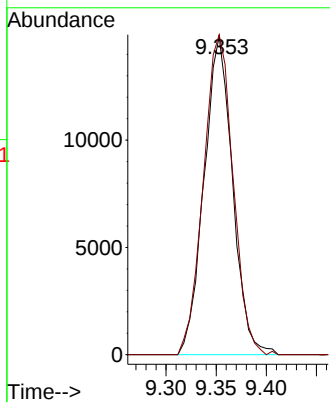
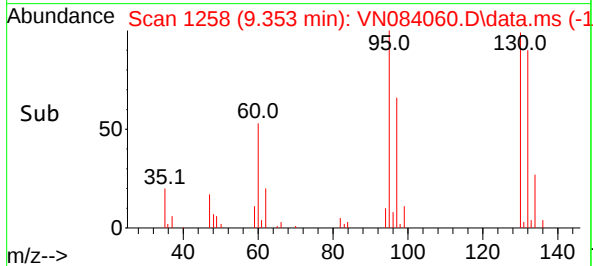
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



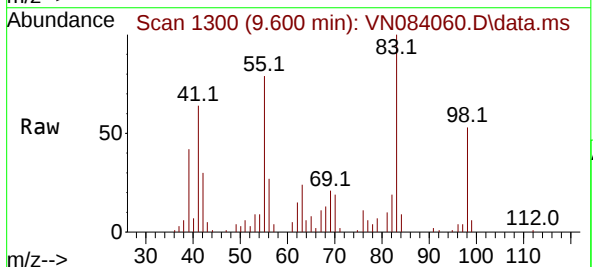
Tgt Ion:130 Resp: 29410
Ion Ratio Lower Upper
130 100
95 100.6 80.2 120.4

Manual Integrations
APPROVED

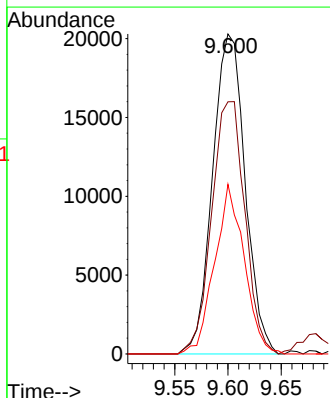
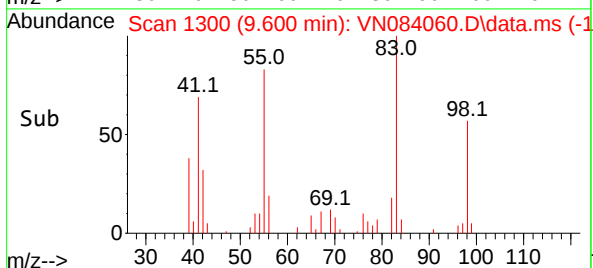
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

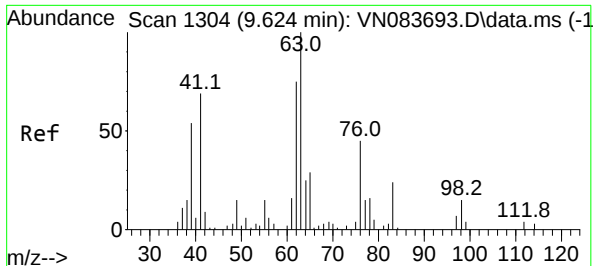


#38
Methylcyclohexane
Concen: 17.118 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



Tgt Ion: 83 Resp: 43135
Ion Ratio Lower Upper
83 100
55 80.5 36.6 109.9
98 48.3 23.8 71.5





#39

1,2-Dichloropropane

Concen: 20.937 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 63 Resp: 3182

Ion Ratio Lower Upper

63 100

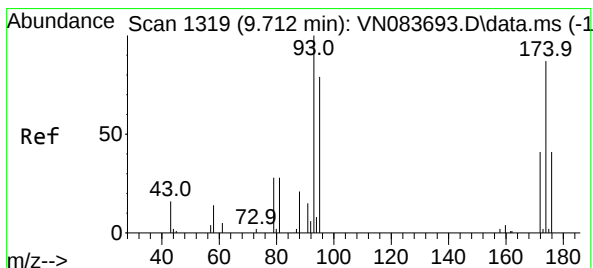
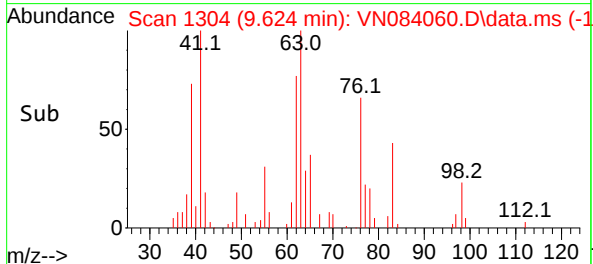
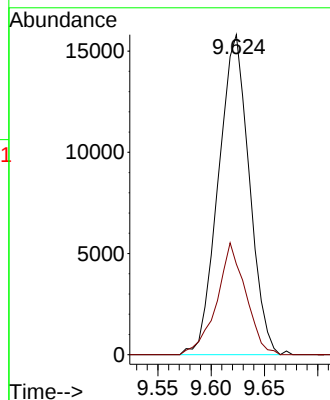
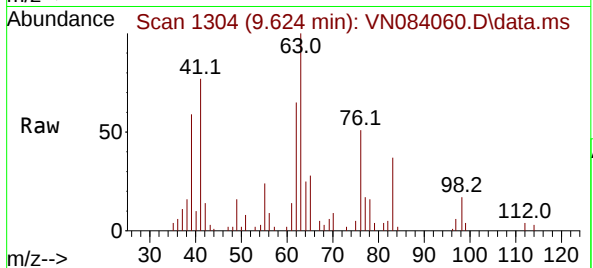
65 28.3 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#40

Dibromomethane

Concen: 20.559 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

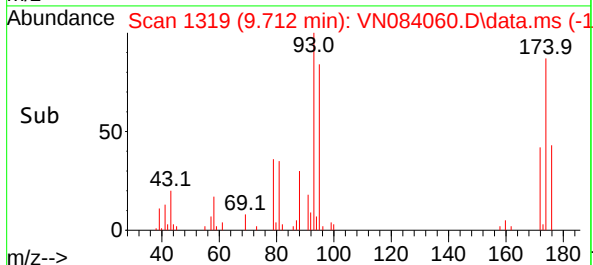
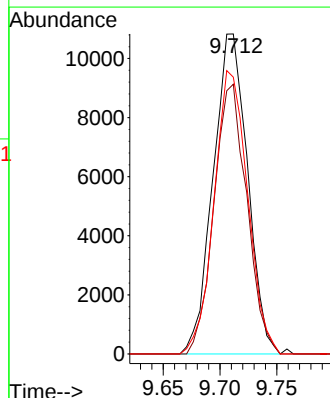
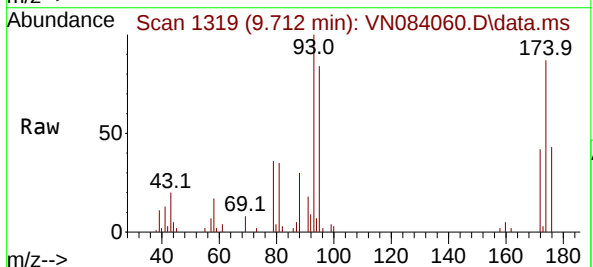
Tgt Ion: 93 Resp: 22847

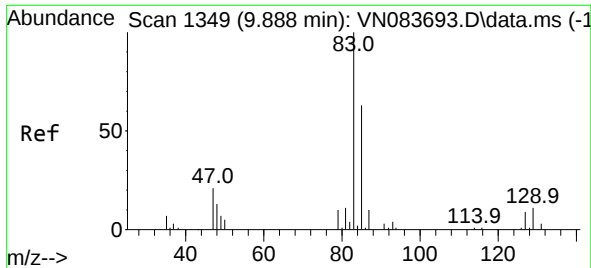
Ion Ratio Lower Upper

93 100

95 80.6 0.0 164.6

174 86.3 0.0 193.2





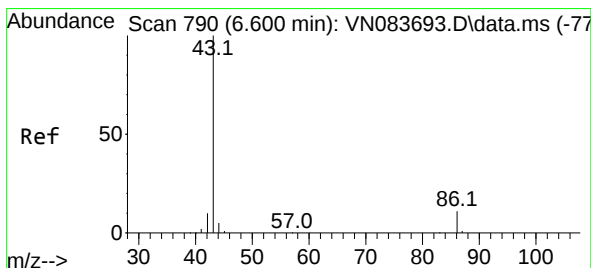
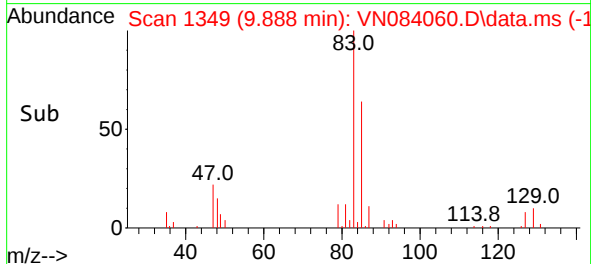
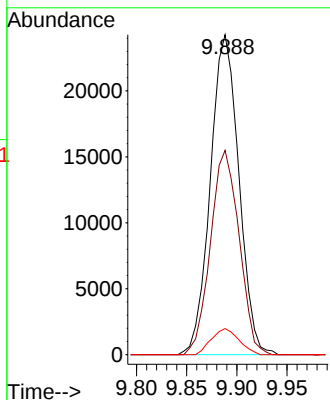
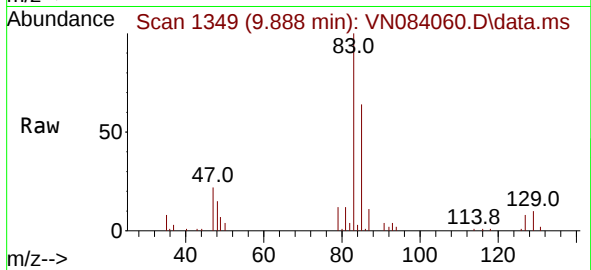
#41
Bromodichloromethane
Concen: 20.291 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 83 Resp: 4795
Ion Ratio Lower Upper
83 100
85 63.8 49.4 74.2
127 8.1 7.3 10.9

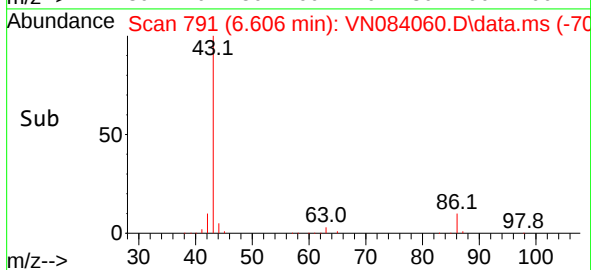
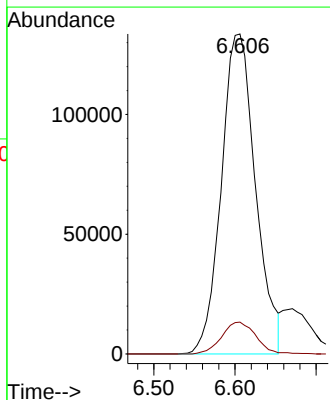
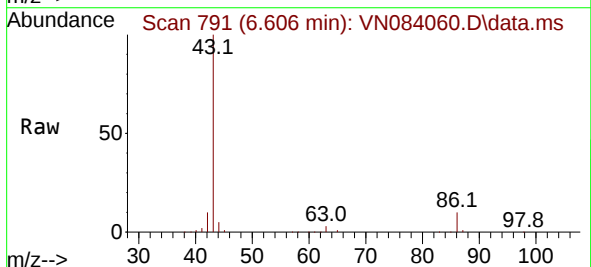
Manual Integrations
APPROVED

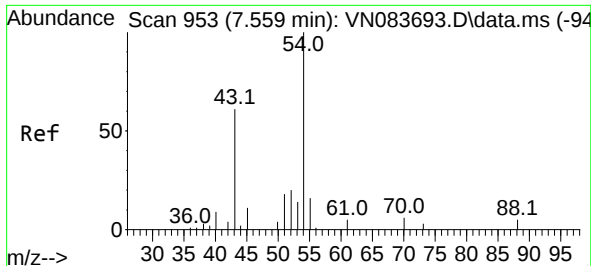
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#42
Vinyl Acetate
Concen: 96.008 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

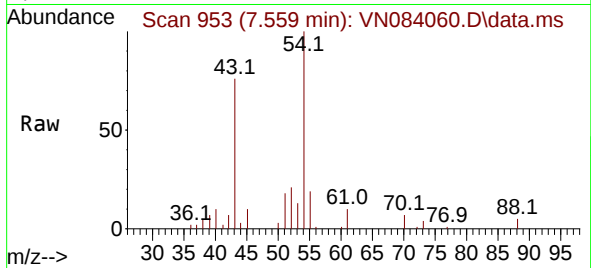
Tgt Ion: 43 Resp: 391629
Ion Ratio Lower Upper
43 100
86 9.8 9.4 14.2





#43
Ethyl Acetate
Concen: 23.720 ug/l
RT: 7.559 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

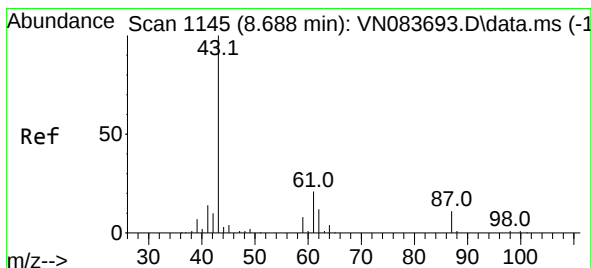
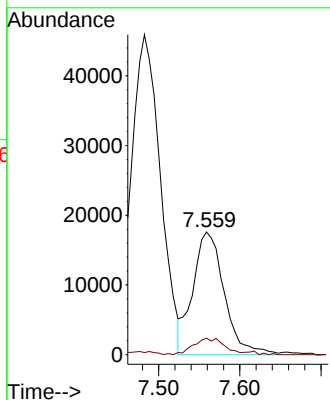
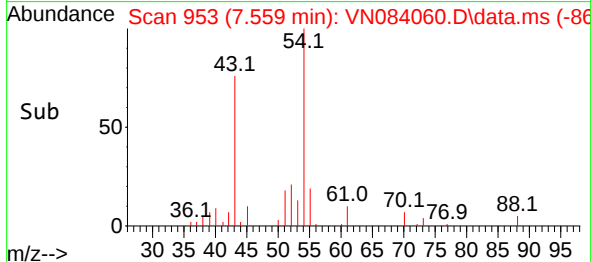
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



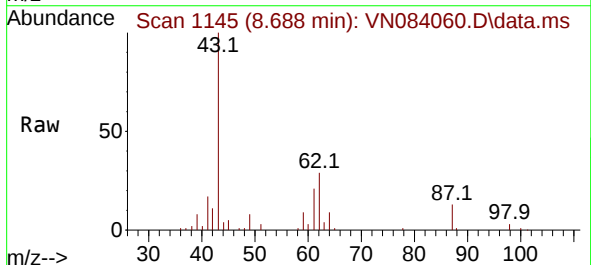
Tgt Ion: 43 Resp: 47368
Ion Ratio Lower Upper
43 100
45 8.0 10.6 15.8

Manual Integrations
APPROVED

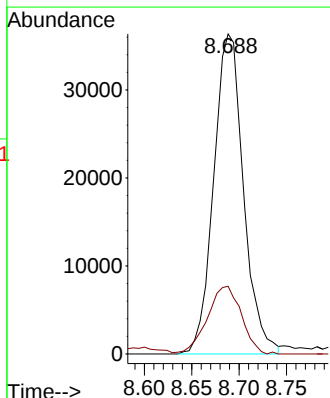
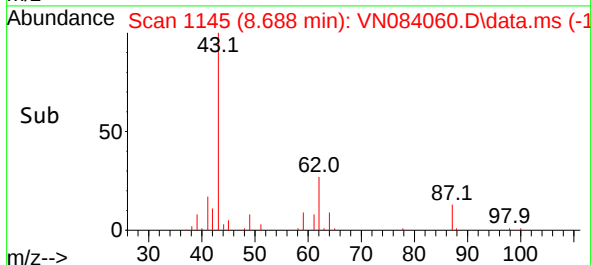
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

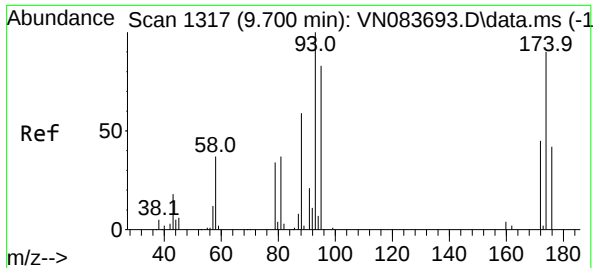


#44
Isopropyl Acetate
Concen: 23.017 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



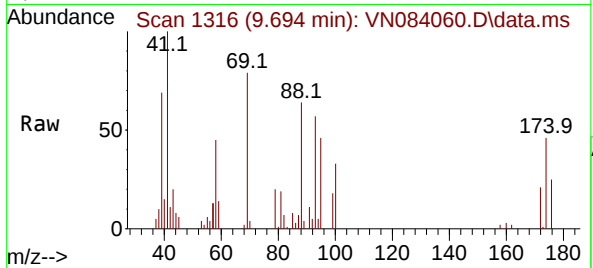
Tgt Ion: 43 Resp: 79497
Ion Ratio Lower Upper
43 100
61 24.1 25.0 37.4





#45
1,4-Dioxane
Concen: 486.689 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

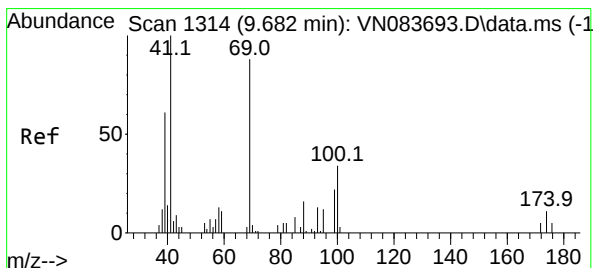
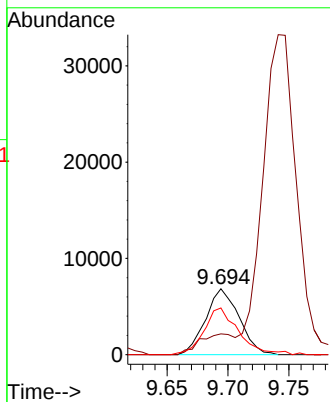
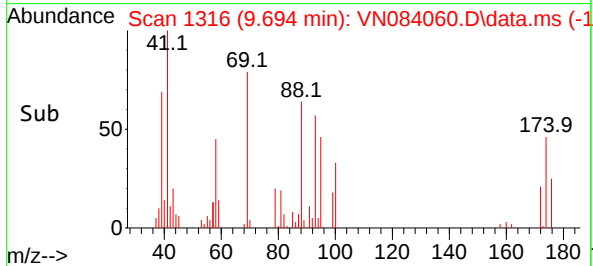
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



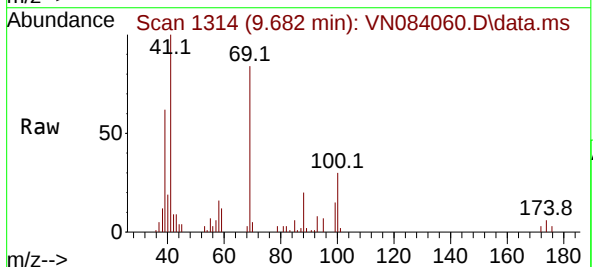
Tgt Ion: 88 Resp: 1311
Ion Ratio Lower Upper
88 100
43 33.3 19.8 29.6
58 71.9 55.4 83.0

Manual Integrations
APPROVED

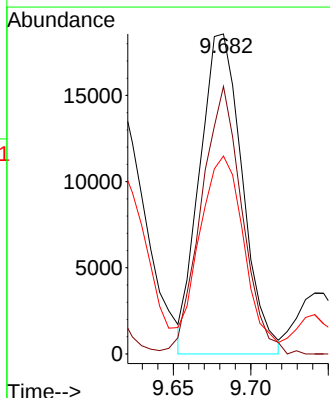
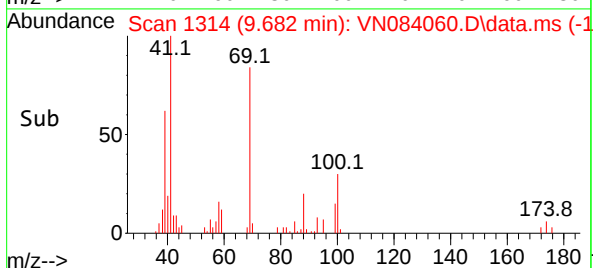
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

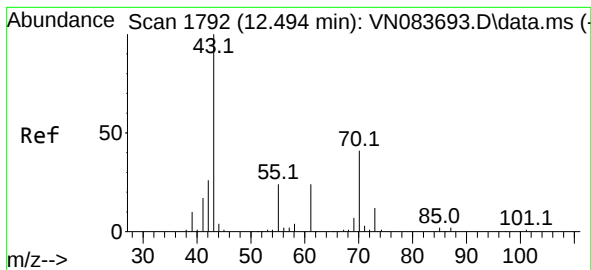


#46
Methyl methacrylate
Concen: 21.238 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



Tgt Ion: 41 Resp: 35505
Ion Ratio Lower Upper
41 100
69 83.5 51.1 153.3
39 60.9 25.8 77.3





#47

n-amyl acetate

Concen: 21.475 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion: 43 Resp: 65702

Ion Ratio Lower Upper

43 100

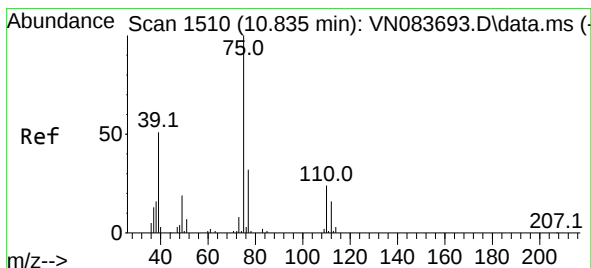
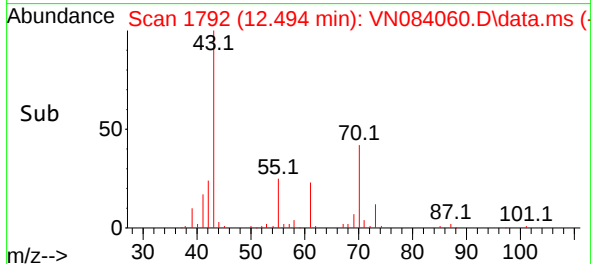
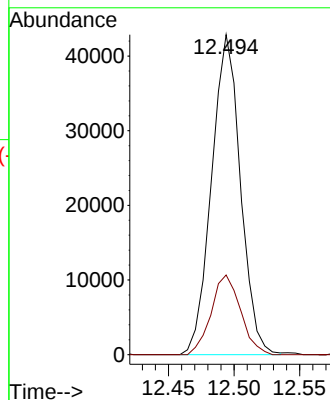
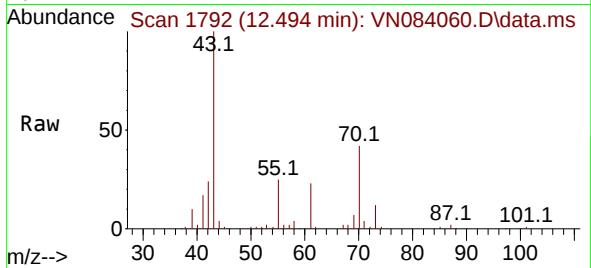
55 25.3 23.4 35.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#48

t-1,3-Dichloropropene

Concen: 19.104 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN084060.D

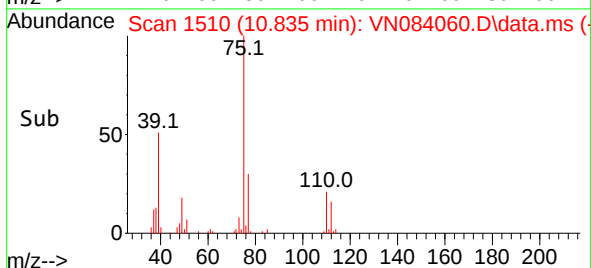
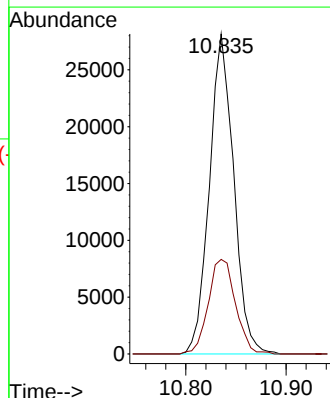
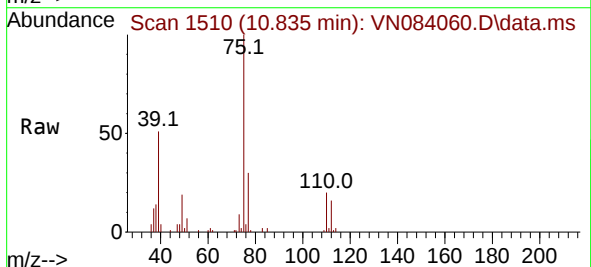
Acq: 20 Sep 2024 10:44

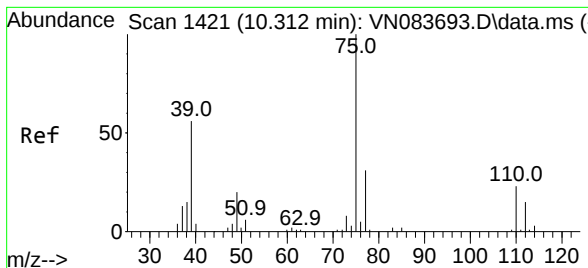
Tgt Ion: 75 Resp: 47488

Ion Ratio Lower Upper

75 100

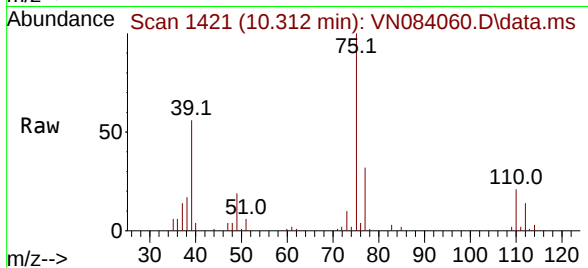
77 29.6 23.8 35.6





#49
cis-1,3-Dichloropropene
Concen: 19.872 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

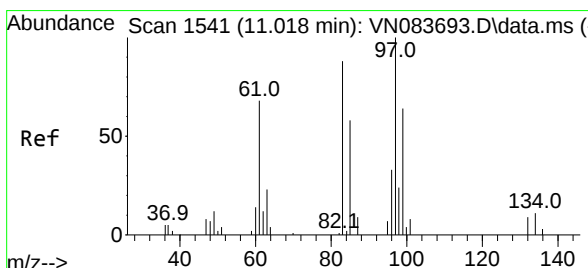
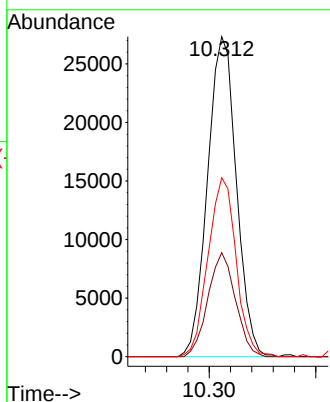
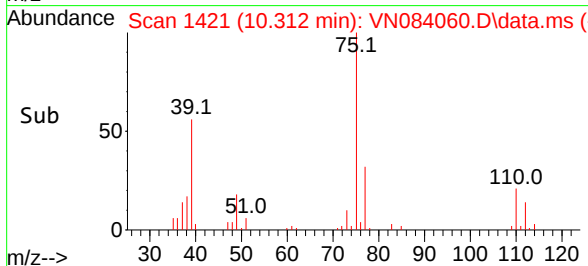
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 75 Resp: 51372
Ion Ratio Lower Upper
75 100
77 32.5 24.9 37.3
39 55.9 31.0 46.6

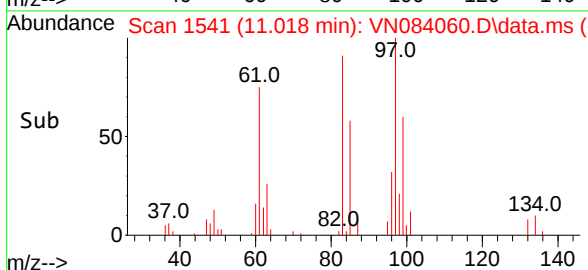
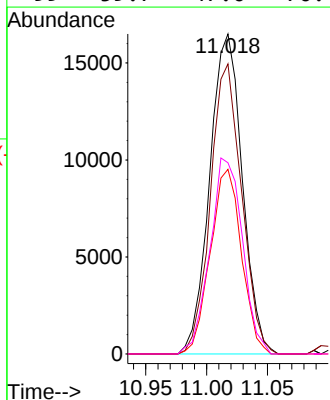
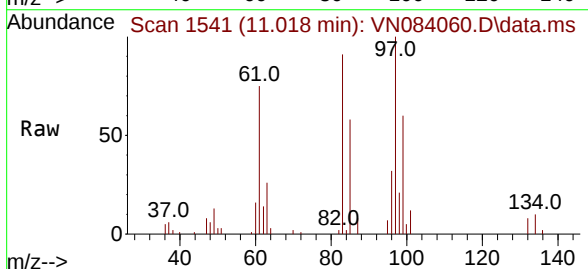
Manual Integrations
APPROVED

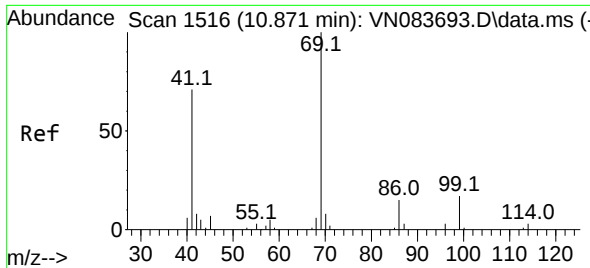
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#50
1,1,2-Trichloroethane
Concen: 21.728 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

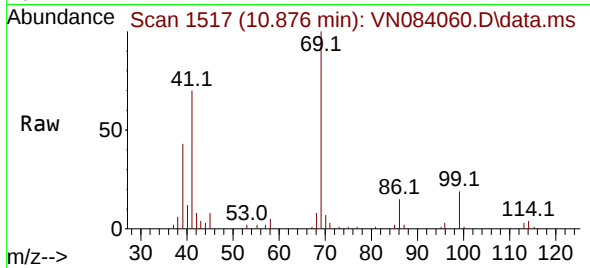
Tgt Ion: 97 Resp: 30726
Ion Ratio Lower Upper
97 100
83 90.6 68.1 102.1
85 57.7 41.8 62.6
99 59.7 47.0 70.4





#51
Ethyl methacrylate
Concen: 19.418 ug/l
RT: 10.876 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

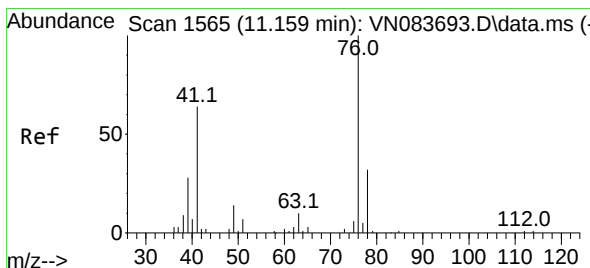
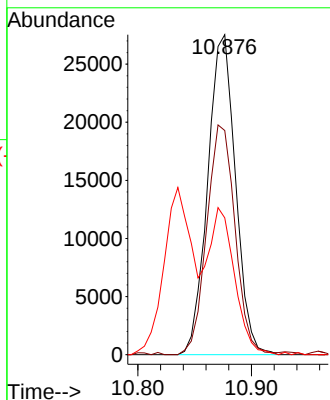
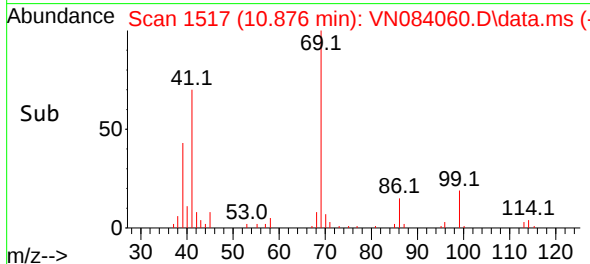
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 69 Resp: 46912
Ion Ratio Lower Upper
69 100
41 70.0 25.5 76.5
39 42.8 16.0 47.9

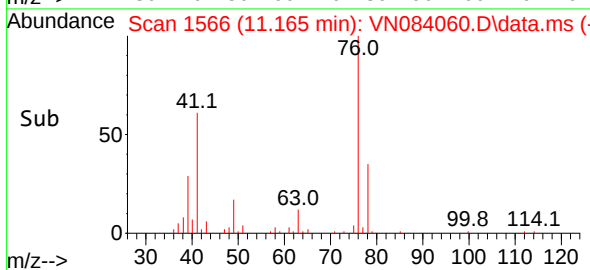
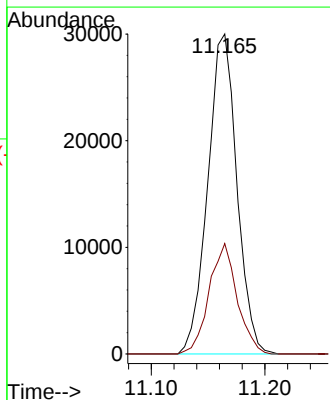
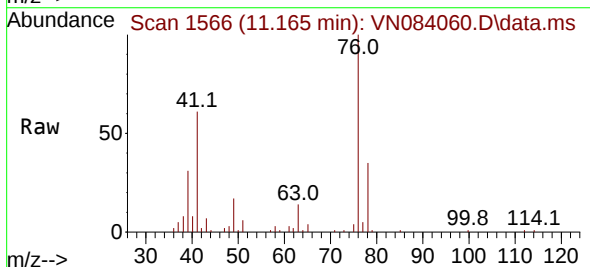
Manual Integrations
APPROVED

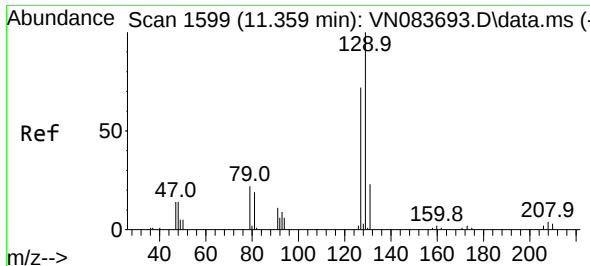
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#52
1,3-Dichloropropane
Concen: 20.946 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 76 Resp: 53489
Ion Ratio Lower Upper
76 100
78 33.2 0.0 65.8





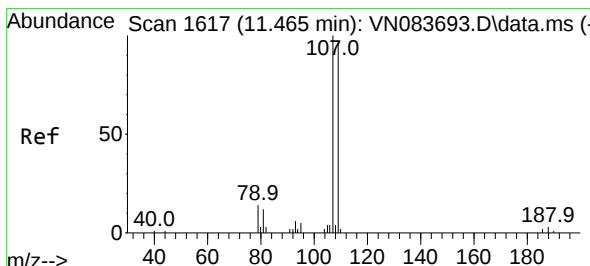
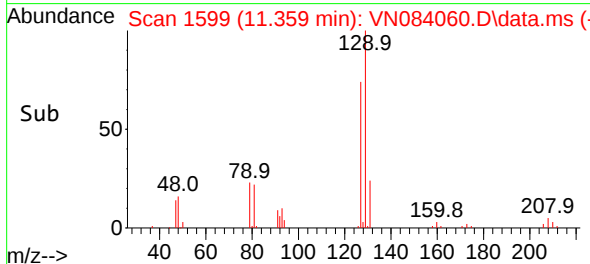
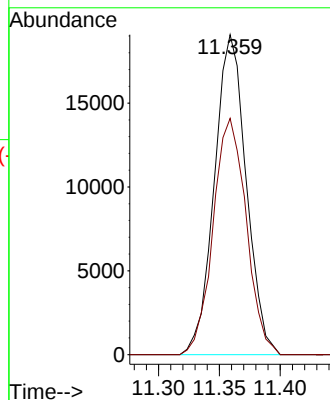
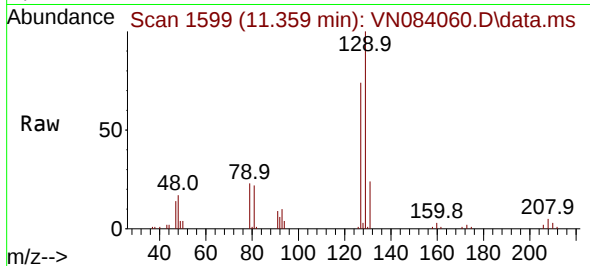
#53
Dibromochloromethane
Concen: 20.483 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:129 Resp: 3474
Ion Ratio Lower Upper
129 100
127 76.6 39.4 118.1

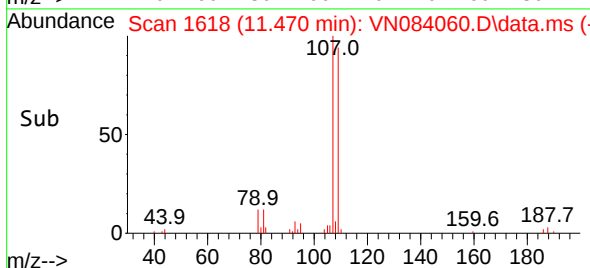
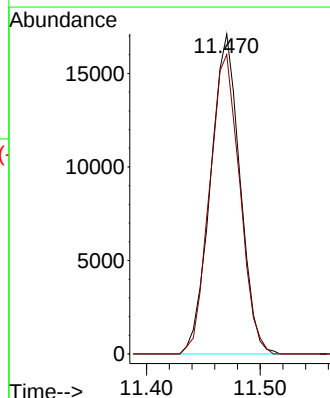
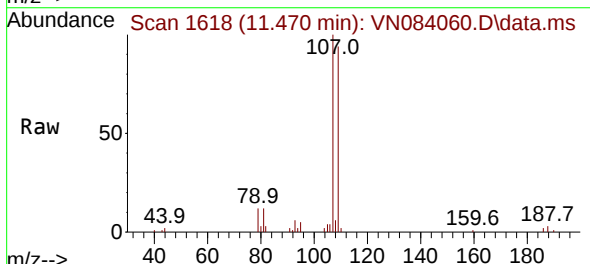
Manual Integrations
APPROVED

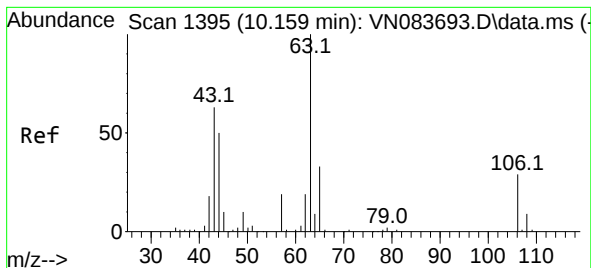
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#54
1,2-Dibromoethane
Concen: 21.040 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

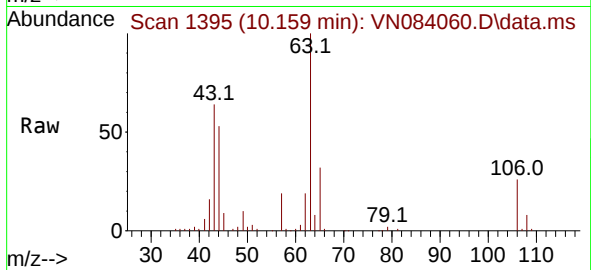
Tgt Ion:107 Resp: 30780
Ion Ratio Lower Upper
107 100
109 95.7 74.7 112.1





#55
2-Chloroethyl vinyl ether
Concen: 124.565 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

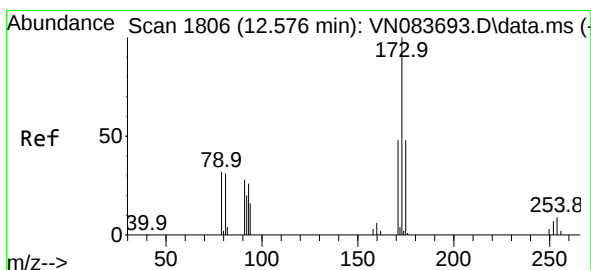
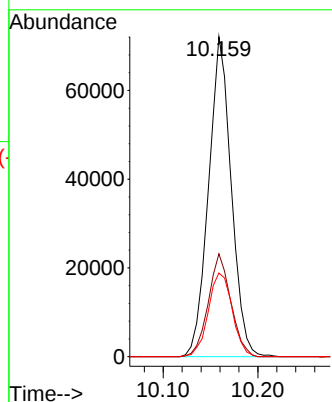
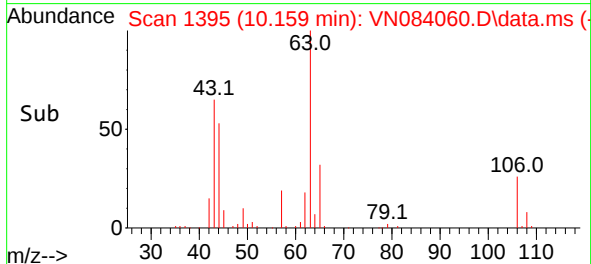
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 63 Resp: 119932
Ion Ratio Lower Upper
63 100
65 31.9 26.2 39.2
106 27.6 23.8 35.8

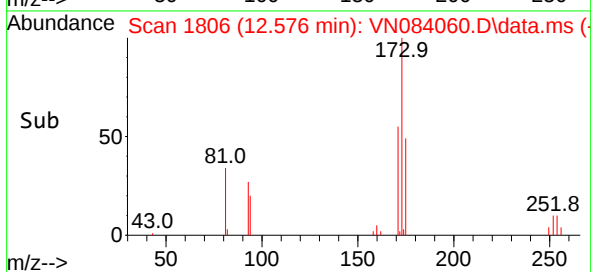
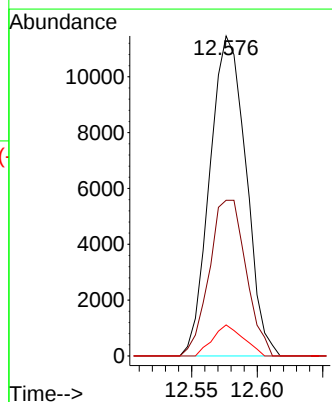
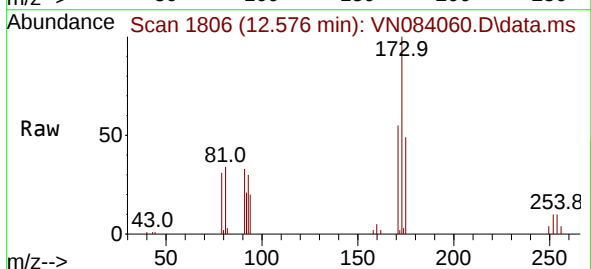
Manual Integrations
APPROVED

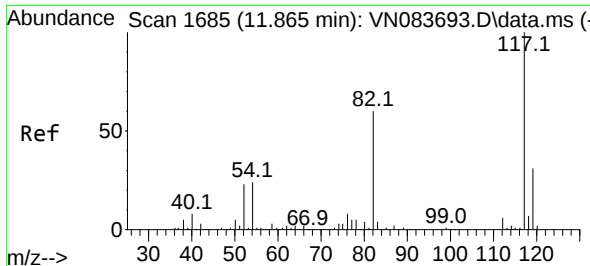
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#56
Bromoform
Concen: 20.383 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:173 Resp: 21964
Ion Ratio Lower Upper
173 100
175 49.6 40.0 60.0
254 8.2 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: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion:117 Resp: 12214

Ion Ratio Lower Upper

117 100

82 60.1 46.6 69.8

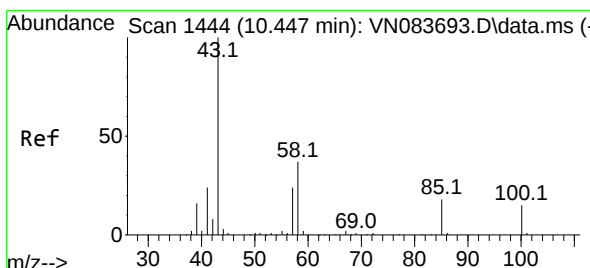
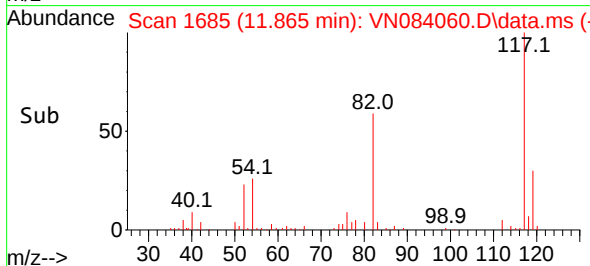
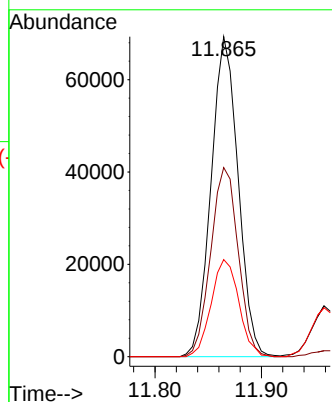
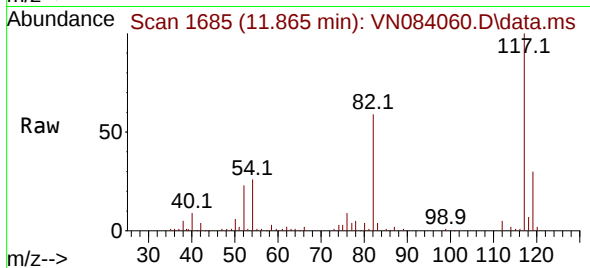
119 31.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#58

4-Methyl-2-Pentanone

Concen: 119.133 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

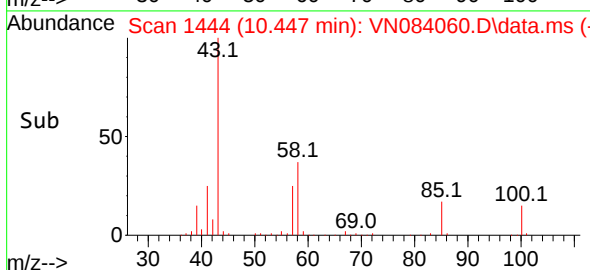
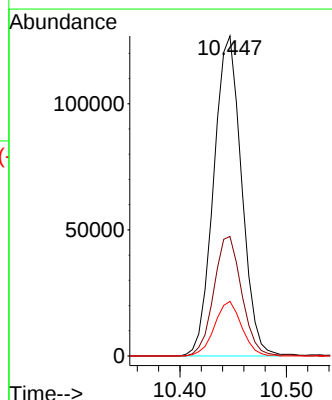
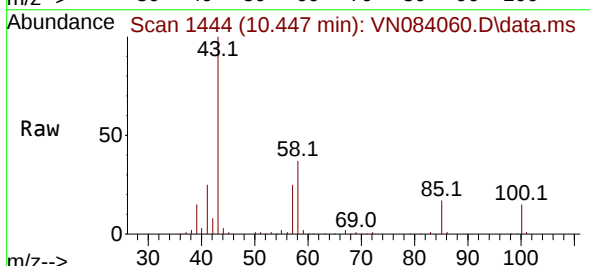
Tgt Ion: 43 Resp: 230724

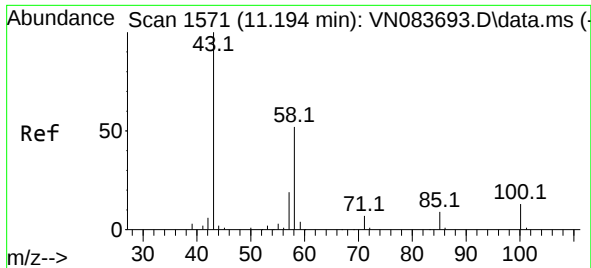
Ion Ratio Lower Upper

43 100

58 37.2 36.5 54.7

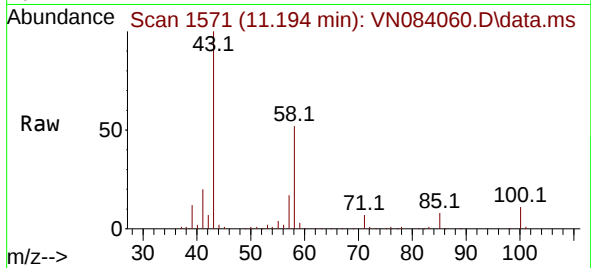
85 16.6 19.5 29.3#





#59
2-Hexanone
Concen: 117.779 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

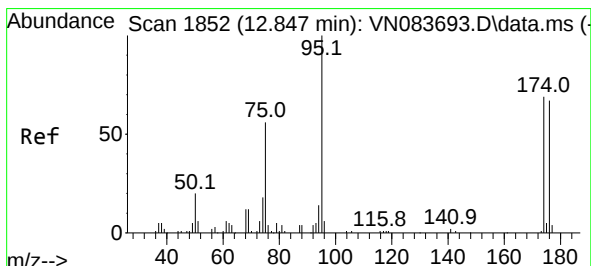
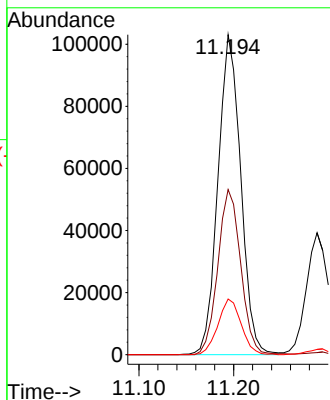
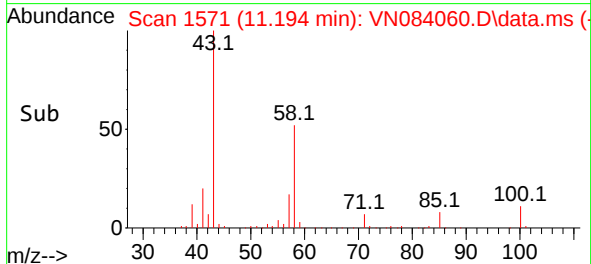
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



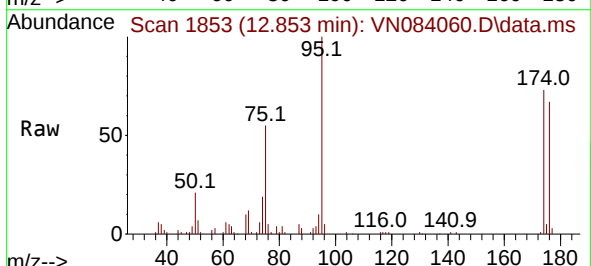
Tgt Ion: 43 Resp: 172350
Ion Ratio Lower Upper
43 100
58 51.7 50.4 75.6
57 17.7 18.6 27.8

Manual Integrations
APPROVED

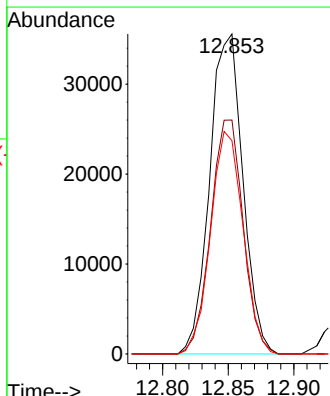
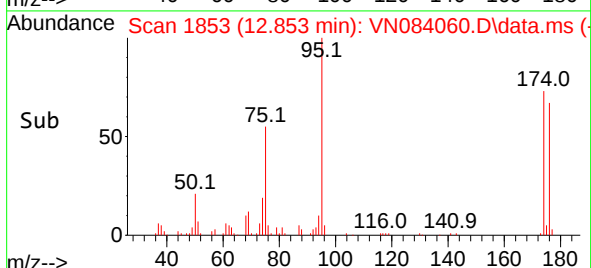
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

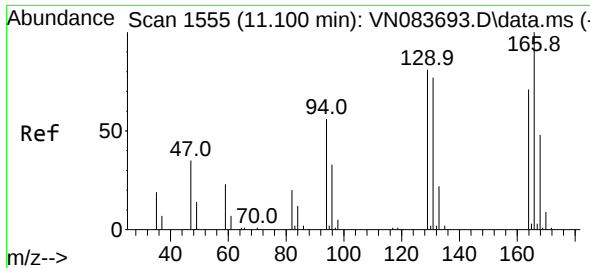


#60
4-Bromofluorobenzene
Concen: 29.740 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



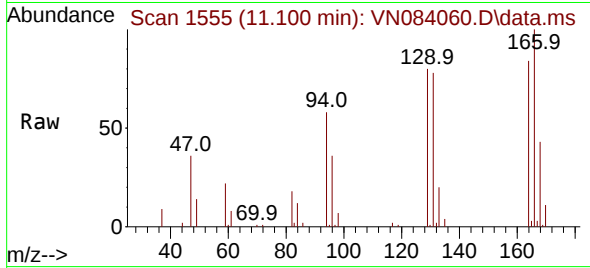
Tgt Ion: 95 Resp: 62605
Ion Ratio Lower Upper
95 100
174 71.4 60.5 90.7
176 68.1 57.8 86.6





#61
Tetrachloroethene
Concen: 18.930 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

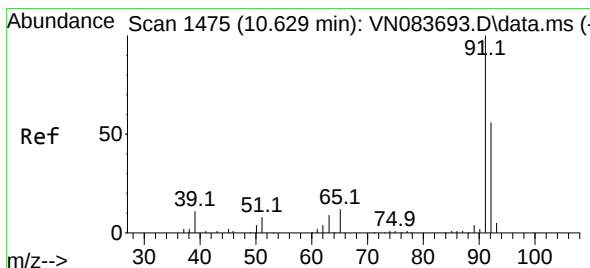
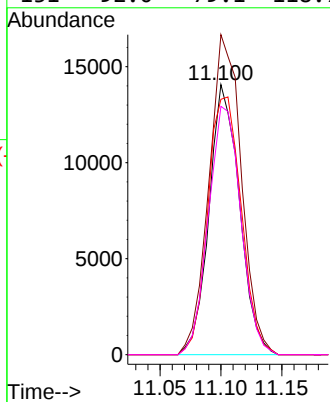
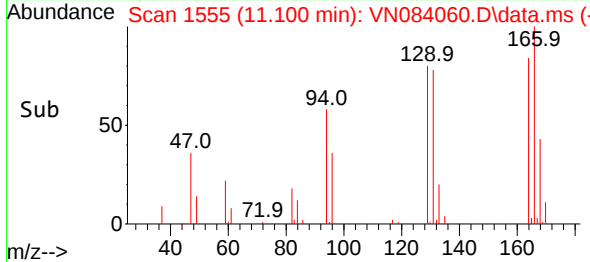
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



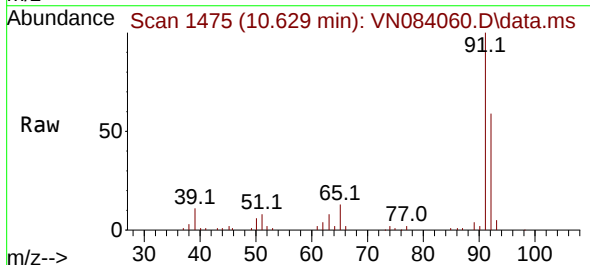
Tgt Ion:164 Resp: 24470
Ion Ratio Lower Upper
164 100
166 118.5 106.7 160.1
129 94.5 85.8 128.6
131 92.0 79.1 118.7

Manual Integrations
APPROVED

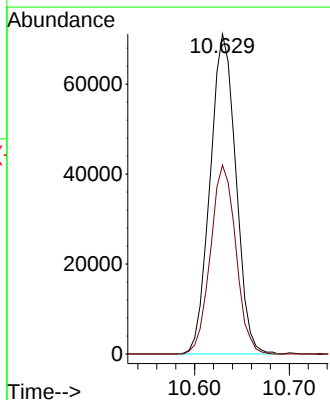
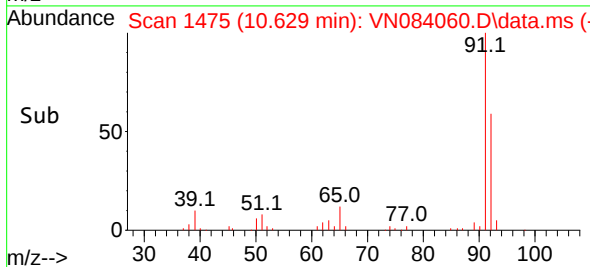
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

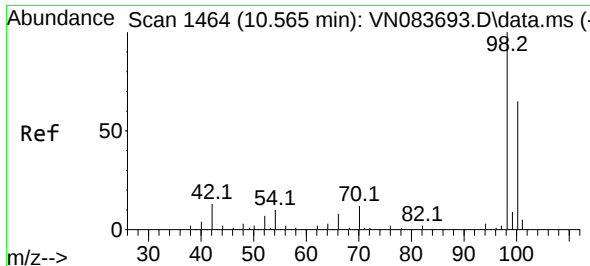


#62
Toluene
Concen: 19.136 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



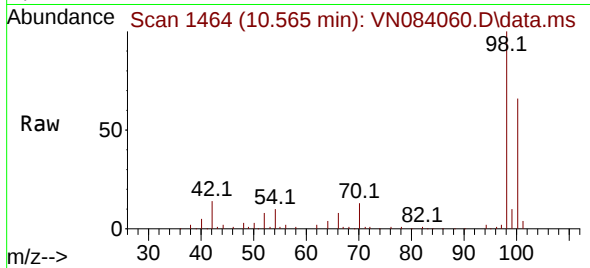
Tgt Ion: 91 Resp: 134342
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7





#63
Toluene-d8
Concen: 30.208 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

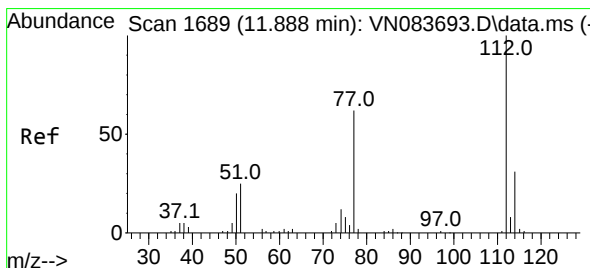
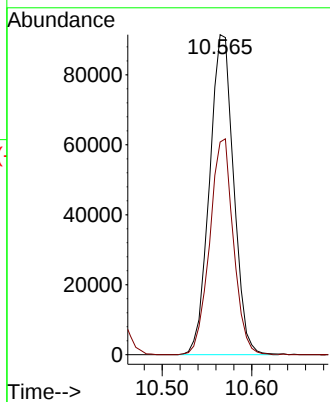
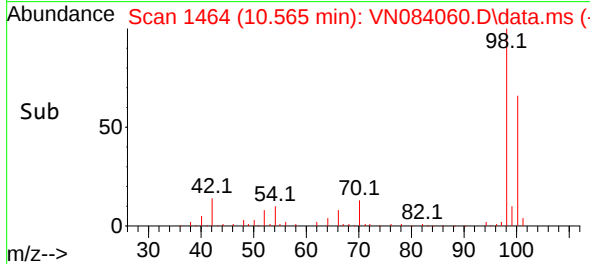
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion: 98 Resp: 170840
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1

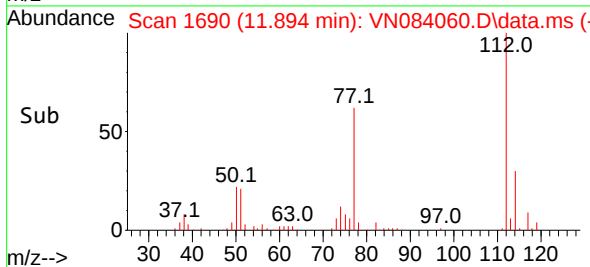
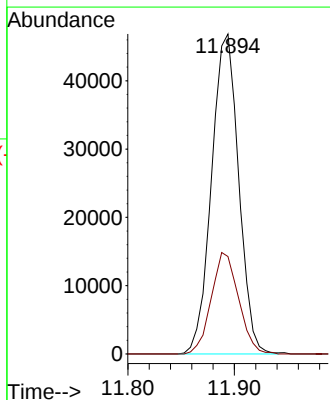
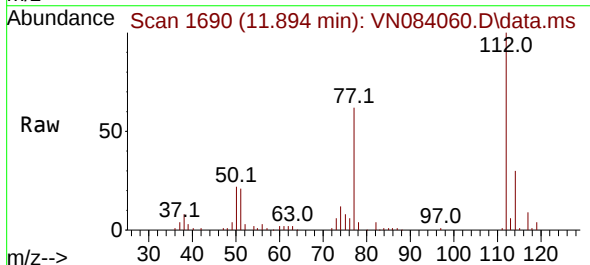
Manual Integrations
APPROVED

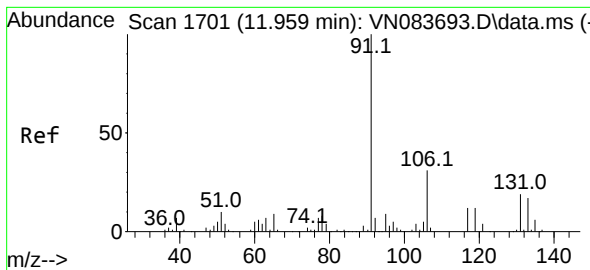
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#64
Chlorobenzene
Concen: 19.057 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:112 Resp: 82832
Ion Ratio Lower Upper
112 100
114 30.5 26.6 39.8





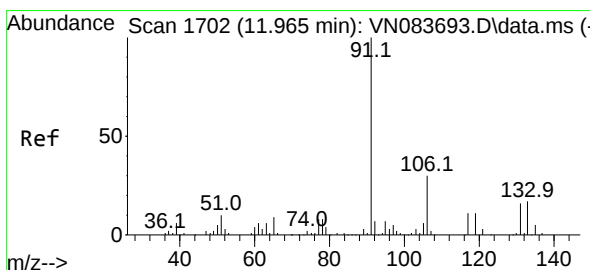
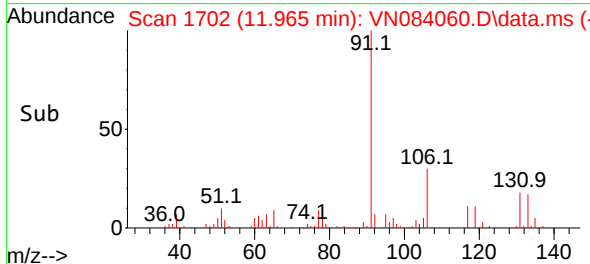
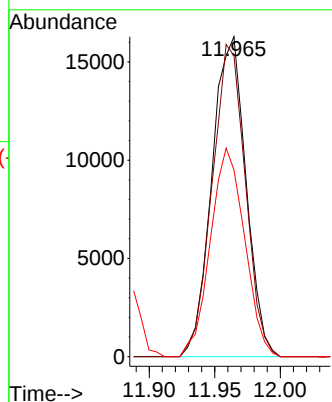
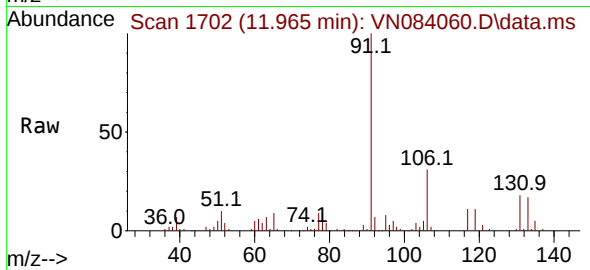
#65
1,1,1,2-Tetrachloroethane
Concen: 19.416 ug/l
RT: 11.965 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:131 Resp: 2939
Ion Ratio Lower Upper
131 100
133 95.2 0.0 188.0
119 65.5 0.0 122.8

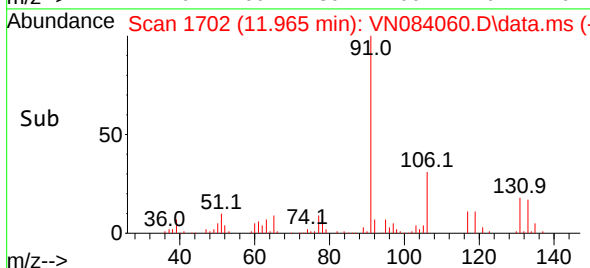
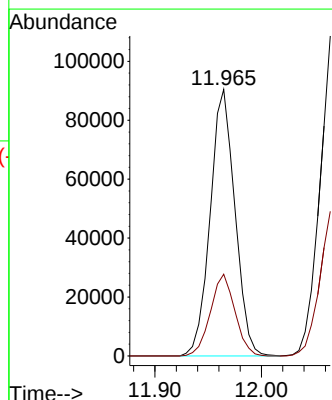
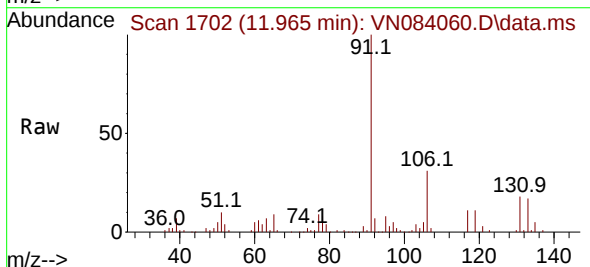
Manual Integrations
APPROVED

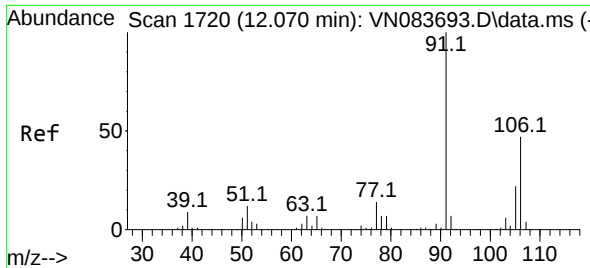
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#66
Ethyl Benzene
Concen: 18.291 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion: 91 Resp: 146031
Ion Ratio Lower Upper
91 100
106 30.7 24.4 36.6





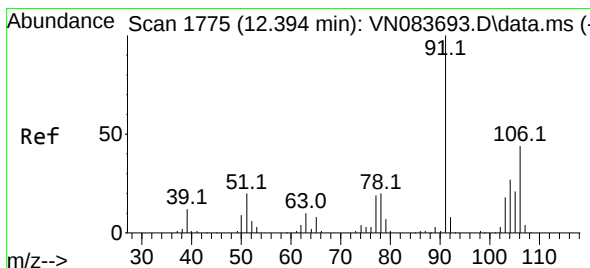
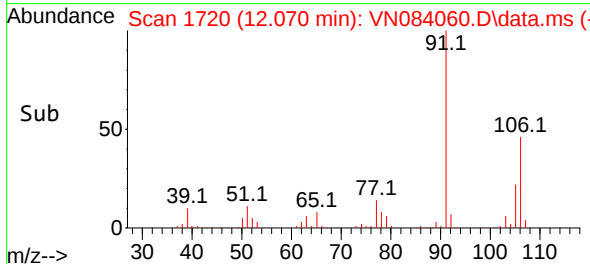
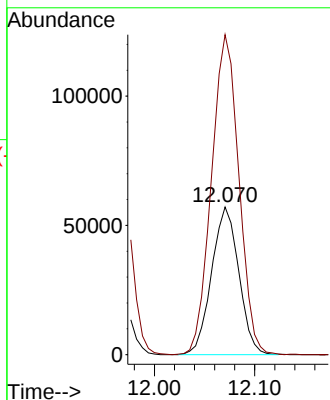
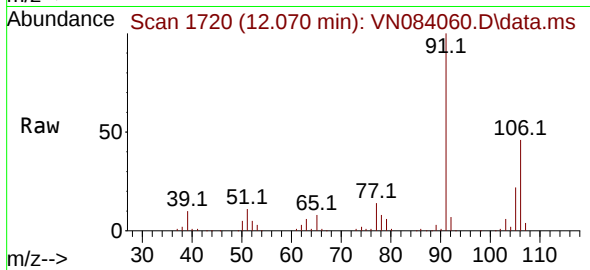
#67
m/p-Xylenes
Concen: 36.659 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:106 Resp: 107678
Ion Ratio Lower Upper
106 100
91 218.5 166.6 249.8

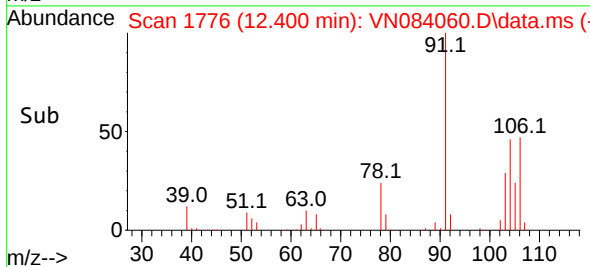
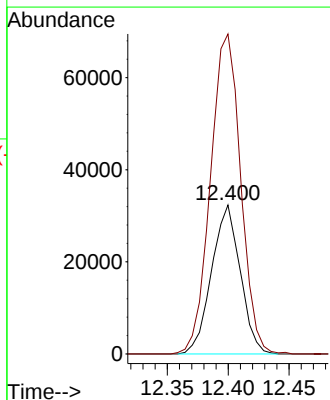
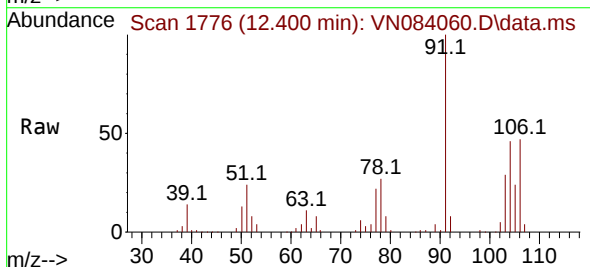
Manual Integrations
APPROVED

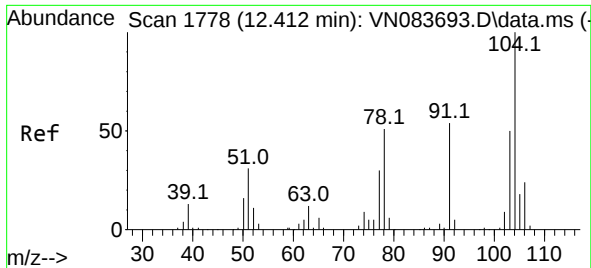
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#68
o-Xylene
Concen: 18.616 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:106 Resp: 52922
Ion Ratio Lower Upper
106 100
91 226.8 110.0 330.0





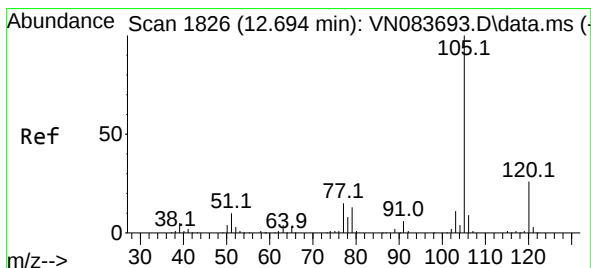
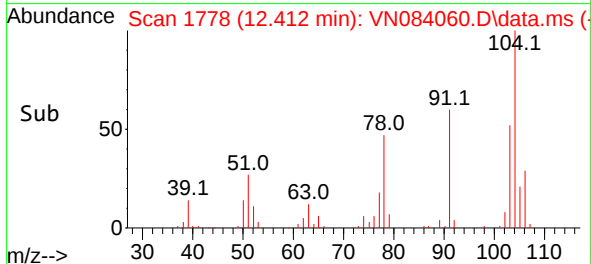
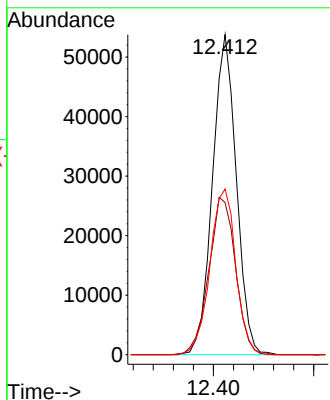
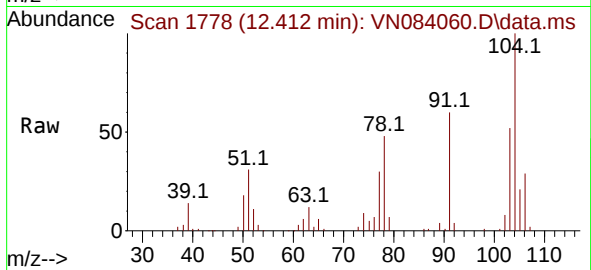
#69
Styrene
Concen: 18.446 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:104 Resp: 88602
Ion Ratio Lower Upper
104 100
78 55.1 42.6 64.0
103 56.1 43.7 65.5

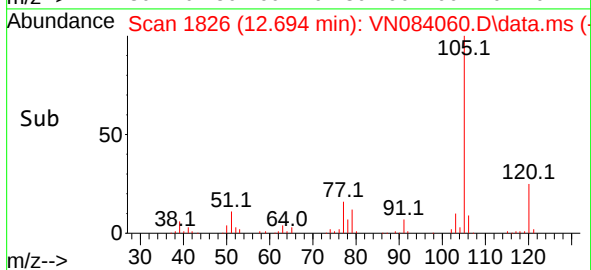
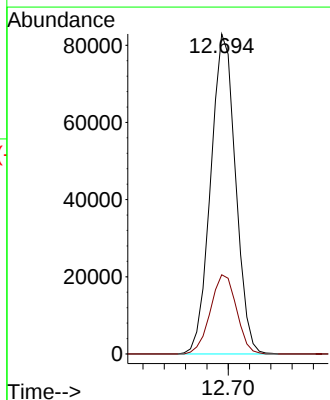
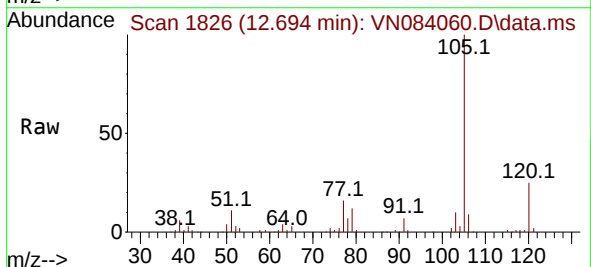
Manual Integrations
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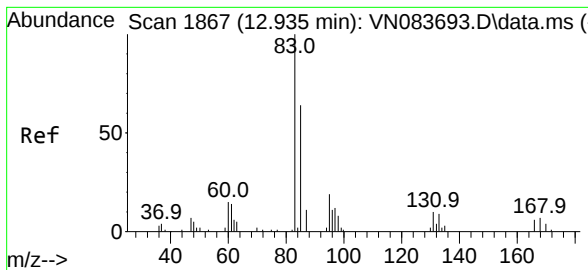
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#70
Isopropylbenzene
Concen: 17.893 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:105 Resp: 134235
Ion Ratio Lower Upper
105 100
120 26.0 17.8 33.1





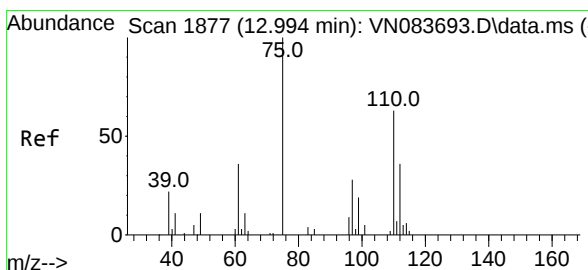
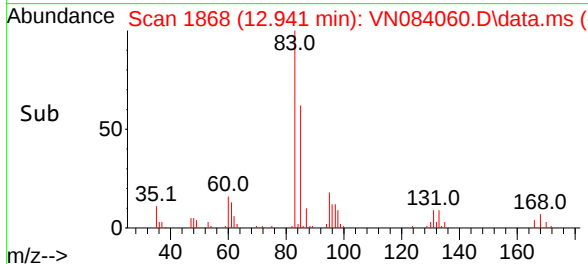
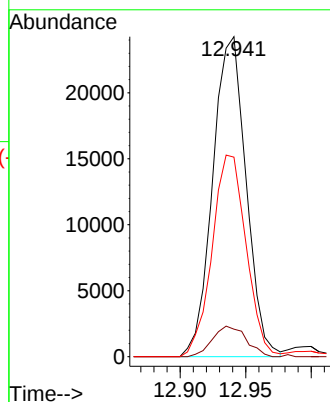
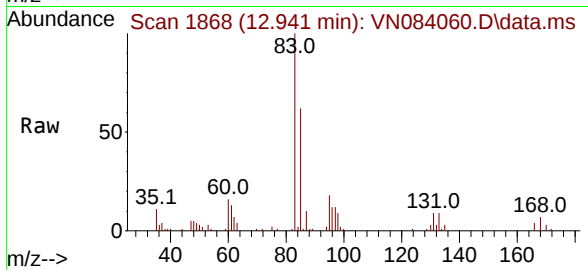
#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.938 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01

Tgt Ion: 83 Resp: 42902
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.2 15.6
 85 64.3 32.3 96.8

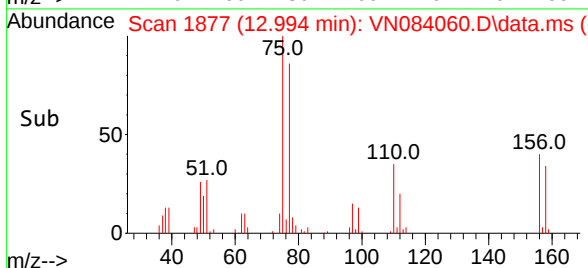
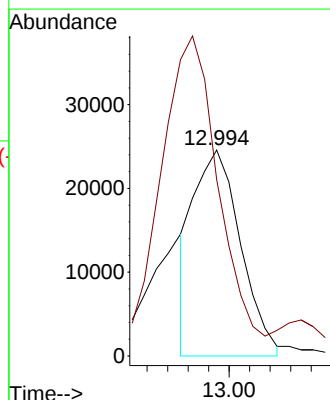
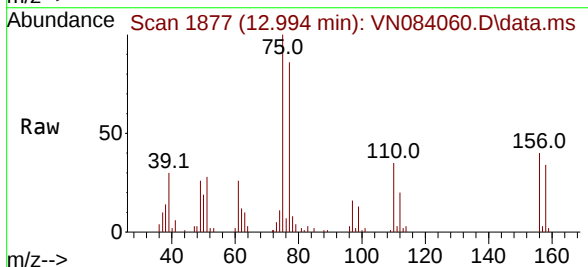
Manual Integrations
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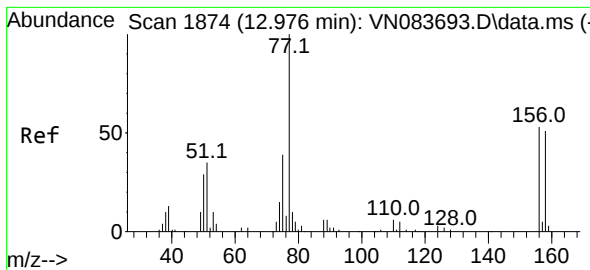
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#72
 1,2,3-Trichloropropane
 Concen: 21.844 ug/l m
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

Tgt Ion: 75 Resp: 39242
 Ion Ratio Lower Upper
 75 100
 77 193.0 0.0 367.6





#73

Bromobenzene

Concen: 19.255 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

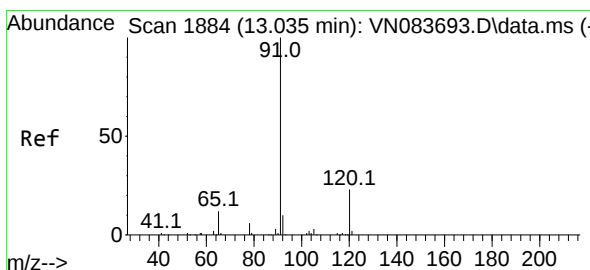
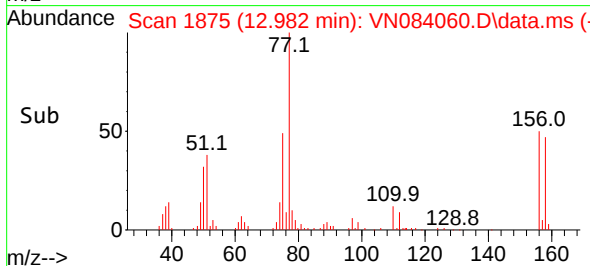
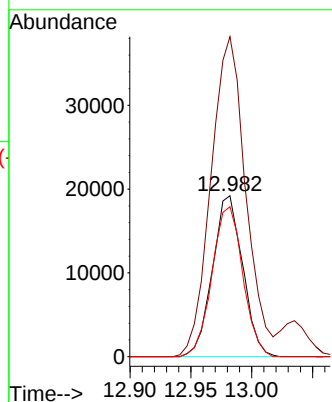
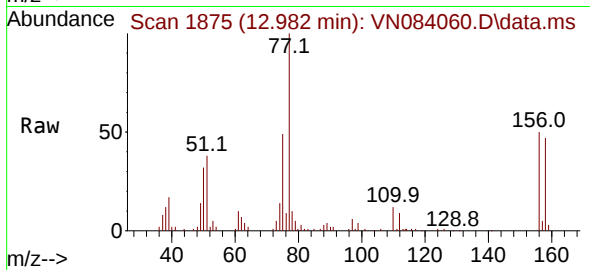
Tgt Ion:	156	Resp:	33179
Ion Ratio	Lower	Upper	
156	100		
77	228.3	0.0	437.6
158	95.1	0.0	203.8

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#74

n-propylbenzene

Concen: 18.688 ug/l

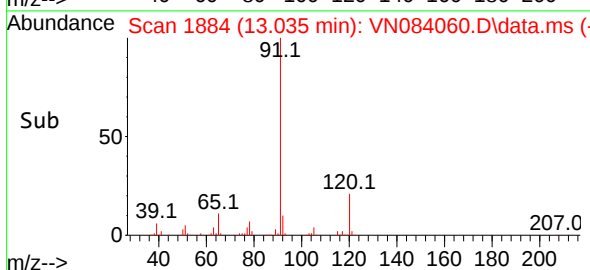
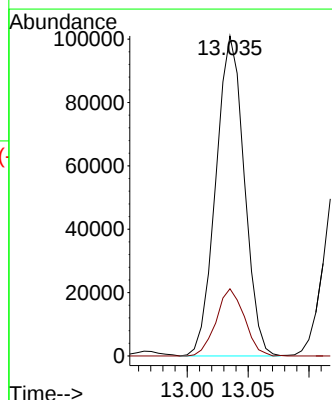
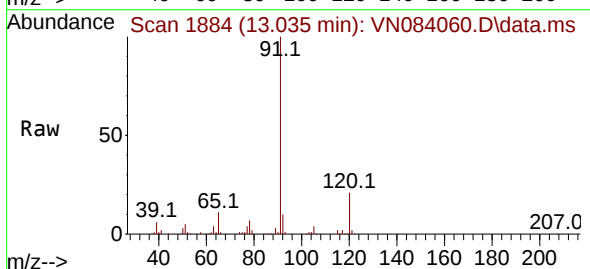
RT: 13.035 min Scan# 1884

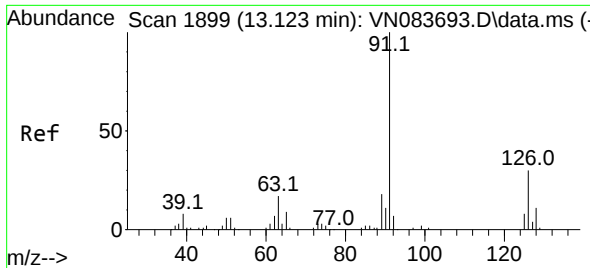
Delta R.T. -0.000 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Tgt Ion:	91	Resp:	164113
Ion Ratio	Lower	Upper	
91	100		
120	20.7	0.0	43.8





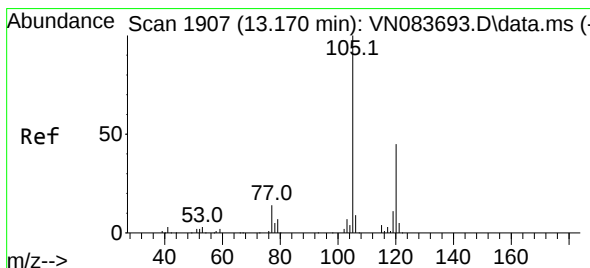
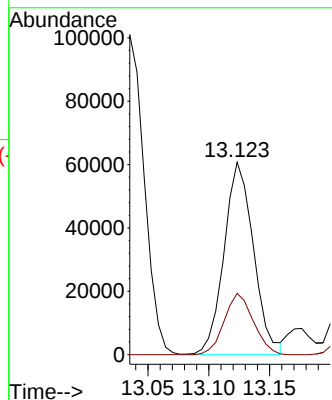
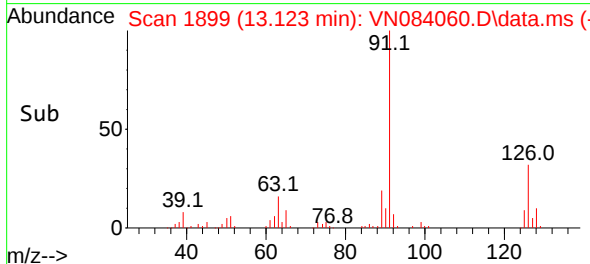
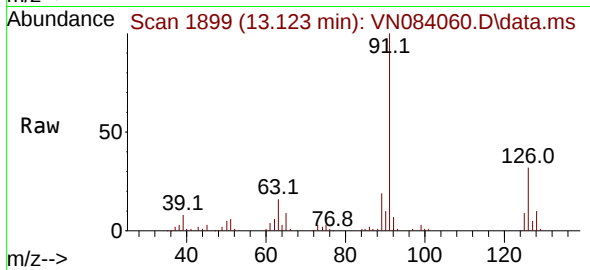
#75
2-Chlorotoluene
Concen: 18.705 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 91 Resp: 102529
Ion Ratio Lower Upper
91 100
126 31.3 0.0 61.2

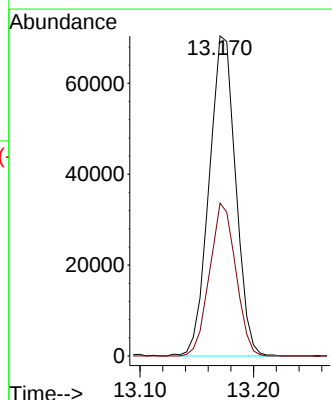
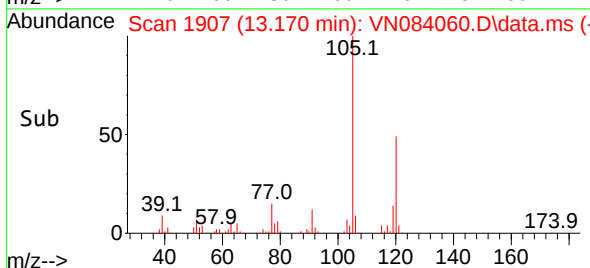
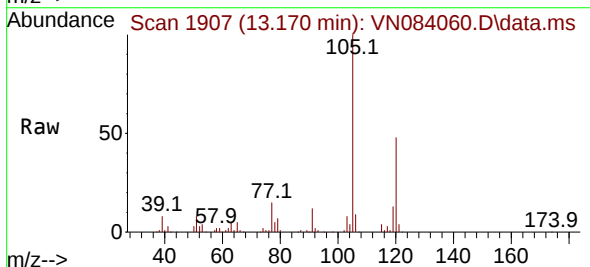
Manual Integrations
APPROVED

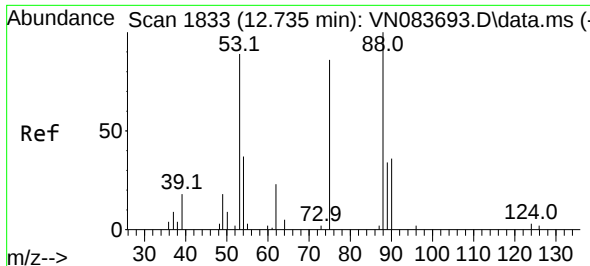
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.235 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

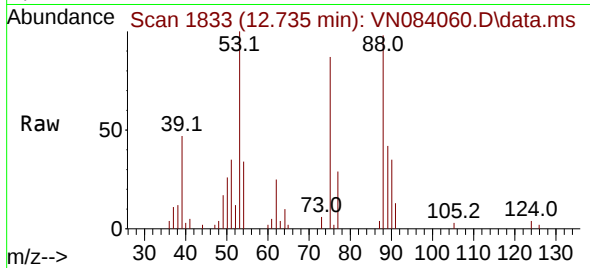
Tgt Ion:105 Resp: 114269
Ion Ratio Lower Upper
105 100
120 47.1 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.451 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

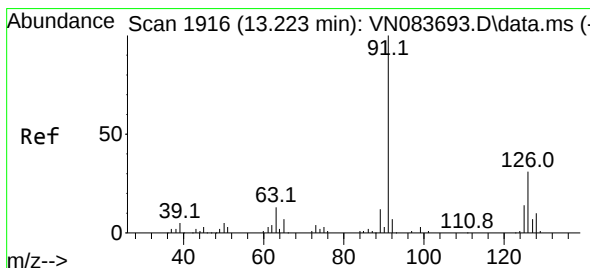
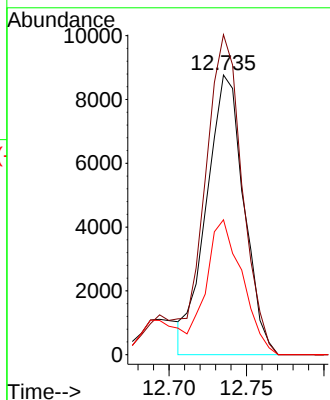
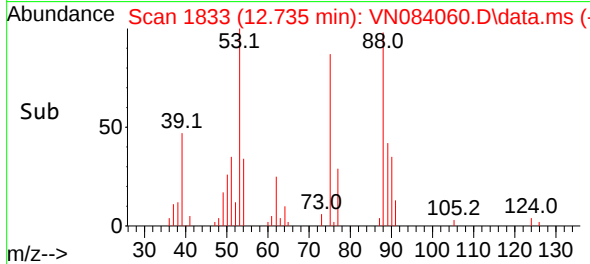
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



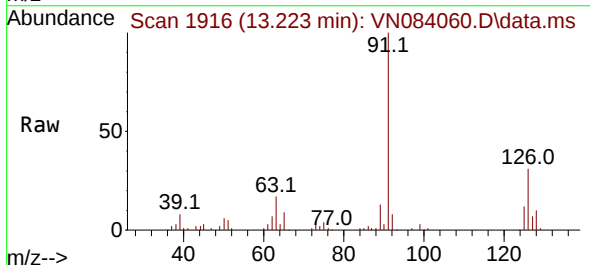
Tgt Ion: 75 Resp: 14770
Ion Ratio Lower Upper
75 100
53 114.4 45.9 137.7
89 48.2 25.9 77.7

Manual Integrations
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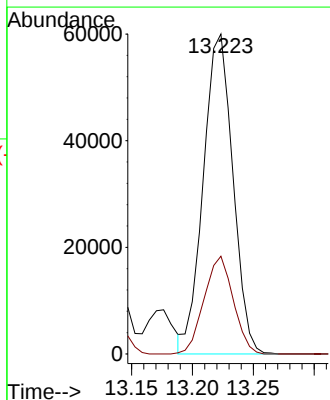
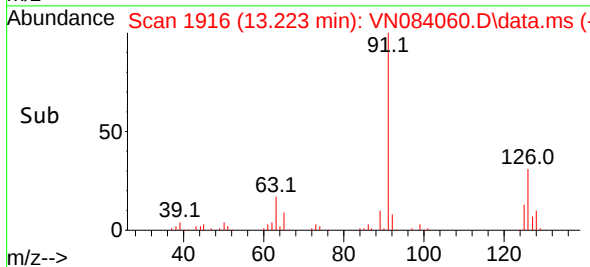
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

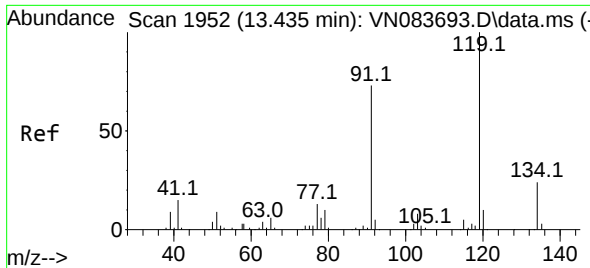


#78
4-Chlorotoluene
Concen: 18.257 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



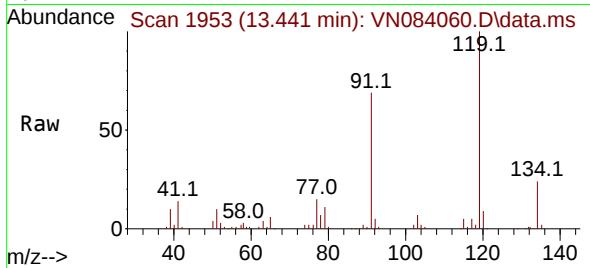
Tgt Ion: 91 Resp: 101480
Ion Ratio Lower Upper
91 100
126 30.1 0.0 62.8





#79
tert-butylbenzene
Concen: 17.718 ug/l
RT: 13.441 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

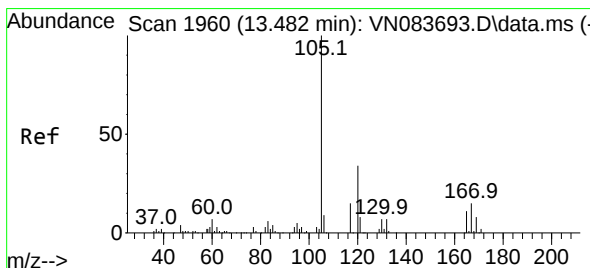
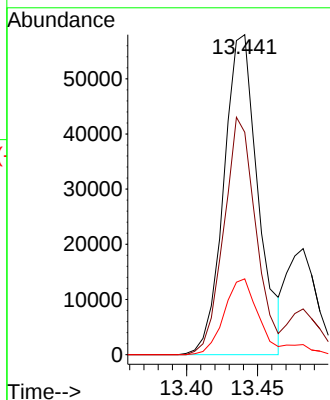
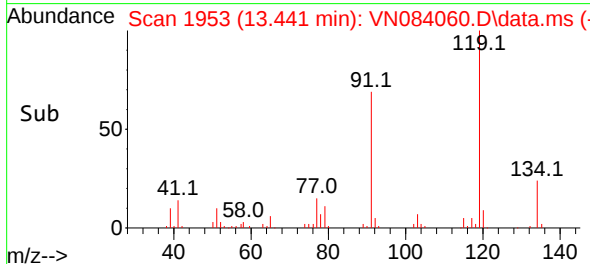
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



Tgt Ion:119 Resp: 97092
Ion Ratio Lower Upper
119 100
91 69.8 0.0 138.8
134 23.3 0.0 48.6

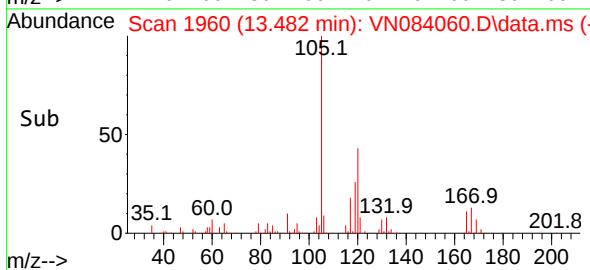
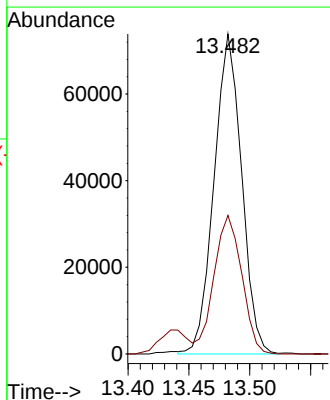
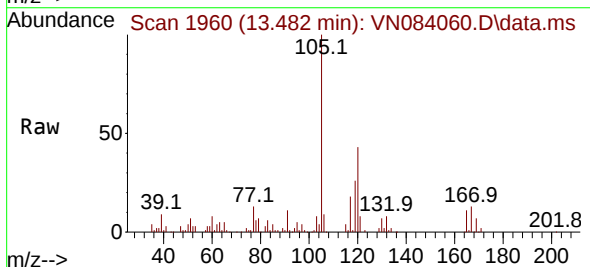
Manual Integrations
APPROVED

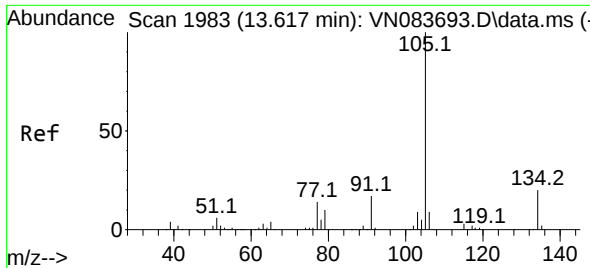
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.346 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

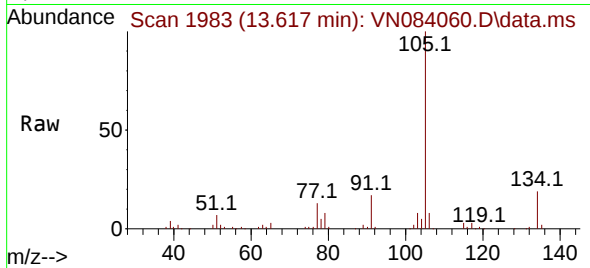
Tgt Ion:105 Resp: 116181
Ion Ratio Lower Upper
105 100
120 43.8 0.0 86.8





#81
 sec-Butylbenzene
 Concen: 18.011 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44

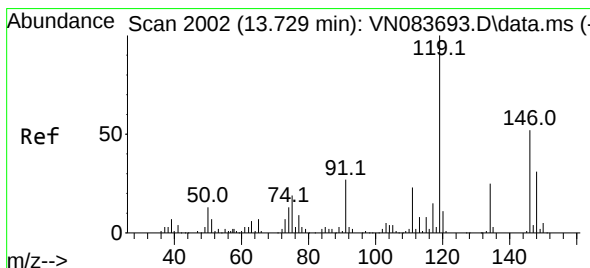
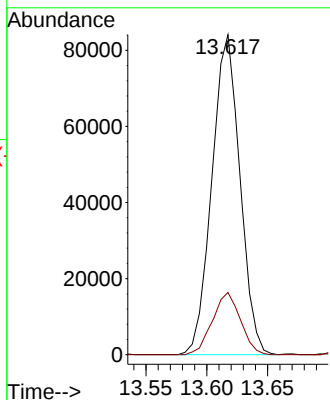
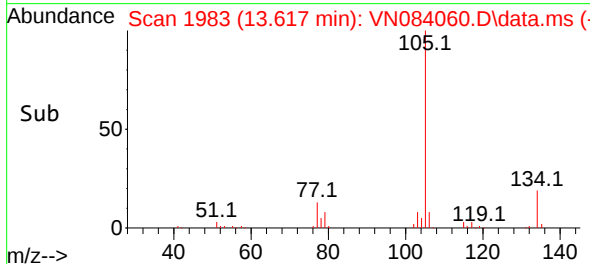
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBSD01



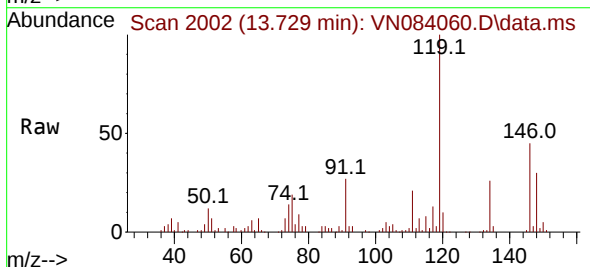
Tgt Ion:105 Resp: 134829
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.0

Manual Integrations
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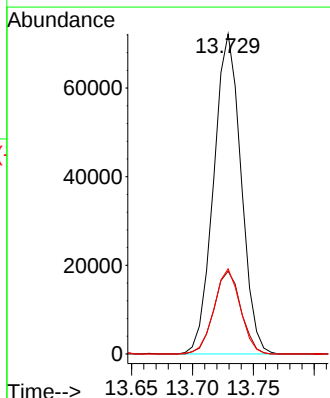
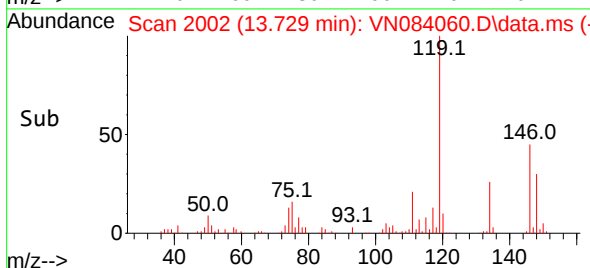
Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024

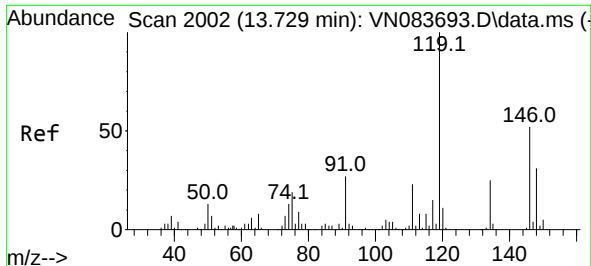


#82
 p-Isopropyltoluene
 Concen: 17.958 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084060.D
 Acq: 20 Sep 2024 10:44



Tgt Ion:119 Resp: 113104
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 49.2
 91 25.3 0.0 48.8





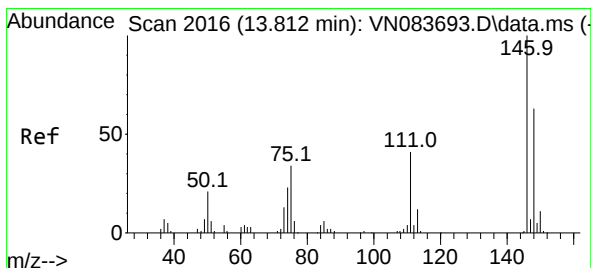
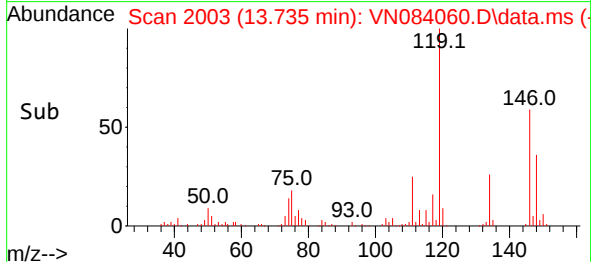
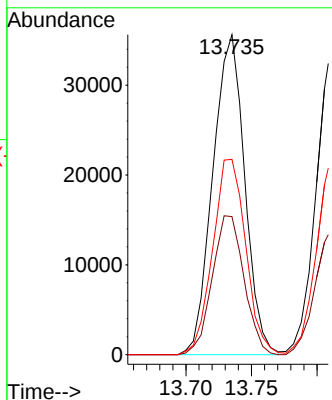
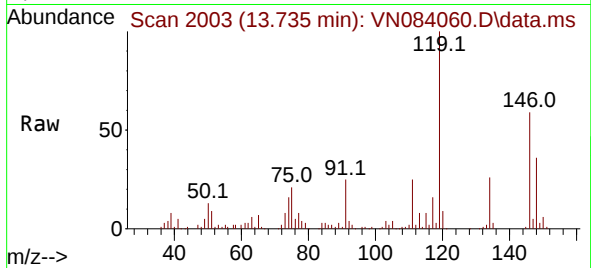
#83
1,3-Dichlorobenzene
Concen: 18.165 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:146 Resp: 6024
Ion Ratio Lower Upper
146 100
111 43.3 22.4 67.0
148 63.3 32.1 96.5

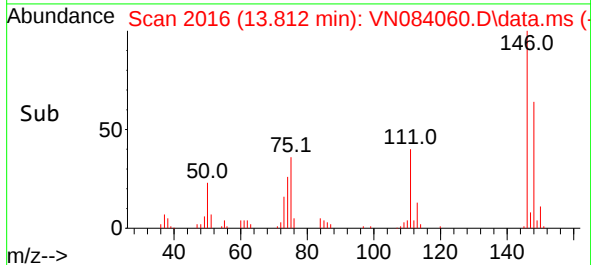
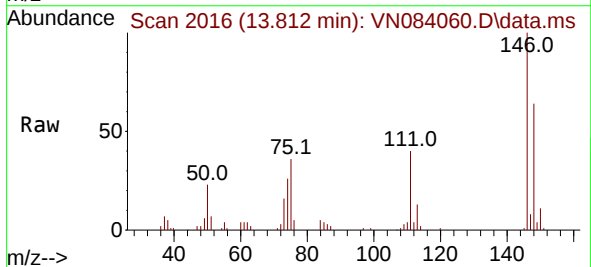
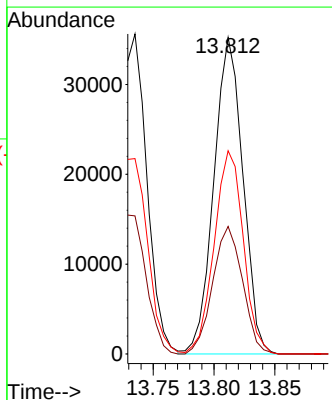
Manual Integrations
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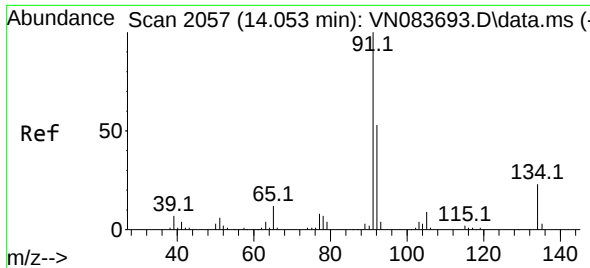
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#84
1,4-Dichlorobenzene
Concen: 17.663 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:146 Resp: 58562
Ion Ratio Lower Upper
146 100
111 41.4 21.3 63.9
148 64.3 31.9 95.5





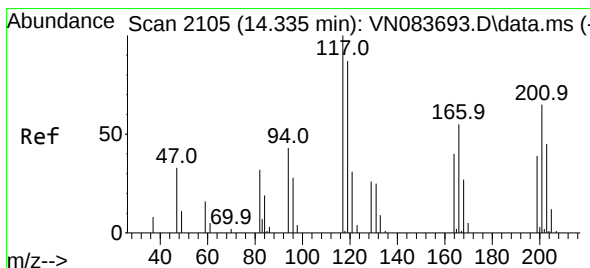
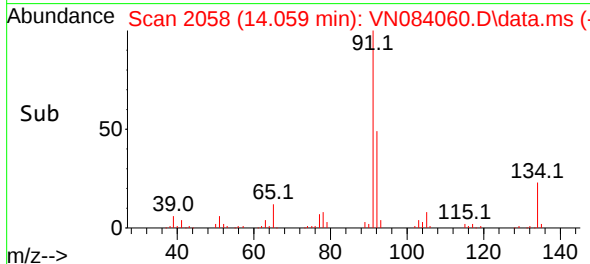
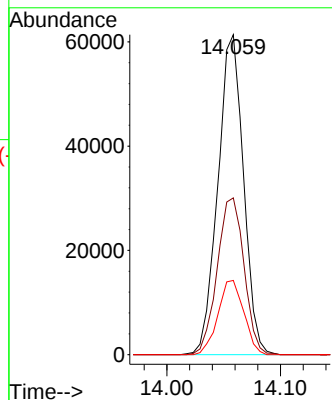
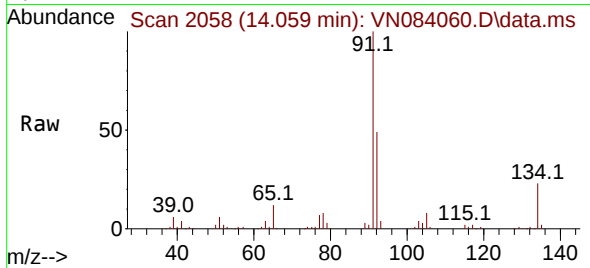
#85
n-Butylbenzene
Concen: 17.301 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion: 91 Resp: 9615
Ion Ratio Lower Upper
91 100
92 51.4 0.0 105.0
134 23.4 0.0 51.8

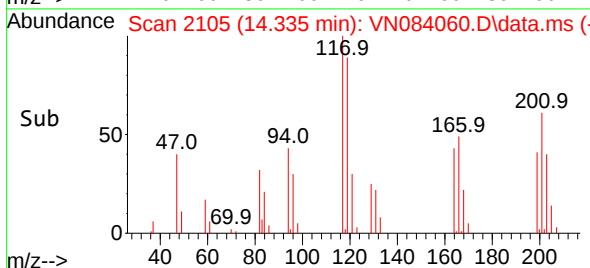
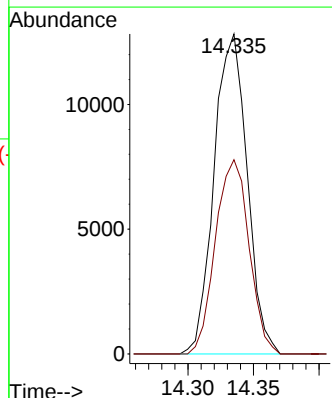
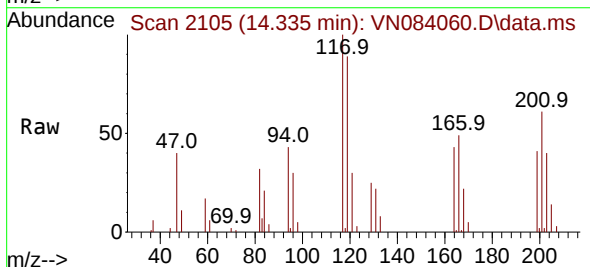
Manual Integrations
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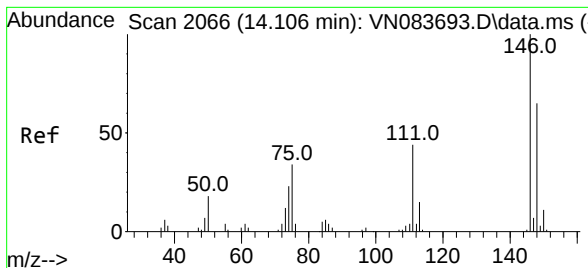
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#86
Hexachloroethane
Concen: 18.840 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:117 Resp: 22487
Ion Ratio Lower Upper
117 100
201 61.7 38.0 114.0





#87

1,2-Dichlorobenzene

Concen: 18.541 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBSD01

Tgt Ion:146 Resp: 5967

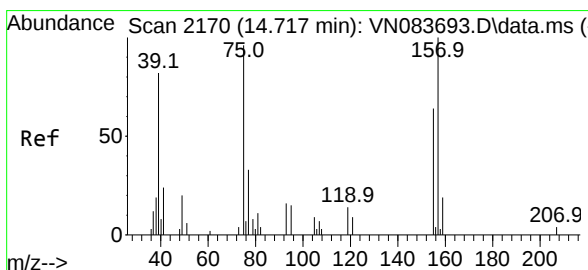
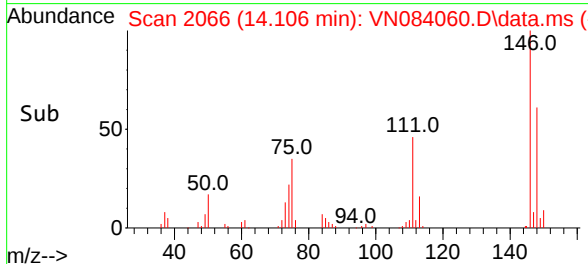
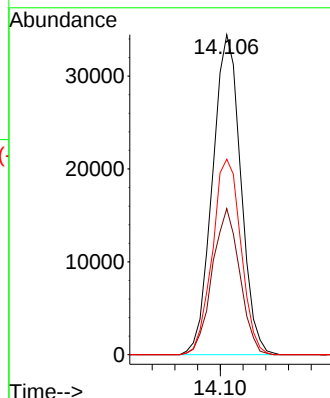
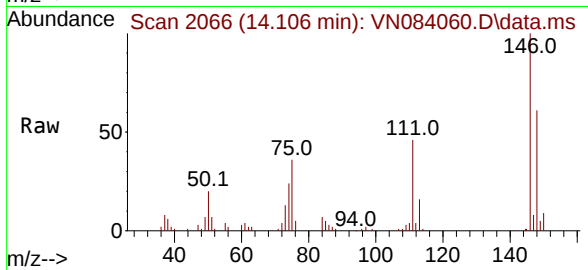
Ion	Ratio	Lower	Upper
146	100		
111	44.4	22.6	67.8
148	61.6	31.3	93.8

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.547 ug/l

RT: 14.717 min Scan# 2170

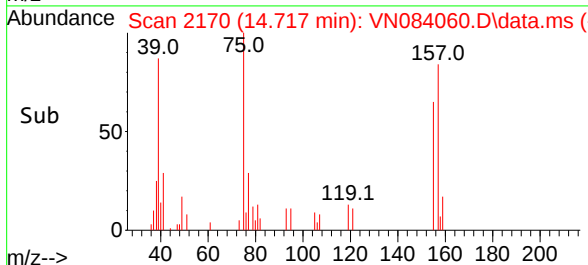
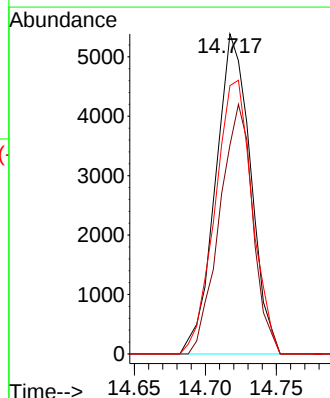
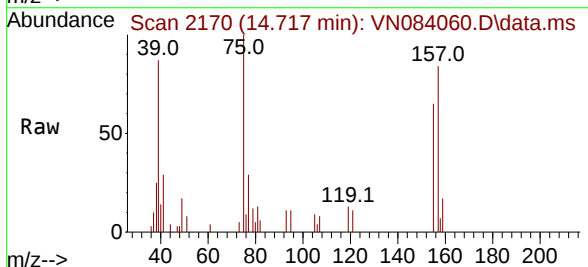
Delta R.T. -0.000 min

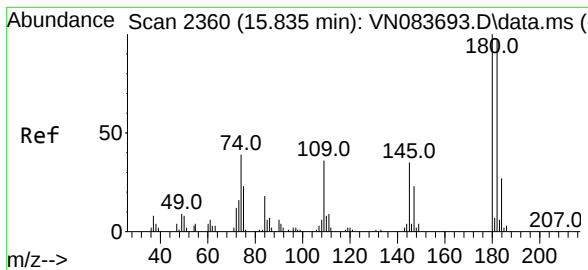
Lab File: VN084060.D

Acq: 20 Sep 2024 10:44

Tgt Ion: 75 Resp: 9252

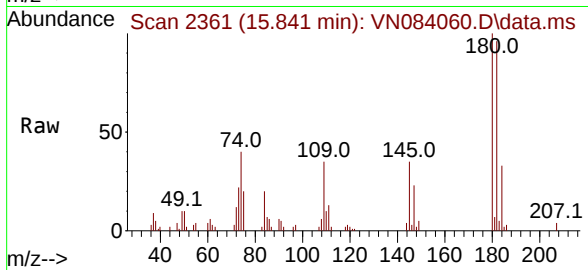
Ion	Ratio	Lower	Upper
75	100		
155	73.9	61.7	92.5
157	90.4	83.6	125.4





#89
1,2,4-Trichlorobenzene
Concen: 16.427 ug/l
RT: 15.841 min Scan# 2360
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

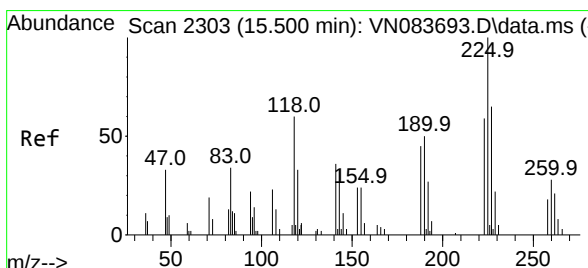
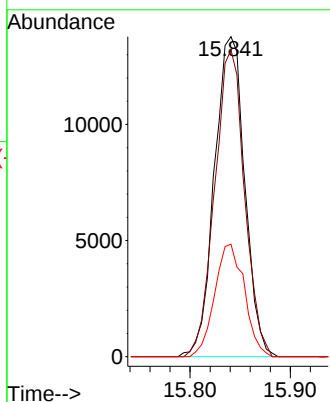
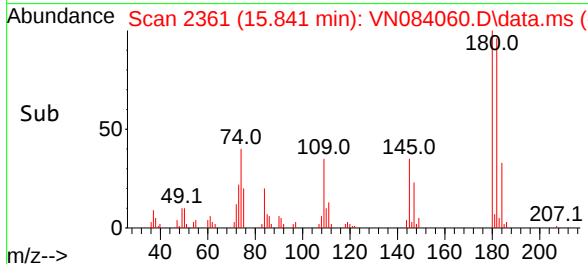
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01



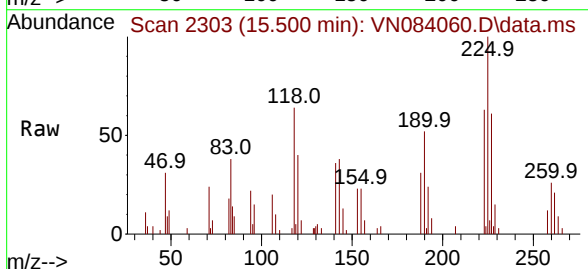
Tgt Ion:180 Resp: 2896
Ion Ratio Lower Upper
180 100
182 94.1 76.4 114.6
145 34.5 28.4 42.6

Manual Integrations
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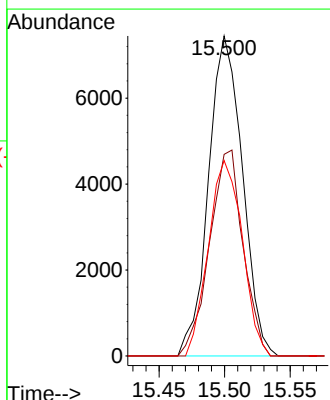
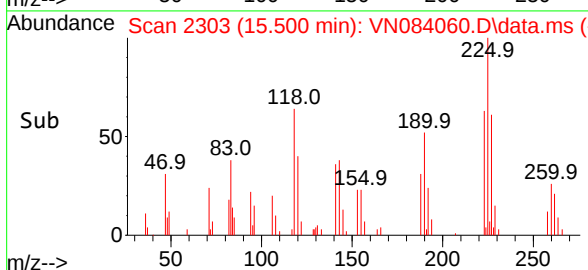
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024

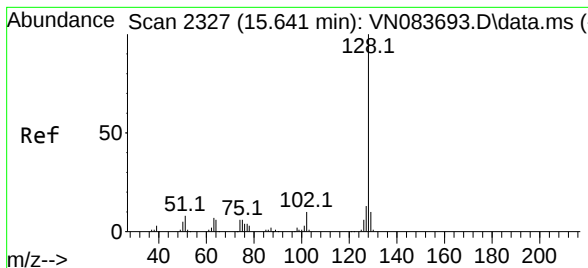


#90
Hexachlorobutadiene
Concen: 18.364 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44



Tgt Ion:225 Resp: 13403
Ion Ratio Lower Upper
225 100
223 63.5 0.0 126.6
227 61.1 0.0 126.6





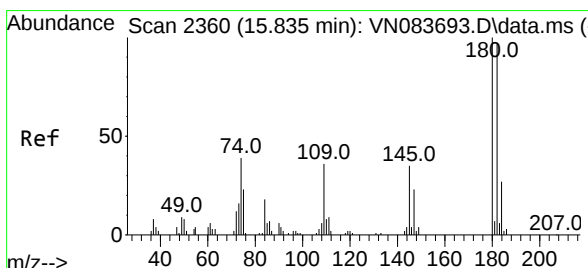
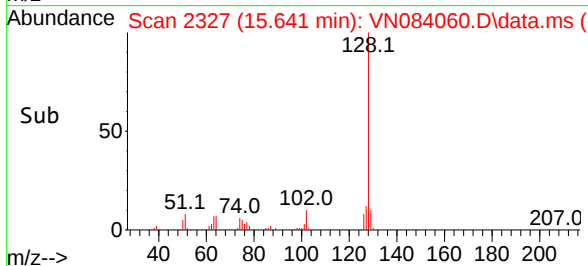
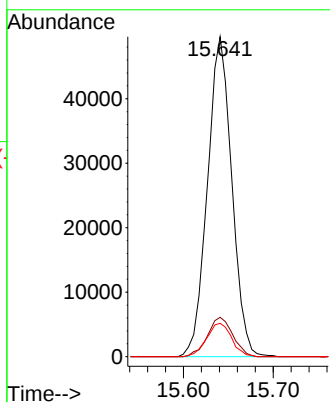
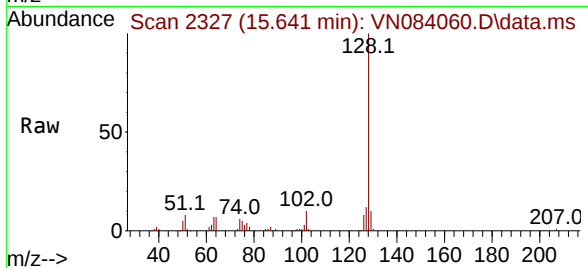
#91
Naphthalene
Concen: 16.234 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBSD01

Tgt Ion:128 Resp: 93580
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#92
1,2,3-Trichlorobenzene
Concen: 16.427 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084060.D
Acq: 20 Sep 2024 10:44

Tgt Ion:180 Resp: 28965
Ion Ratio Lower Upper
180 100
182 94.1 0.0 191.0
145 34.5 0.0 71.0

