

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072324\
 Data File : VN083017.D
 Acq On : 23 Jul 2024 17:36
 Operator : JC\MD
 Sample : VN0723WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/24/2024
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 02:31:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	76122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	130985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	121017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	52591	49.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.580%		
35) Dibromofluoromethane	8.171	113	41839	49.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.560%		
50) Toluene-d8	10.571	98	149512	48.162	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.320%		
62) 4-Bromofluorobenzene	12.847	95	46216	41.445	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	82.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	17285	17.539	ug/l	99
3) Chloromethane	2.359	50	14395	15.402	ug/l	97
4) Vinyl Chloride	2.512	62	17543	17.872	ug/l	98
5) Bromomethane	2.948	94	13056	18.448	ug/l	95
6) Chloroethane	3.112	64	14694	21.876	ug/l #	88
7) Trichlorofluoromethane	3.489	101	27242	19.296	ug/l	97
8) Diethyl Ether	3.959	74	8185	16.940	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.377	101	16589	20.761	ug/l	97
10) Methyl Iodide	4.583	142	11885	14.508	ug/l	96
11) Tert butyl alcohol	5.530	59	15900	88.591	ug/l	96
12) 1,1-Dichloroethene	4.342	96	13617	17.523	ug/l #	75
13) Acrolein	4.189	56	2633	20.320	ug/l	97
14) Allyl chloride	5.030	41	18955	15.644	ug/l #	92
15) Acrylonitrile	5.724	53	40694	98.661	ug/l	99
16) Acetone	4.430	43	42480	113.072	ug/l	99
17) Carbon Disulfide	4.712	76	34735	14.959	ug/l	97
18) Methyl Acetate	5.030	43	26202	26.357	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	46990	17.530	ug/l	92
20) Methylene Chloride	5.289	84	18506	20.397	ug/l #	71
21) trans-1,2-Dichloroethene	5.789	96	14862	17.651	ug/l	89
22) Diisopropyl ether	6.677	45	48228	19.026	ug/l #	92
23) Vinyl Acetate	6.606	43	173318	86.100	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	31048	20.193	ug/l	99
25) 2-Butanone	7.488	43	58343	102.848	ug/l	93
26) 2,2-Dichloropropane	7.500	77	27594	19.302	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	18642	18.911	ug/l	86
28) Bromochloromethane	7.818	49	12532	18.999	ug/l #	83
29) Tetrahydrofuran	7.847	42	34595	96.870	ug/l #	86
30) Chloroform	7.965	83	33778	20.708	ug/l	97
31) Cyclohexane	8.259	56	22616	16.211	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	29602	19.546	ug/l	98
36) 1,1-Dichloropropene	8.371	75	20738	17.896	ug/l	99
37) Ethyl Acetate	7.571	43	23556	19.966	ug/l	99
38) Carbon Tetrachloride	8.365	117	25414	18.214	ug/l	89
39) Methylcyclohexane	9.606	83	18369	14.675	ug/l	89
40) Benzene	8.606	78	66252	18.586	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	12143	19.105	ug/l	89
42) 1,2-Dichloroethane	8.671	62	25590	19.942	ug/l	99
43) Isopropyl Acetate	8.694	43	50187	20.829	ug/l	96
44) Trichloroethene	9.353	130	15251	16.700	ug/l	98
45) 1,2-Dichloropropane	9.624	63	16965	20.386	ug/l	91
46) Dibromomethane	9.706	93	13092	20.194	ug/l	97
47) Bromodichloromethane	9.888	83	27593	20.598	ug/l	98
48) Methyl methacrylate	9.682	41	16310	17.631	ug/l	85
49) 1,4-Dioxane	9.700	88	7198	352.597	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	122752	104.950	ug/l	96
52) Toluene	10.635	92	42185	18.945	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	24697	17.896	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	26308	18.010	ug/l	88
55) 1,1,2-Trichloroethane	11.018	97	17157	20.954	ug/l	97
56) Ethyl methacrylate	10.877	69	23020	18.071	ug/l	91
57) 1,3-Dichloropropane	11.165	76	28068	19.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	69519	106.353	ug/l	95
59) 2-Hexanone	11.200	43	92222	106.052	ug/l	98
60) Dibromochloromethane	11.365	129	20517	19.673	ug/l	98
61) 1,2-Dibromoethane	11.471	107	17029	19.584	ug/l	96
64) Tetrachloroethene	11.106	164	14200	15.728	ug/l	98
65) Chlorobenzene	11.894	112	47924	18.481	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	18743	20.320	ug/l	99
67) Ethyl Benzene	11.965	91	73162	16.786	ug/l	99
68) m/p-Xylenes	12.076	106	56828	34.536	ug/l	95
69) o-Xylene	12.400	106	26027	16.508	ug/l	96
70) Styrene	12.412	104	46128	17.707	ug/l	98
71) Bromoform	12.582	173	13868	19.117	ug/l #	98
73) Isopropylbenzene	12.700	105	65952	15.766	ug/l	98
74) N-amyl acetate	12.494	43	30818	17.811	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	25632	20.460	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	19500m	19.647	ug/l	
77) Bromobenzene	12.976	156	18307	16.964	ug/l	97
78) n-propylbenzene	13.035	91	79555	16.541	ug/l	98
79) 2-Chlorotoluene	13.129	91	49483	16.147	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	55238	16.336	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	8149	16.148	ug/l	90
82) 4-Chlorotoluene	13.223	91	49097	16.186	ug/l	96
83) tert-Butylbenzene	13.441	119	45870	15.302	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	56999	16.539	ug/l	100
85) sec-Butylbenzene	13.617	105	63766	15.741	ug/l	99
86) p-Isopropyltoluene	13.729	119	51903	15.357	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	33263	17.062	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	33451	16.592	ug/l	98
89) n-Butylbenzene	14.059	91	42293	14.606	ug/l	98
90) Hexachloroethane	14.335	117	12628	17.658	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	32129	16.974	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	4974	17.161	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	13921	13.654	ug/l	98
94) Hexachlorobutadiene	15.500	225	6771	14.980	ug/l	96
95) Naphthalene	15.641	128	46285	13.254	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	15367	14.659	ug/l	98

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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

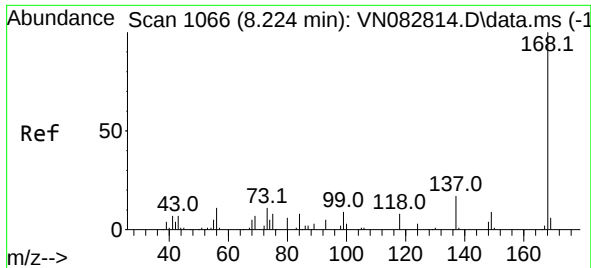
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/24/2024

Quant Time: Jul 24 02:31:20 2024
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Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



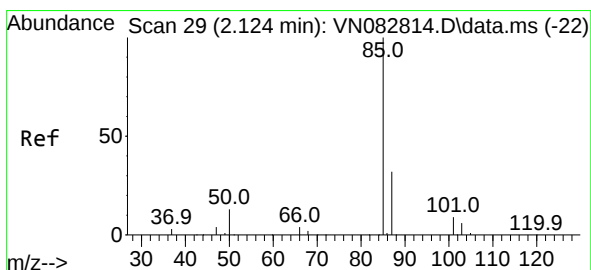
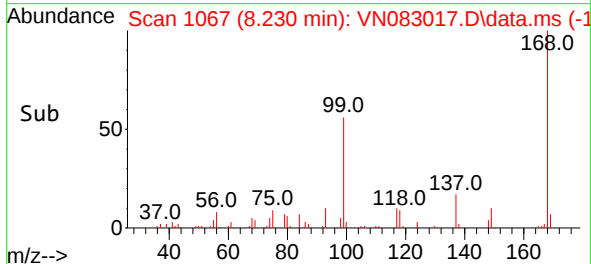
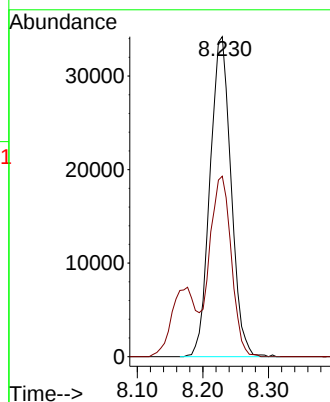
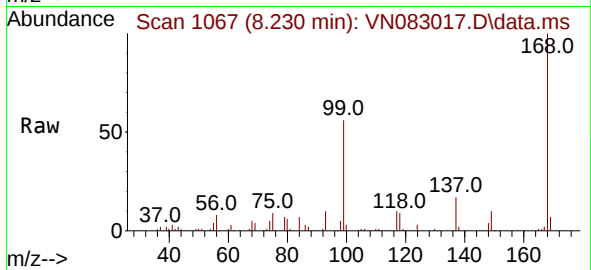
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.001 min
Lab File: VN083017.D
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Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion:168 Resp: 7612
Ion Ratio Lower Upper
168 100
99 56.4 48.2 72.4

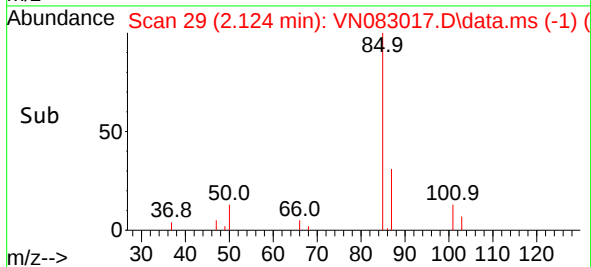
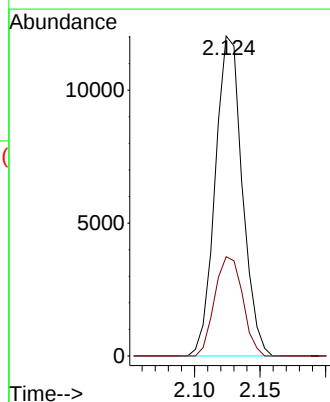
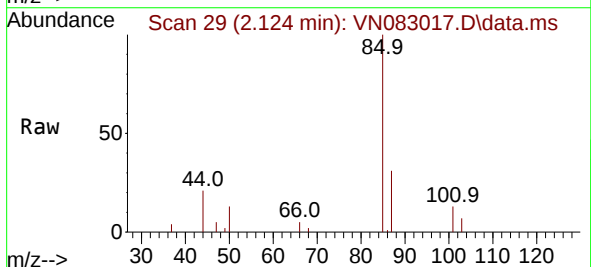
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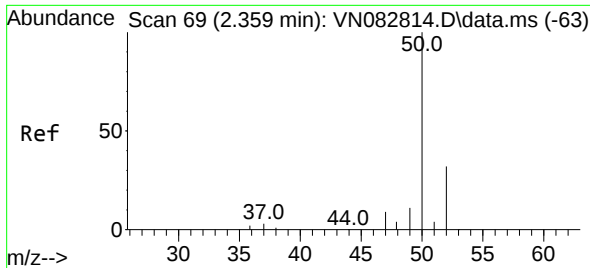
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#2
Dichlorodifluoromethane
Concen: 17.539 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 85 Resp: 17285
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





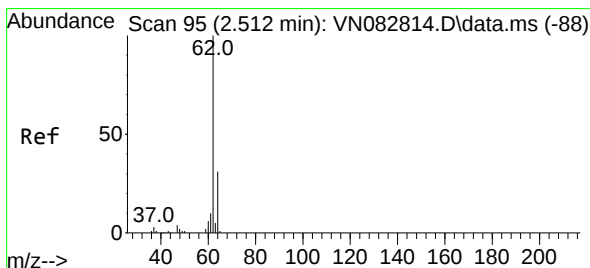
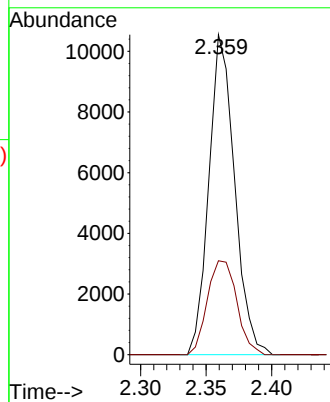
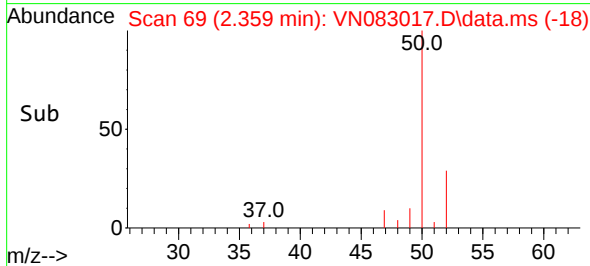
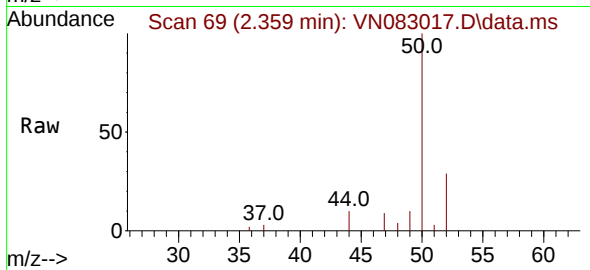
#3
Chloromethane
Concen: 15.402 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 50 Resp: 1439
Ion Ratio Lower Upper
50 100
52 29.4 25.0 37.4

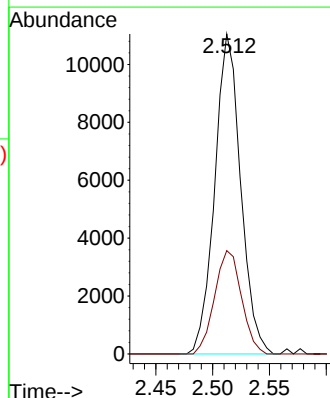
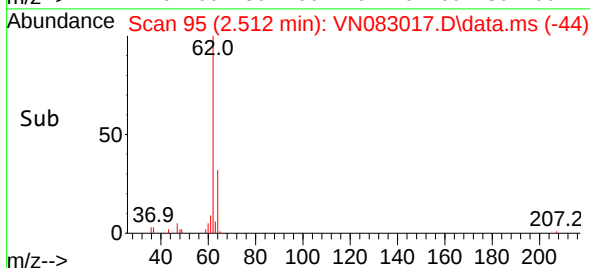
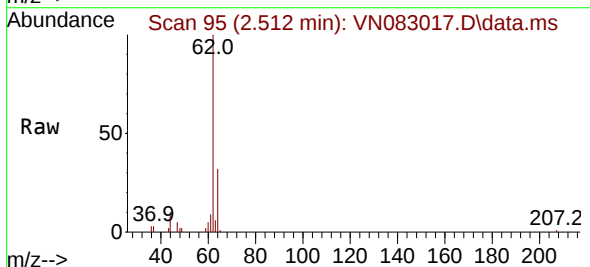
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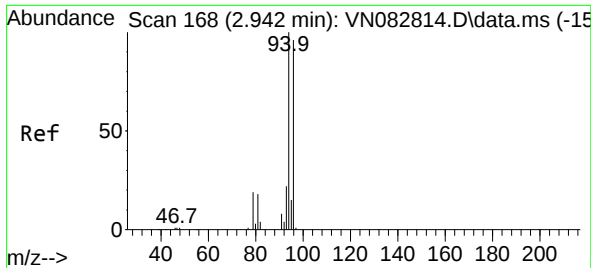
Reviewed By :John Carlone 07/24/2024
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#4
Vinyl Chloride
Concen: 17.872 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

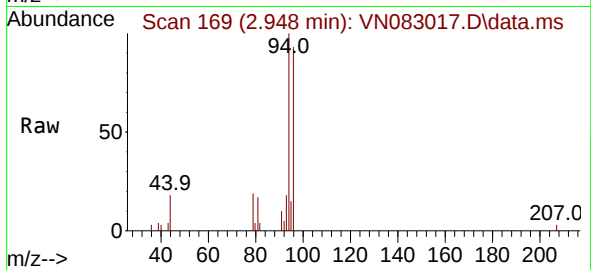
Tgt Ion: 62 Resp: 17543
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.6





#5
Bromomethane
Concen: 18.448 ug/l
RT: 2.948 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

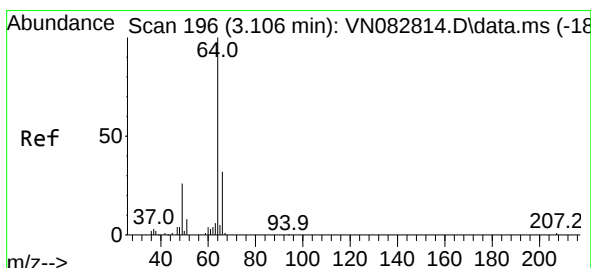
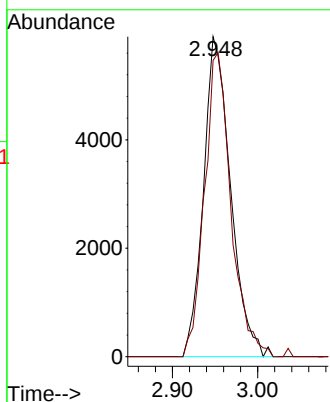
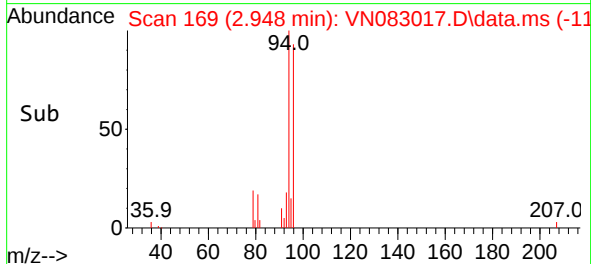
Instrument :
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Tgt Ion: 94 Resp: 1305
Ion Ratio Lower Upper
94 100
96 92.6 78.0 117.0

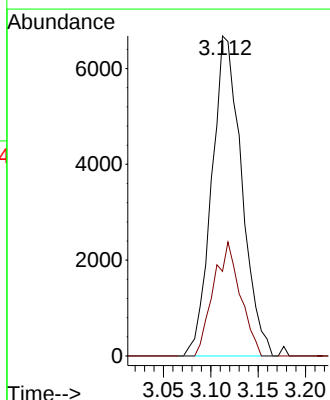
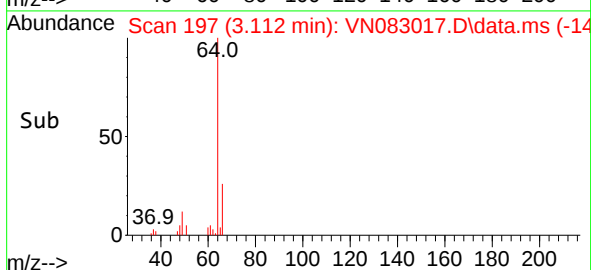
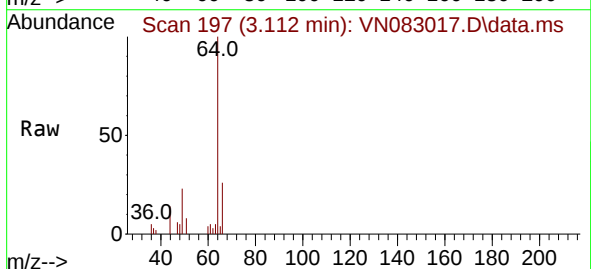
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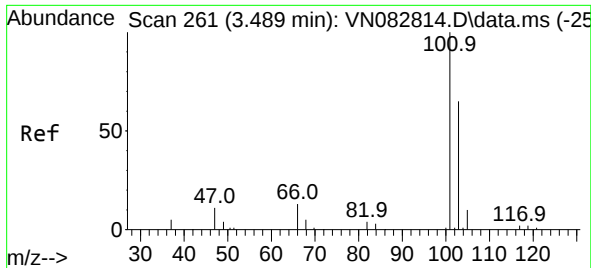
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#6
Chloroethane
Concen: 21.876 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN083017.D
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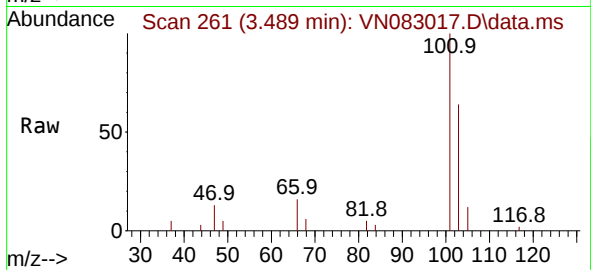
Tgt Ion: 64 Resp: 14694
Ion Ratio Lower Upper
64 100
66 26.5 26.6 40.0#





#7
 Trichlorofluoromethane
 Concen: 19.296 ug/l
 RT: 3.489 min Scan# 261
 Delta R.T. -0.005 min
 Lab File: VN083017.D
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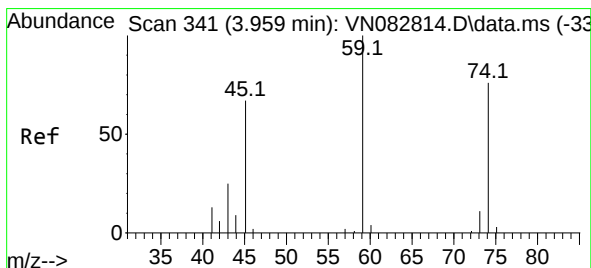
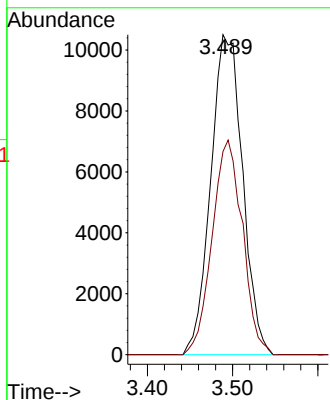
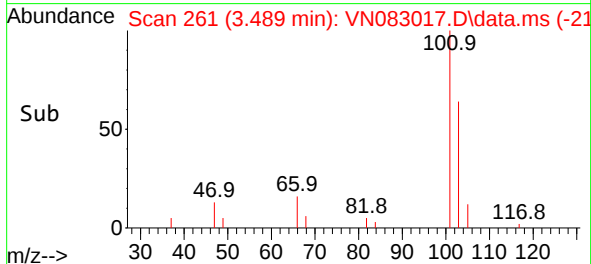
Instrument :
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 VN0723WBSD01



Tgt Ion:101 Resp: 2724
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.7 79.1

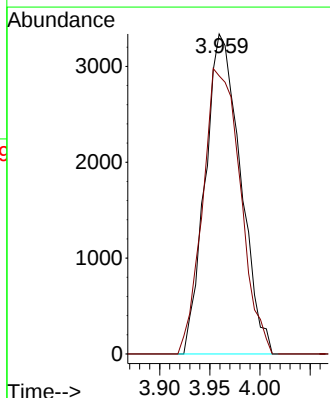
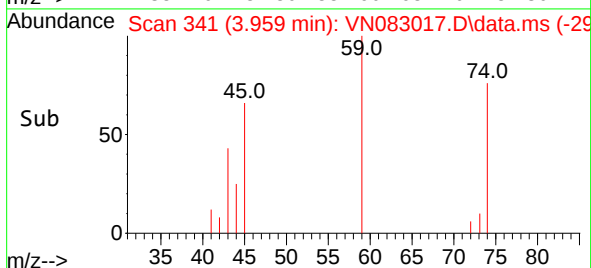
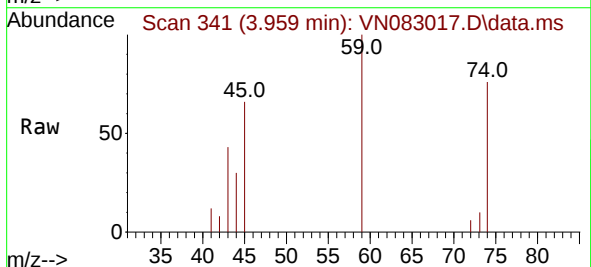
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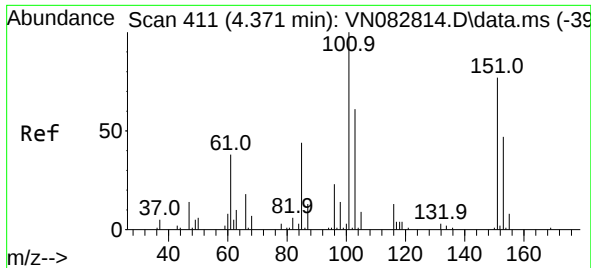
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#8
 Diethyl Ether
 Concen: 16.940 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN083017.D
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Tgt Ion: 74 Resp: 8185
 Ion Ratio Lower Upper
 74 100
 45 94.7 55.5 166.3





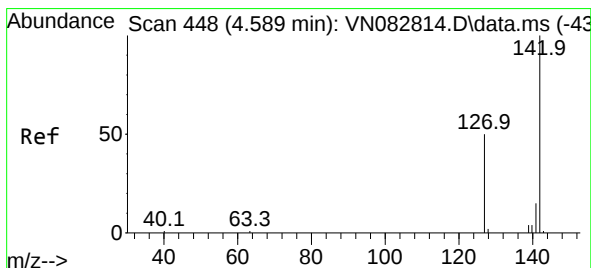
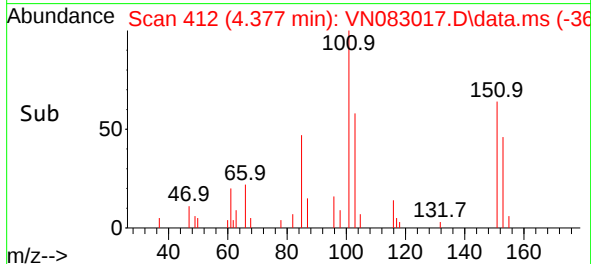
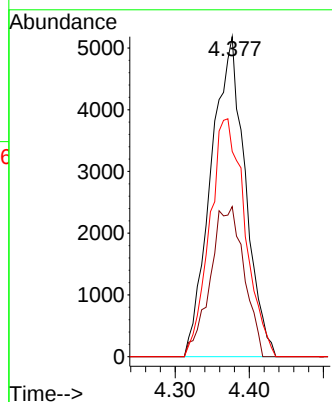
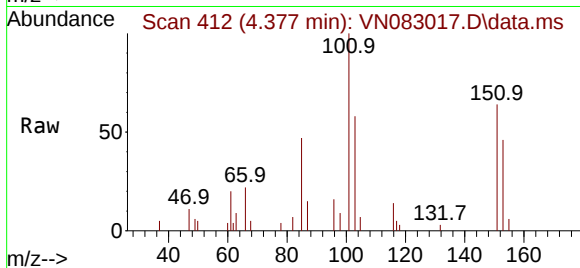
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.761 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion:101 Resp: 16589
Ion Ratio Lower Upper
101 100
85 46.4 38.3 57.5
151 76.8 59.3 88.9

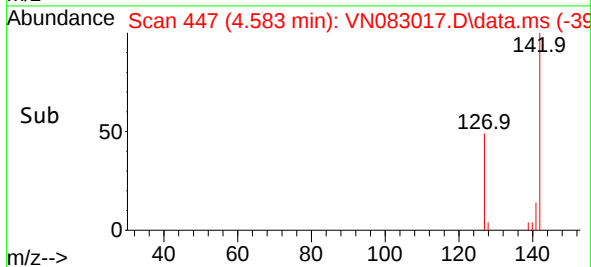
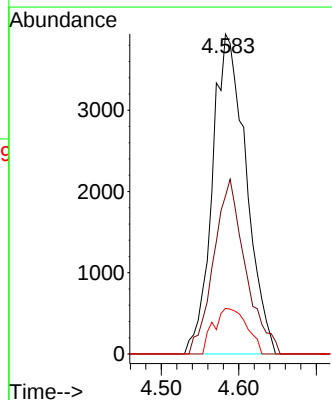
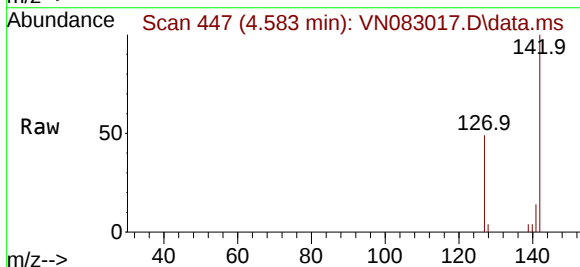
Manual Integrations
APPROVED

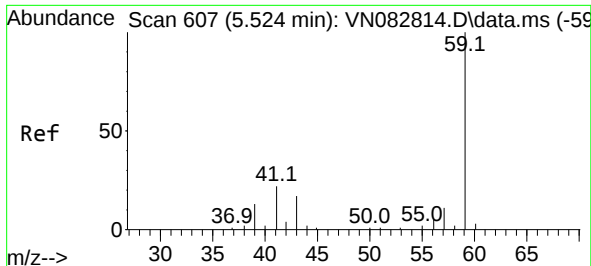
Reviewed By :John Carbone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#10
Methyl Iodide
Concen: 14.508 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.005 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

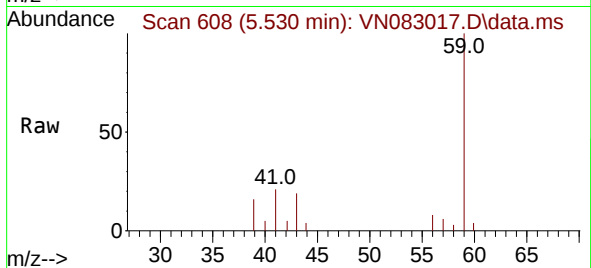
Tgt Ion:142 Resp: 11885
Ion Ratio Lower Upper
142 100
127 49.4 37.5 56.3
141 14.3 13.1 19.7





#11
Tert butyl alcohol
Concen: 88.591 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

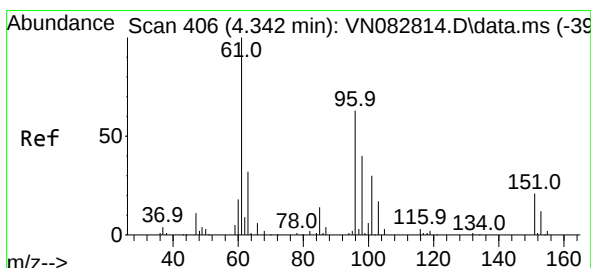
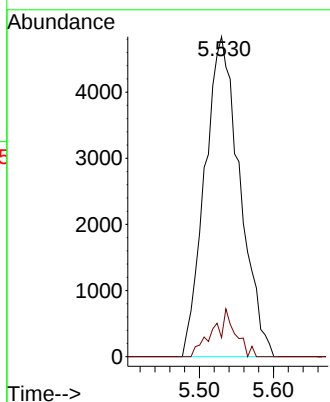
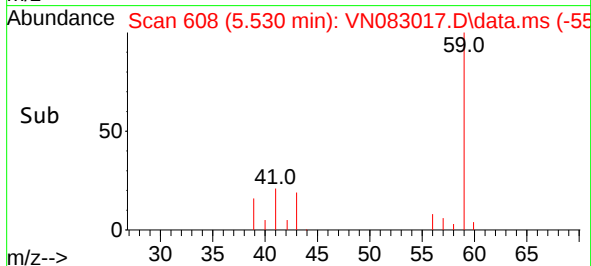
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



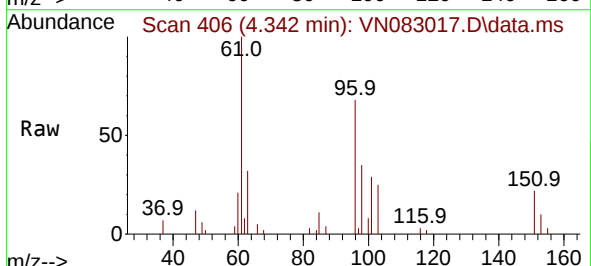
Tgt Ion: 59 Resp: 15900
Ion Ratio Lower Upper
59 100
57 9.6 8.9 13.3

Manual Integrations
APPROVED

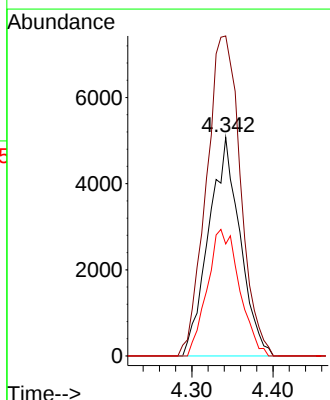
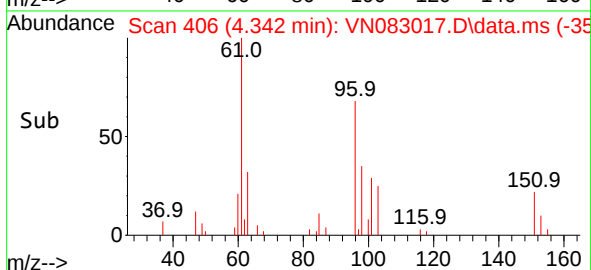
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

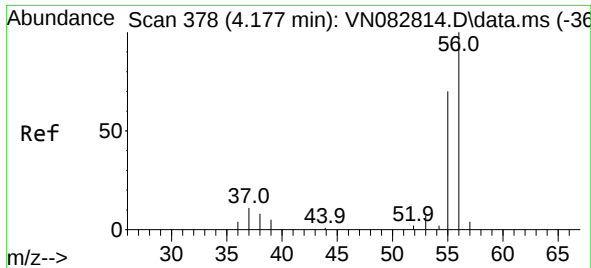


#12
1,1-Dichloroethene
Concen: 17.523 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



Tgt Ion: 96 Resp: 13617
Ion Ratio Lower Upper
96 100
61 146.4 149.7 224.5#
98 51.3 50.1 75.1





#13

Acrolein

Concen: 20.320 ug/l

RT: 4.189 min Scan# 30

Delta R.T. 0.012 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

Tgt Ion: 56 Resp: 263

Ion Ratio Lower Upper

56 100

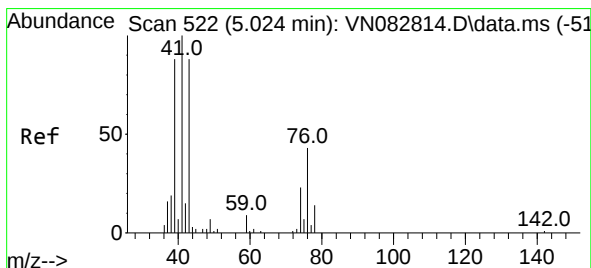
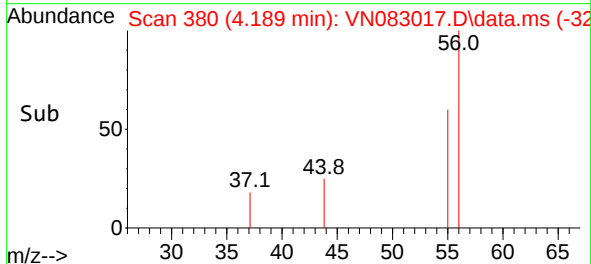
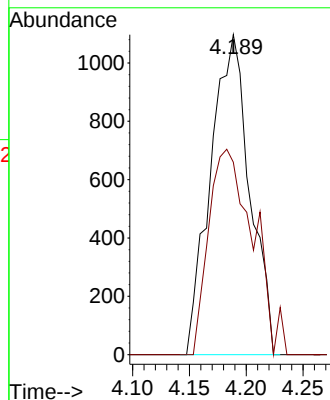
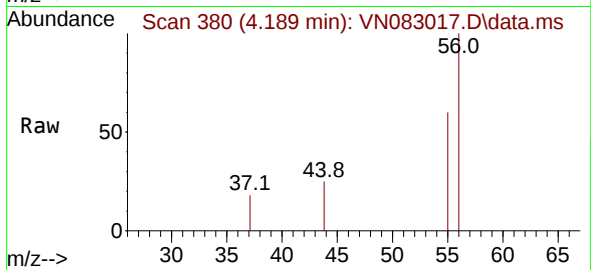
55 72.8 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#14

Allyl chloride

Concen: 15.644 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

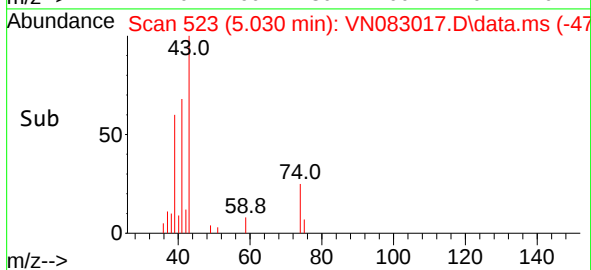
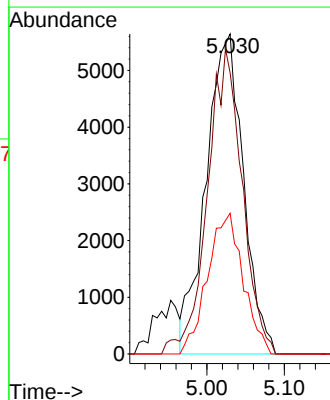
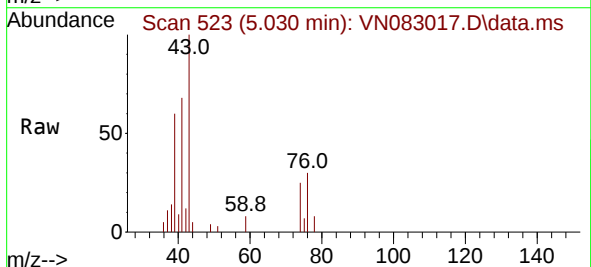
Tgt Ion: 41 Resp: 18955

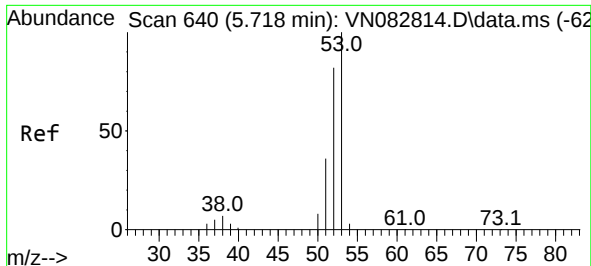
Ion Ratio Lower Upper

41 100

39 88.5 67.8 101.6

76 41.8 25.8 38.8#





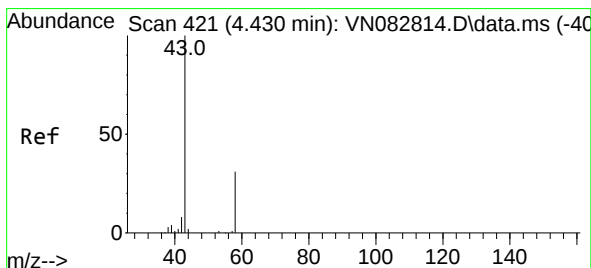
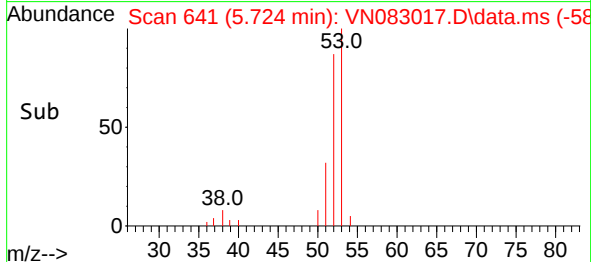
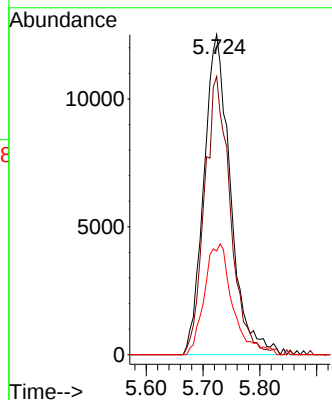
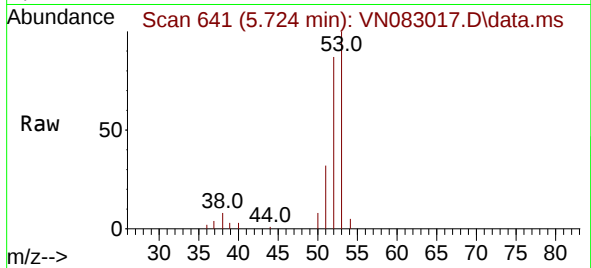
#15
Acrylonitrile
Concen: 98.661 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 53 Resp: 40694
Ion Ratio Lower Upper
53 100
52 84.3 66.6 100.0
51 36.7 30.1 45.1

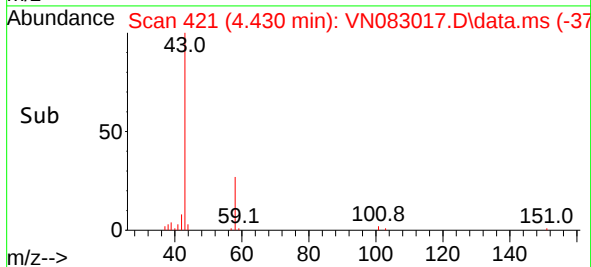
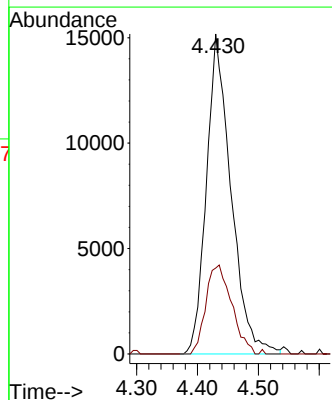
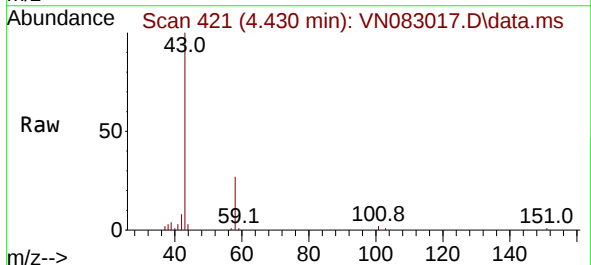
Manual Integrations
APPROVED

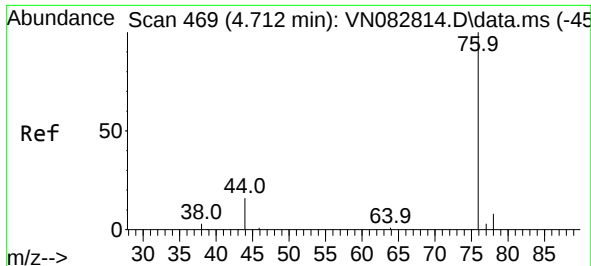
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#16
Acetone
Concen: 113.072 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

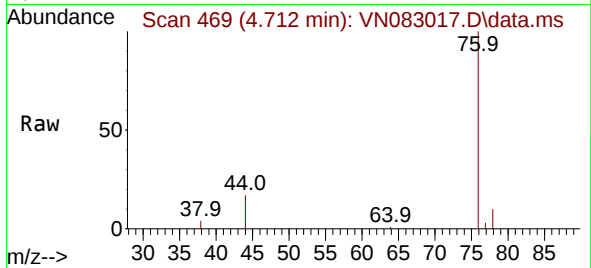
Tgt Ion: 43 Resp: 42480
Ion Ratio Lower Upper
43 100
58 26.8 21.8 32.6





#17
Carbon Disulfide
Concen: 14.959 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

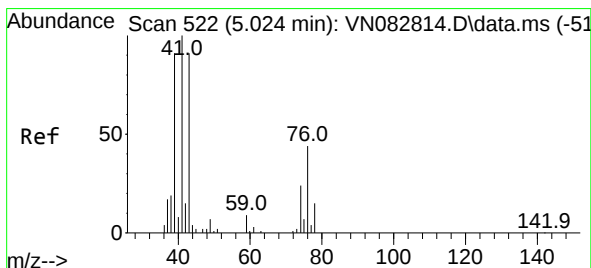
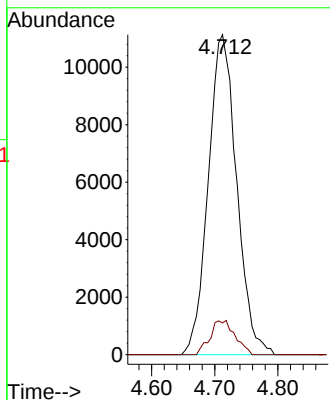
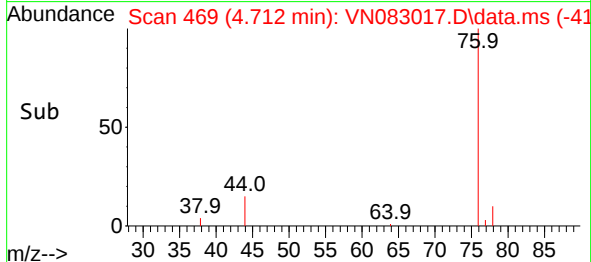
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 76 Resp: 3473
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

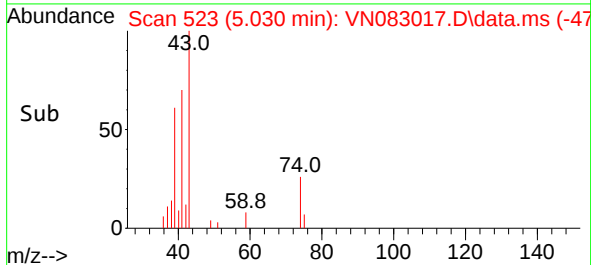
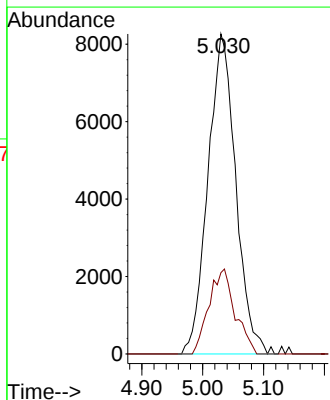
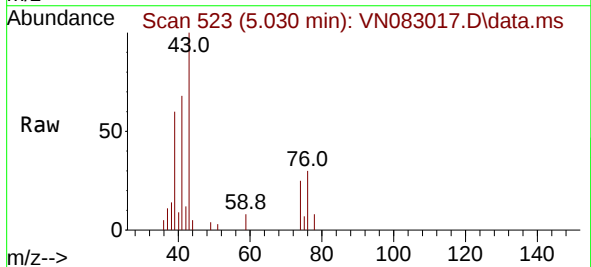
Manual Integrations
APPROVED

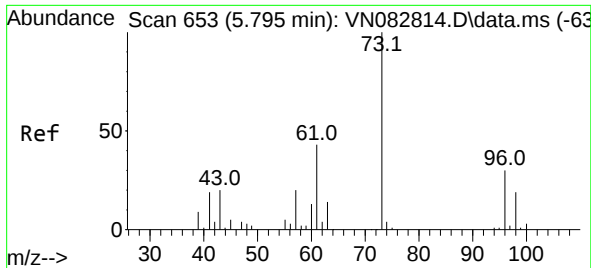
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#18
Methyl Acetate
Concen: 26.357 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 43 Resp: 26202
Ion Ratio Lower Upper
43 100
74 25.0 16.3 24.5





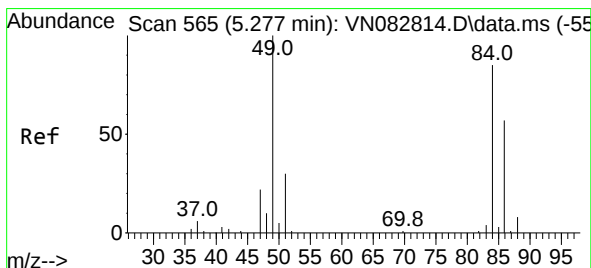
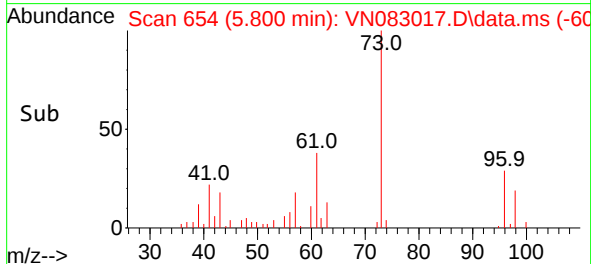
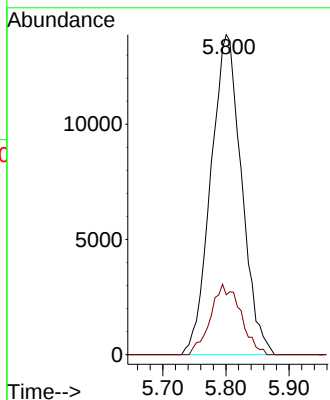
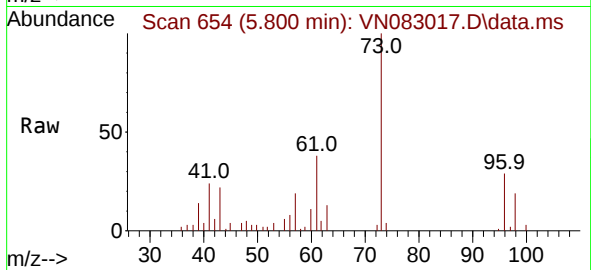
#19
Methyl tert-butyl Ether
Concen: 17.530 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 73 Resp: 46990
Ion Ratio Lower Upper
73 100
57 18.8 17.9 26.9

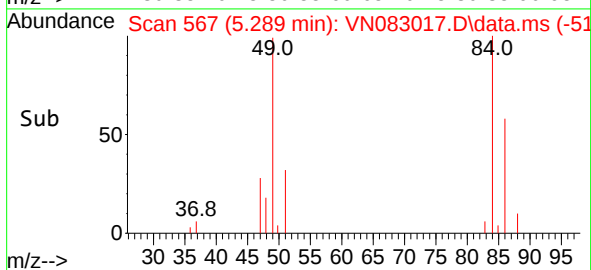
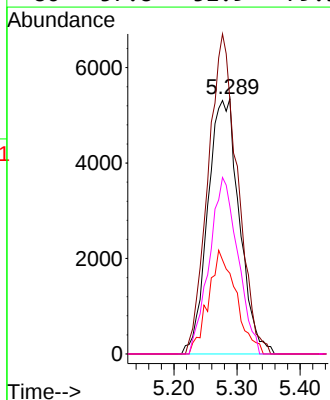
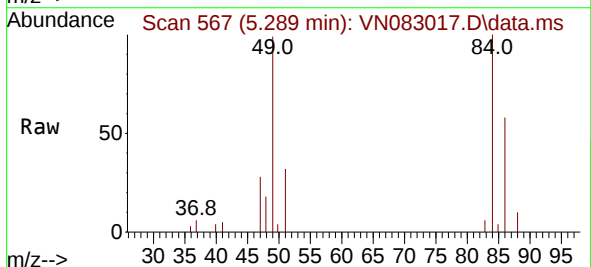
Manual Integrations
APPROVED

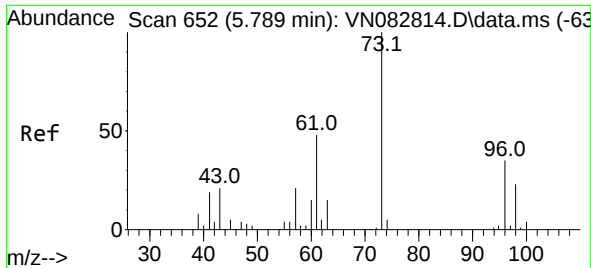
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#20
Methylene Chloride
Concen: 20.397 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.012 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

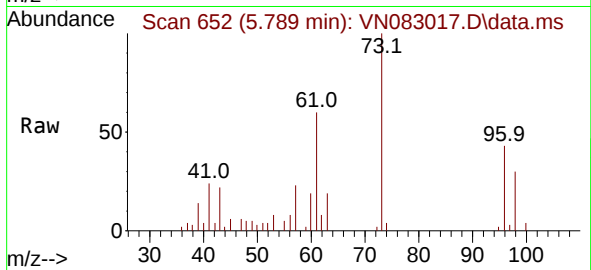
Tgt Ion: 84 Resp: 18506
Ion Ratio Lower Upper
84 100
49 99.5 119.6 179.4#
51 31.6 34.8 52.2#
86 57.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 17.651 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

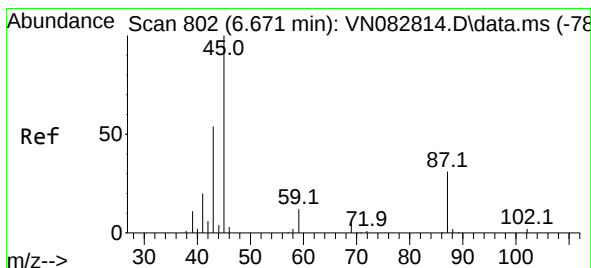
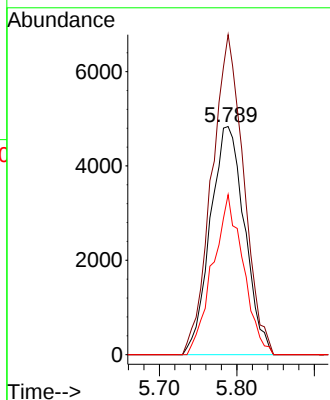
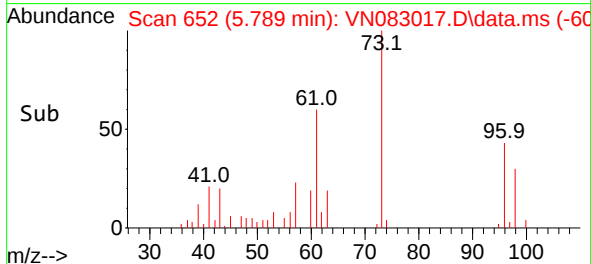
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 96 Resp: 14862
Ion Ratio Lower Upper
96 100
61 140.2 123.4 185.2
98 70.1 49.3 73.9

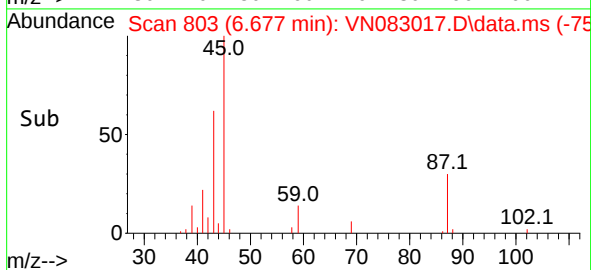
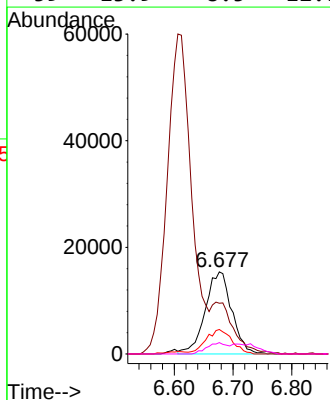
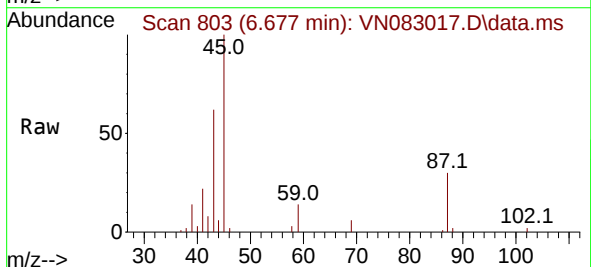
Manual Integrations
APPROVED

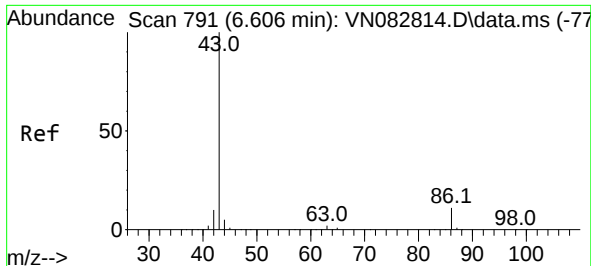
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#22
Diisopropyl ether
Concen: 19.026 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 45 Resp: 48228
Ion Ratio Lower Upper
45 100
43 60.1 44.0 66.0
87 29.8 19.7 29.5#
59 13.9 8.5 12.7#





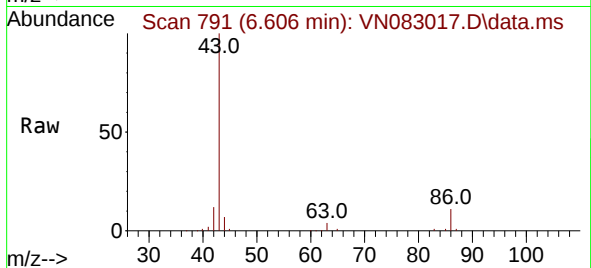
#23
 Vinyl Acetate
 Concen: 86.100 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01



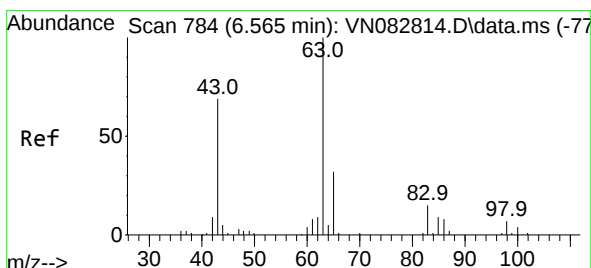
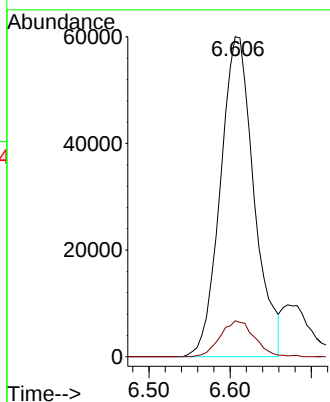
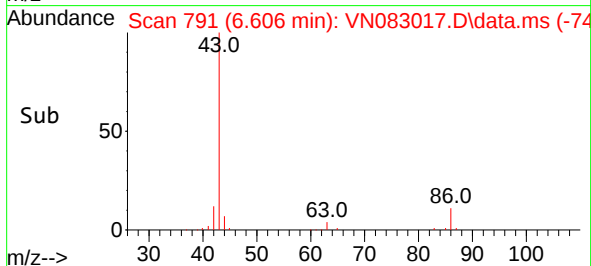
Tgt Ion: 43 Resp: 173318
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.3 10.9

Manual Integrations

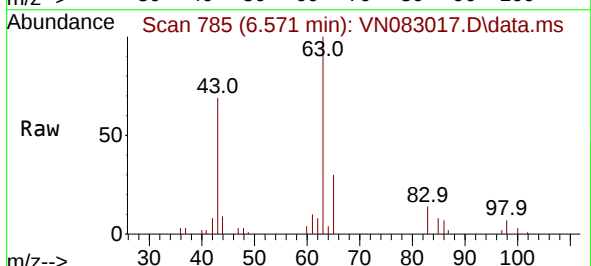
APPROVED

Reviewed By :John Carlone 07/24/2024

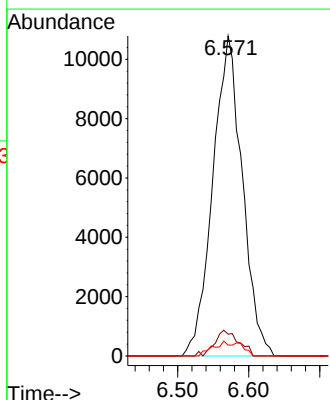
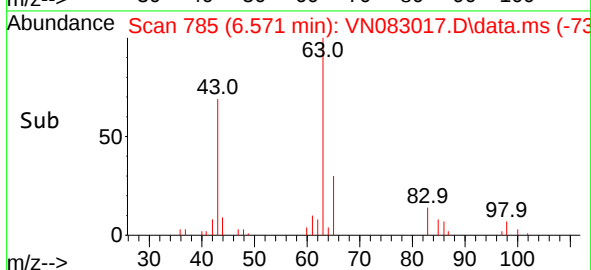
Supervised By :Mahesh Dadoda 07/24/2024

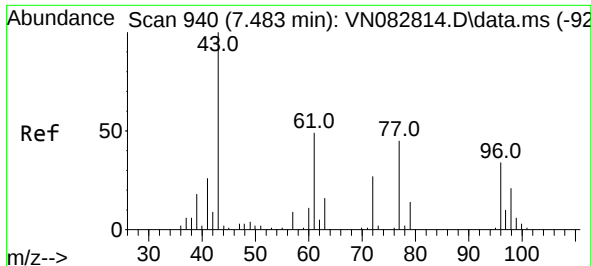


#24
 1,1-Dichloroethane
 Concen: 20.193 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36



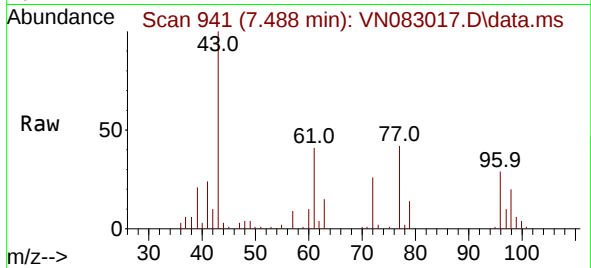
Tgt Ion: 63 Resp: 31048
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.3 9.9
 100 3.4 2.0 6.0





#25
2-Butanone
Concen: 102.848 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

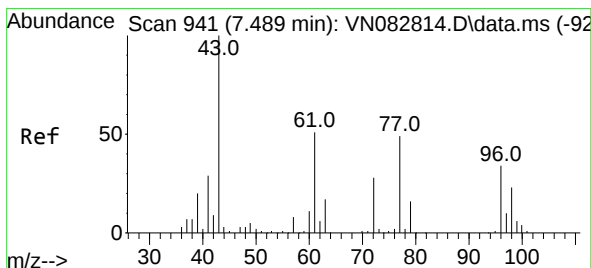
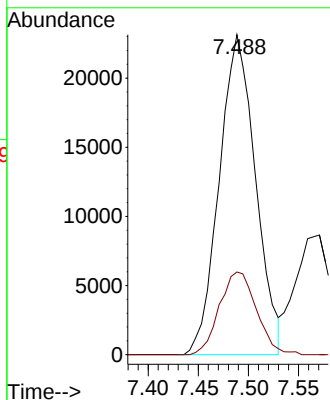
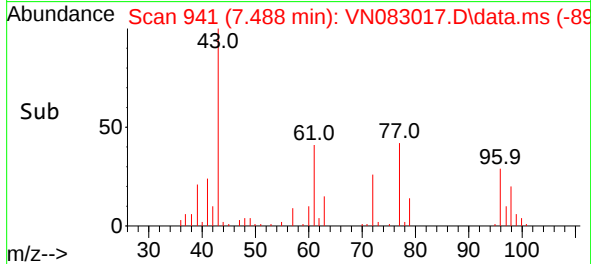
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



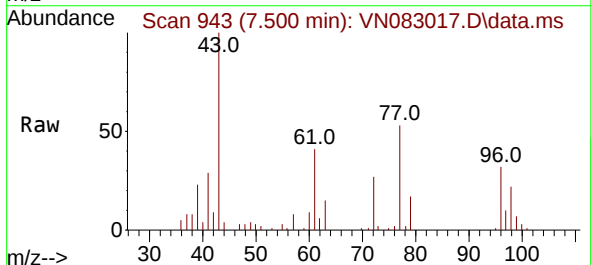
Tgt Ion: 43 Resp: 5834
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2

Manual Integrations
APPROVED

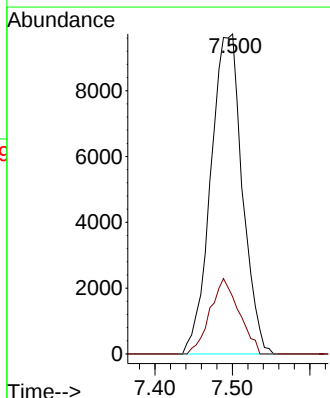
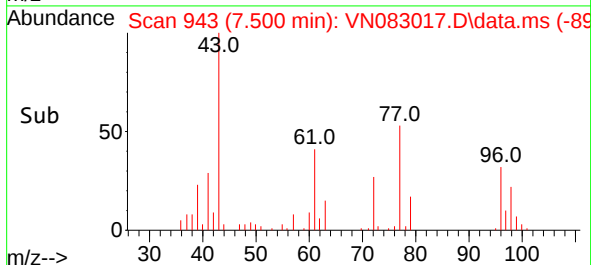
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

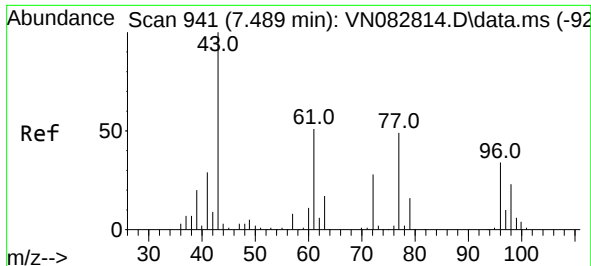


#26
2,2-Dichloropropane
Concen: 19.302 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



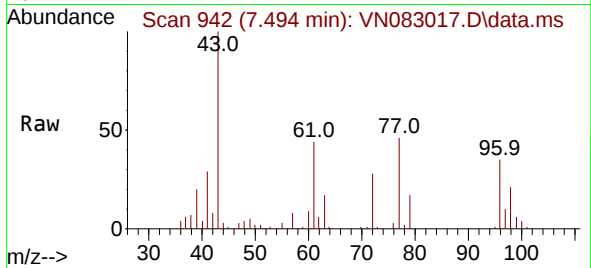
Tgt Ion: 77 Resp: 27594
Ion Ratio Lower Upper
77 100
97 21.6 10.3 30.9





#27
 cis-1,2-Dichloroethene
 Concen: 18.911 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36

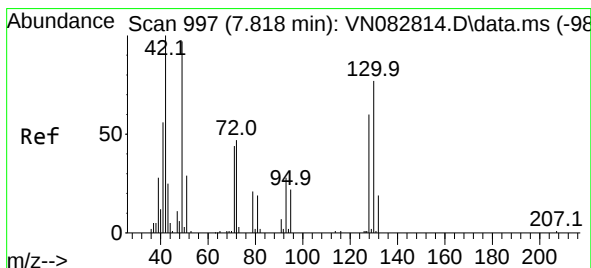
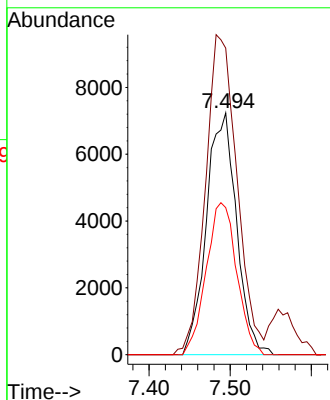
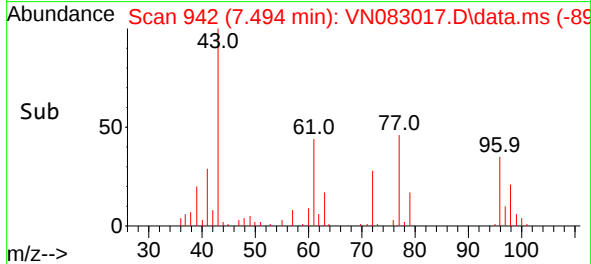
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01



Tgt Ion: 96 Resp: 1864
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 329.6
 98 63.8 0.0 128.6

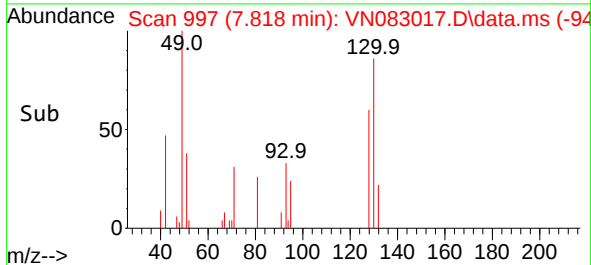
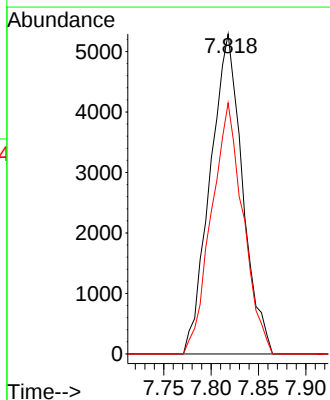
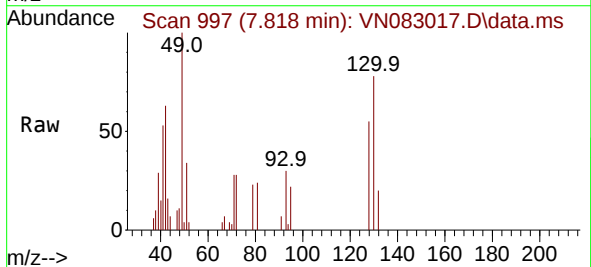
Manual Integrations
 APPROVED

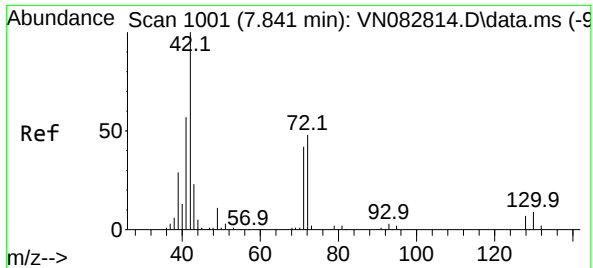
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024



#28
 Bromochloromethane
 Concen: 18.999 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36

Tgt Ion: 49 Resp: 12532
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 77.0 50.5 75.7#





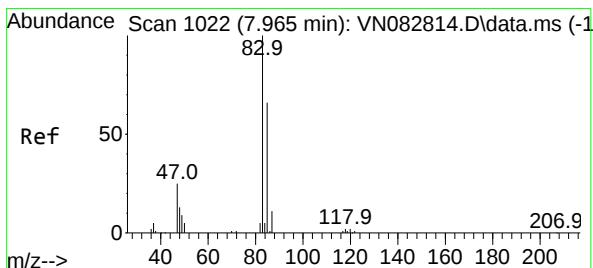
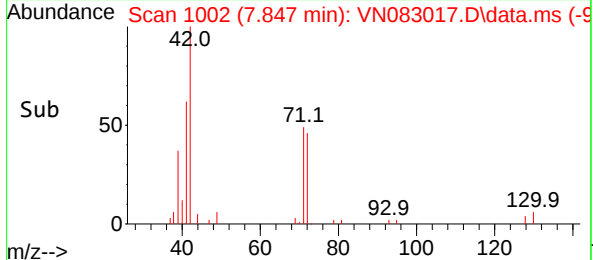
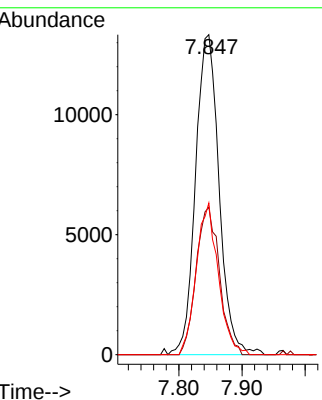
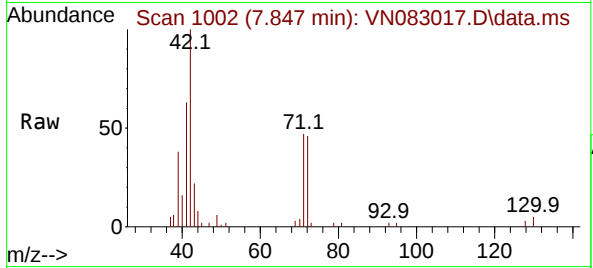
#29
Tetrahydrofuran
Concen: 96.870 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 42 Resp: 3459
Ion Ratio Lower Upper
42 100
72 45.5 30.0 45.0
71 44.3 28.3 42.5

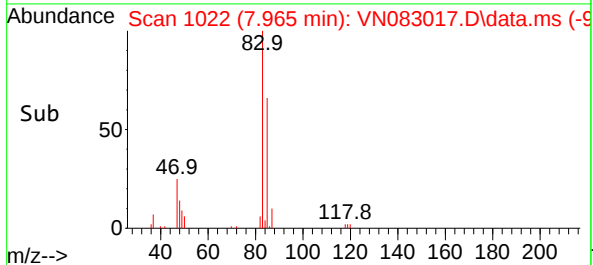
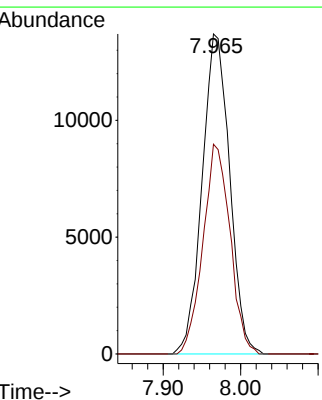
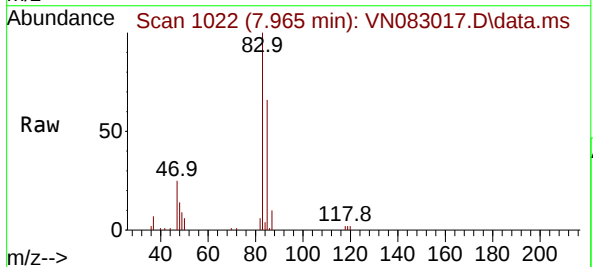
Manual Integrations
APPROVED

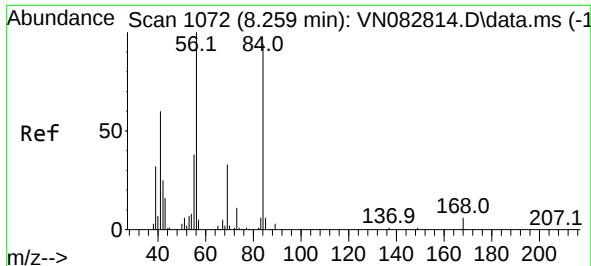
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#30
Chloroform
Concen: 20.708 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

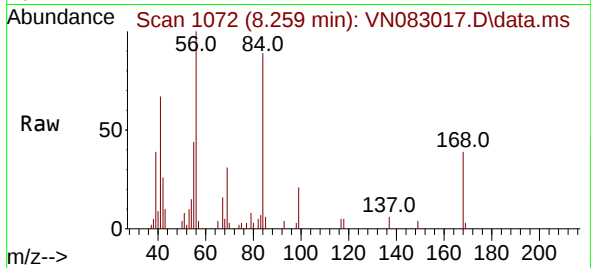
Tgt Ion: 83 Resp: 33778
Ion Ratio Lower Upper
83 100
85 65.6 50.9 76.3





#31
Cyclohexane
Concen: 16.211 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

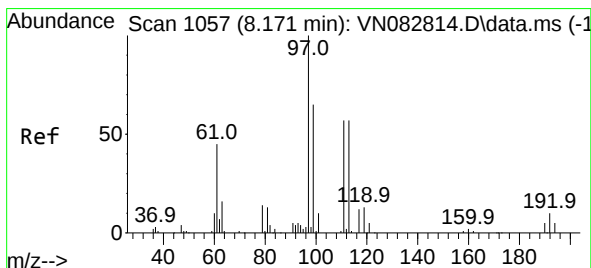
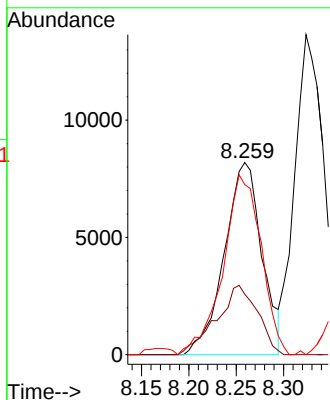
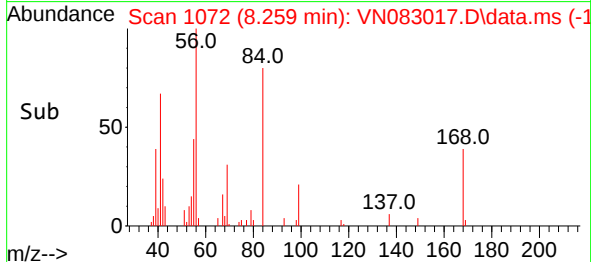
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



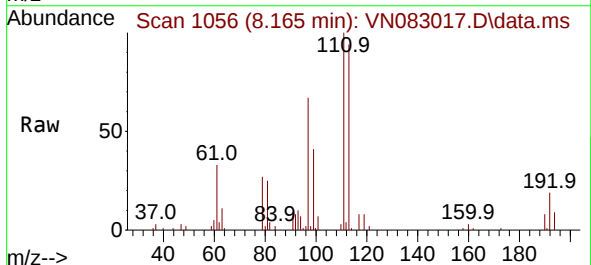
Tgt Ion: 56 Resp: 22610
Ion Ratio Lower Upper
56 100
69 31.5 24.5 36.7
84 88.6 66.0 99.0

Manual Integrations
APPROVED

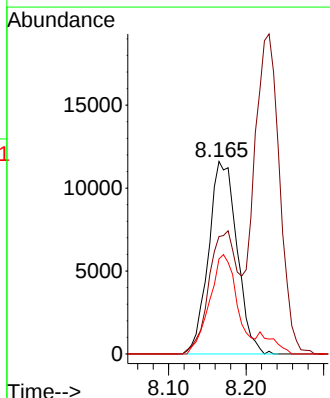
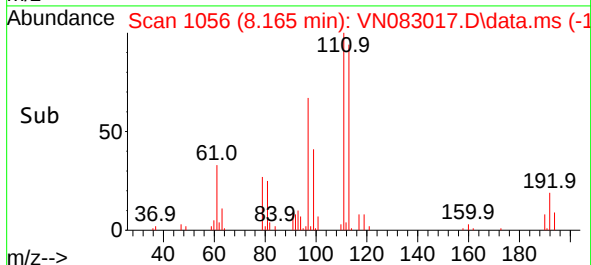
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

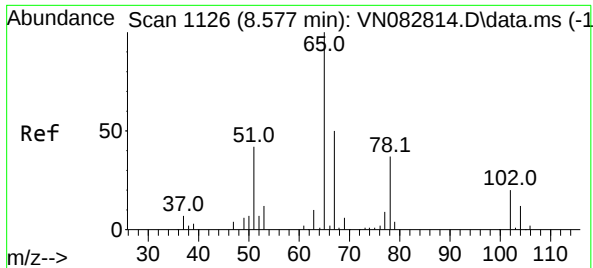


#32
1,1,1-Trichloroethane
Concen: 19.546 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



Tgt Ion: 97 Resp: 29602
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 50.3 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 49.285 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

Tgt Ion: 65 Resp: 5259

Ion Ratio Lower Upper

65 100

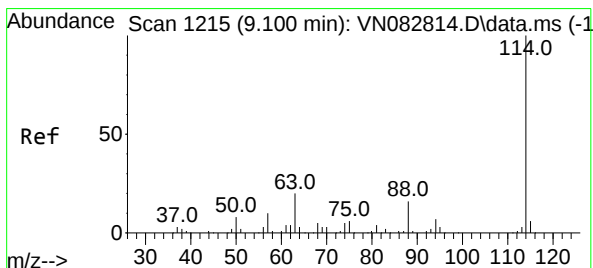
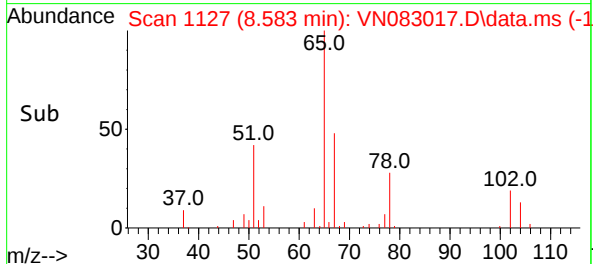
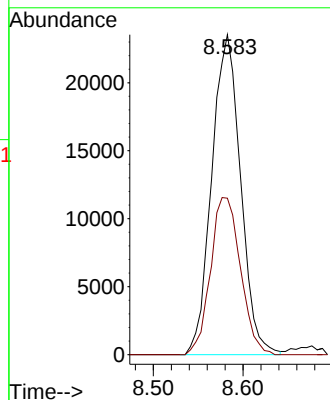
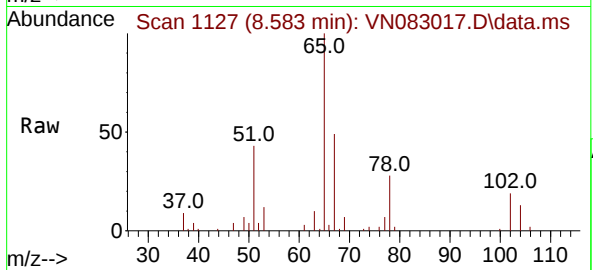
67 51.0 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

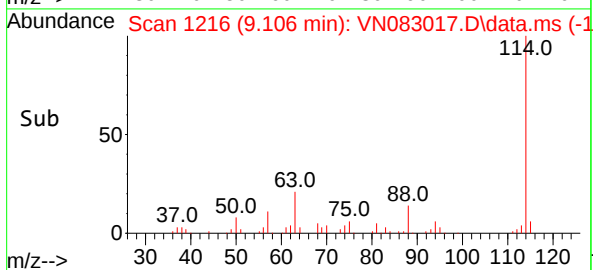
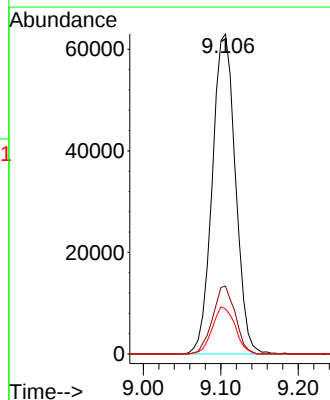
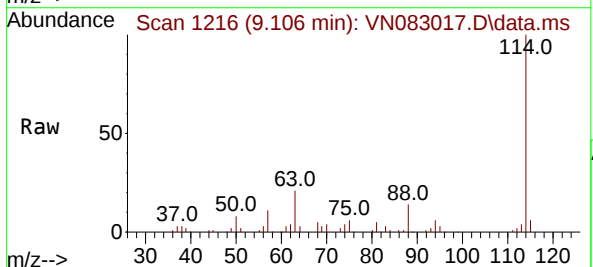
Tgt Ion:114 Resp: 130985

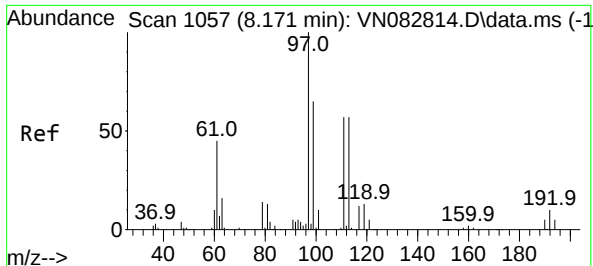
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

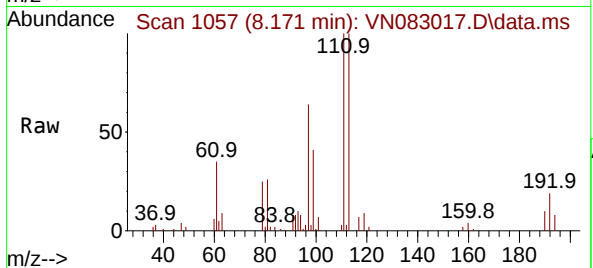
88 14.1 0.0 31.4





#35
Dibromofluoromethane
Concen: 49.779 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

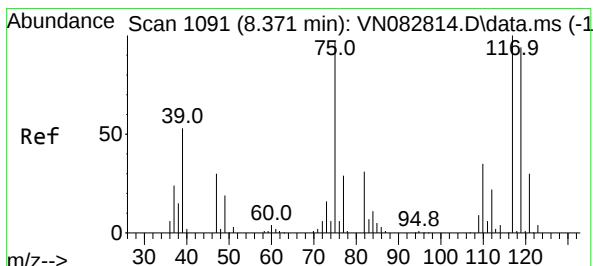
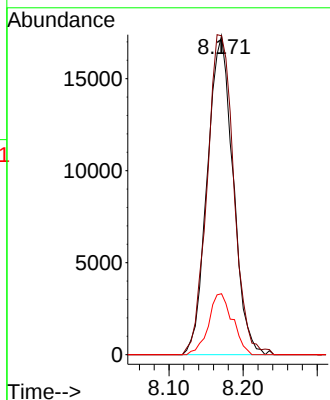
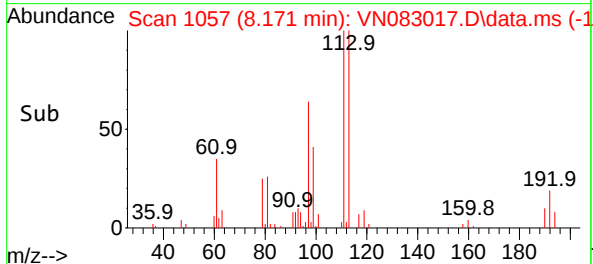
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



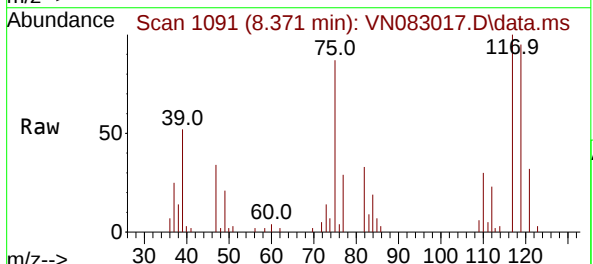
Tgt Ion: 113 Resp: 41839
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.8 14.9 22.3

Manual Integrations
APPROVED

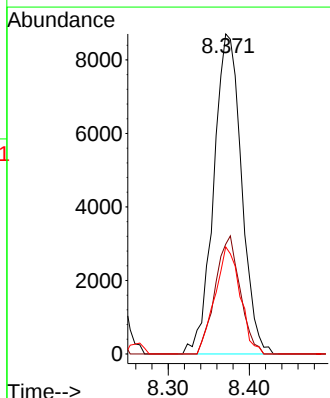
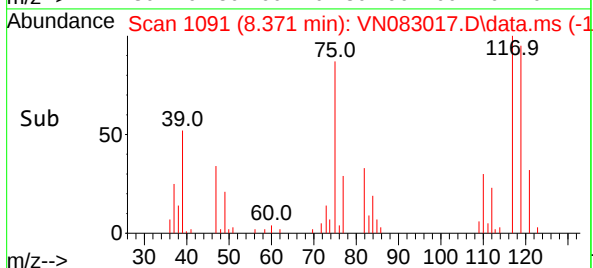
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

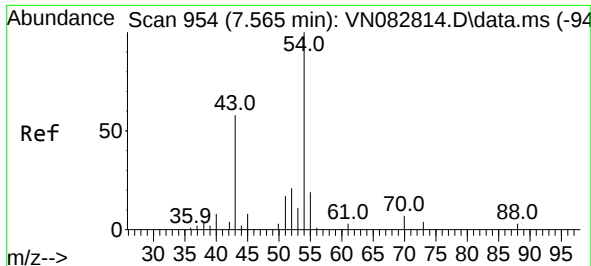


#36
1,1-Dichloropropene
Concen: 17.896 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



Tgt Ion: 75 Resp: 20738
Ion Ratio Lower Upper
75 100
110 33.0 16.3 48.9
77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 19.966 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

Tgt Ion: 43 Resp: 2355

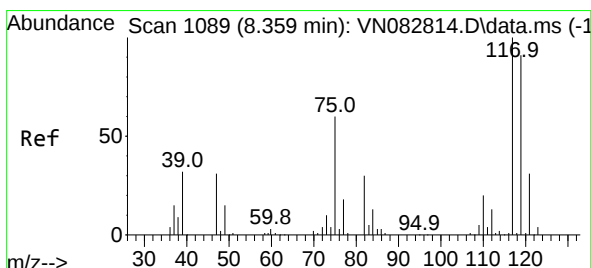
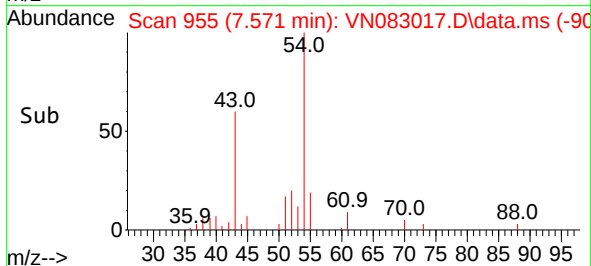
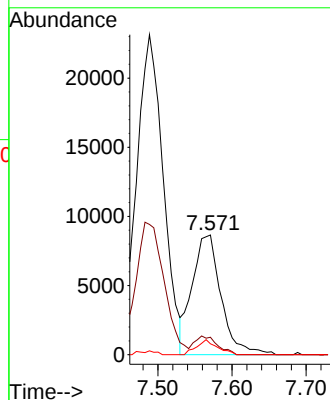
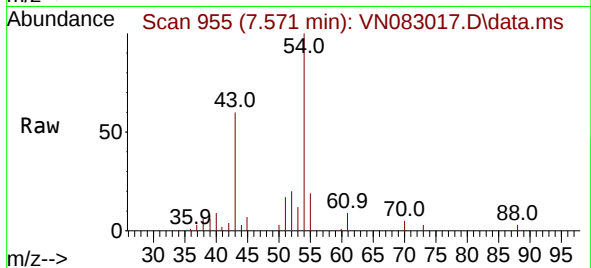
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.3	13.9
70	8.9	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#38

Carbon Tetrachloride

Concen: 18.214 ug/l

RT: 8.365 min Scan# 1090

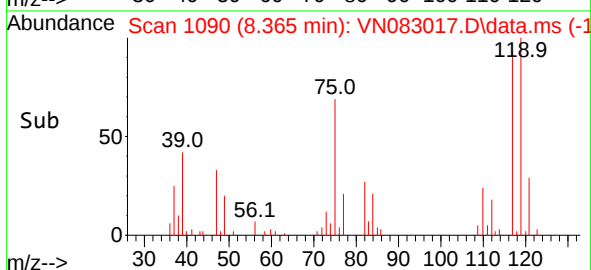
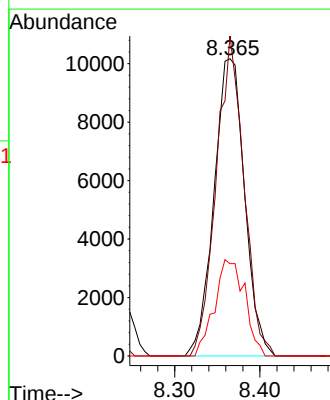
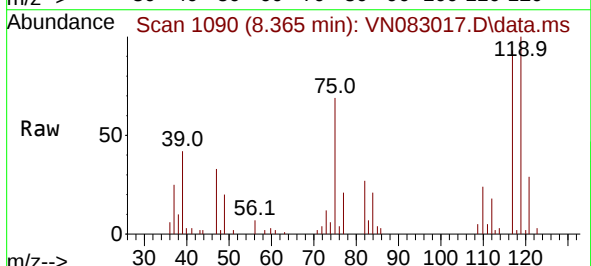
Delta R.T. -0.000 min

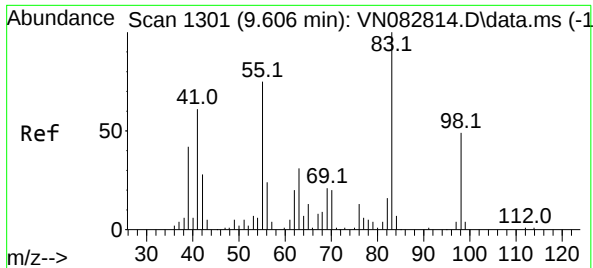
Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Tgt Ion:117 Resp: 25414

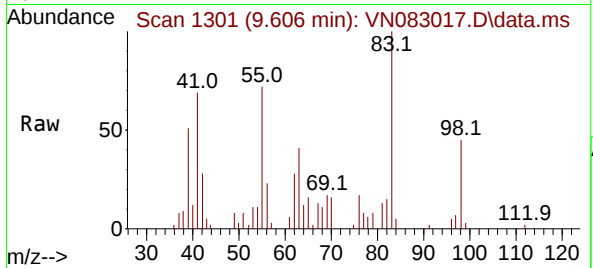
Ion	Ratio	Lower	Upper
117	100		
119	107.7	74.9	112.3
121	31.1	24.3	36.5





#39
Methylcyclohexane
Concen: 14.675 ug/l
RT: 9.606 min Scan# 11301
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

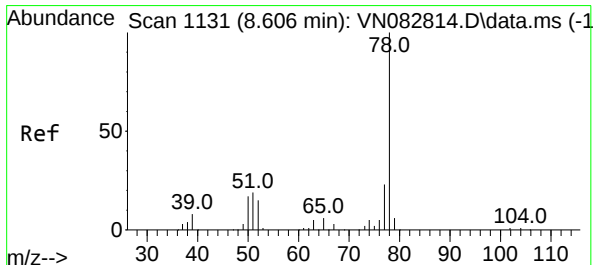
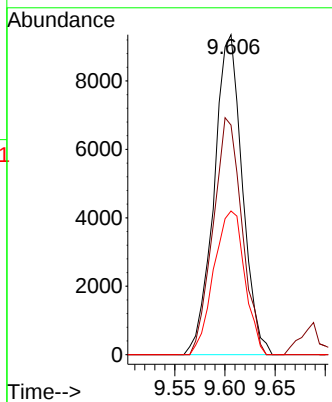
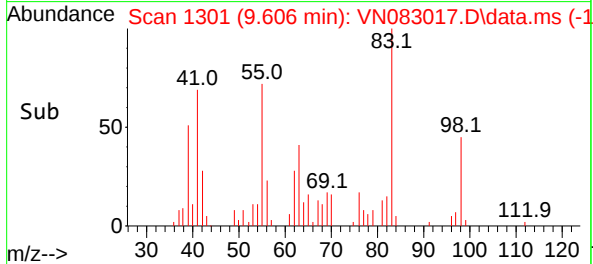
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 83 Resp: 18369
Ion Ratio Lower Upper
83 100
55 71.8 66.4 99.6
98 44.9 40.7 61.1

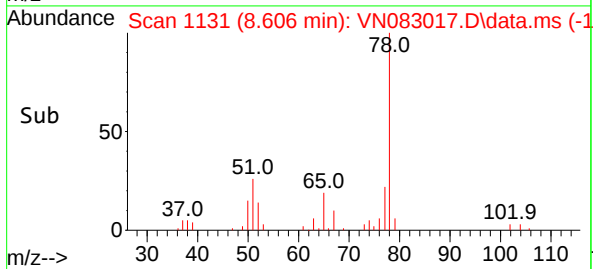
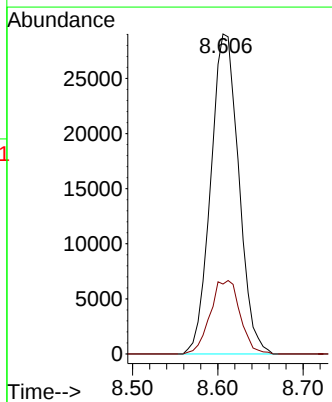
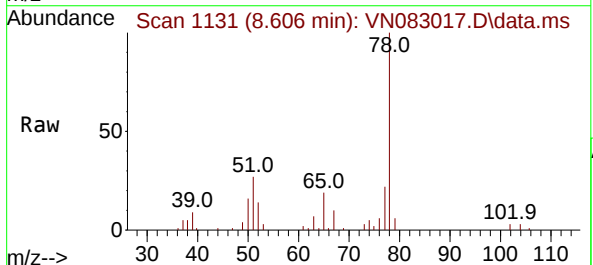
Manual Integrations
APPROVED

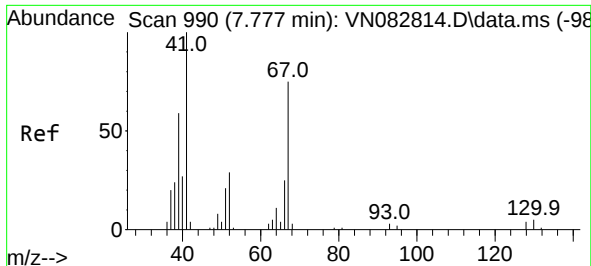
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#40
Benzene
Concen: 18.586 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

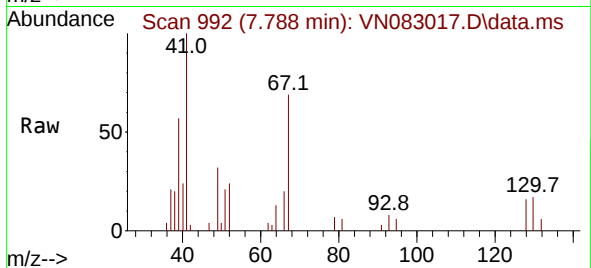
Tgt Ion: 78 Resp: 66252
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4





#41
Methacrylonitrile
Concen: 19.105 ug/l
RT: 7.788 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

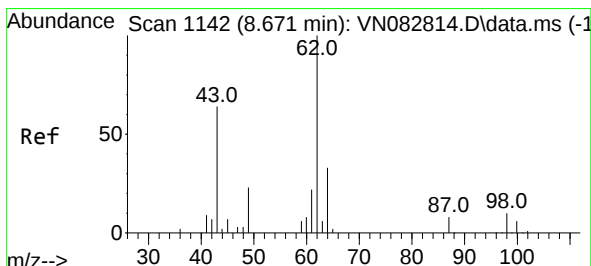
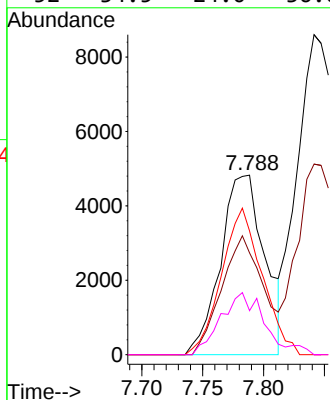
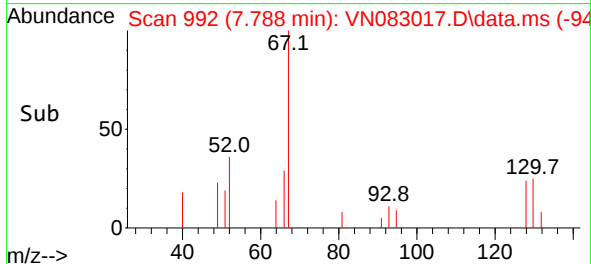
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 41 Resp: 1214
Ion Ratio Lower Upper
41 100
39 62.6 45.5 68.3
67 75.3 50.5 75.7
52 34.5 24.0 36.0

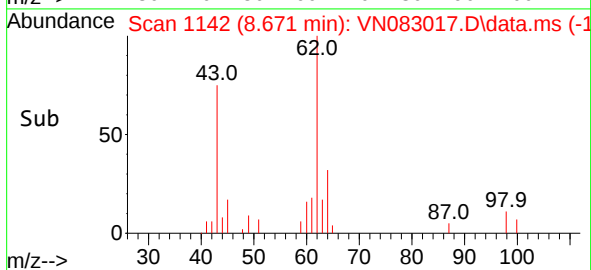
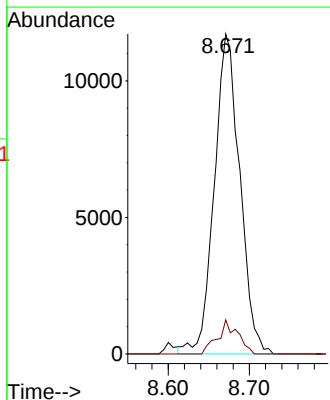
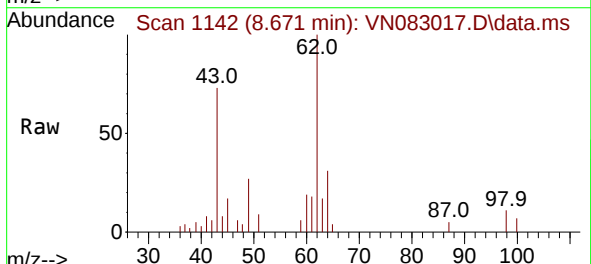
Manual Integrations
APPROVED

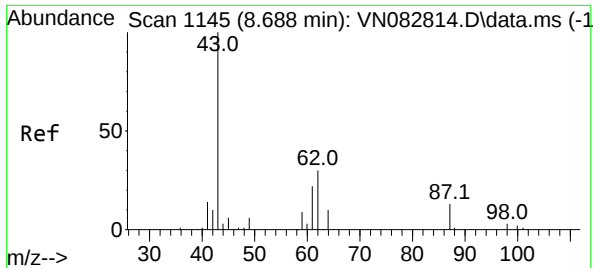
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#42
1,2-Dichloroethane
Concen: 19.942 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

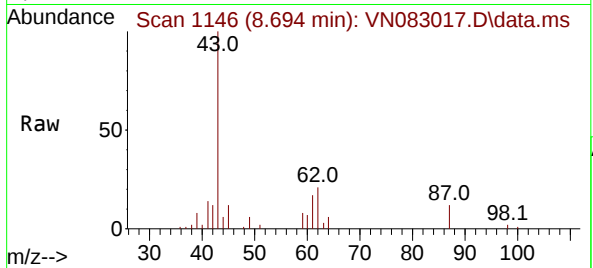
Tgt Ion: 62 Resp: 25590
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 20.829 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

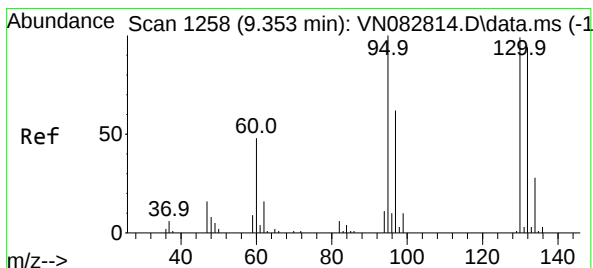
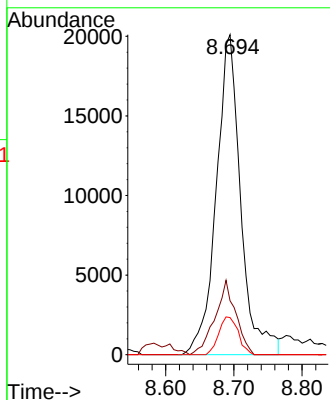
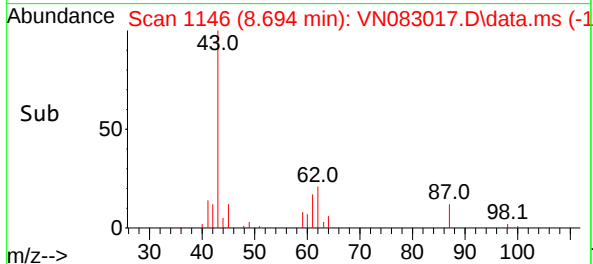
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



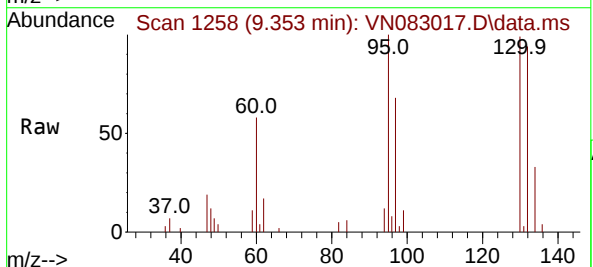
Tgt Ion: 43 Resp: 5018
Ion Ratio Lower Upper
43 100
61 19.7 17.8 26.6
87 9.4 8.2 12.2

Manual Integrations
APPROVED

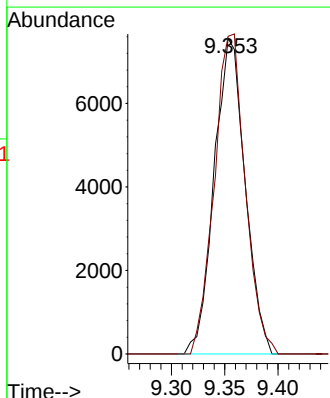
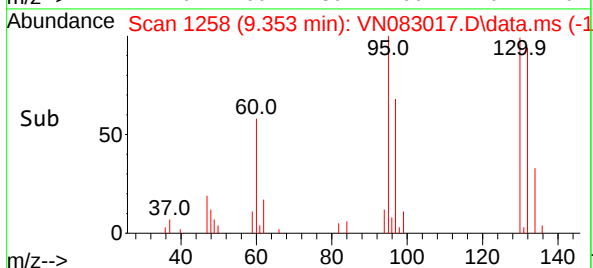
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

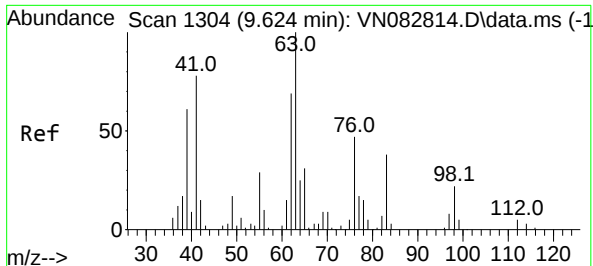


#44
Trichloroethene
Concen: 16.700 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



Tgt Ion:130 Resp: 15251
Ion Ratio Lower Upper
130 100
95 100.7 0.0 197.8





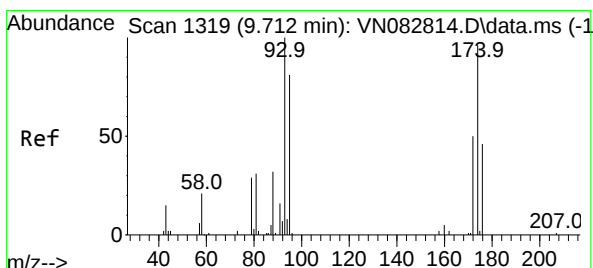
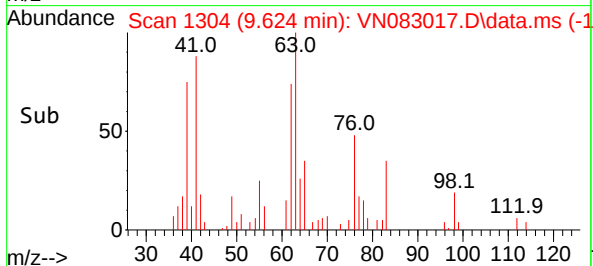
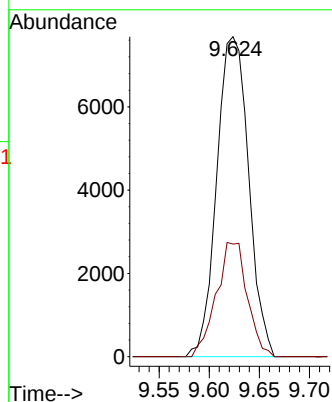
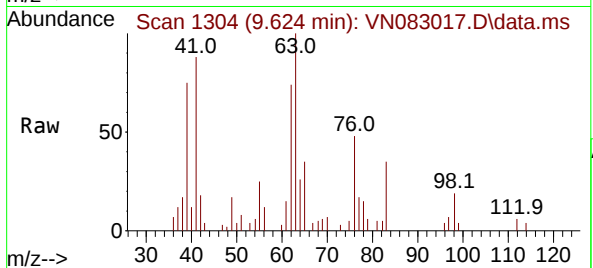
#45
1,2-Dichloropropane
Concen: 20.386 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 63 Resp: 1696
Ion Ratio Lower Upper
63 100
65 35.2 24.4 36.6

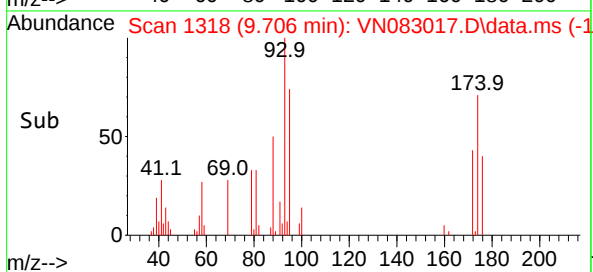
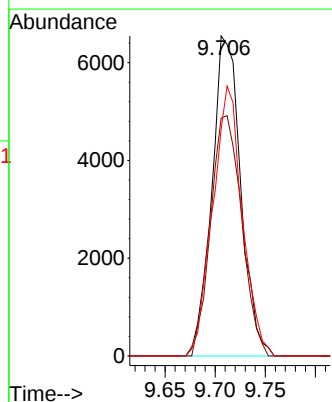
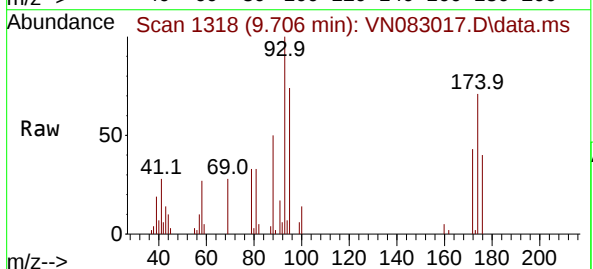
Manual Integrations
APPROVED

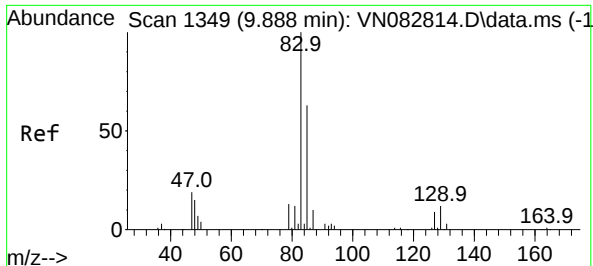
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#46
Dibromomethane
Concen: 20.194 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 93 Resp: 13092
Ion Ratio Lower Upper
93 100
95 80.3 65.8 98.6
174 86.5 71.7 107.5





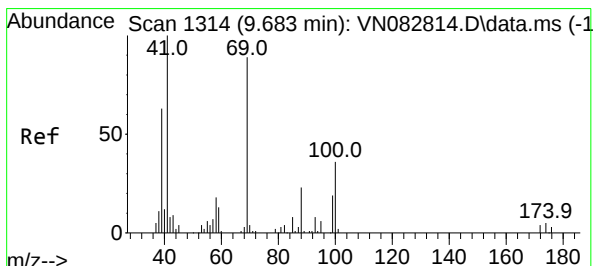
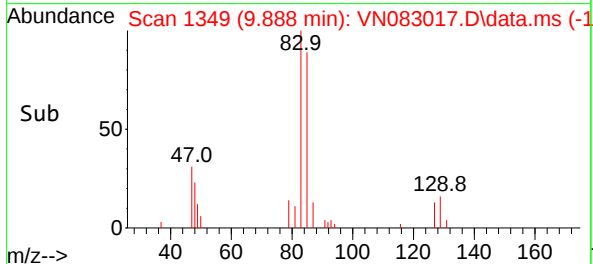
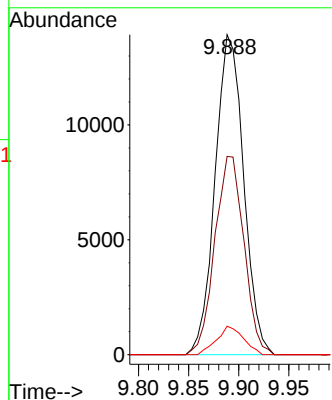
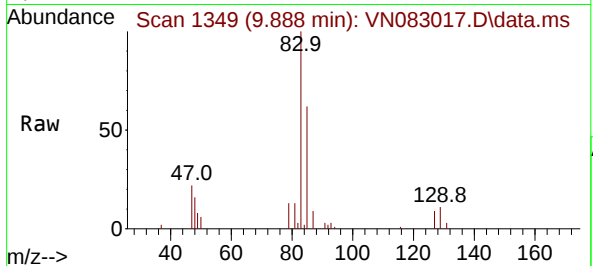
#47
Bromodichloromethane
Concen: 20.598 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 83 Resp: 2759
Ion Ratio Lower Upper
83 100
85 61.9 51.1 76.7
127 8.9 7.2 10.8

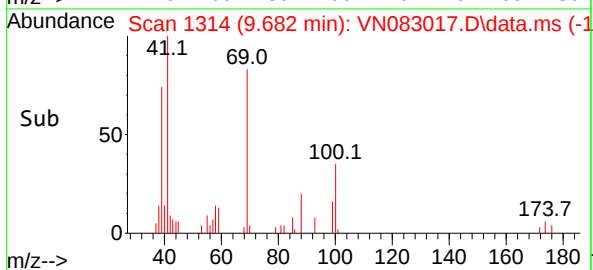
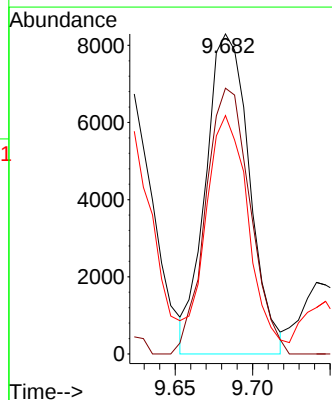
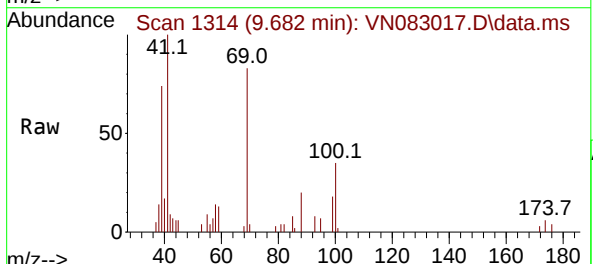
Manual Integrations
APPROVED

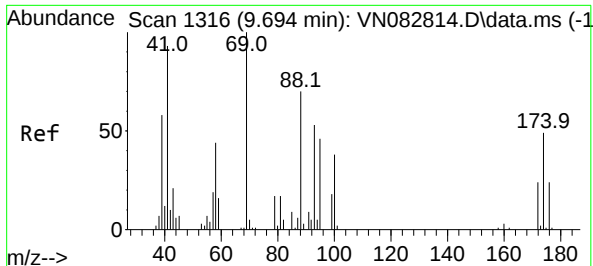
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#48
Methyl methacrylate
Concen: 17.631 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

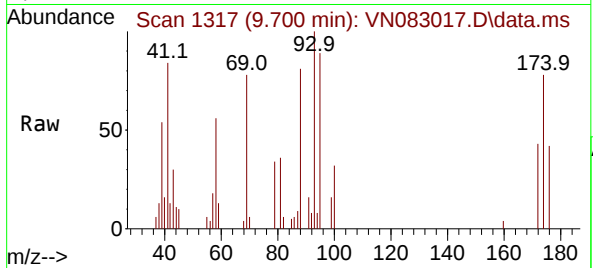
Tgt Ion: 41 Resp: 16310
Ion Ratio Lower Upper
41 100
69 84.4 56.3 84.5
39 73.1 50.3 75.5





#49
1,4-Dioxane
Concen: 352.597 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

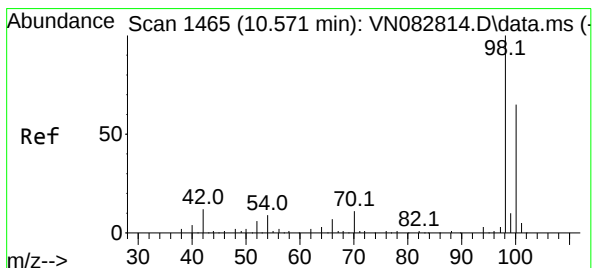
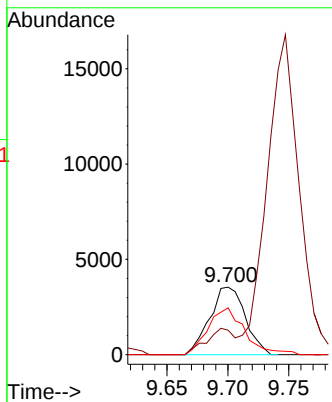
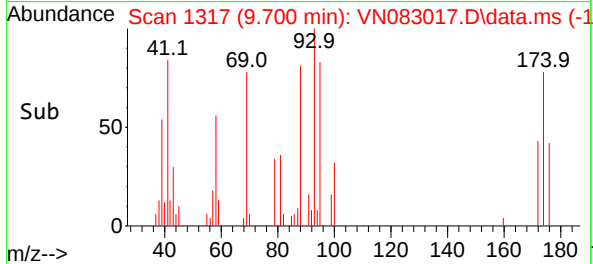
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 88 Resp: 7198
Ion Ratio Lower Upper
88 100
43 30.1 27.8 41.8
58 71.7 59.4 89.0

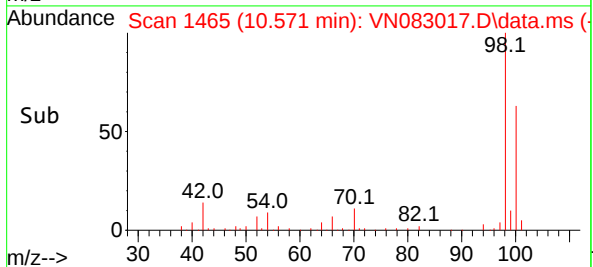
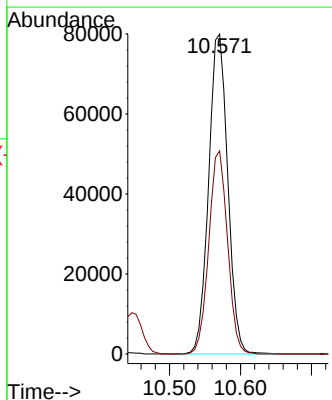
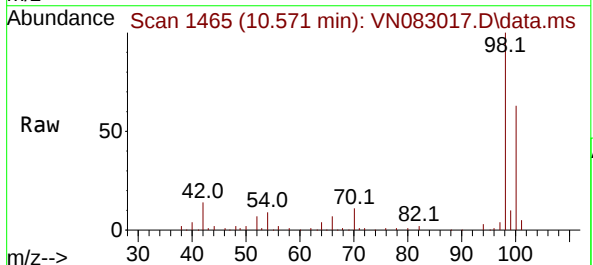
Manual Integrations
APPROVED

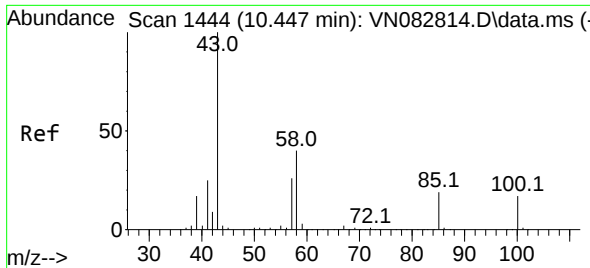
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#50
Toluene-d8
Concen: 48.162 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 98 Resp: 149512
Ion Ratio Lower Upper
98 100
100 62.2 51.5 77.3





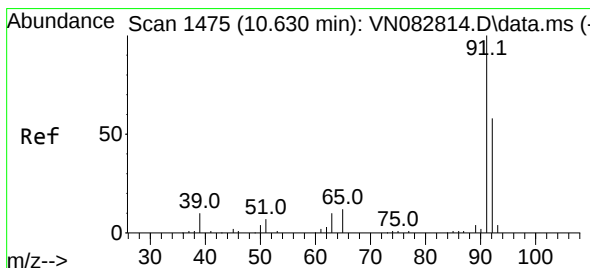
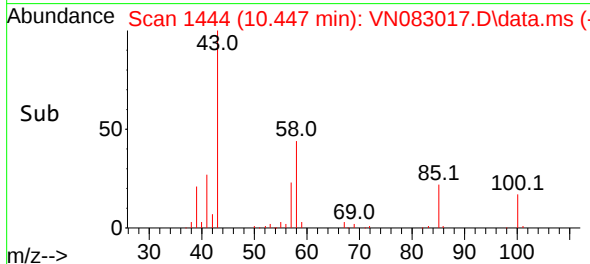
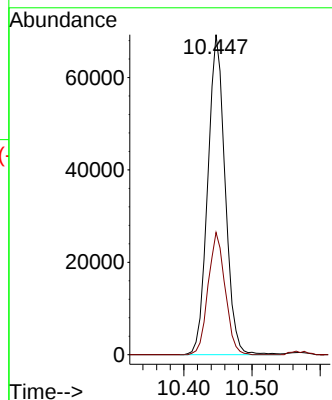
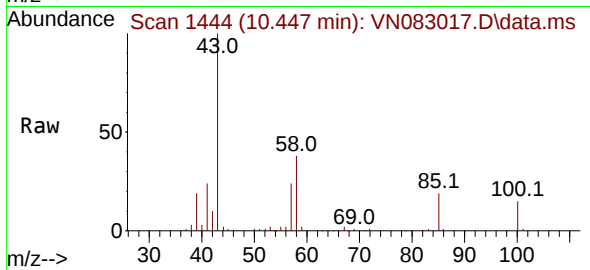
#51
4-Methyl-2-Pentanone
Concen: 104.950 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 43 Resp: 122752
Ion Ratio Lower Upper
43 100
58 37.4 28.2 42.4

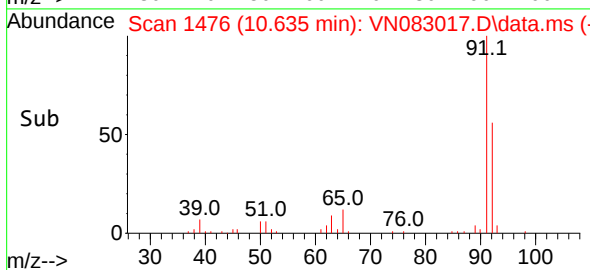
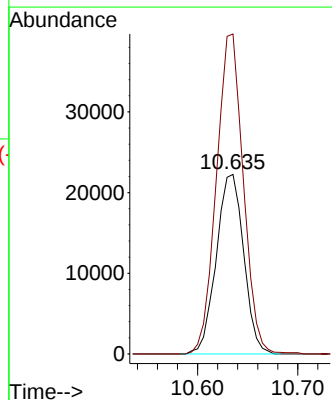
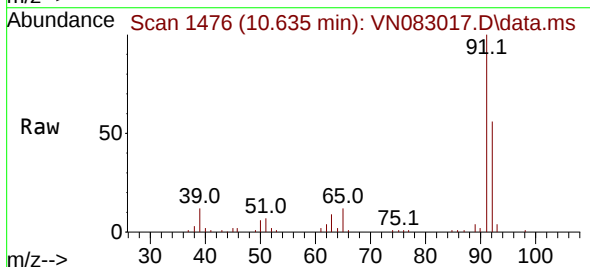
Manual Integrations
APPROVED

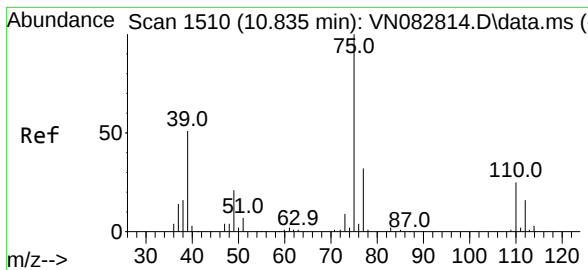
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#52
Toluene
Concen: 18.945 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

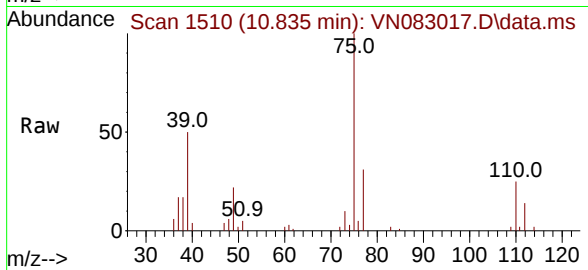
Tgt Ion: 92 Resp: 42185
Ion Ratio Lower Upper
92 100
91 175.2 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 17.896 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

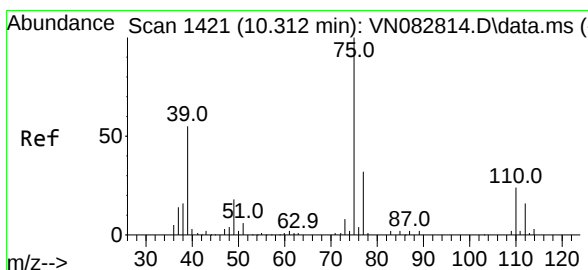
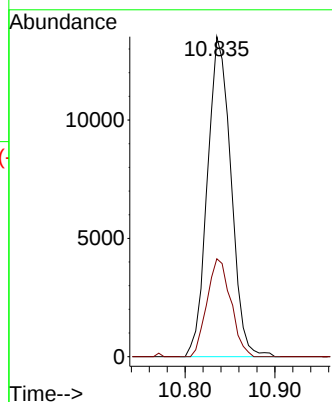
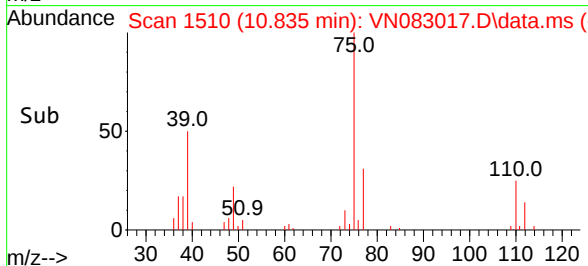
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



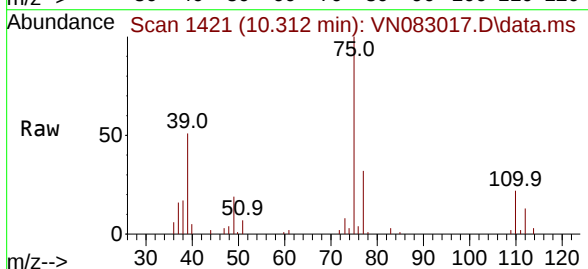
Tgt Ion: 75 Resp: 2469
Ion Ratio Lower Upper
75 100
77 30.6 25.7 38.5

Manual Integrations
APPROVED

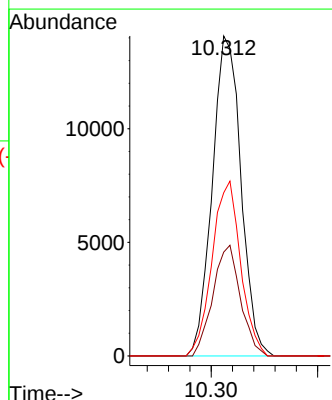
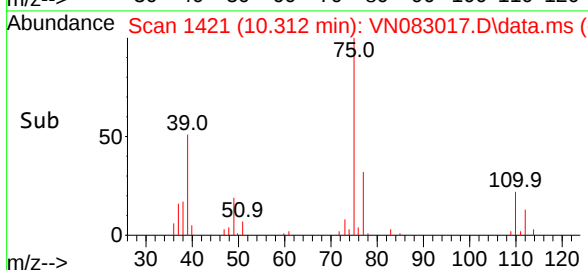
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

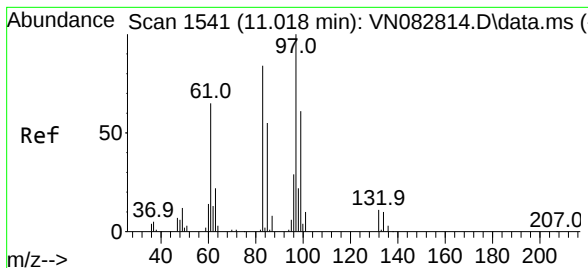


#54
cis-1,3-Dichloropropene
Concen: 18.010 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



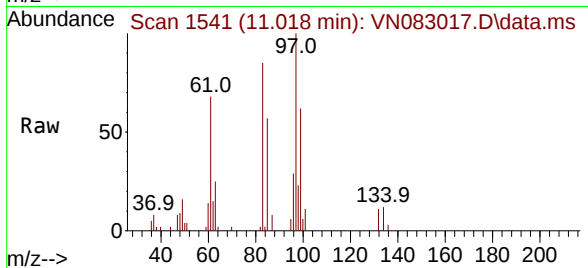
Tgt Ion: 75 Resp: 26308
Ion Ratio Lower Upper
75 100
77 32.5 24.3 36.5
39 51.0 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 20.954 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

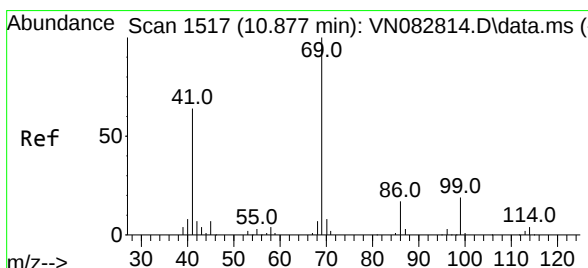
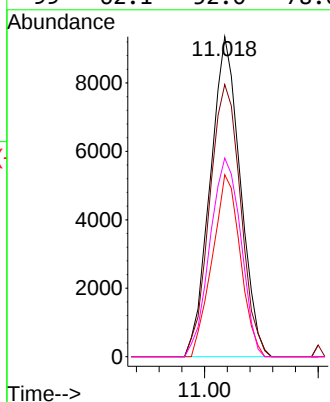
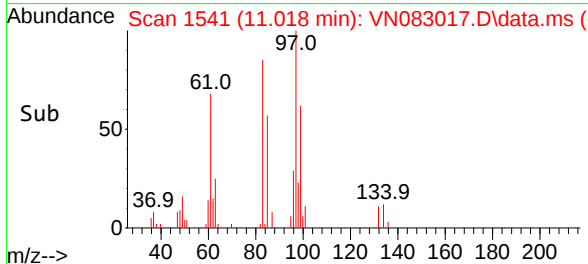
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 97	Resp: 1715
Ion Ratio	Lower Upper
97 100	
83 85.1	71.4 107.0
85 56.8	45.8 68.6
99 62.1	52.0 78.0

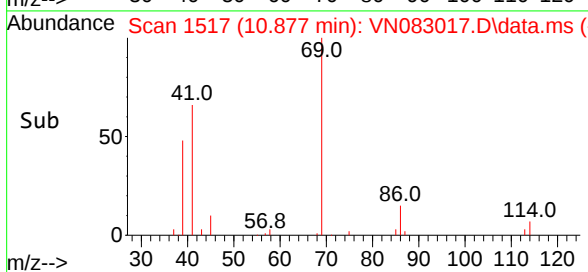
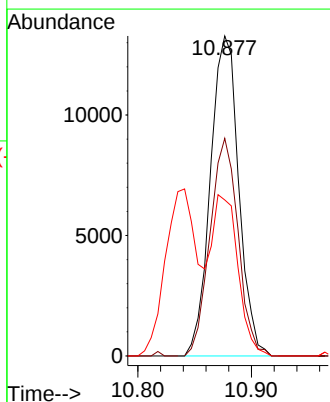
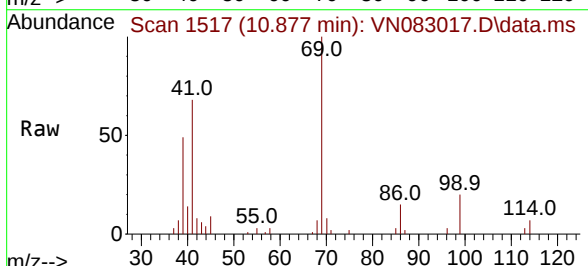
Manual Integrations
APPROVED

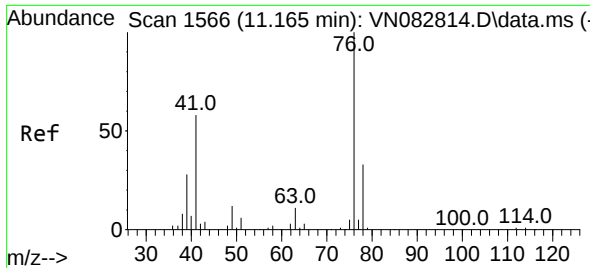
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#56
Ethyl methacrylate
Concen: 18.071 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

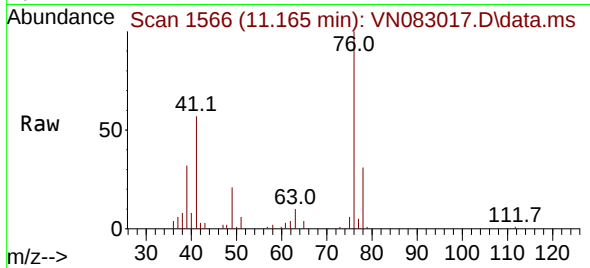
Tgt Ion: 69	Resp: 23020
Ion Ratio	Lower Upper
69 100	
41 67.5	63.4 95.2
39 46.6	37.4 56.0





#57
1,3-Dichloropropane
Concen: 19.366 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

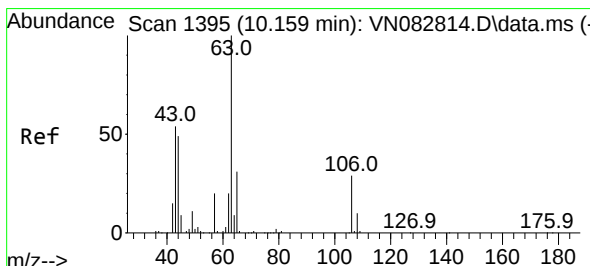
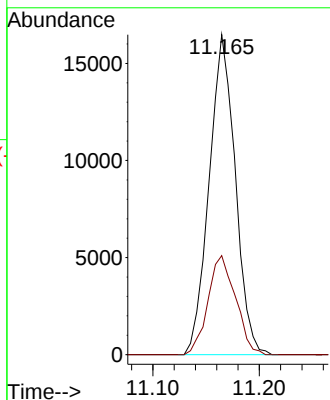
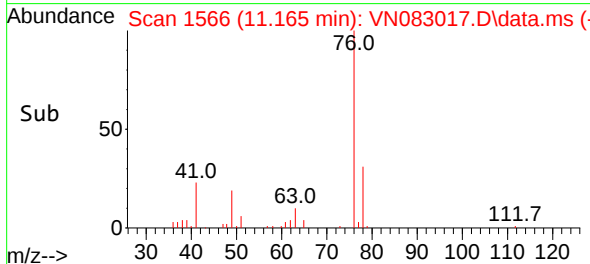
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 76 Resp: 2806
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4

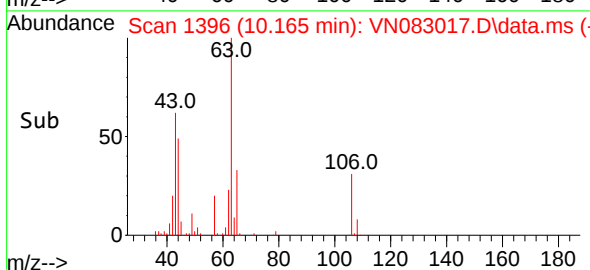
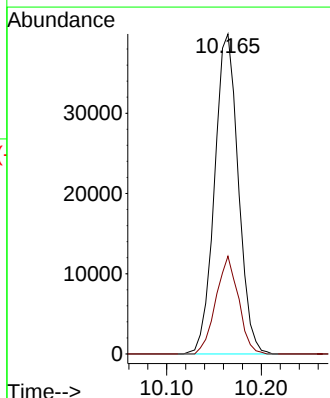
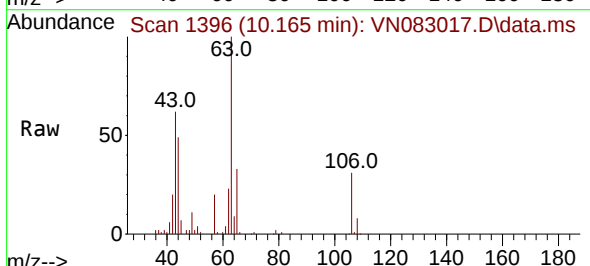
Manual Integrations
APPROVED

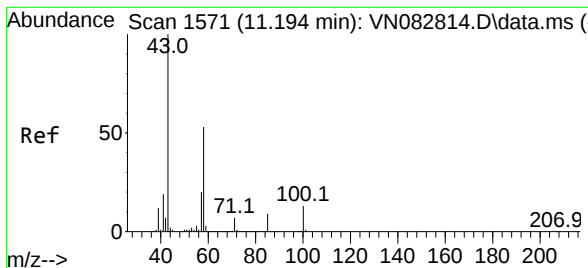
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#58
2-Chloroethyl Vinyl ether
Concen: 106.353 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 63 Resp: 69519
Ion Ratio Lower Upper
63 100
106 29.1 21.4 32.0





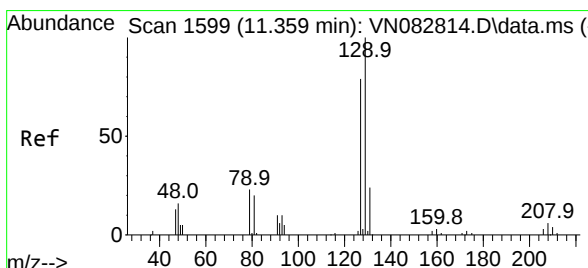
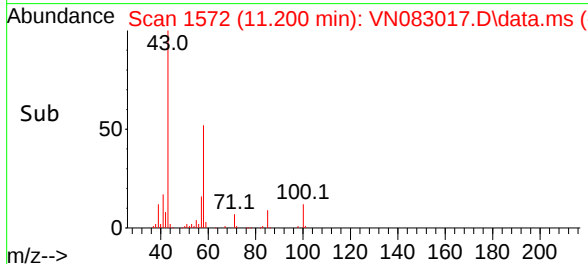
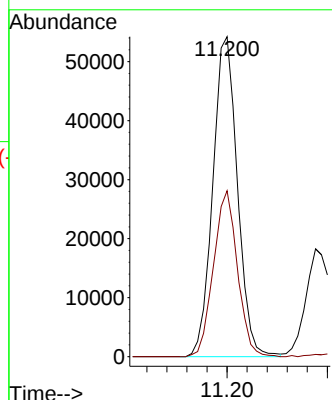
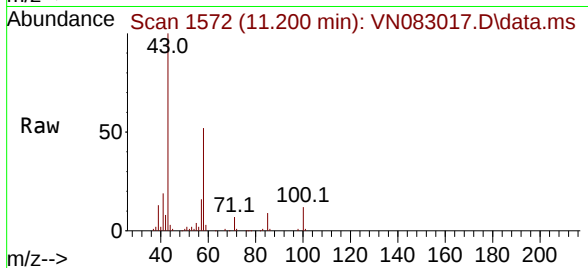
#59
2-Hexanone
Concen: 106.052 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 43 Resp: 9222
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.8

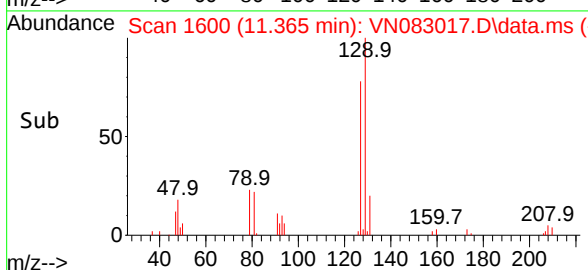
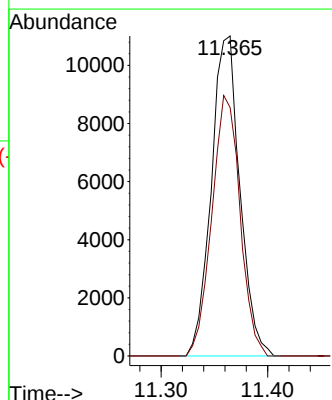
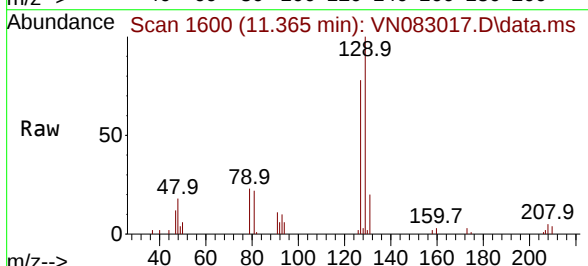
Manual Integrations
APPROVED

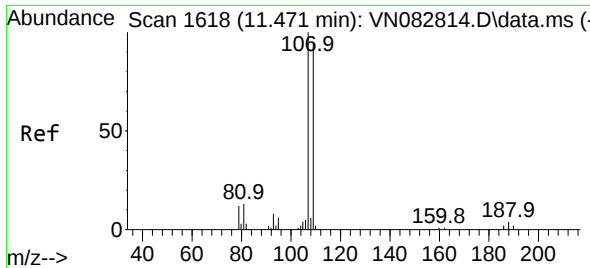
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#60
Dibromochloromethane
Concen: 19.673 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion:129 Resp: 20517
Ion Ratio Lower Upper
129 100
127 80.1 39.2 117.6





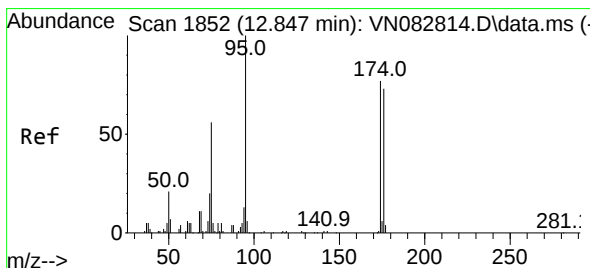
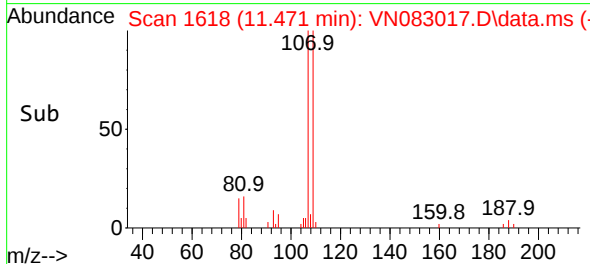
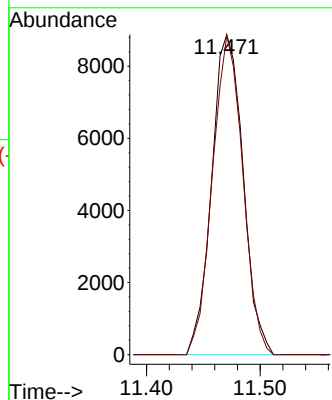
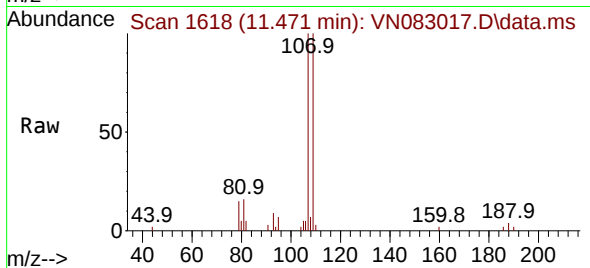
#61
1,2-Dibromoethane
Concen: 19.584 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion:107 Resp: 17029
Ion Ratio Lower Upper
107 100
109 96.3 73.7 110.5

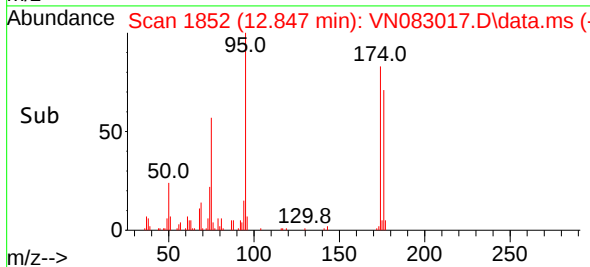
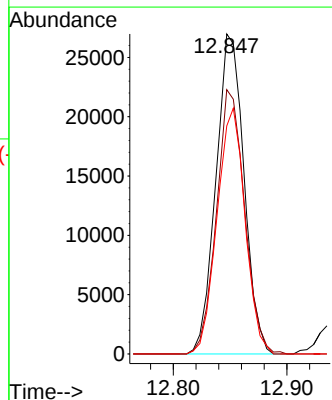
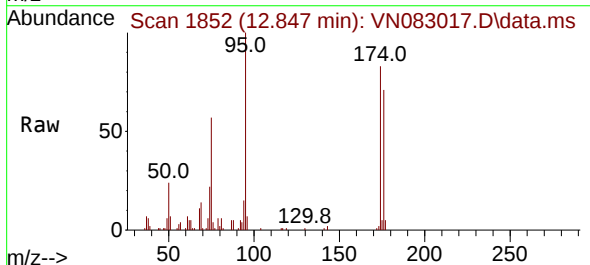
Manual Integrations
APPROVED

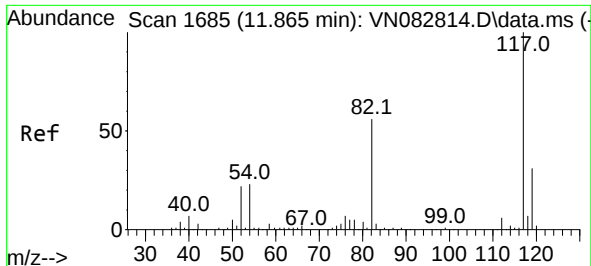
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#62
4-Bromofluorobenzene
Concen: 41.445 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 95 Resp: 46216
Ion Ratio Lower Upper
95 100
174 82.9 0.0 159.2
176 76.7 0.0 147.6





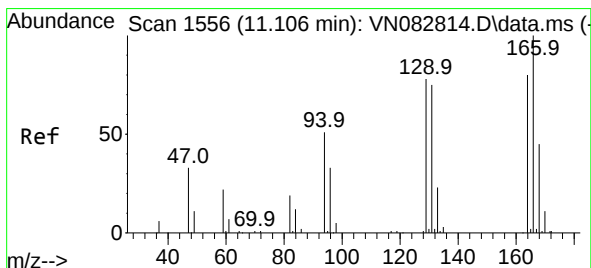
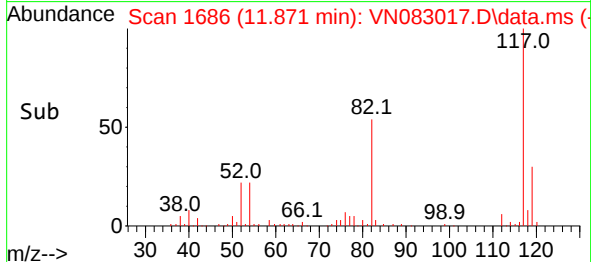
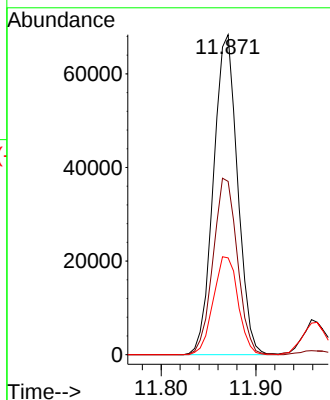
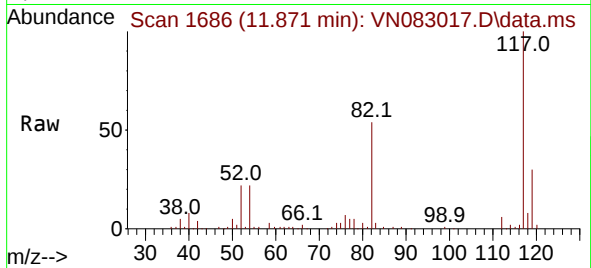
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1186
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion:117 Resp: 12101
Ion Ratio Lower Upper
117 100
82 54.1 47.5 71.3
119 30.3 25.6 38.4

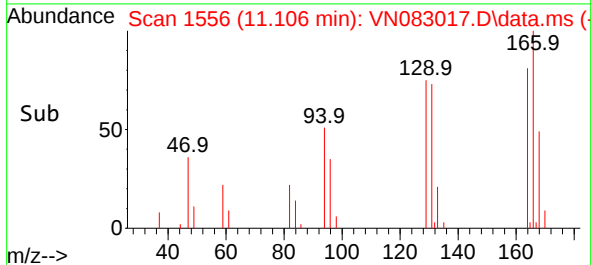
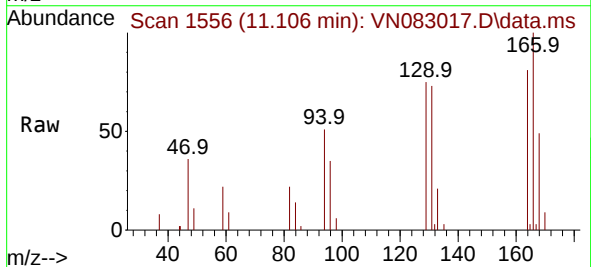
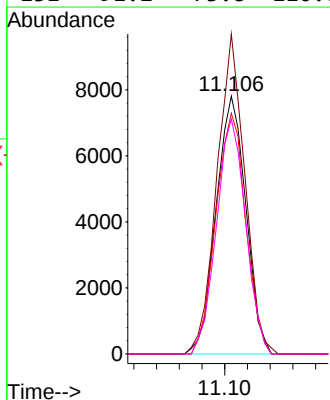
Manual Integrations
APPROVED

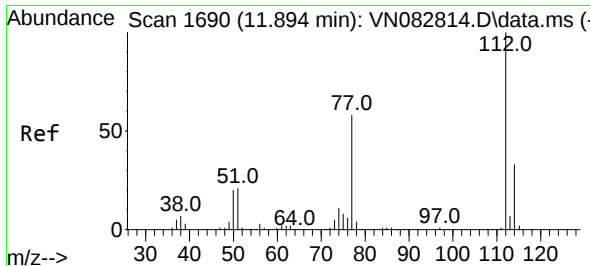
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#64
Tetrachloroethene
Concen: 15.728 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

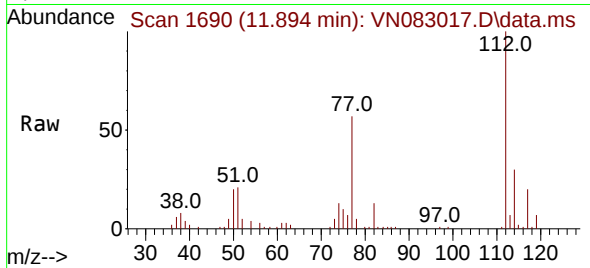
Tgt Ion:164 Resp: 14200
Ion Ratio Lower Upper
164 100
166 124.2 101.4 152.0
129 93.5 75.7 113.5
131 91.2 73.8 110.6





#65
Chlorobenzene
Concen: 18.481 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

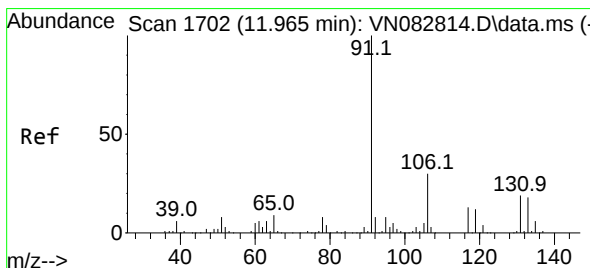
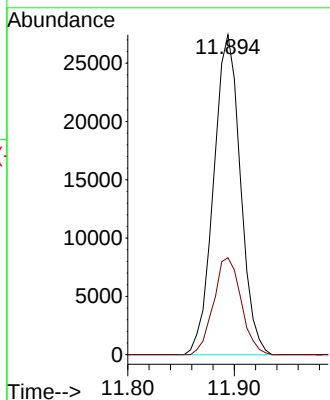
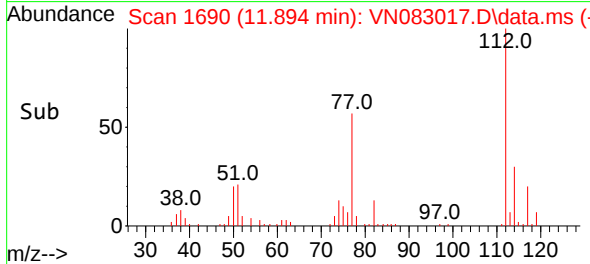
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion:112 Resp: 47924
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.2

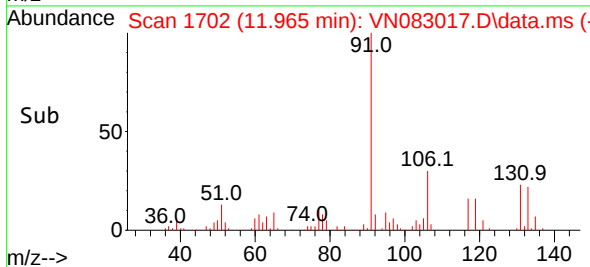
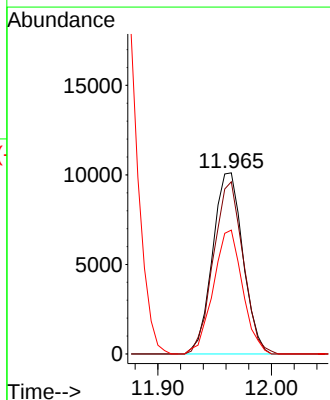
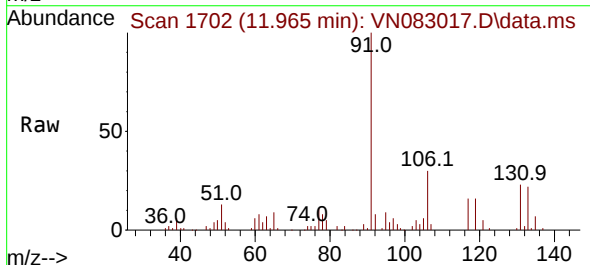
Manual Integrations
APPROVED

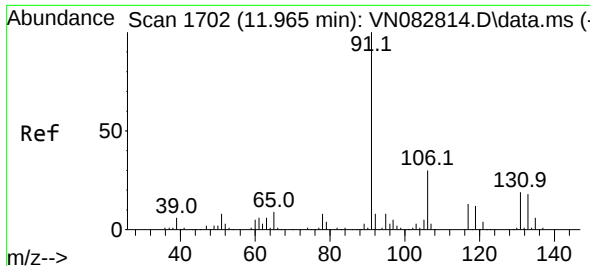
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.320 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion:131 Resp: 18743
Ion Ratio Lower Upper
131 100
133 93.4 47.3 142.0
119 66.1 32.5 97.4





#67

Ethyl Benzene

Concen: 16.786 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.001 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

Tgt Ion: 91 Resp: 73162

Ion Ratio Lower Upper

91 100

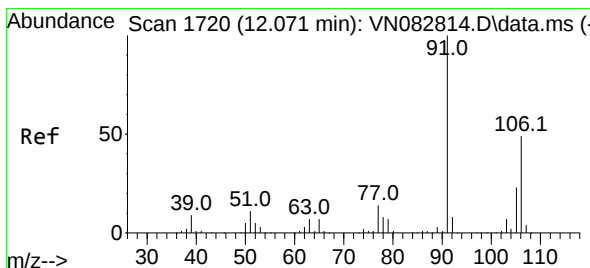
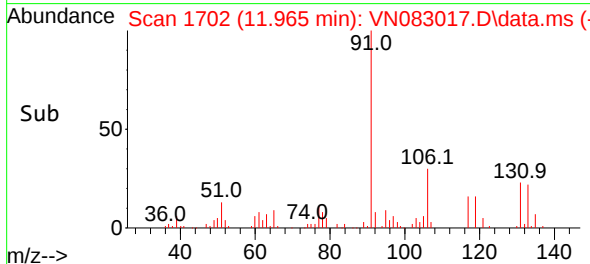
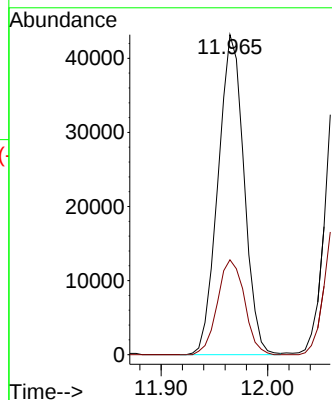
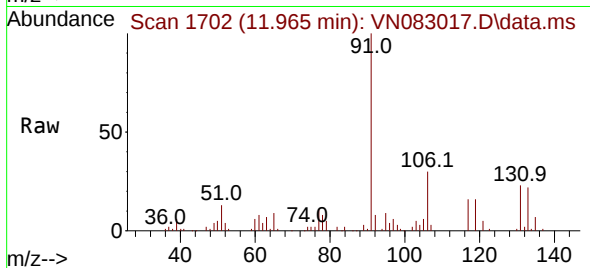
106 29.7 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#68

m/p-Xylenes

Concen: 34.536 ug/l

RT: 12.076 min Scan# 1721

Delta R.T. 0.006 min

Lab File: VN083017.D

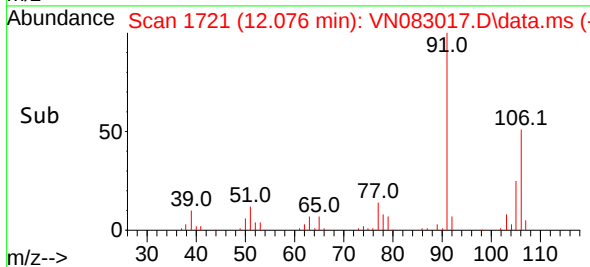
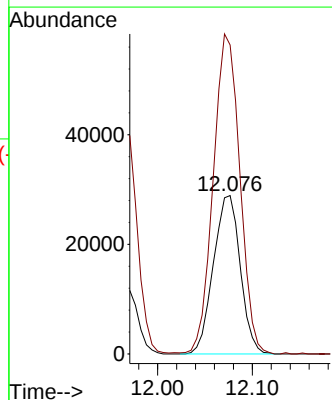
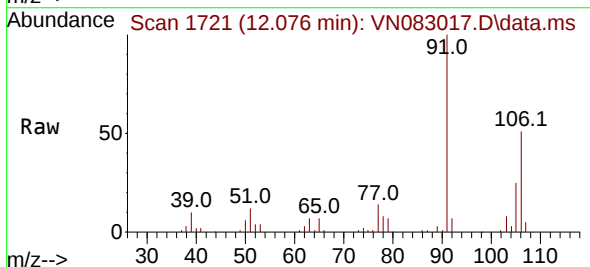
Acq: 23 Jul 2024 17:36

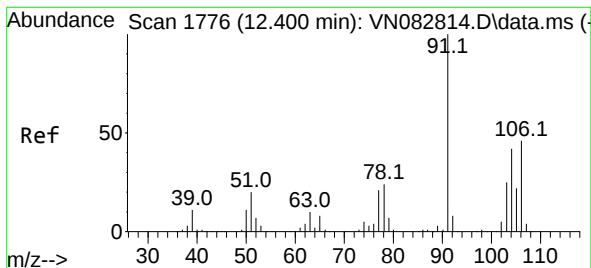
Tgt Ion:106 Resp: 56828

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1





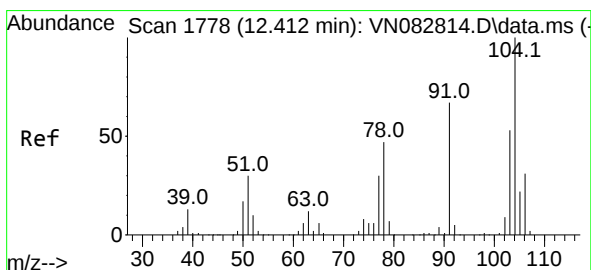
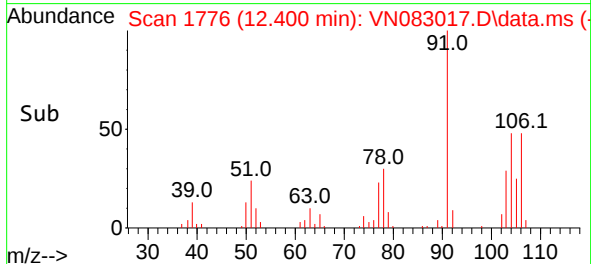
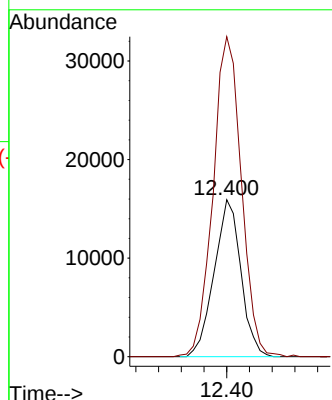
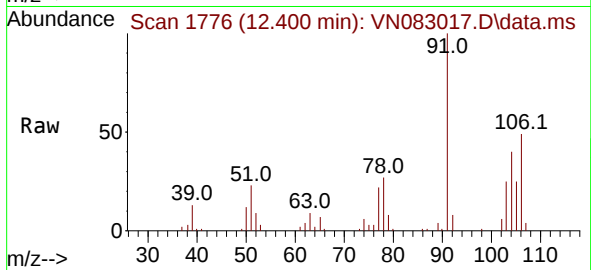
#69
o-Xylene
Concen: 16.508 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion:106 Resp: 2602
Ion Ratio Lower Upper
106 100
91 216.0 111.3 333.9

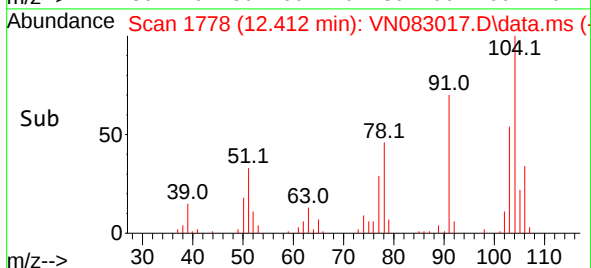
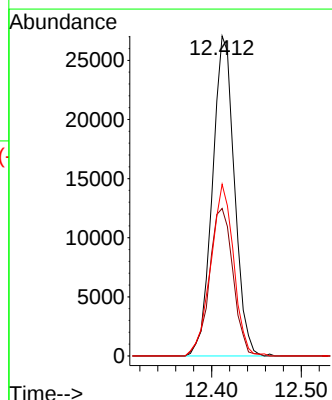
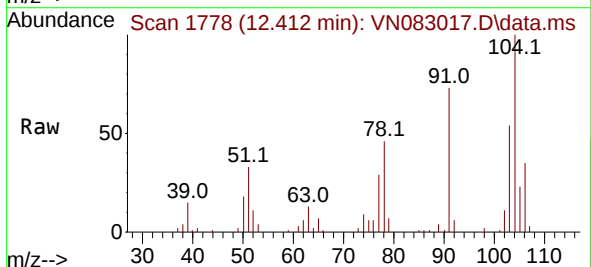
Manual Integrations
APPROVED

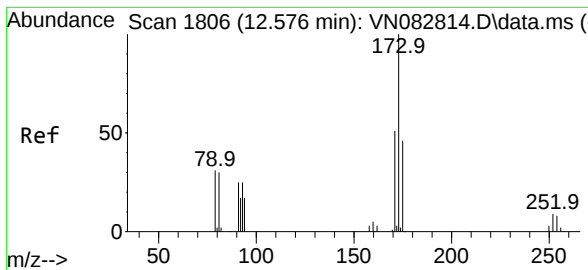
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#70
Styrene
Concen: 17.707 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

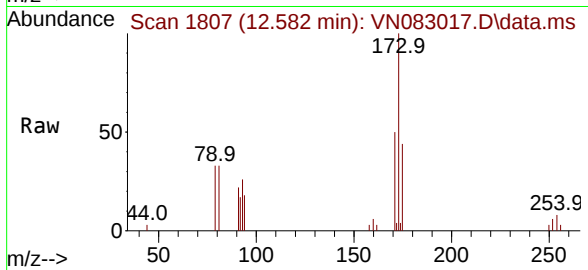
Tgt Ion:104 Resp: 46128
Ion Ratio Lower Upper
104 100
78 49.6 41.6 62.4
103 55.7 44.0 66.0





#71
Bromoform
Concen: 19.117 ug/l
RT: 12.582 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

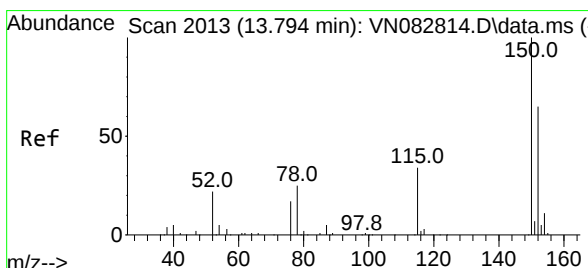
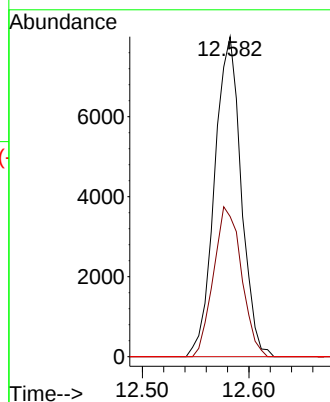
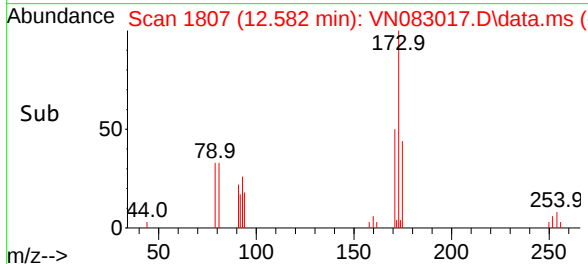
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



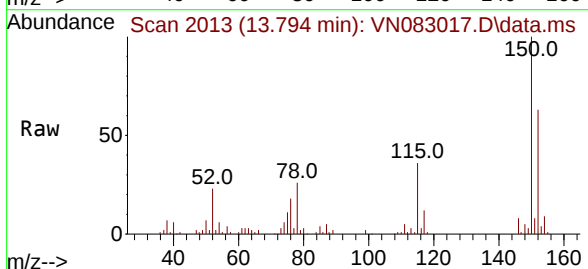
Tgt Ion:173 Resp: 1386
Ion Ratio Lower Upper
173 100
175 49.2 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

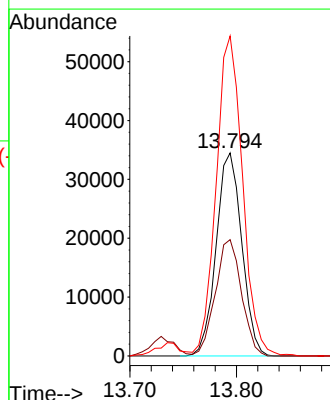
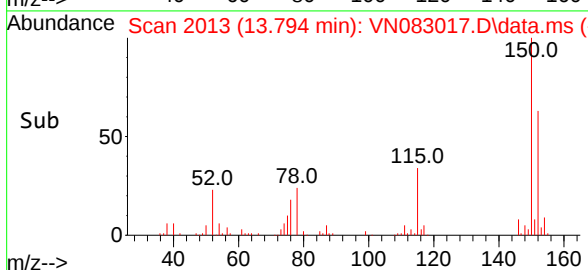
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

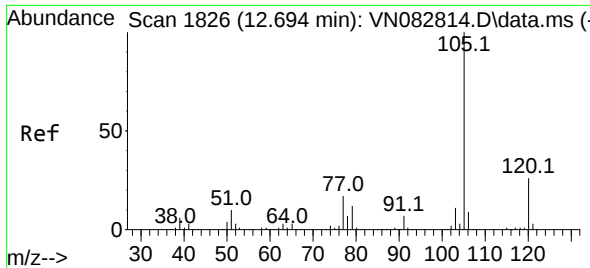


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



Tgt Ion:152 Resp: 57568
Ion Ratio Lower Upper
152 100
115 58.3 30.6 91.6
150 162.5 0.0 348.6





#73
Isopropylbenzene
Concen: 15.766 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

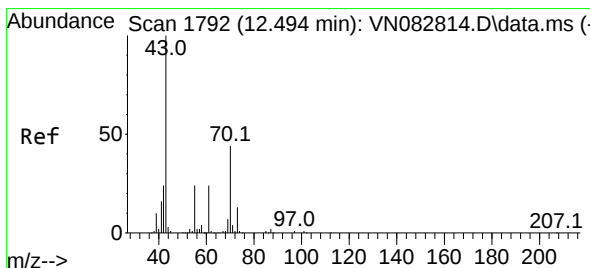
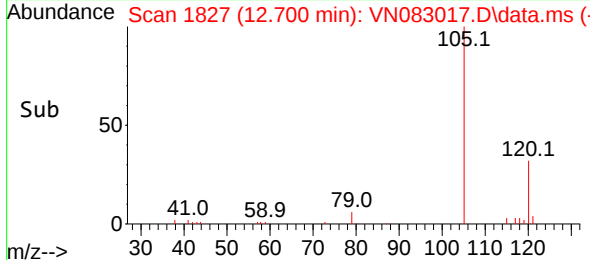
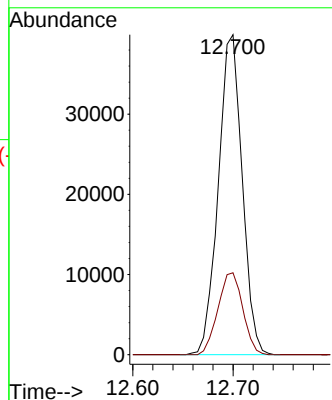
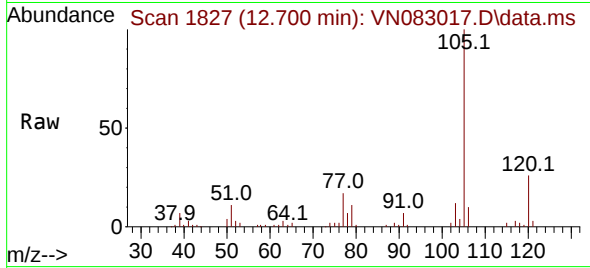
Tgt Ion:105 Resp: 65952
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.6

Manual Integrations

APPROVED

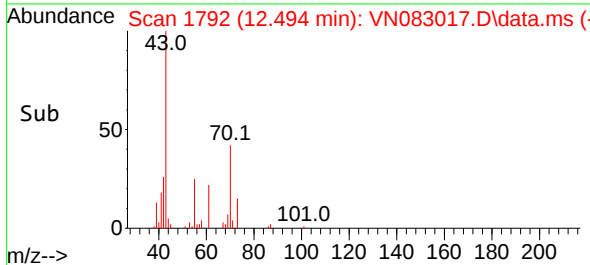
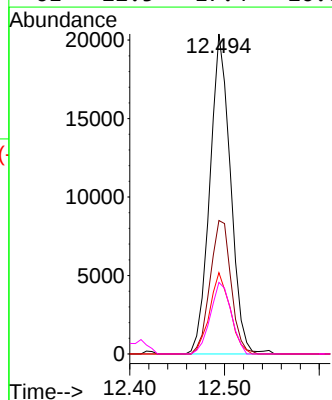
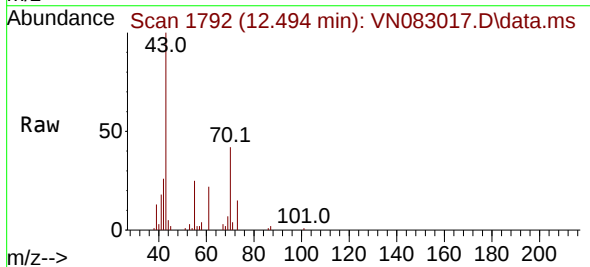
Reviewed By :John Carlone 07/24/2024

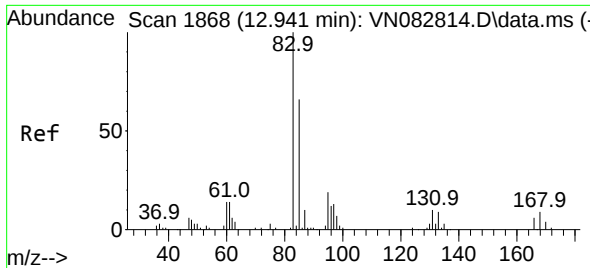
Supervised By :Mahesh Dadoda 07/24/2024



#74
N-ethyl acetate
Concen: 17.811 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

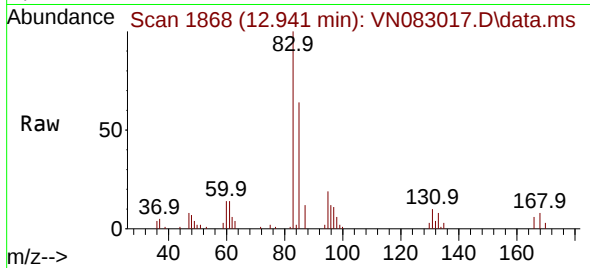
Tgt Ion: 43 Resp: 30818
Ion Ratio Lower Upper
43 100
70 42.2 29.8 44.6
55 25.0 18.7 28.1
61 22.5 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 20.460 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

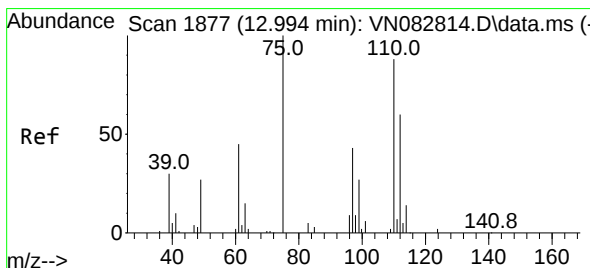
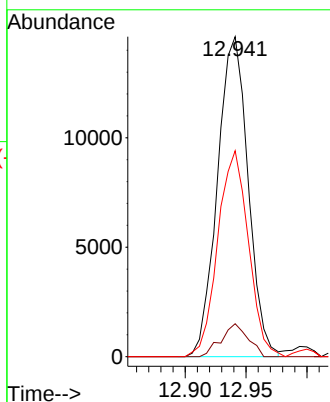
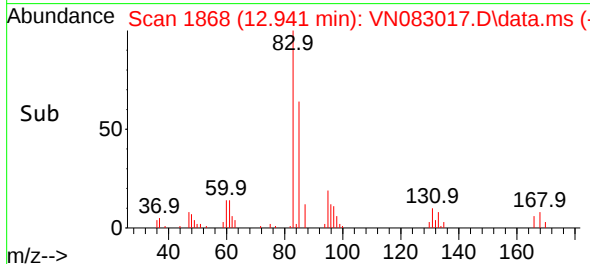
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion: 83 Resp: 2563
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 64.1 31.9 95.7

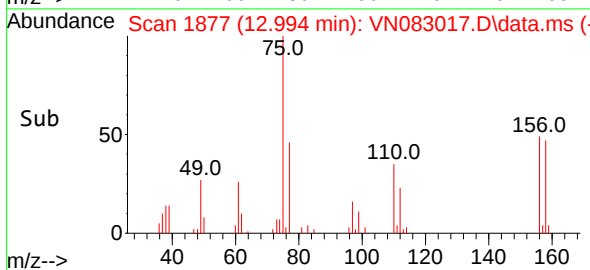
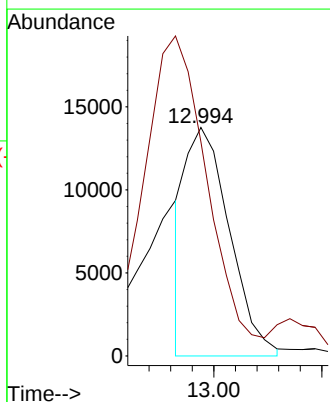
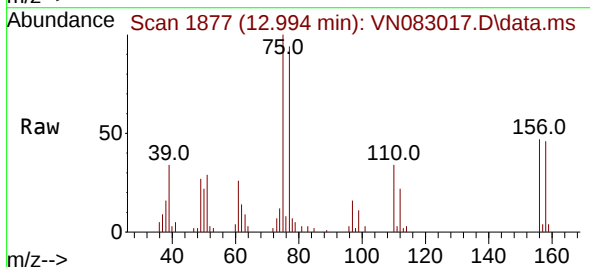
Manual Integrations
APPROVED

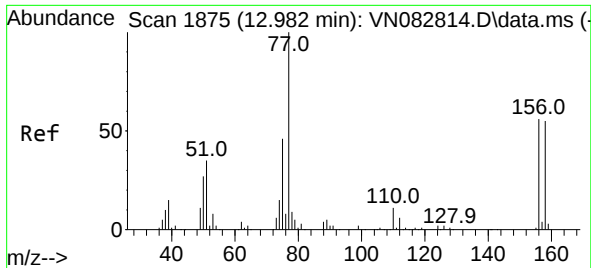
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#76
1,2,3-Trichloropropane
Concen: 19.647 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

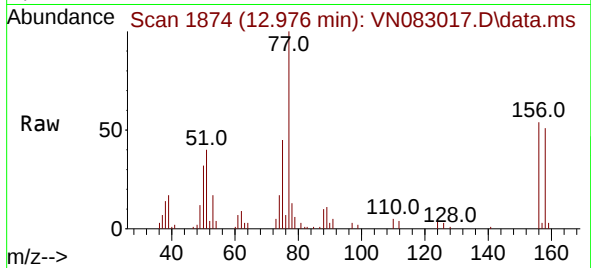
Tgt Ion: 75 Resp: 19500
Ion Ratio Lower Upper
75 100
77 204.7 110.9 332.6





#77
Bromobenzene
Concen: 16.964 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

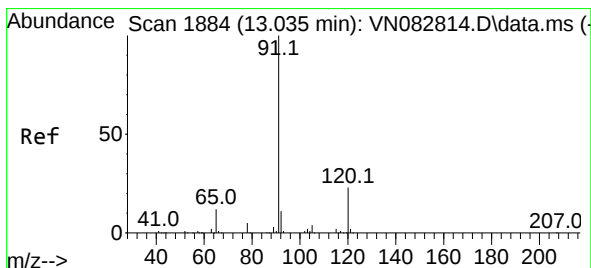
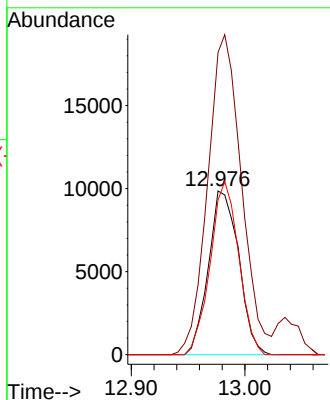
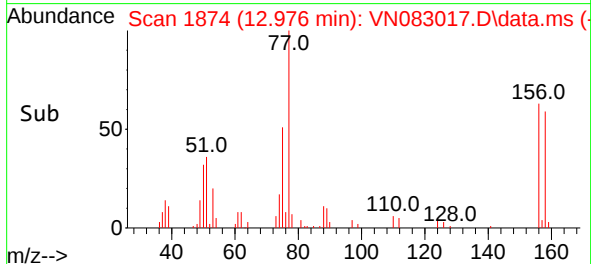
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



Tgt Ion:156 Resp: 1830
Ion Ratio Lower Upper
156 100
77 218.1 111.3 333.8
158 99.5 48.3 144.9

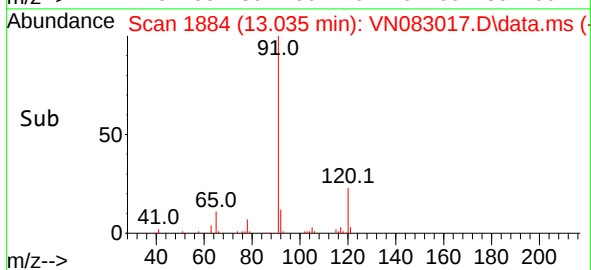
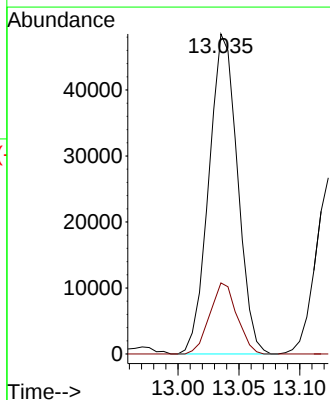
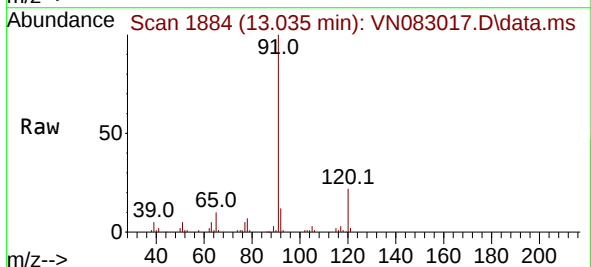
Manual Integrations
APPROVED

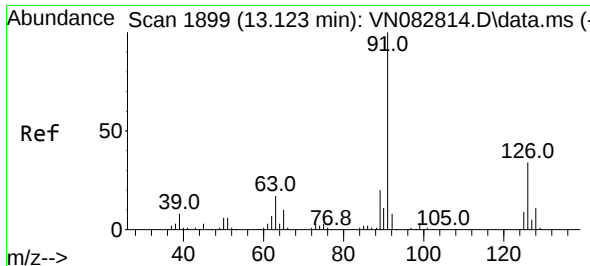
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#78
n-propylbenzene
Concen: 16.541 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion: 91 Resp: 79555
Ion Ratio Lower Upper
91 100
120 21.0 10.9 32.9





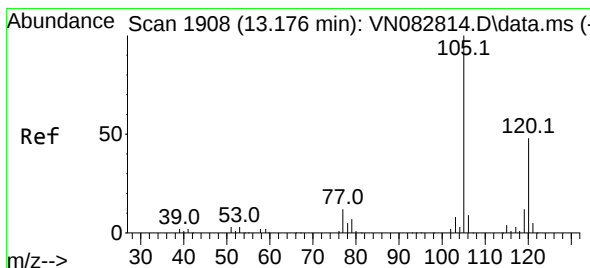
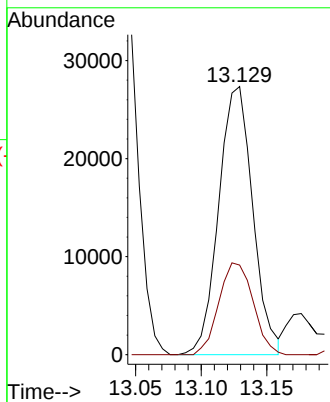
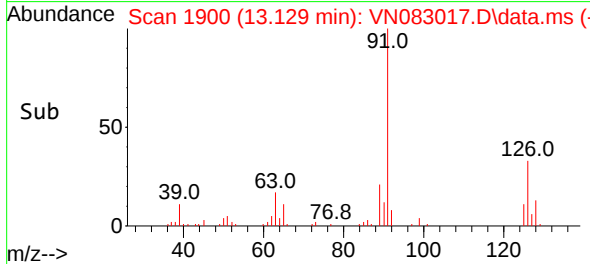
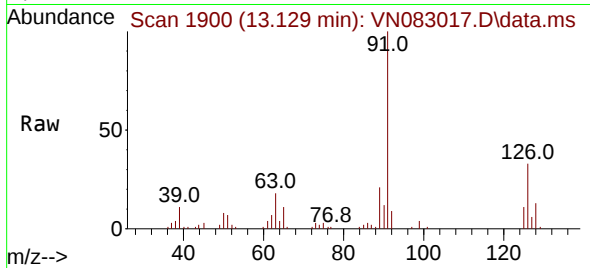
#79
2-Chlorotoluene
Concen: 16.147 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 91 Resp: 4948
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6

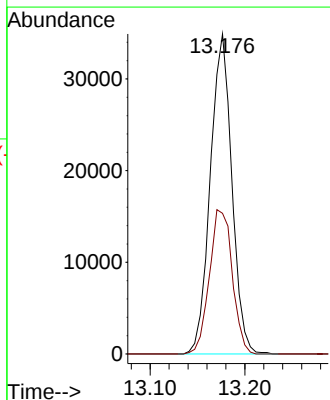
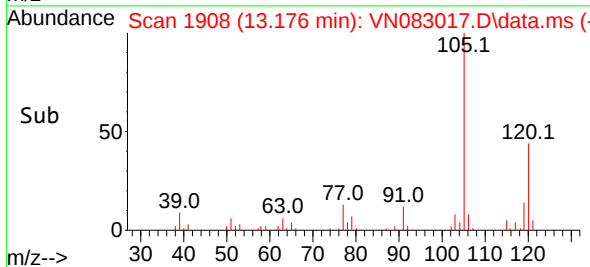
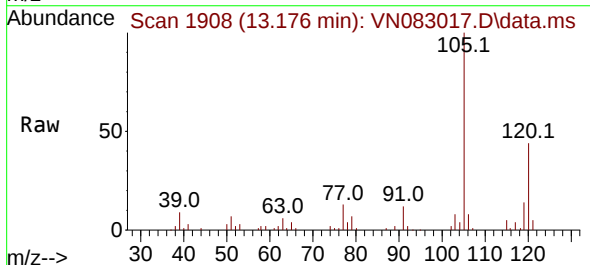
Manual Integrations
APPROVED

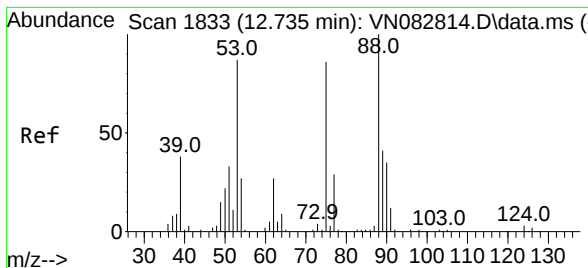
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#80
1,3,5-Trimethylbenzene
Concen: 16.336 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

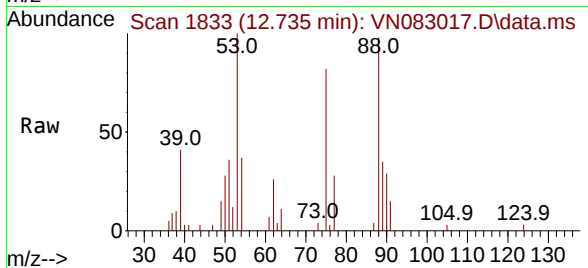
Tgt Ion:105 Resp: 55238
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 16.148 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

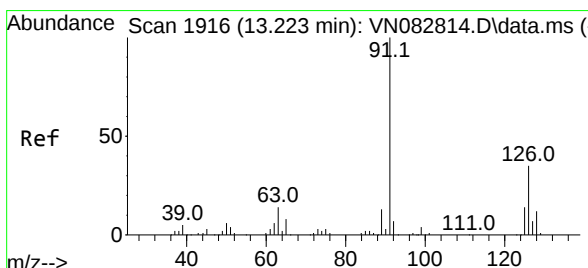
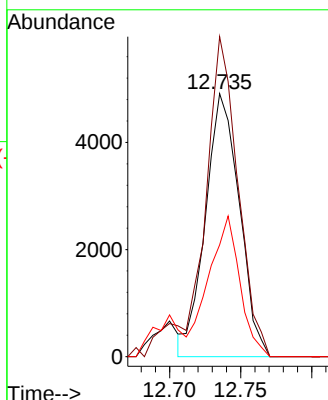
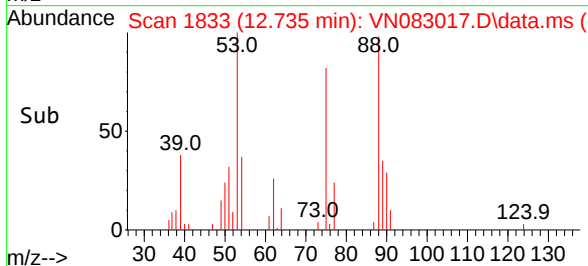
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



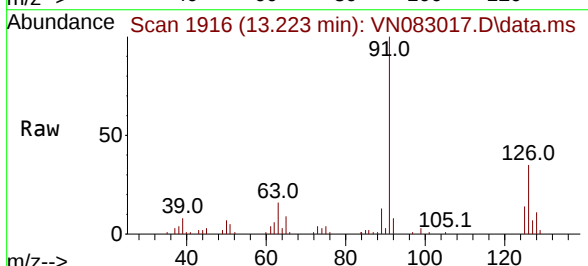
Tgt Ion: 75 Resp: 8149
Ion Ratio Lower Upper
75 100
53 123.1 88.4 132.6
89 49.2 36.3 54.5

Manual Integrations
APPROVED

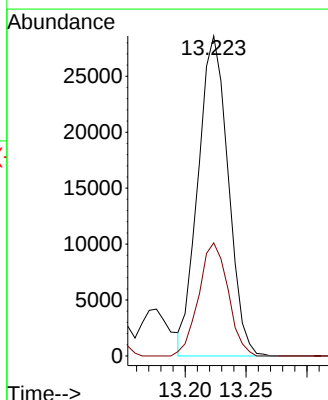
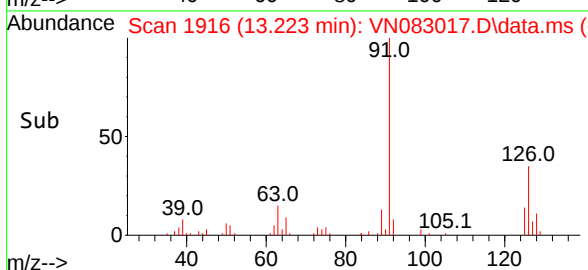
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

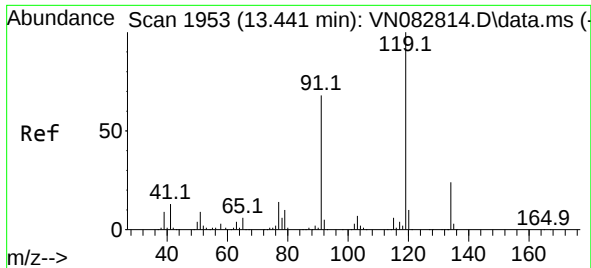


#82
4-Chlorotoluene
Concen: 16.186 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



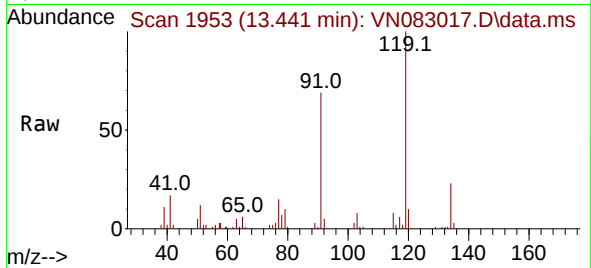
Tgt Ion: 91 Resp: 49097
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.6





#83
tert-Butylbenzene
Concen: 15.302 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

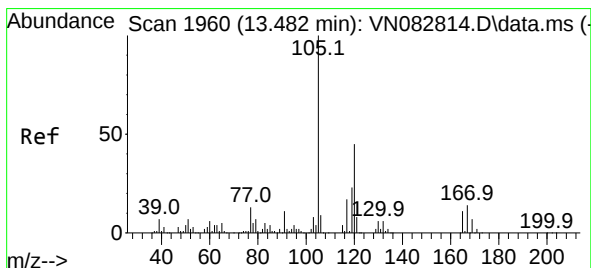
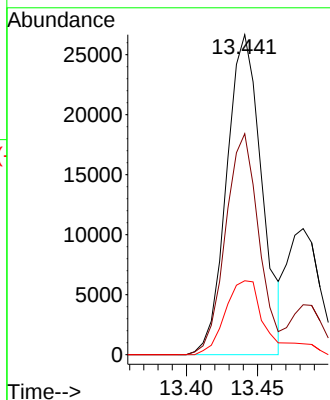
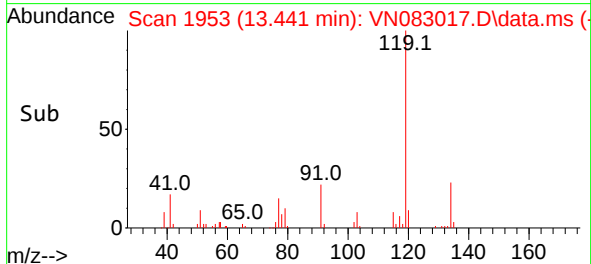
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



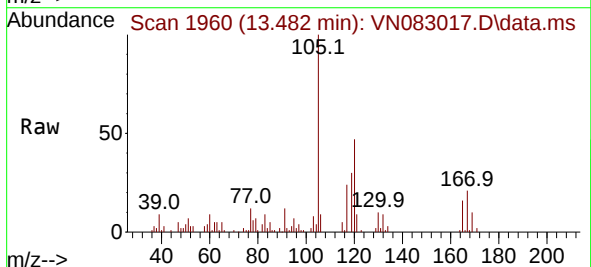
Tgt Ion:119 Resp: 45870
Ion Ratio Lower Upper
119 100
91 65.5 35.0 105.1
134 27.1 13.3 39.8

Manual Integrations
APPROVED

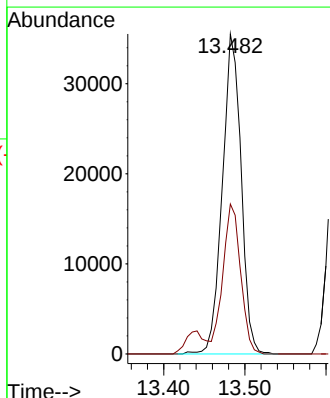
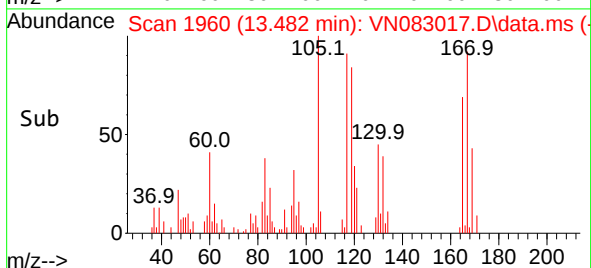
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024

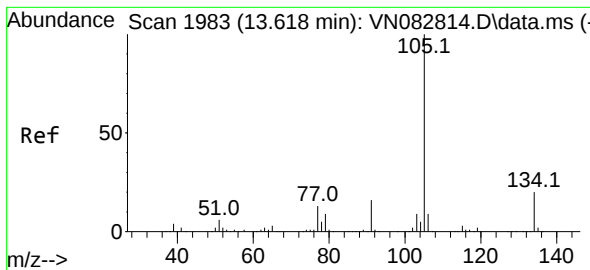


#84
1,2,4-Trimethylbenzene
Concen: 16.539 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



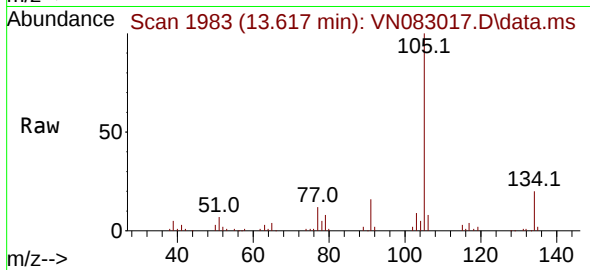
Tgt Ion:105 Resp: 56999
Ion Ratio Lower Upper
105 100
120 44.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 15.741 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36

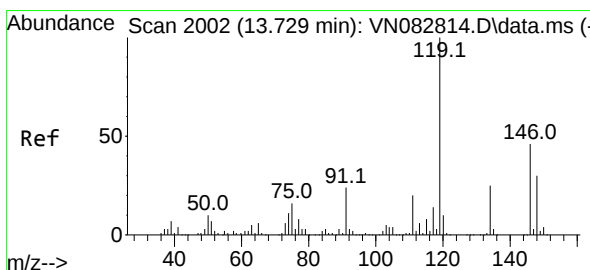
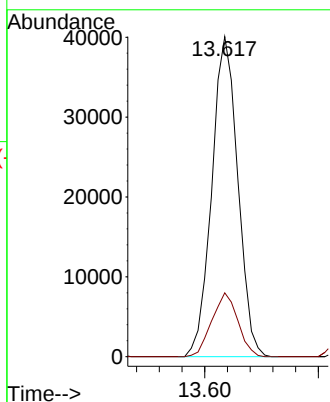
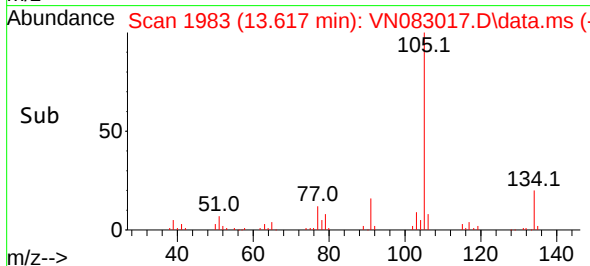
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01



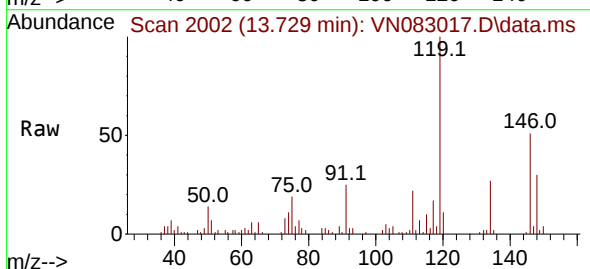
Tgt Ion:105 Resp: 63760
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

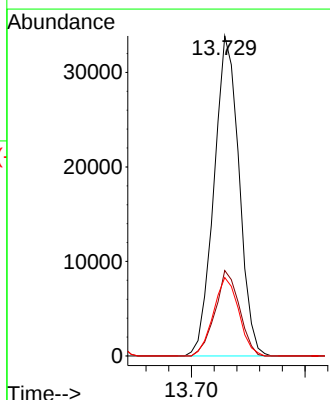
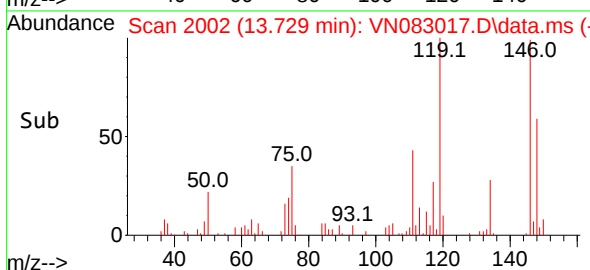
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

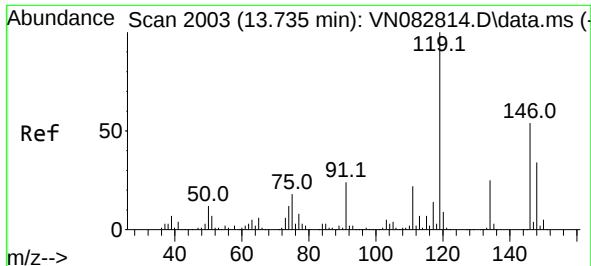


#86
 p-Isopropyltoluene
 Concen: 15.357 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36



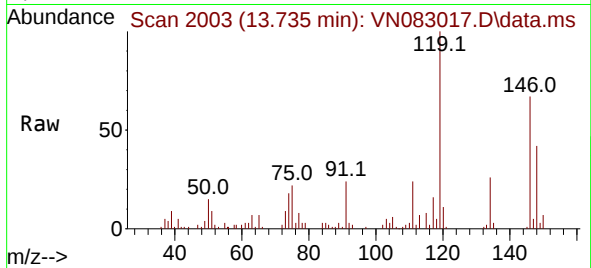
Tgt Ion:119 Resp: 51903
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.8 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 17.062 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36

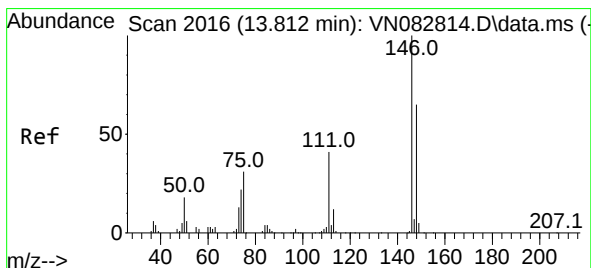
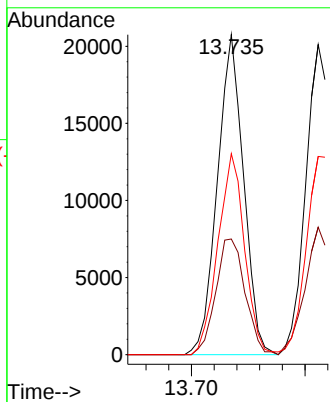
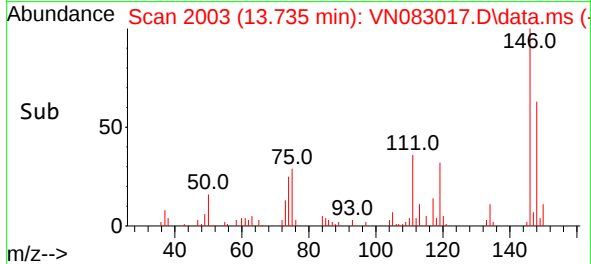
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0723WBSD01



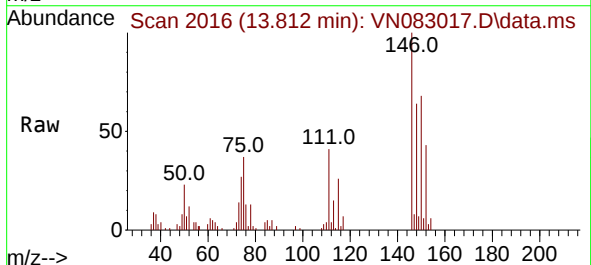
Tgt Ion:146 Resp: 3326
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.9
 148 63.9 31.8 95.3

Manual Integrations
 APPROVED

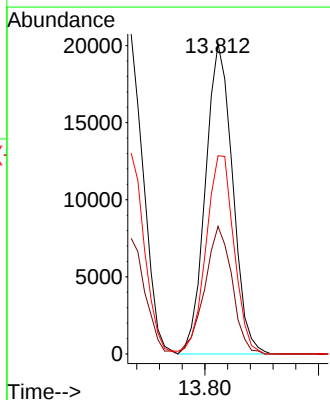
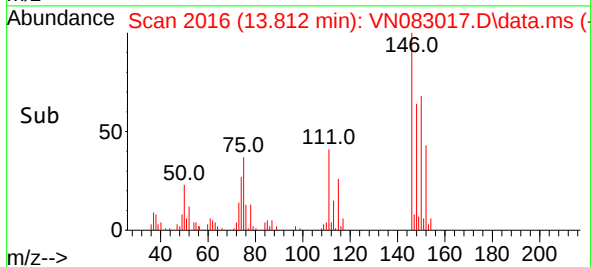
Reviewed By :John Carlone 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

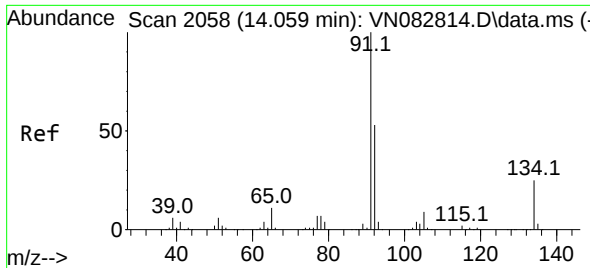


#88
 1,4-Dichlorobenzene
 Concen: 16.592 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.001 min
 Lab File: VN083017.D
 Acq: 23 Jul 2024 17:36



Tgt Ion:146 Resp: 33451
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.1 60.3
 148 66.0 32.2 96.6





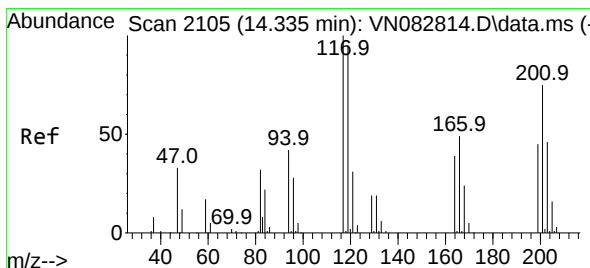
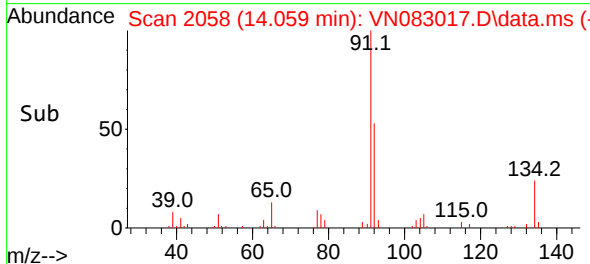
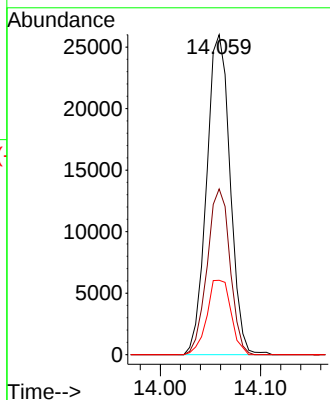
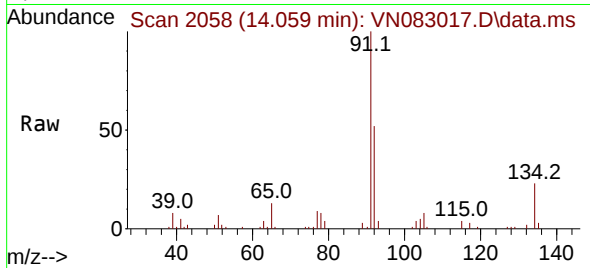
#89
n-Butylbenzene
Concen: 14.606 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01

Tgt Ion: 91 Resp: 4229
Ion Ratio Lower Upper
91 100
92 50.4 26.1 78.3
134 23.9 12.1 36.3

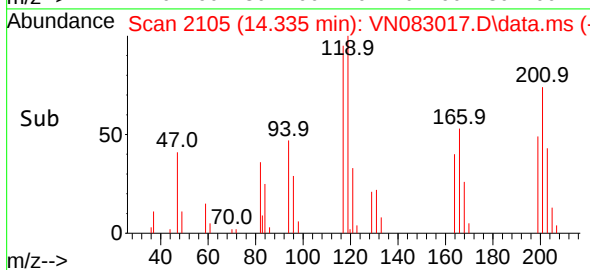
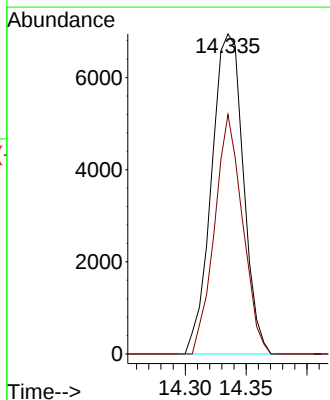
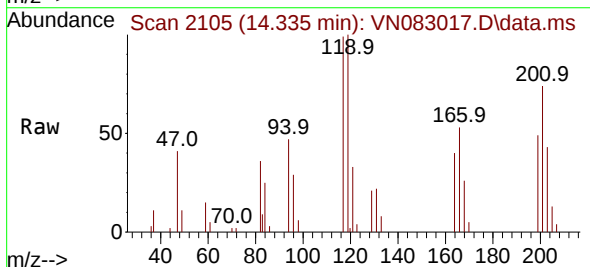
Manual Integrations
APPROVED

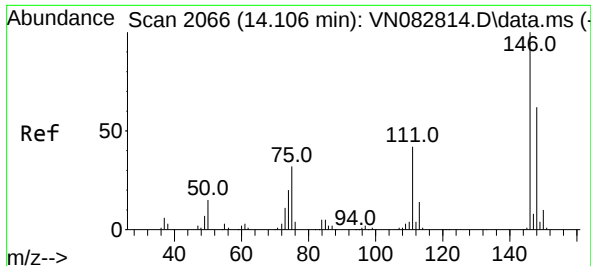
Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#90
Hexachloroethane
Concen: 17.658 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

Tgt Ion:117 Resp: 12628
Ion Ratio Lower Upper
117 100
201 66.0 35.8 107.3





#91

1,2-Dichlorobenzene

Concen: 16.974 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

Tgt Ion:146 Resp: 32129

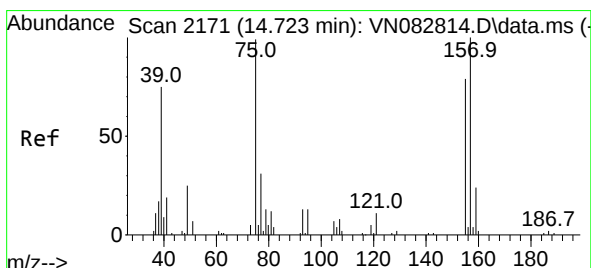
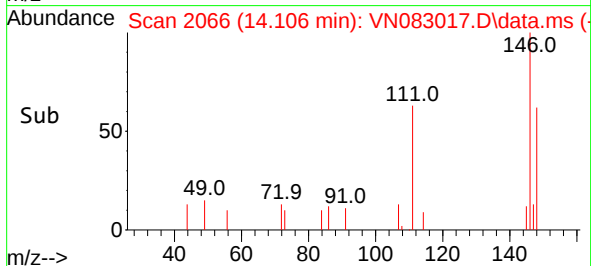
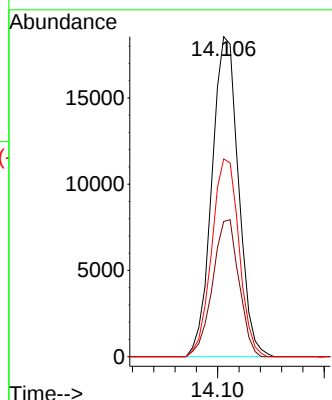
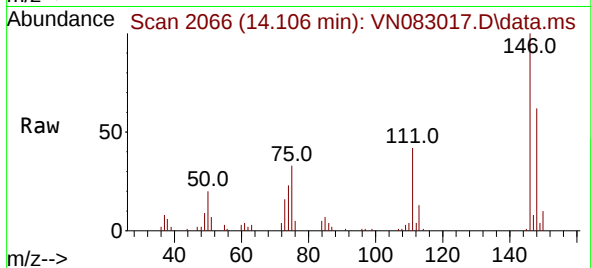
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.4	64.2
148	63.3	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.161 ug/l

RT: 14.717 min Scan# 2170

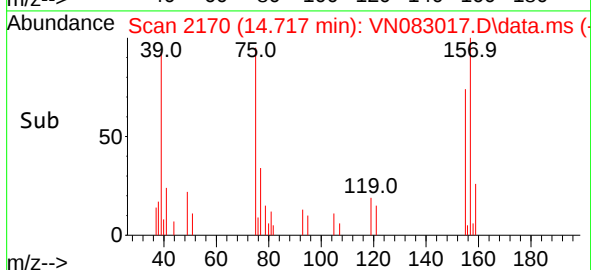
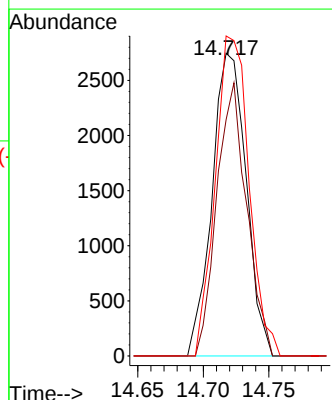
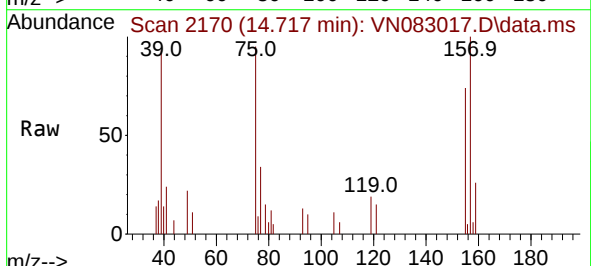
Delta R.T. -0.006 min

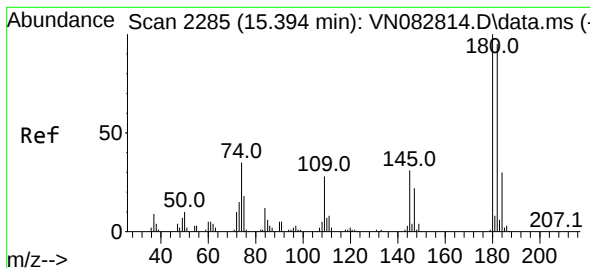
Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Tgt Ion: 75 Resp: 4974

Ion	Ratio	Lower	Upper
75	100		
155	79.1	36.6	109.8
157	104.4	46.9	140.6





#93

1,2,4-Trichlorobenzene

Concen: 13.654 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

VN0723WBSD01

Tgt Ion:180 Resp: 1392

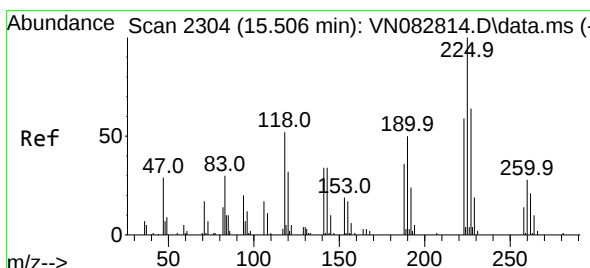
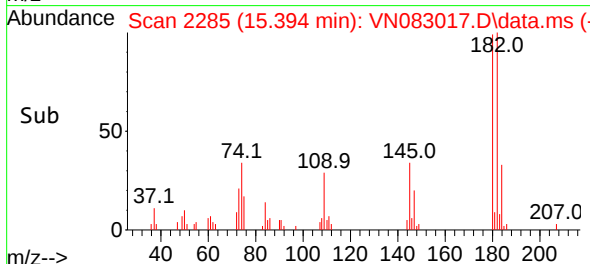
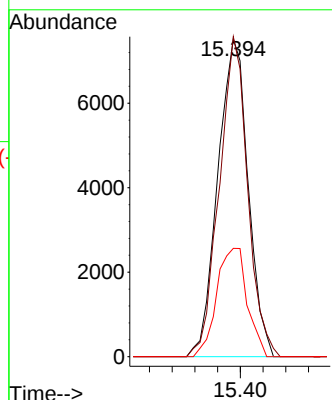
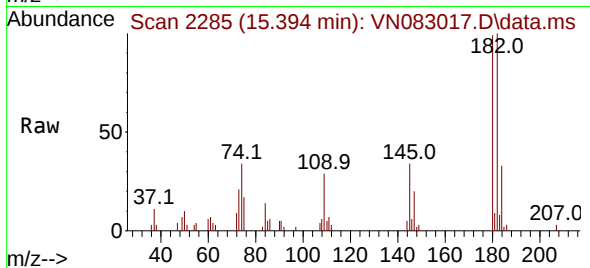
Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	34.4	15.7	47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/24/2024

Supervised By :Mahesh Dadoda 07/24/2024



#94

Hexachlorobutadiene

Concen: 14.980 ug/l

RT: 15.500 min Scan# 2303

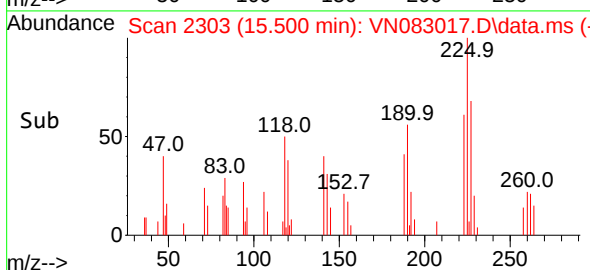
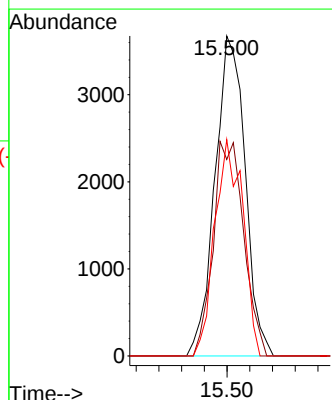
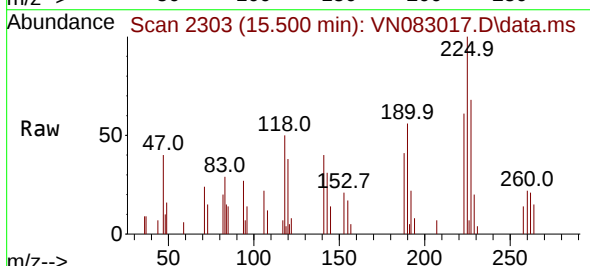
Delta R.T. -0.005 min

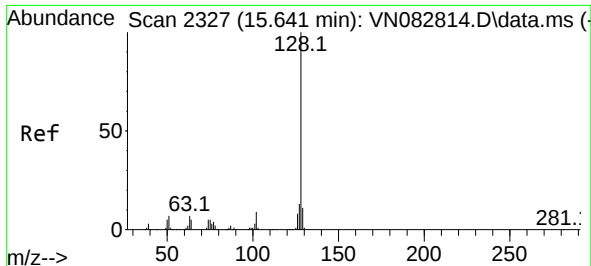
Lab File: VN083017.D

Acq: 23 Jul 2024 17:36

Tgt Ion:225 Resp: 6771

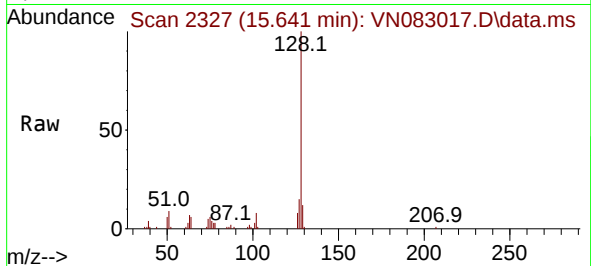
Ion	Ratio	Lower	Upper
225	100		
223	67.8	31.9	95.7
227	63.1	32.5	97.5





#95
Naphthalene
Concen: 13.254 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36

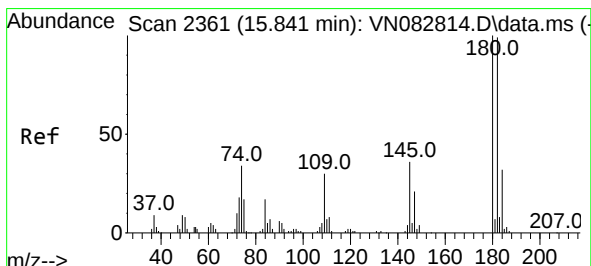
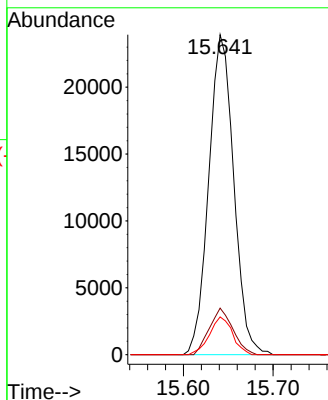
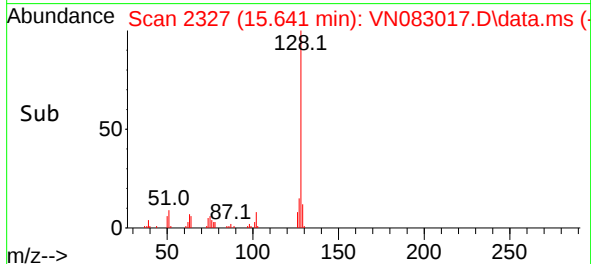
Instrument :
MSVOA_N
ClientSampleId :
VN0723WBSD01



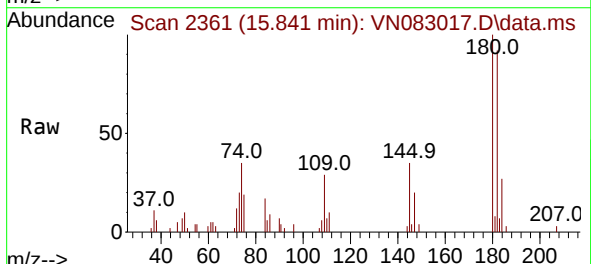
Tgt Ion:128 Resp: 46285
Ion Ratio Lower Upper
128 100
127 13.7 10.6 16.0
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/24/2024
Supervised By :Mahesh Dadoda 07/24/2024



#96
1,2,3-Trichlorobenzene
Concen: 14.659 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN083017.D
Acq: 23 Jul 2024 17:36



Tgt Ion:180 Resp: 15367
Ion Ratio Lower Upper
180 100
182 95.9 48.9 146.8
145 33.8 16.8 50.4

