

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084939.D
 Acq On : 19 Nov 2024 12:04
 Operator : JC\MD
 Sample : VN1119WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/20/2024
 Supervised By : Mahesh Dadoda 11/20/2024

Quant Time: Nov 20 00:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	153400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236636	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107295	48.427	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.860%		
35) Dibromofluoromethane	8.165	113	83829	46.039	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.080%		
50) Toluene-d8	10.565	98	298770	44.543	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.080%		
62) 4-Bromofluorobenzene	12.847	95	116375	46.424	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	35505	20.134	ug/l	90
3) Chloromethane	2.359	50	38724	17.053	ug/l	100
4) Vinyl Chloride	2.512	62	37524	19.784	ug/l	97
5) Bromomethane	2.900	94	19624	19.528	ug/l	95
6) Chloroethane	3.071	64	25637	21.028	ug/l	91
7) Trichlorofluoromethane	3.471	101	64732	20.718	ug/l	99
8) Diethyl Ether	3.947	74	24332	22.077	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.353	101	37890	21.462	ug/l	98
10) Methyl Iodide	4.577	142	49895	21.146	ug/l	89
11) Tert butyl alcohol	5.536	59	39539	135.197	ug/l #	84
12) 1,1-Dichloroethene	4.324	96	35089	20.086	ug/l	99
13) Acrolein	4.171	56	38746	132.861	ug/l	98
14) Allyl chloride	5.012	41	61014	21.537	ug/l	91
15) Acrylonitrile	5.718	53	99453	117.467	ug/l	99
16) Acetone	4.430	43	83867	129.668	ug/l	98
17) Carbon Disulfide	4.700	76	91280	16.967	ug/l	98
18) Methyl Acetate	5.018	43	54445	20.971	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	120002	22.412	ug/l	100
20) Methylene Chloride	5.259	84	40464	20.765	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	36416	20.301	ug/l	96
22) Diisopropyl ether	6.671	45	127521	22.653	ug/l	97
23) Vinyl Acetate	6.600	43	451844	116.394	ug/l	100
24) 1,1-Dichloroethane	6.559	63	72541	21.464	ug/l	97
25) 2-Butanone	7.483	43	132510	128.196	ug/l	93
26) 2,2-Dichloropropane	7.488	77	65164	22.153	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44564	21.277	ug/l	99
28) Bromochloromethane	7.806	49	32455	24.103	ug/l	94
29) Tetrahydrofuran	7.835	42	85265	124.340	ug/l	98
30) Chloroform	7.959	83	74705	21.717	ug/l	98
31) Cyclohexane	8.247	56	61188	20.003	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	67529	21.568	ug/l	97
36) 1,1-Dichloropropene	8.371	75	48395	19.164	ug/l	98
37) Ethyl Acetate	7.559	43	48159	21.019	ug/l	97
38) Carbon Tetrachloride	8.359	117	59083	20.932	ug/l	95
39) Methylcyclohexane	9.594	83	51166	19.917	ug/l	98
40) Benzene	8.606	78	161343	19.895	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	28975	23.517	ug/l	95
42) 1,2-Dichloroethane	8.665	62	56560	21.535	ug/l	99
43) Isopropyl Acetate	8.688	43	101247	23.406	ug/l	98
44) Trichloroethene	9.347	130	36799	19.675	ug/l	94
45) 1,2-Dichloropropane	9.618	63	40724	21.407	ug/l #	87
46) Dibromomethane	9.706	93	29350	21.864	ug/l	99
47) Bromodichloromethane	9.882	83	59290	20.953	ug/l	98
48) Methyl methacrylate	9.677	41	40672	22.809	ug/l	97
49) 1,4-Dioxane	9.694	88	14939	472.774	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	271597	124.348	ug/l	99
52) Toluene	10.629	92	101476	21.395	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	59504	20.315	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	64023	20.652	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	37567	21.027	ug/l	96
56) Ethyl methacrylate	10.871	69	60731	23.500	ug/l	98
57) 1,3-Dichloropropane	11.159	76	66585	21.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139701	115.524	ug/l	96
59) 2-Hexanone	11.194	43	199222	125.311	ug/l	98
60) Dibromochloromethane	11.359	129	43948	21.583	ug/l	98
61) 1,2-Dibromoethane	11.471	107	39049	21.343	ug/l	99
64) Tetrachloroethene	11.100	164	31128	19.776	ug/l	95
65) Chlorobenzene	11.888	112	106734	20.161	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	38992	21.175	ug/l	99
67) Ethyl Benzene	11.965	91	180334	20.407	ug/l	97
68) m/p-Xylenes	12.070	106	141718	42.361	ug/l	100
69) o-Xylene	12.394	106	67356	21.522	ug/l	98
70) Styrene	12.412	104	112813	20.664	ug/l	99
71) Bromoform	12.576	173	29251	21.111	ug/l #	96
73) Isopropylbenzene	12.694	105	170186	20.804	ug/l	100
74) N-amyl acetate	12.494	43	77995	22.402	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	59775	21.892	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	48875m	20.946	ug/l	
77) Bromobenzene	12.976	156	43527	19.793	ug/l	98
78) n-propylbenzene	13.035	91	196247	20.472	ug/l	100
79) 2-Chlorotoluene	13.123	91	130207	20.788	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	148984	21.974	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	19967m	20.301	ug/l	
82) 4-Chlorotoluene	13.217	91	129440	19.637	ug/l	99
83) tert-Butylbenzene	13.435	119	123942	22.088	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	149408	21.351	ug/l	98
85) sec-Butylbenzene	13.612	105	165030	20.821	ug/l	100
86) p-Isopropyltoluene	13.729	119	138617	21.324	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	79039	18.417	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	78432	19.226	ug/l	99
89) n-Butylbenzene	14.053	91	112053	18.428	ug/l	99
90) Hexachloroethane	14.329	117	27473	18.951	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	81469	19.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11499	20.788	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	38137	16.895	ug/l	99
94) Hexachlorobutadiene	15.500	225	17982	18.140	ug/l	97
95) Naphthalene	15.641	128	122455	18.124	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	37980	17.333	ug/l	98

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Response via : Initial Calibration

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

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

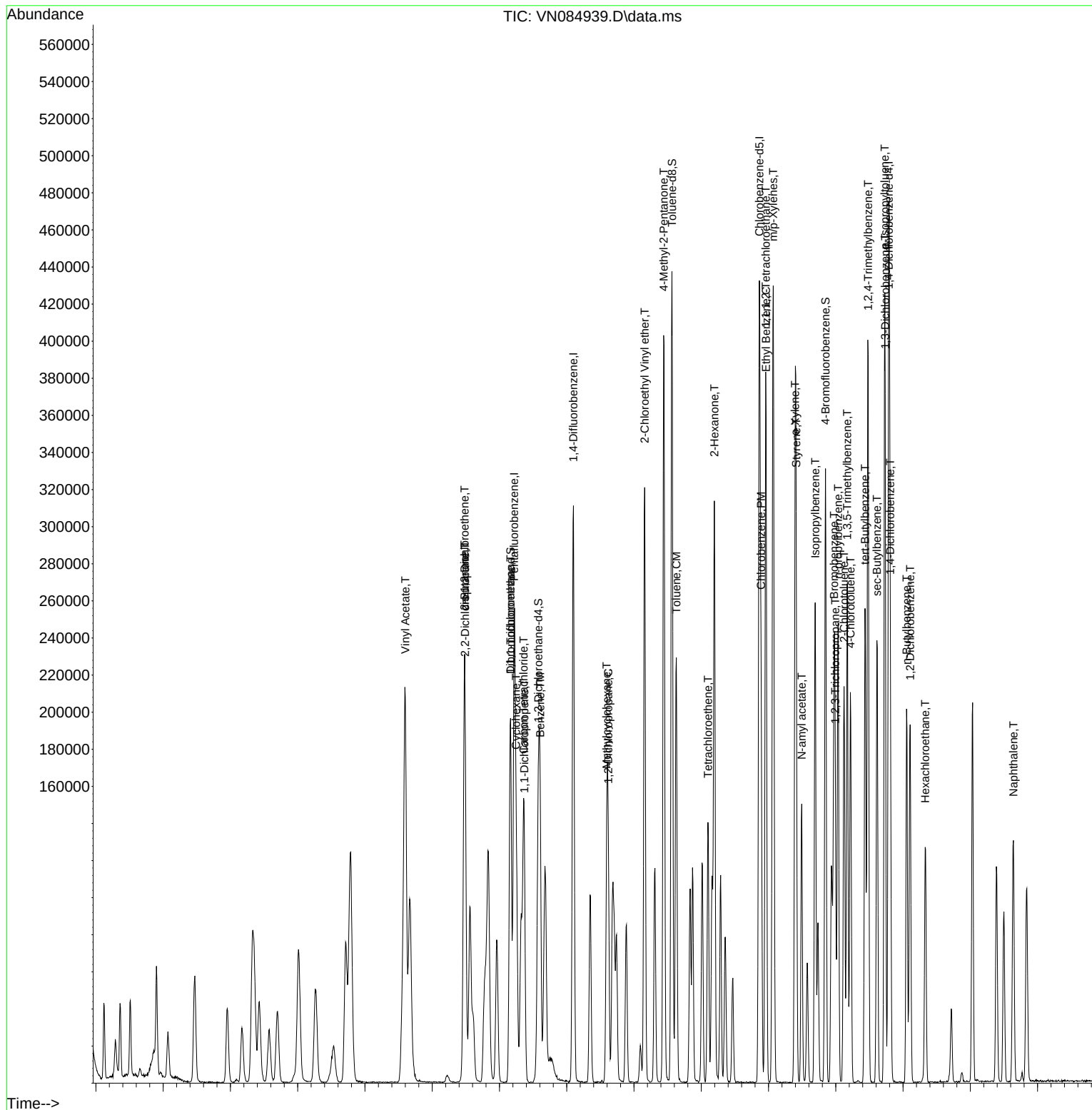
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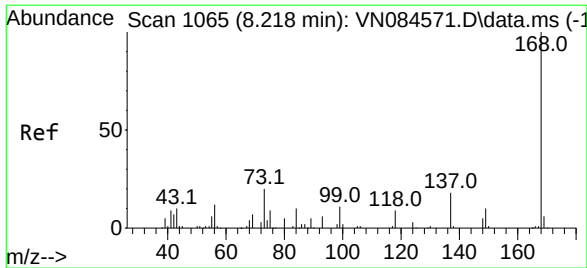
Instrument :
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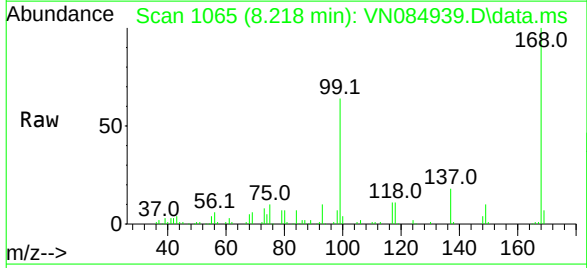
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

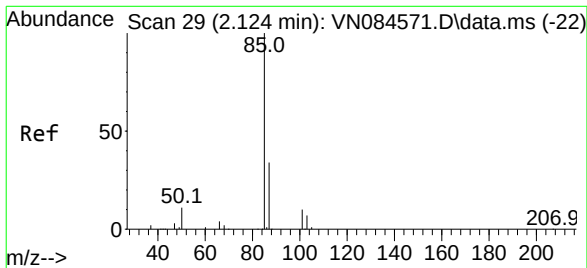
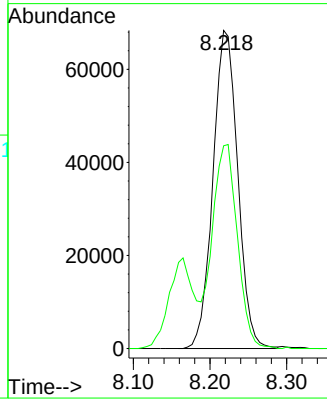
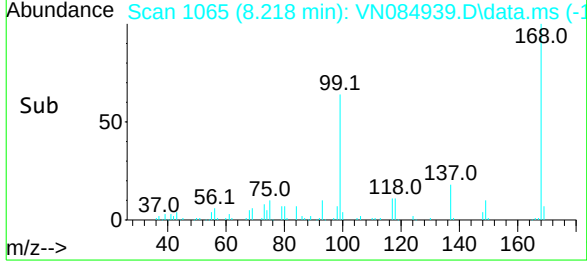
VN1119WBSD01



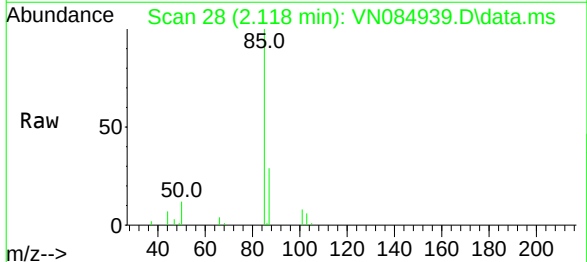
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 Ion Ratio Lower Upper
 168 100
 99 63.7 54.2 81.2

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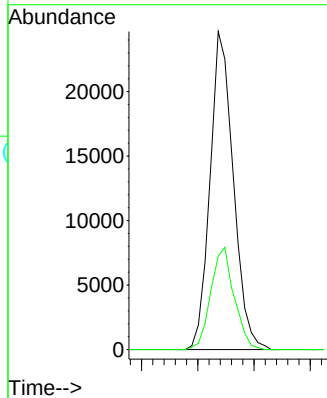
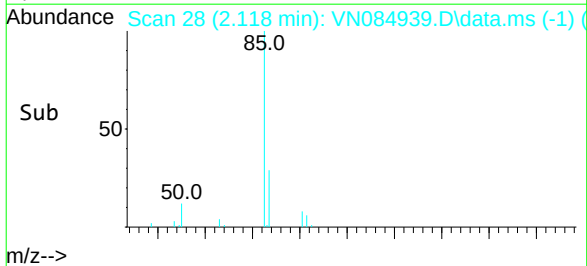
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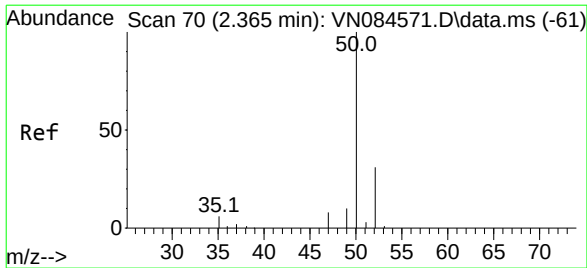


#2
 Dichlorodifluoromethane
 Concen: 20.134 ug/l
 RT: 2.118 min Scan# 28
 Delta R.T. -0.006 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04



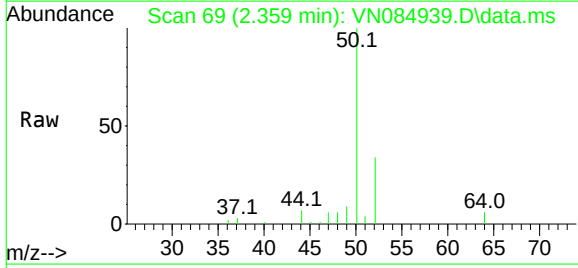
Tgt Ion: 85 Resp: 35505
 Ion Ratio Lower Upper
 85 100
 87 29.4 17.6 52.9





#3
Chloromethane
Concen: 17.053 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

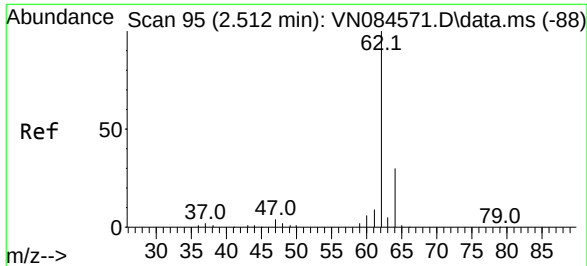
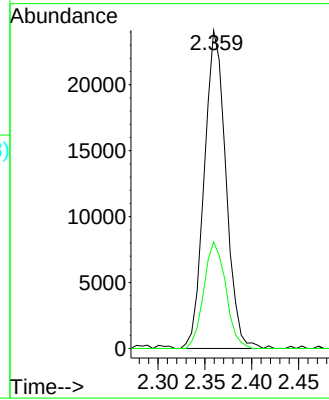
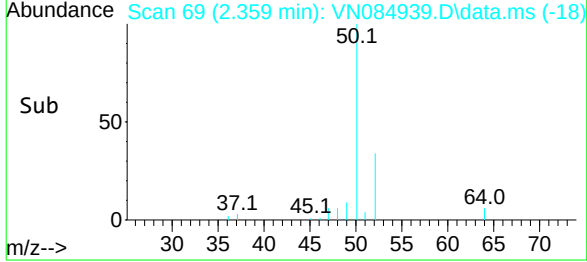
Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 38724
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2

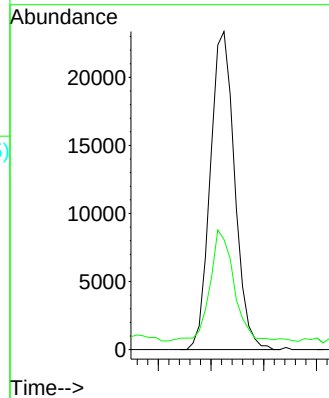
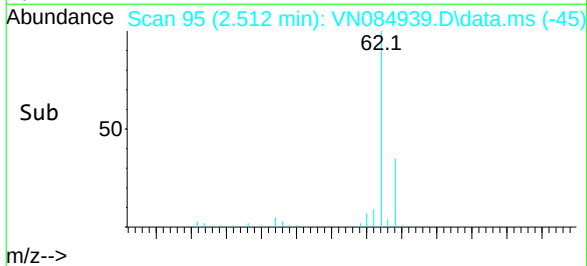
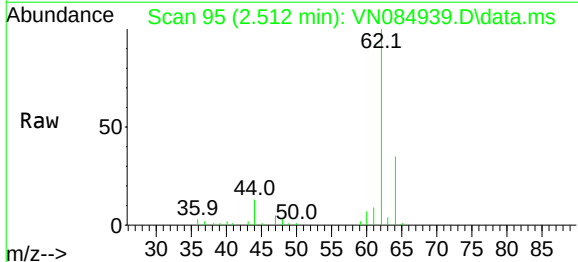
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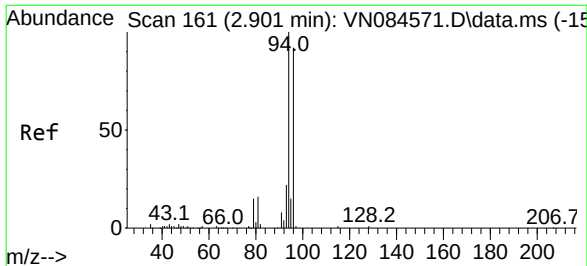
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#4
Vinyl Chloride
Concen: 19.784 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

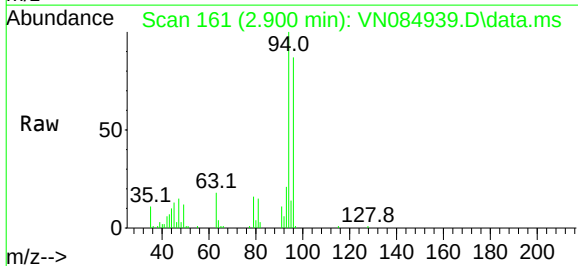
Tgt Ion: 62 Resp: 37524
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.4





#5
Bromomethane
Concen: 19.528 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.053 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

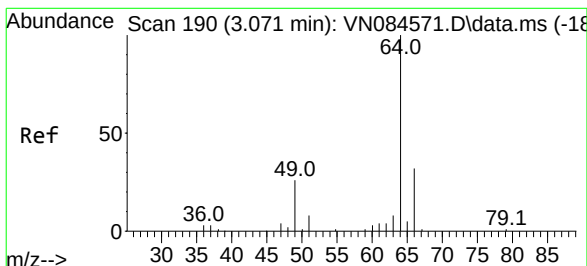
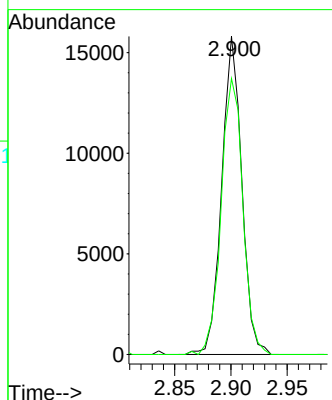
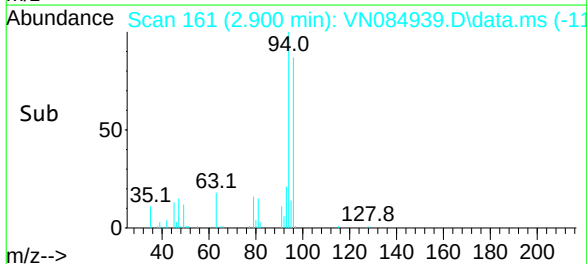
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Tgt Ion: 94 Resp: 19624
Ion Ratio Lower Upper
94 100
96 86.8 72.9 109.3

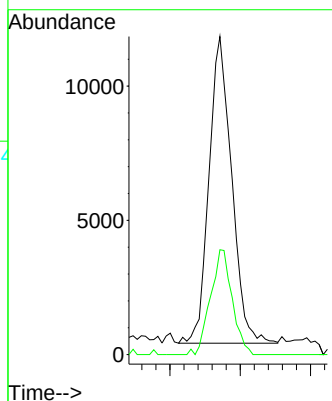
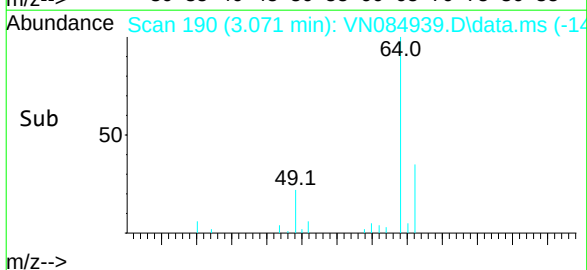
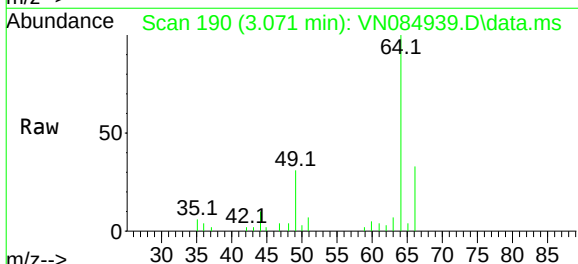
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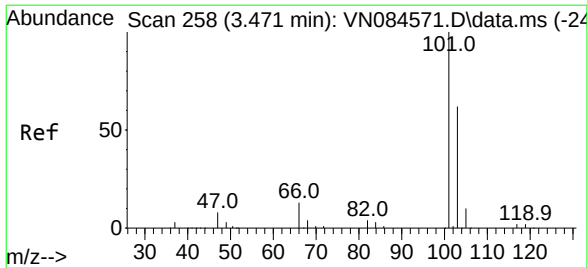
Reviewed By :John Carlone 11/20/2024
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#6
Chloroethane
Concen: 21.028 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.047 min
Lab File: VN084939.D
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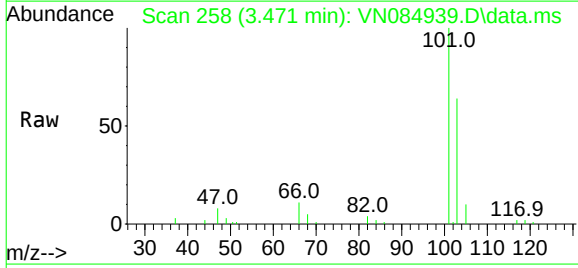
Tgt Ion: 64 Resp: 25637
Ion Ratio Lower Upper
64 100
66 34.2 23.5 35.3





Trichlorofluoromethane
 Concen: 20.718 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

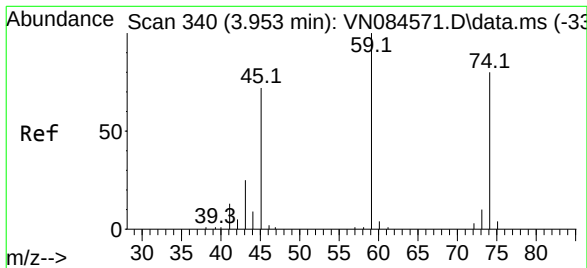
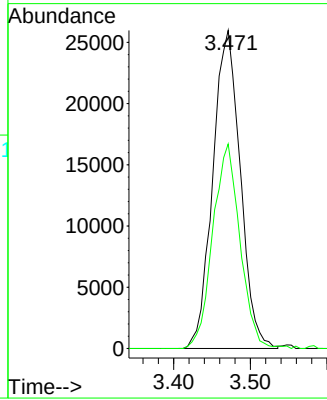
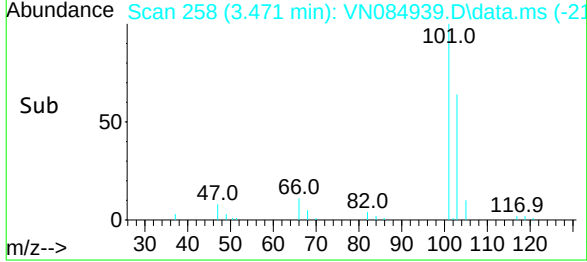
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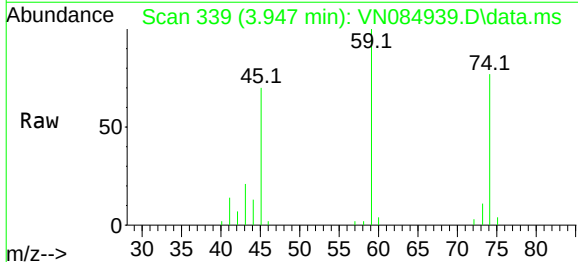
Tgt Ion: 101 Resp: 64732
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

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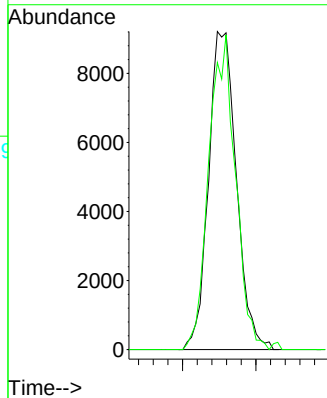
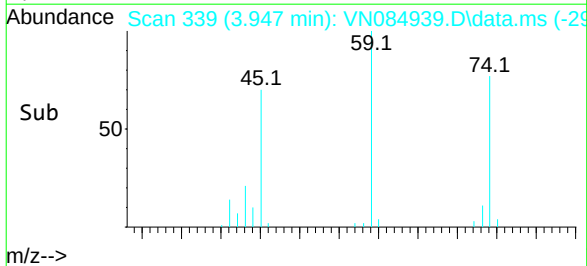
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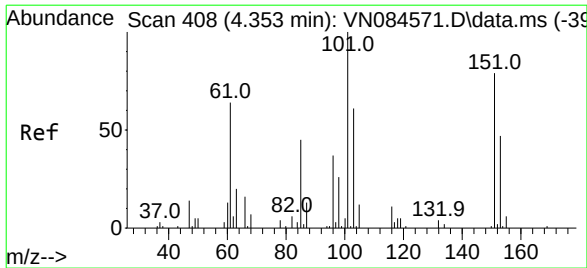


Diethyl Ether
 Concen: 22.077 ug/l
 RT: 3.947 min Scan# 339
 Delta R.T. -0.012 min
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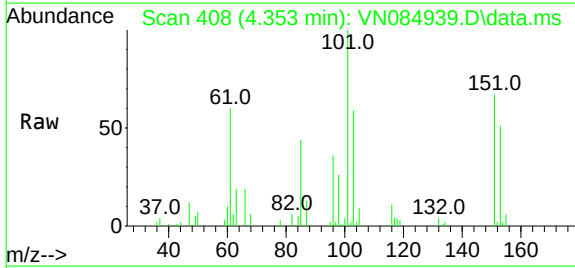
Tgt Ion: 74 Resp: 24332
 Ion Ratio Lower Upper
 74 100
 45 94.8 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.462 ug/l
RT: 4.353 min Scan# 408
Delta R.T. -0.018 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

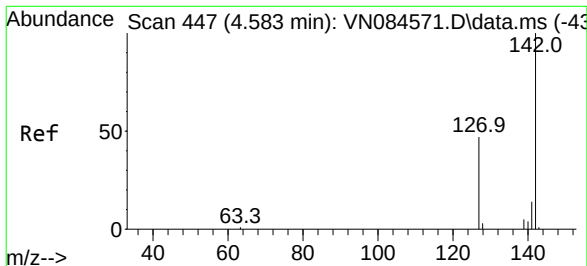
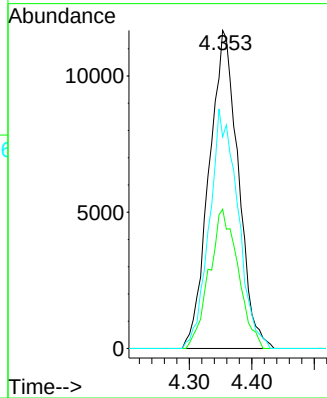
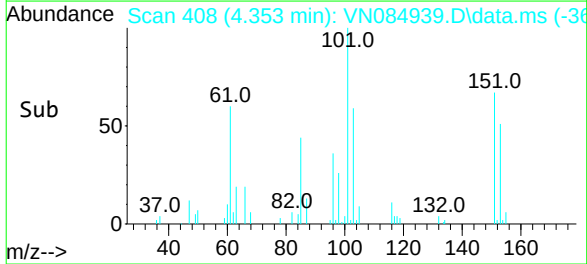
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



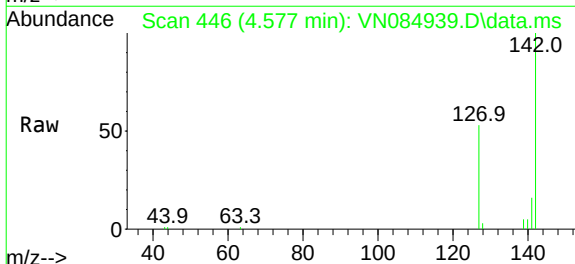
Tgt Ion:101 Resp: 37896
Ion Ratio Lower Upper
101 100
85 43.1 36.2 54.4
151 73.5 59.3 88.9

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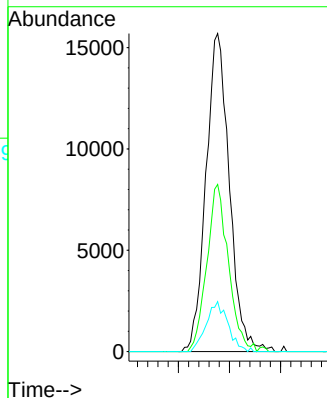
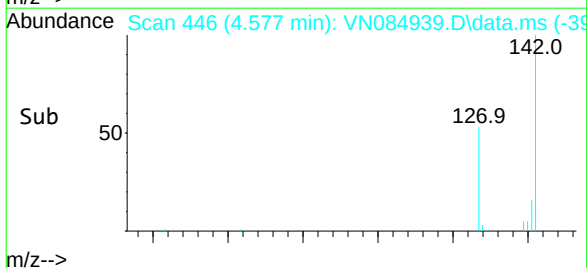
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

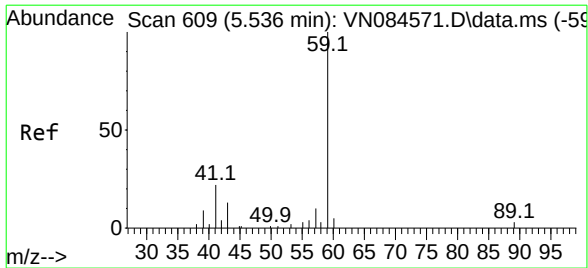


#10
Methyl Iodide
Concen: 21.146 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.018 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



Tgt Ion:142 Resp: 49895
Ion Ratio Lower Upper
142 100
127 52.5 35.3 52.9
141 15.7 11.0 16.6





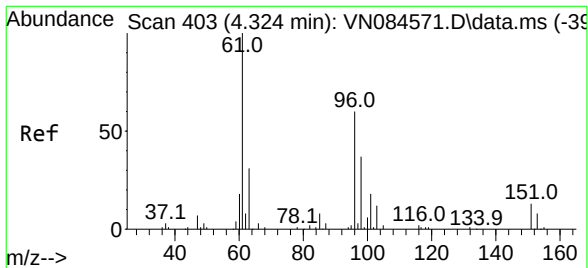
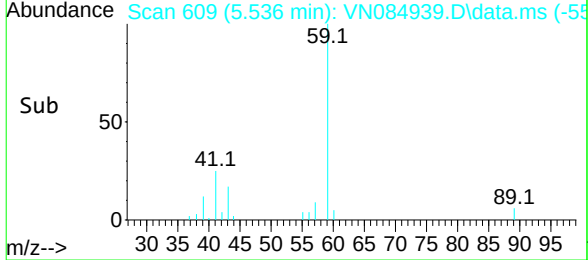
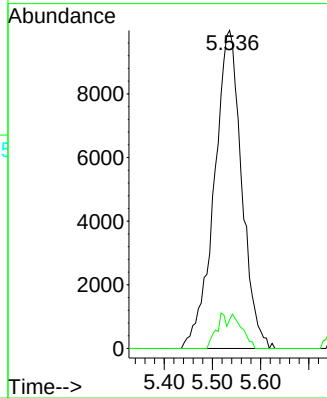
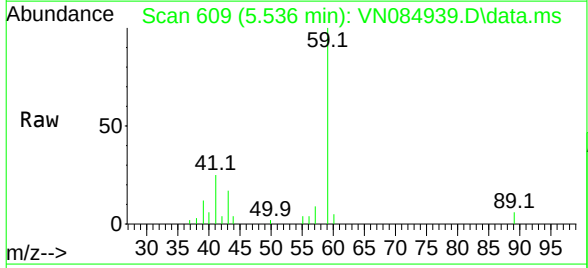
#11
Tert butyl alcohol
Concen: 135.197 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 59 Resp: 39539
Ion Ratio Lower Upper
59 100
57 4.2 8.2 12.2#

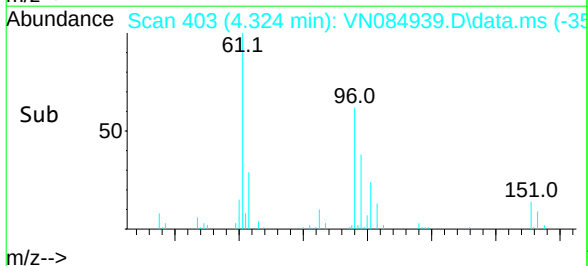
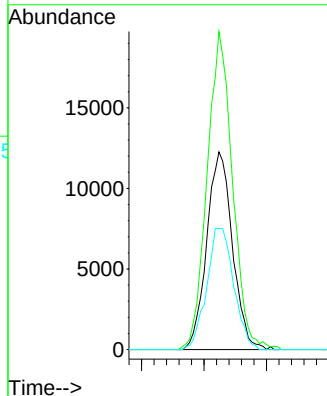
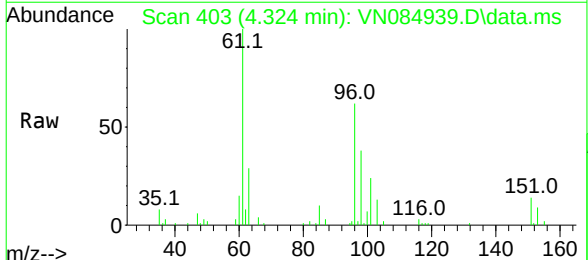
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APPROVED

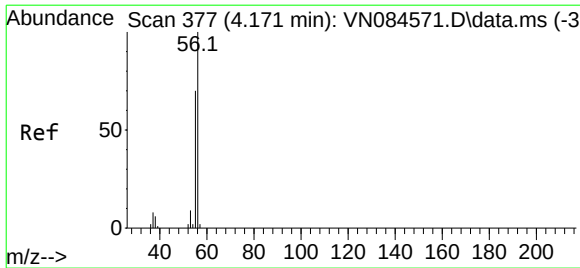
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#12
1,1-Dichloroethene
Concen: 20.086 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

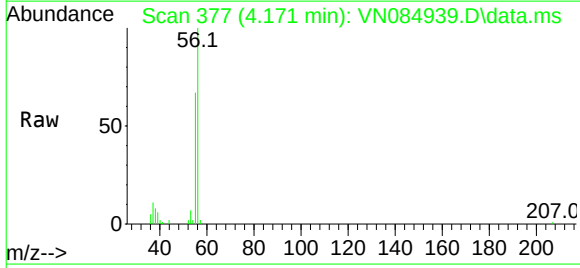
Tgt Ion: 96 Resp: 35089
Ion Ratio Lower Upper
96 100
61 160.9 128.6 192.8
98 61.3 51.7 77.5





#13
Acrolein
Concen: 132.861 ug/l
RT: 4.171 min Scan# 37
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

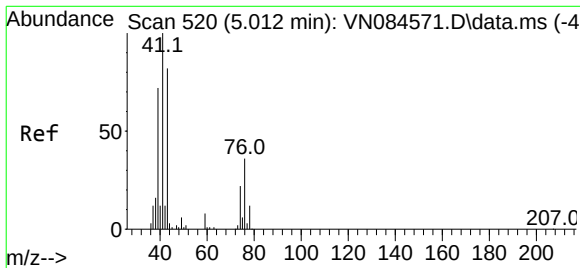
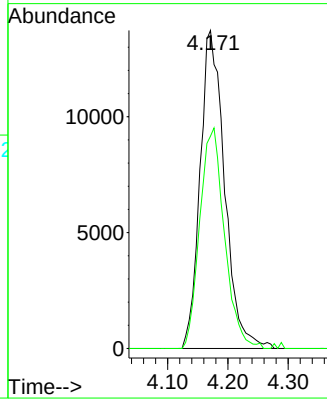
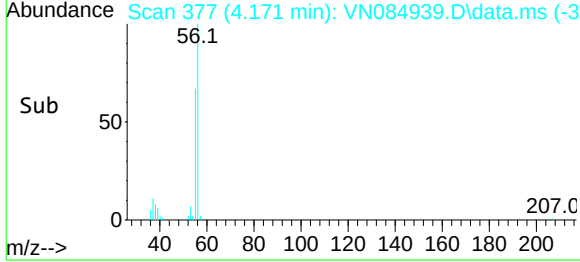
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



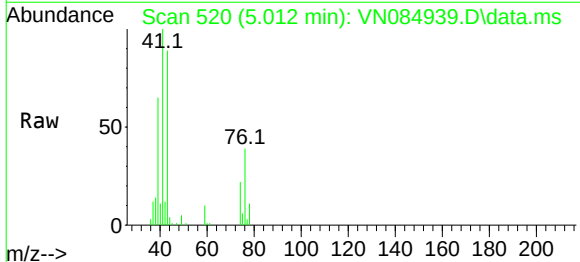
Tgt Ion: 56 Resp: 38746
Ion Ratio Lower Upper
56 100
55 69.9 57.2 85.8

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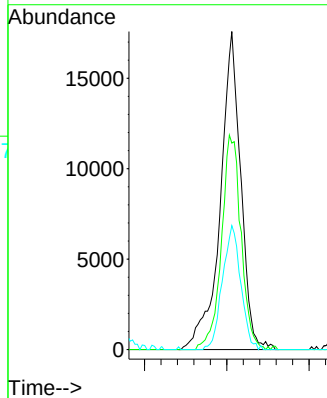
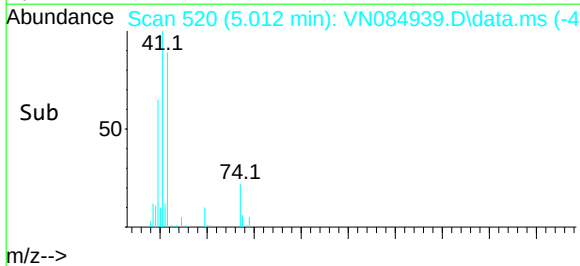
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

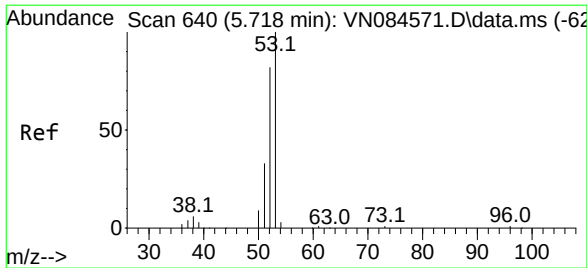


#14
Allyl chloride
Concen: 21.537 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



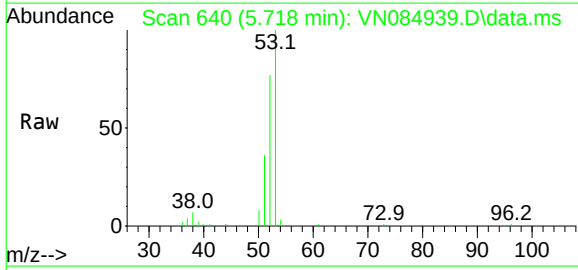
Tgt Ion: 41 Resp: 61014
Ion Ratio Lower Upper
41 100
39 64.1 59.0 88.6
76 34.8 29.8 44.6





#15
Acrylonitrile
Concen: 117.467 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

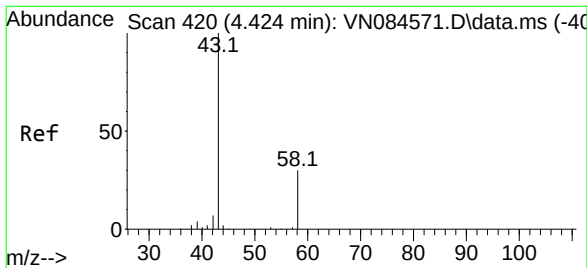
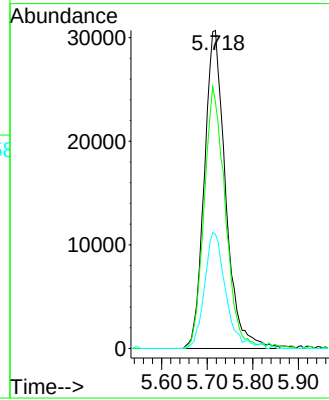
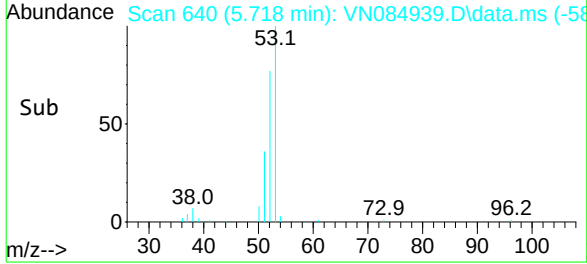
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.4
51	36.2	28.8	43.2

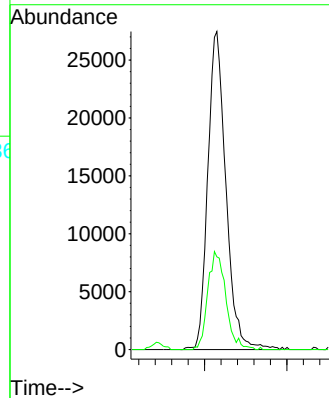
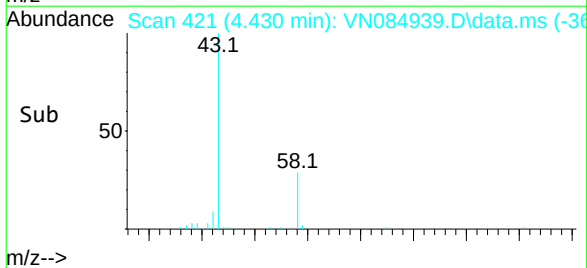
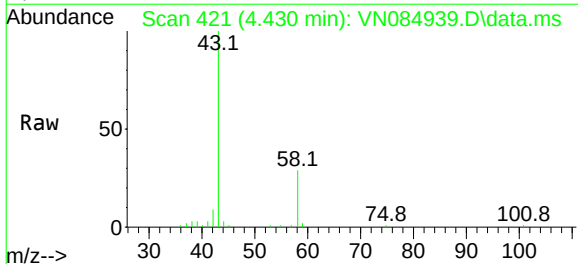
Manual Integrations
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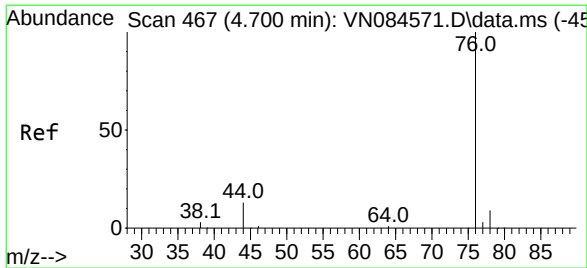
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#16
Acetone
Concen: 129.668 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

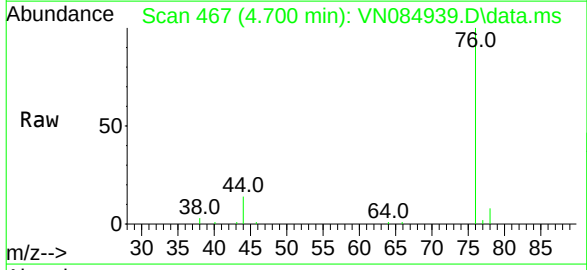
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	24.4	36.6





#17
Carbon Disulfide
Concen: 16.967 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.012 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

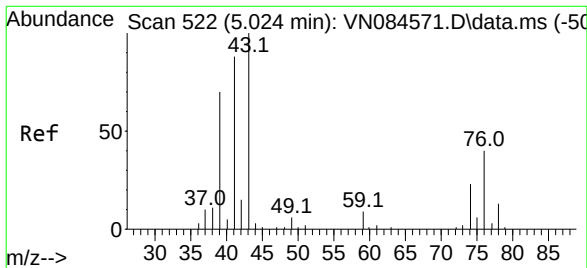
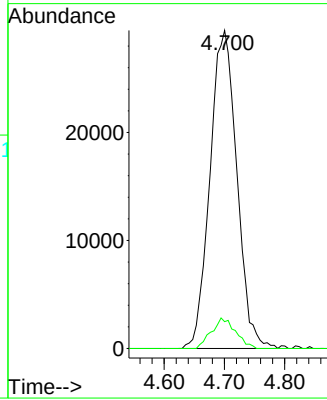
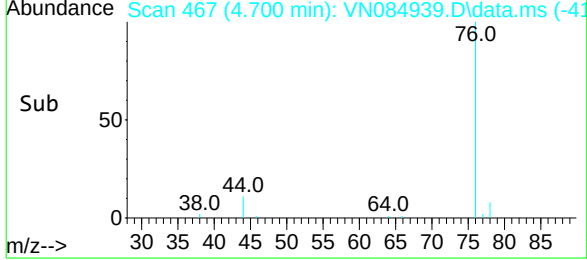
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 76 Resp: 91280
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9

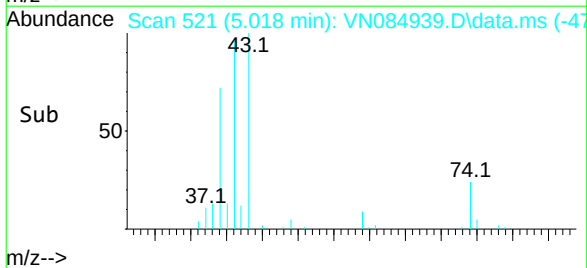
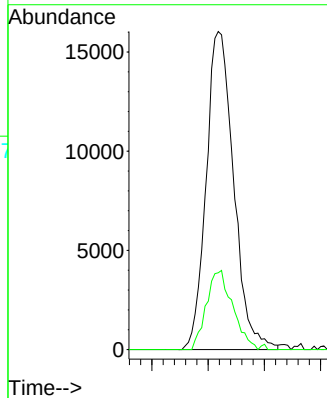
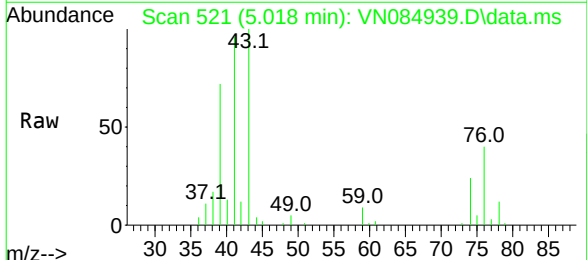
Manual Integrations
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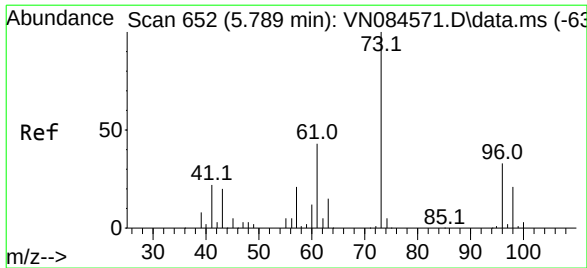
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#18
Methyl Acetate
Concen: 20.971 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 43 Resp: 54445
Ion Ratio Lower Upper
43 100
74 23.7 19.2 28.8





#19

Methyl tert-butyl Ether

Concen: 22.412 ug/l

RT: 5.789 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion: 73 Resp: 120002

Ion Ratio Lower Upper

73 100

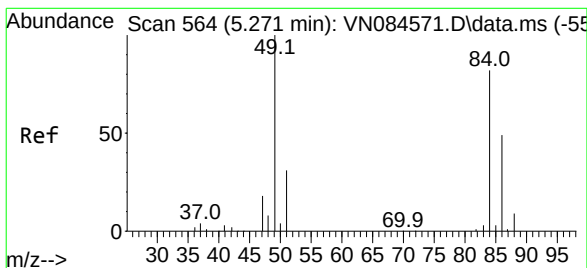
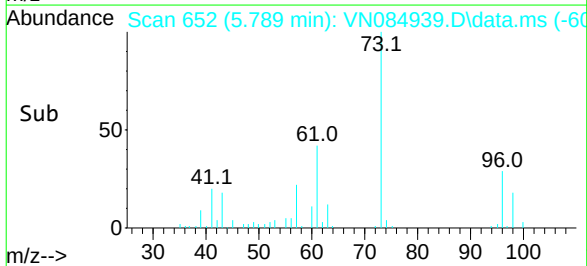
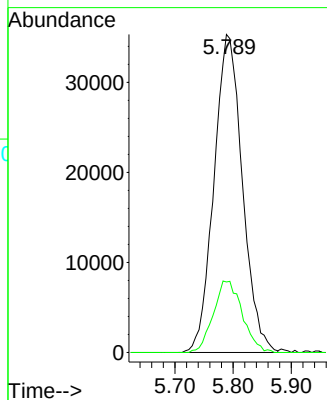
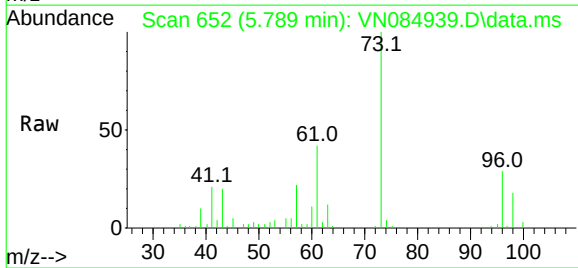
57 22.2 17.7 26.5

Manual Integrations

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Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#20

Methylene Chloride

Concen: 20.765 ug/l

RT: 5.259 min Scan# 562

Delta R.T. -0.018 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Tgt Ion: 84 Resp: 40464

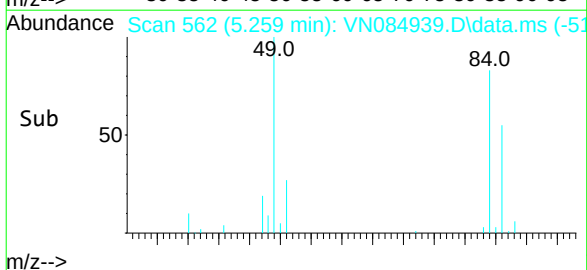
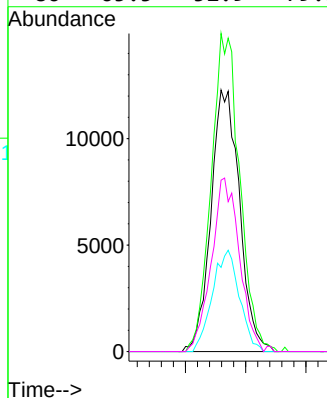
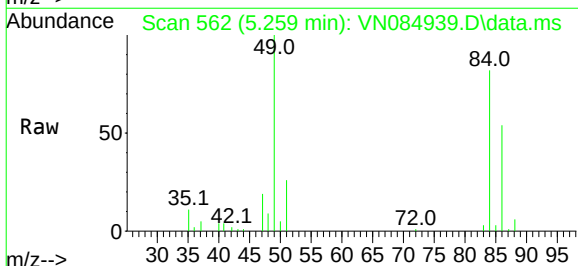
Ion Ratio Lower Upper

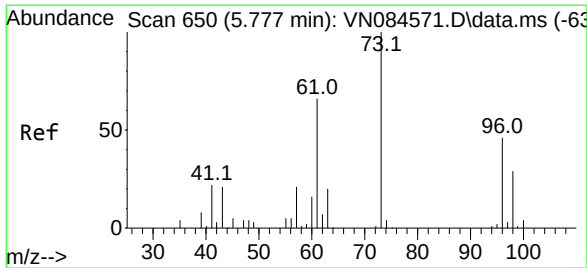
84 100

49 121.6 107.2 160.8

51 32.2 31.8 47.8

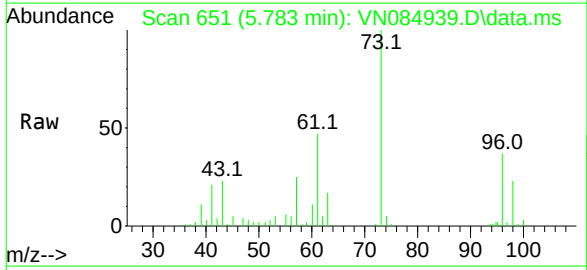
86 65.5 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 20.301 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

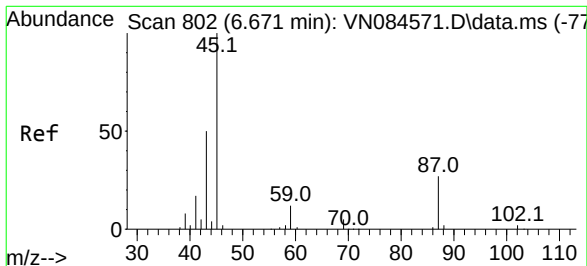
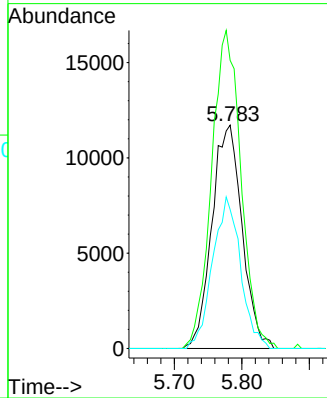
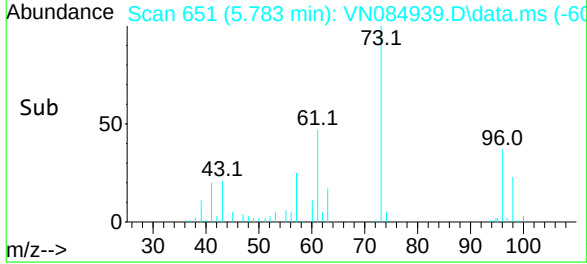
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



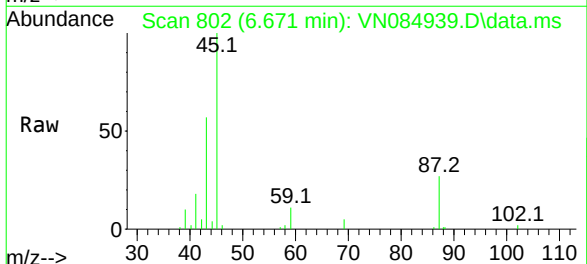
Tgt Ion: 96 Resp: 36416
Ion Ratio Lower Upper
96 100
61 129.0 108.4 162.6
98 62.2 49.8 74.8

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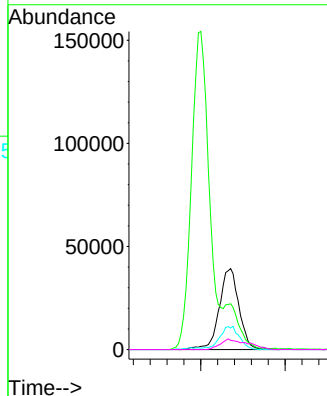
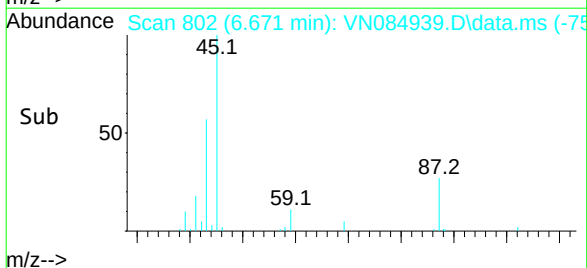
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

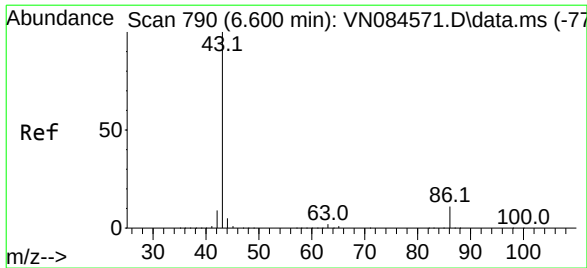


#22
Diisopropyl ether
Concen: 22.653 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



Tgt Ion: 45 Resp: 127521
Ion Ratio Lower Upper
45 100
43 55.8 42.3 63.5
87 26.6 21.8 32.6
59 11.4 9.6 14.4





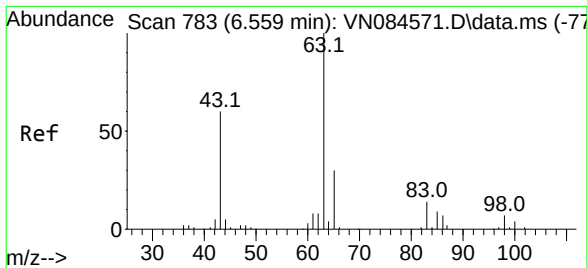
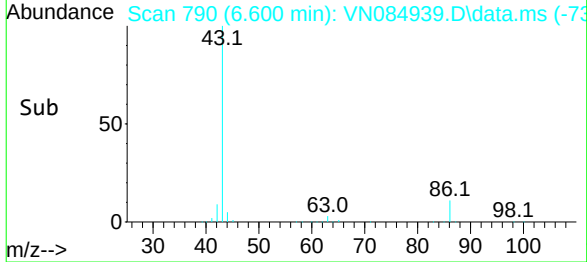
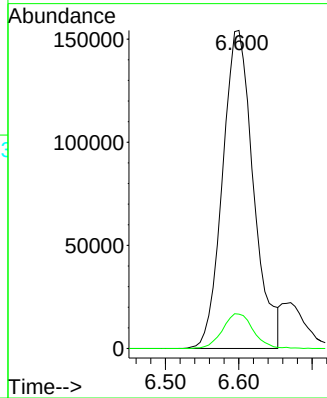
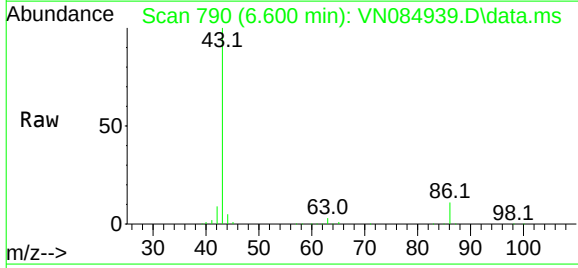
#23
 Vinyl Acetate
 Concen: 116.394 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion: 43 Resp: 451844
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8

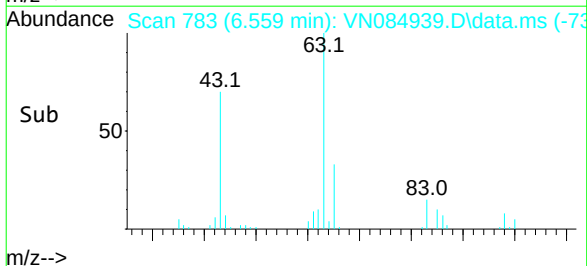
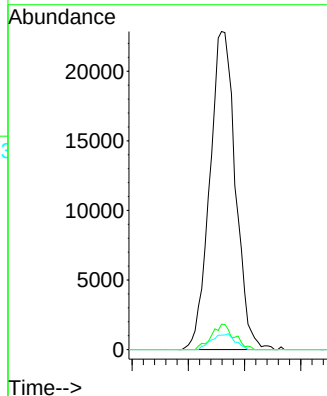
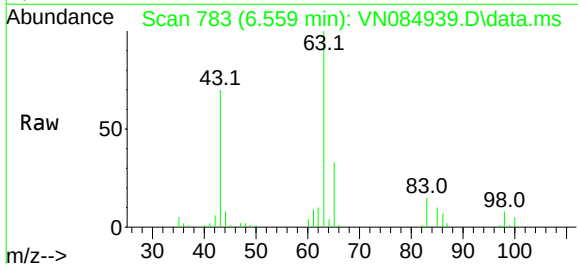
Manual Integrations
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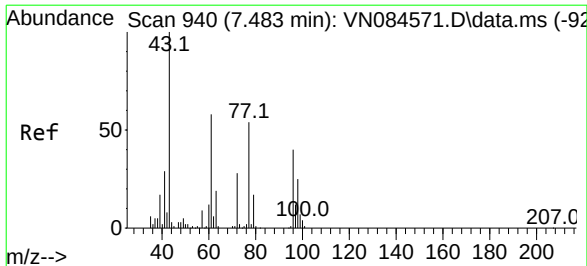
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#24
 1,1-Dichloroethane
 Concen: 21.464 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

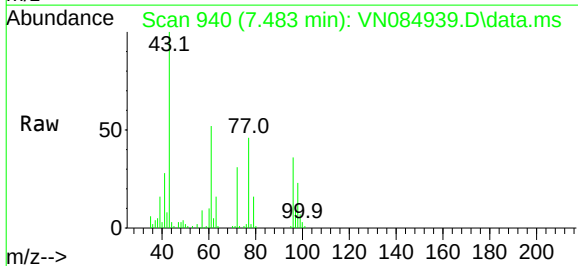
Tgt Ion: 63 Resp: 72541
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.4 10.2
 100 4.5 2.0 5.8





#25
2-Butanone
Concen: 128.196 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

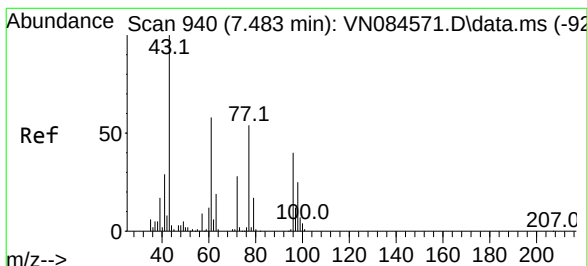
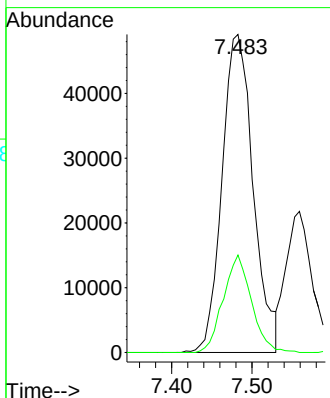
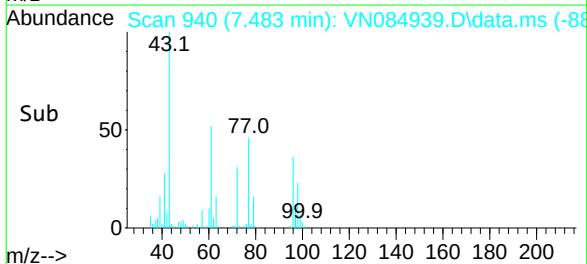
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



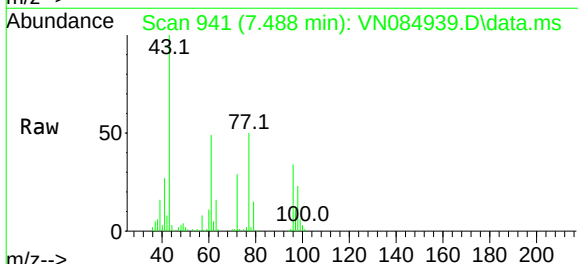
Tgt Ion: 43 Resp: 132510
Ion Ratio Lower Upper
43 100
72 30.6 21.4 32.2

Manual Integrations
APPROVED

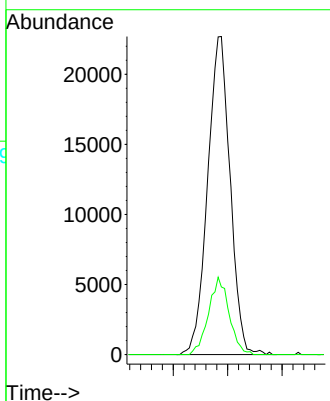
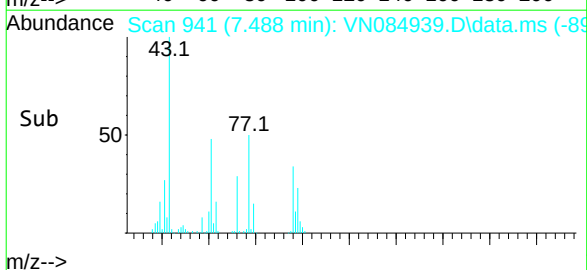
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

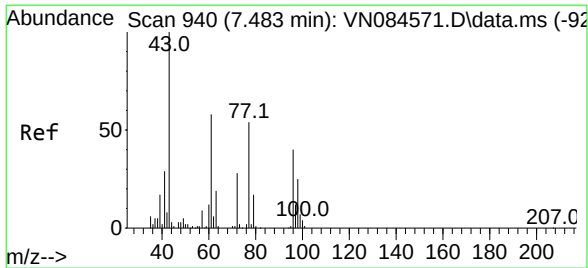


#26
2,2-Dichloropropane
Concen: 22.153 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



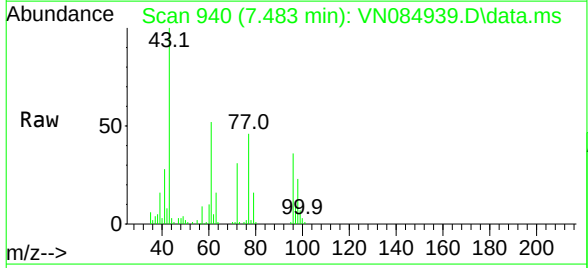
Tgt Ion: 77 Resp: 65164
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 21.277 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

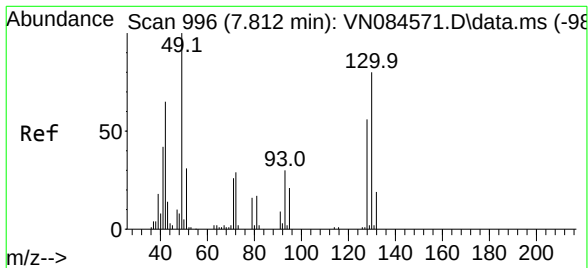
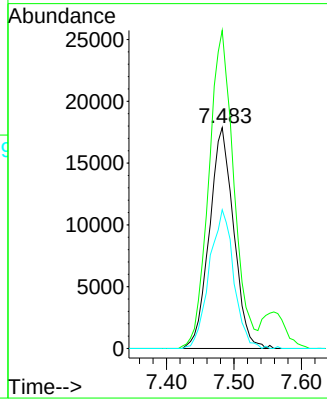
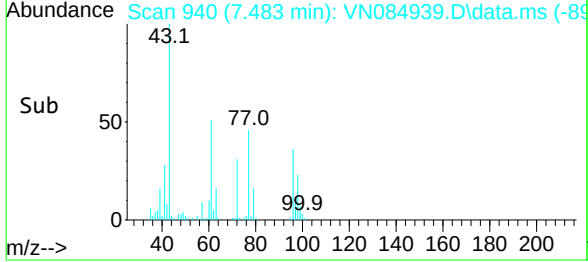
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 96 Resp: 44564
Ion Ratio Lower Upper
96 100
61 148.8 0.0 301.8
98 63.4 0.0 128.2

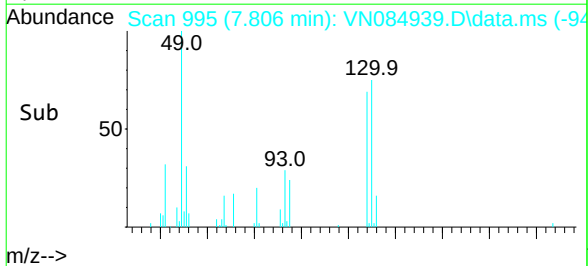
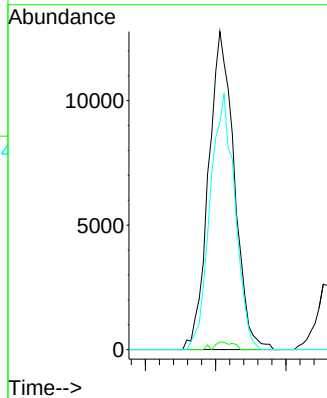
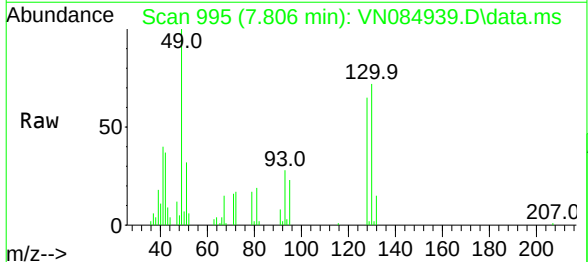
Manual Integrations
APPROVED

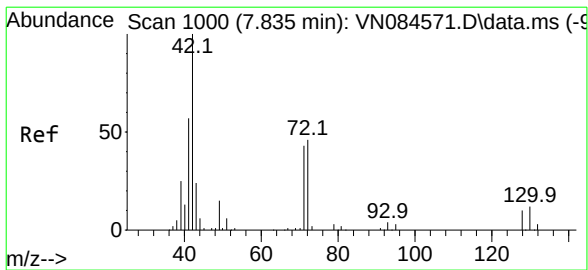
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#28
Bromochloromethane
Concen: 24.103 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 49 Resp: 32455
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.6
130 77.6 58.0 87.0





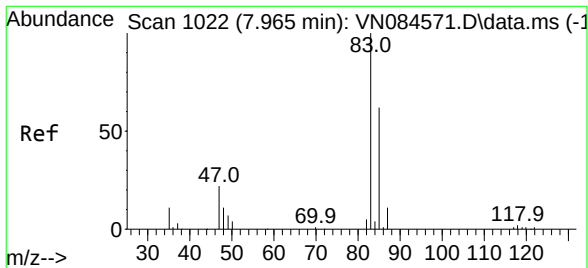
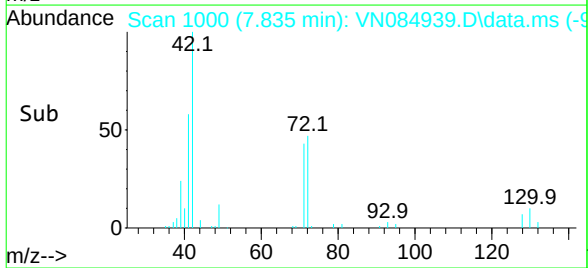
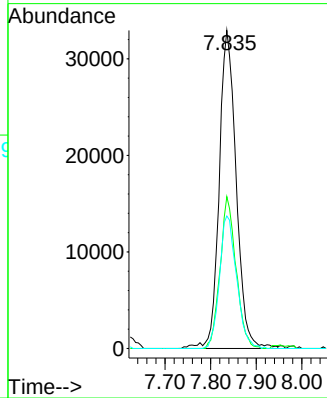
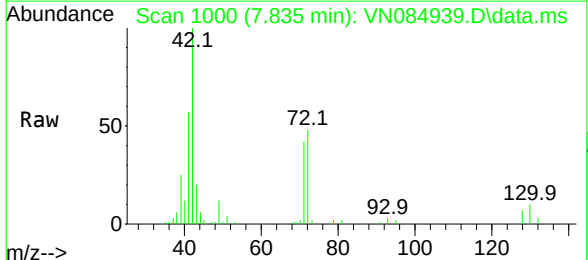
#29
Tetrahydrofuran
Concen: 124.340 ug/l
RT: 7.835 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 42 Resp: 85265
Ion Ratio Lower Upper
42 100
72 44.7 34.6 51.8
71 41.9 32.2 48.4

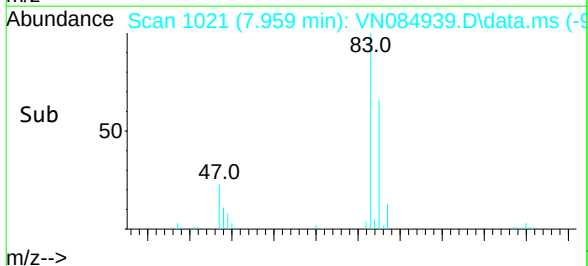
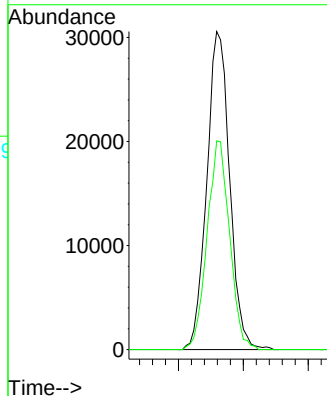
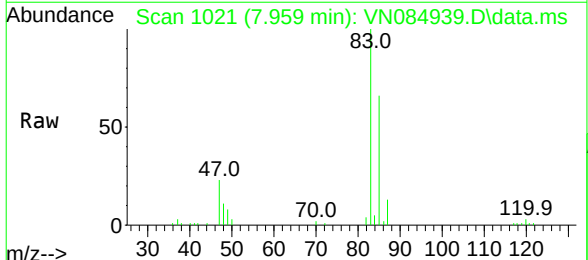
Manual Integrations
APPROVED

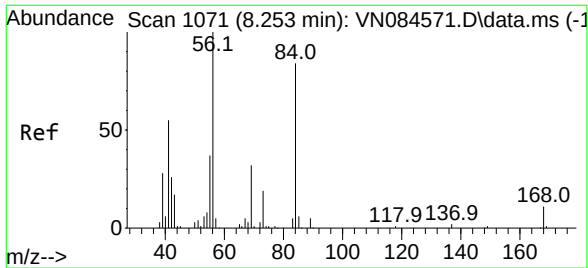
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#30
Chloroform
Concen: 21.717 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

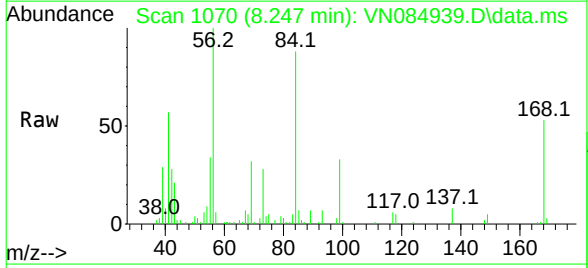
Tgt Ion: 83 Resp: 74705
Ion Ratio Lower Upper
83 100
85 65.6 51.0 76.4





#31
Cyclohexane
Concen: 20.003 ug/l
RT: 8.247 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

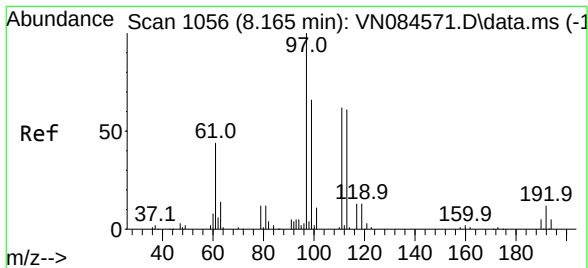
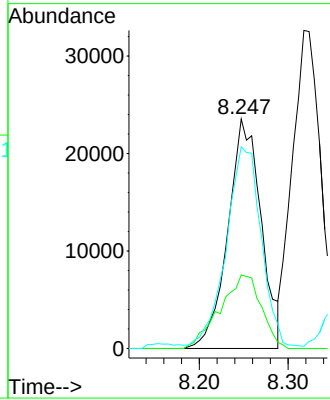
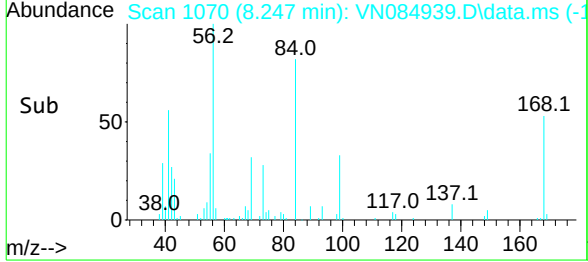
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 56 Resp: 61188
Ion Ratio Lower Upper
56 100
69 32.0 23.8 35.6
84 86.2 68.8 103.2

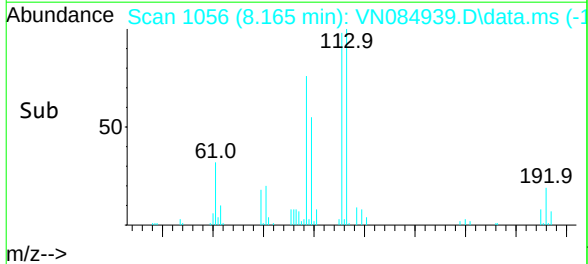
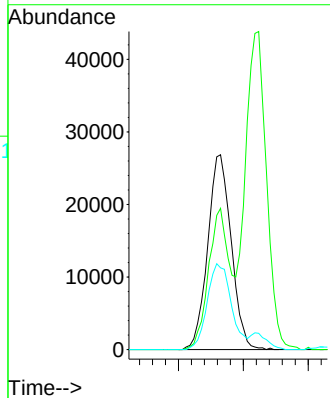
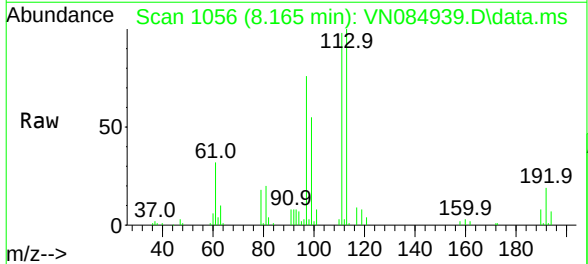
Manual Integrations
APPROVED

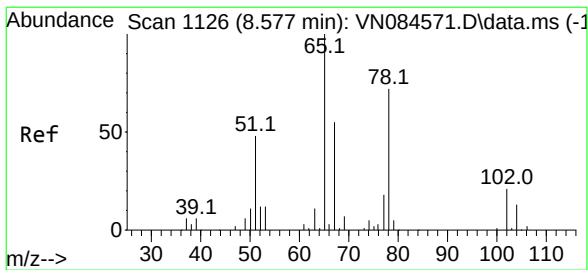
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#32
1,1,1-Trichloroethane
Concen: 21.568 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

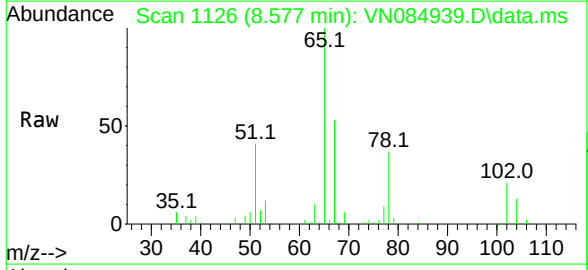
Tgt Ion: 97 Resp: 67529
Ion Ratio Lower Upper
97 100
99 67.1 51.2 76.8
61 45.3 37.5 56.3





#33
 1,2-Dichloroethane-d4
 Concen: 48.427 ug/l
 RT: 8.577 min Scan# 1112
 Delta R.T. -0.000 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

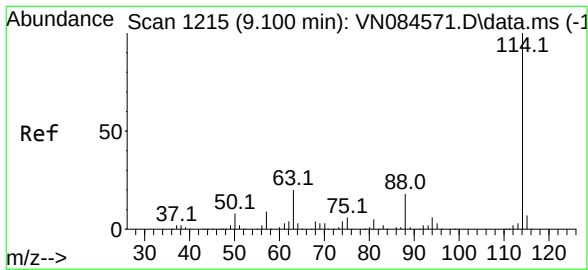
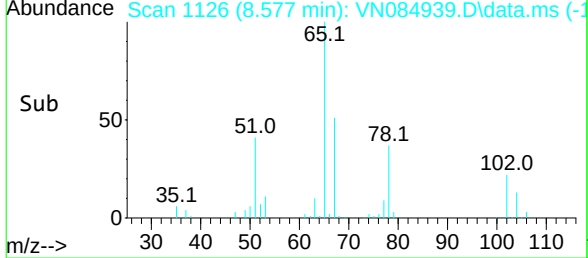
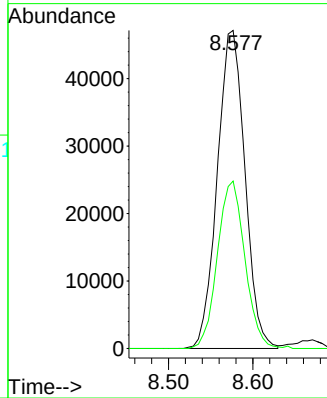
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01



Tgt Ion: 65 Resp: 107295
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0

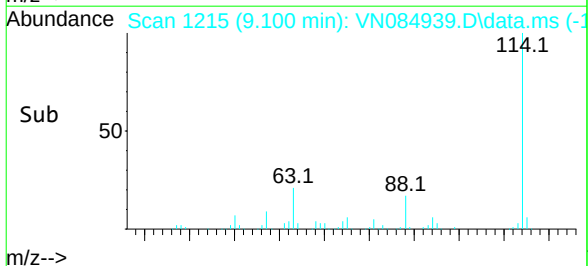
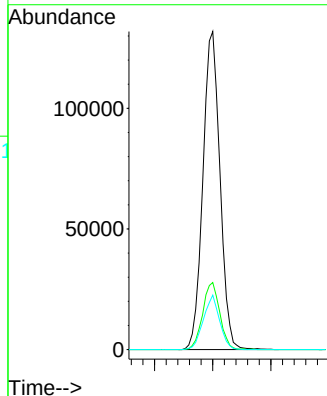
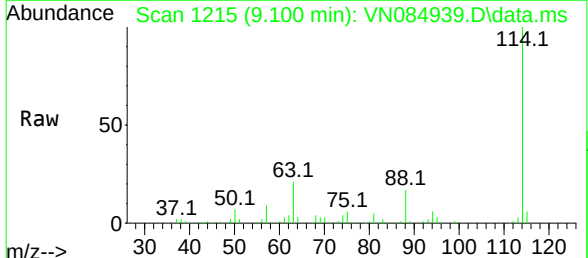
Manual Integrations
APPROVED

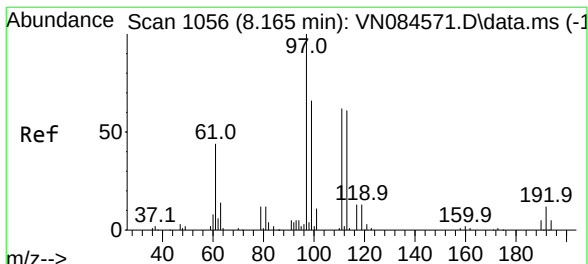
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

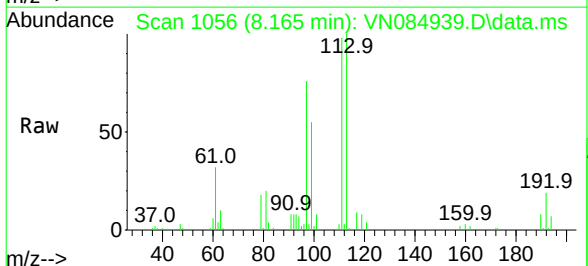
Tgt Ion:114 Resp: 269005
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 43.8
 88 17.1 0.0 31.6





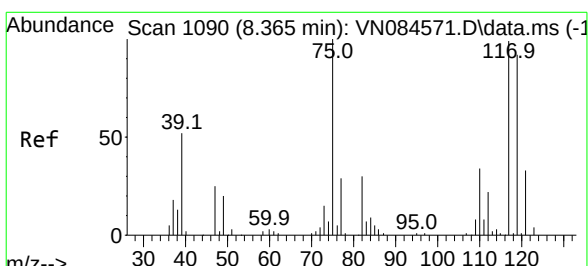
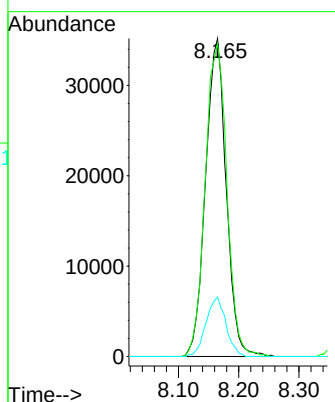
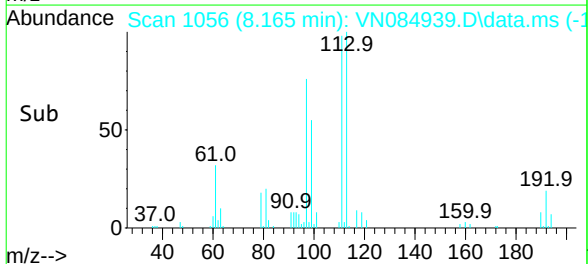
#35
 Dibromofluoromethane
 Concen: 46.039 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

Instrument : MSVOA_N
 ClientSampleId : VN1119WBSD01

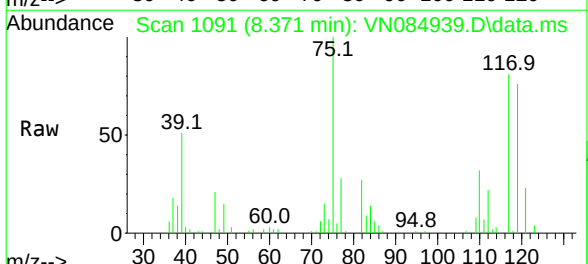


Tgt Ion:	113	Resp:	83829
Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.3	124.9
192	18.0	13.5	20.3

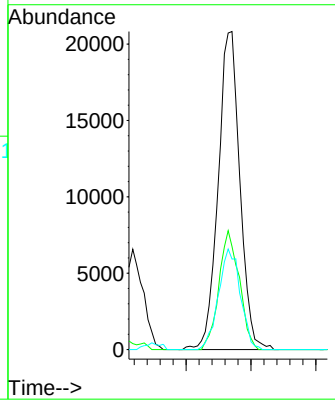
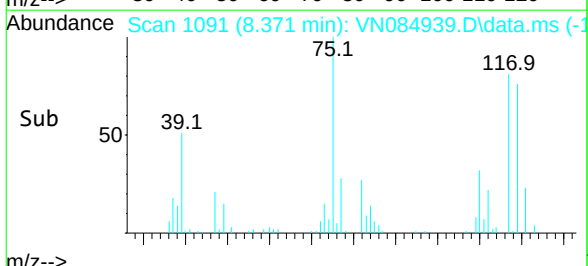
Manual Integrations
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 Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024

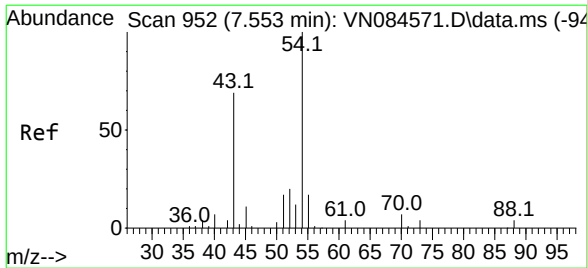


#36
 1,1-Dichloropropene
 Concen: 19.164 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. -0.000 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04



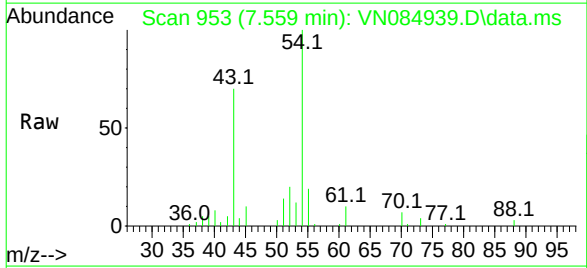
Tgt Ion:	75	Resp:	48395
Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.9	50.7
77	31.9	24.7	37.1





#37
Ethyl Acetate
Concen: 21.019 ug/l
RT: 7.559 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

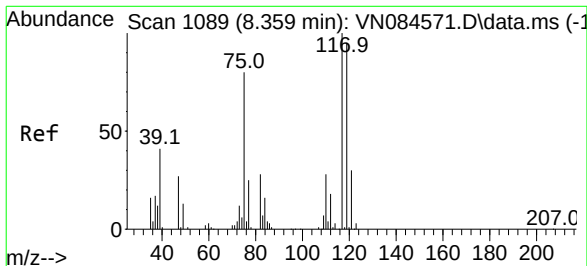
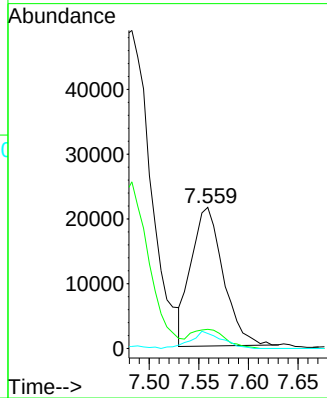
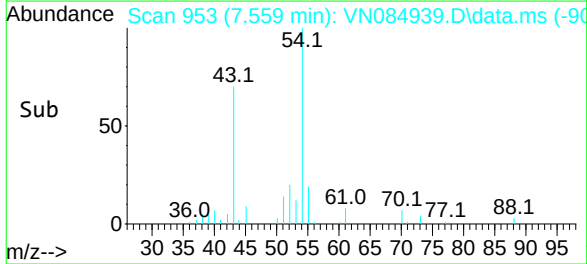
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



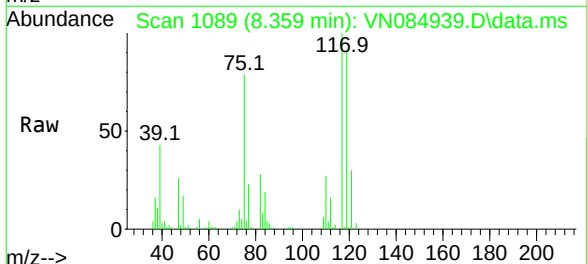
Tgt Ion: 43 Resp: 48159
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 11.9 8.8 13.2

Manual Integrations
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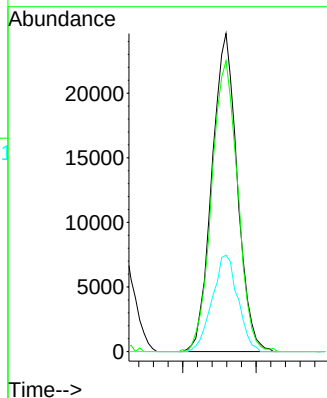
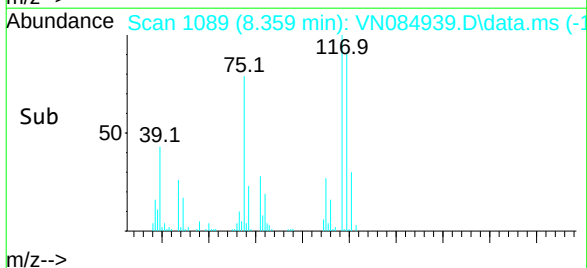
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

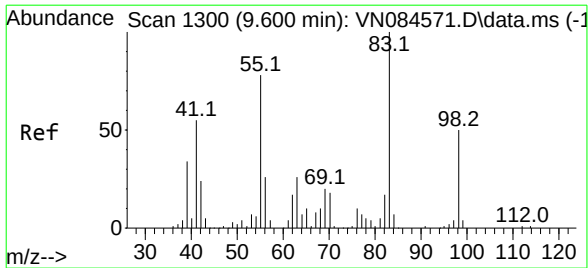


#38
Carbon Tetrachloride
Concen: 20.932 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



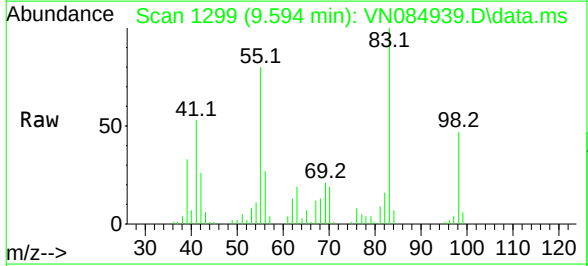
Tgt Ion:117 Resp: 59083
Ion Ratio Lower Upper
117 100
119 91.5 78.7 118.1
121 30.3 24.4 36.6





#39
Methylcyclohexane
Concen: 19.917 ug/l
RT: 9.594 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

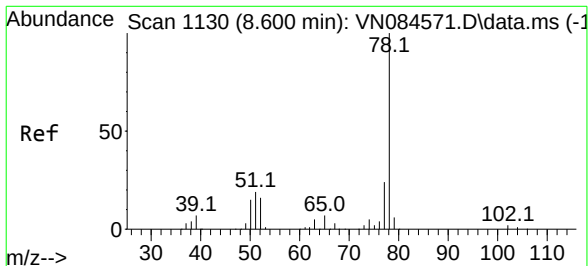
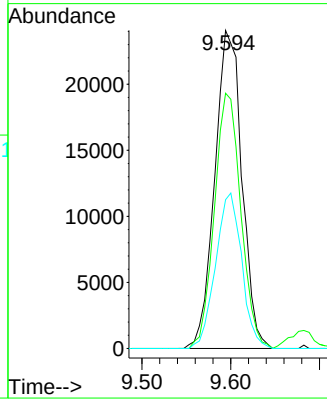
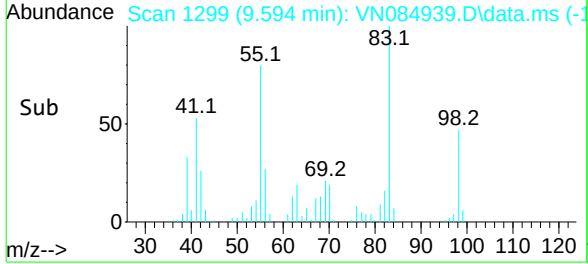
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



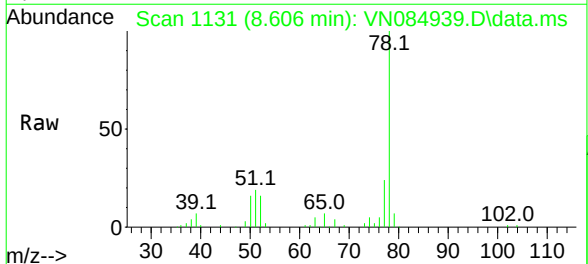
Tgt Ion: 83 Resp: 51166
Ion Ratio Lower Upper
83 100
55 80.3 62.8 94.2
98 46.8 38.8 58.2

Manual Integrations
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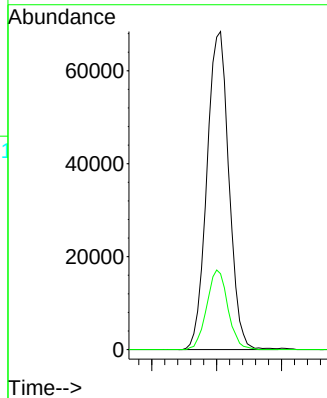
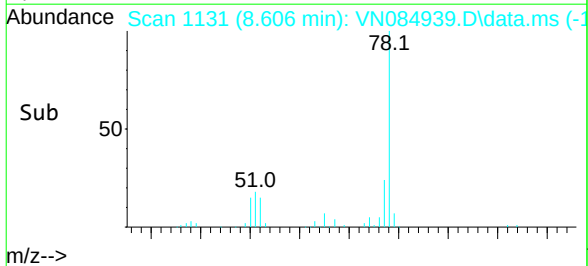
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

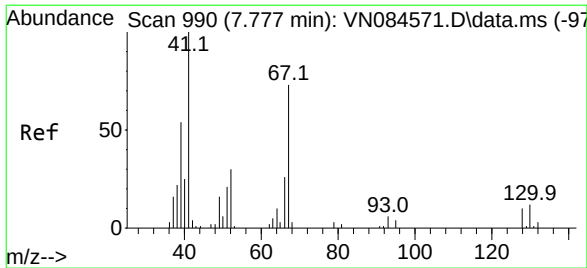


#40
Benzene
Concen: 19.895 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



Tgt Ion: 78 Resp: 161343
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





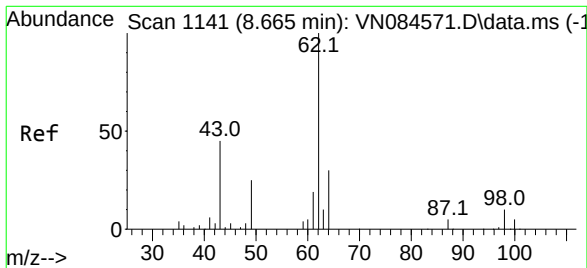
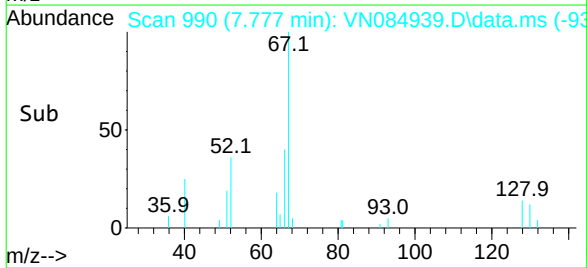
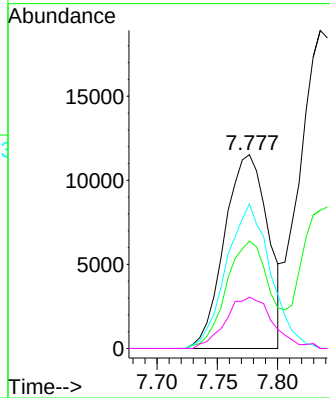
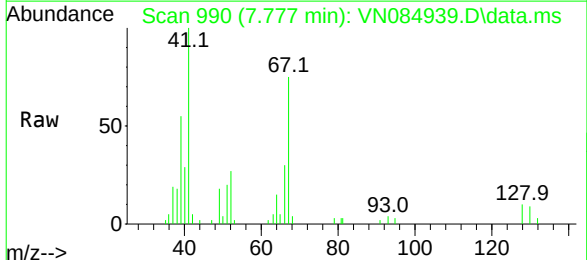
#41
Methacrylonitrile
Concen: 23.517 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:	41	Resp:	28975
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.3	64.9
67	75.6	56.1	84.1
52	28.8	24.5	36.7

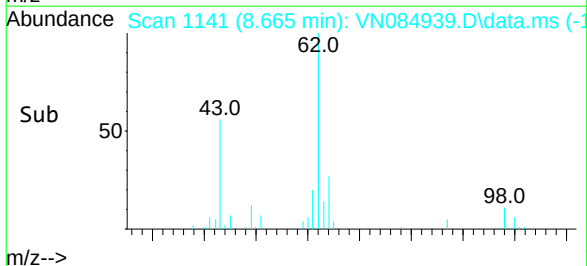
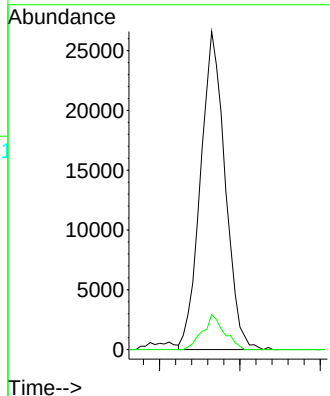
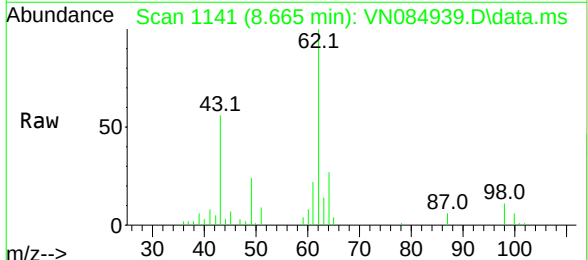
Manual Integrations
APPROVED

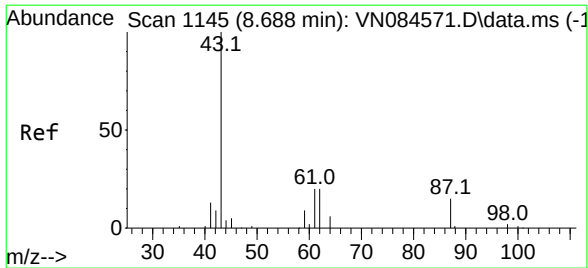
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#42
1,2-Dichloroethane
Concen: 21.535 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:	62	Resp:	56560
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.2





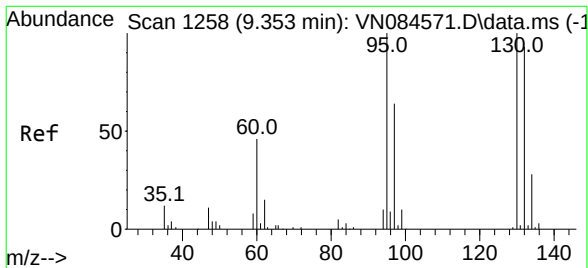
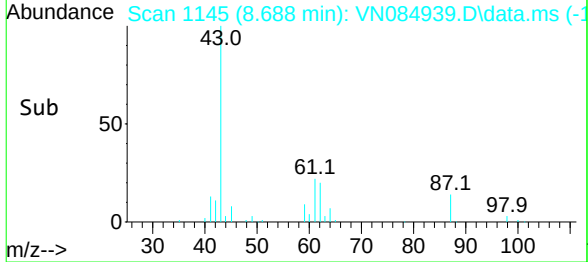
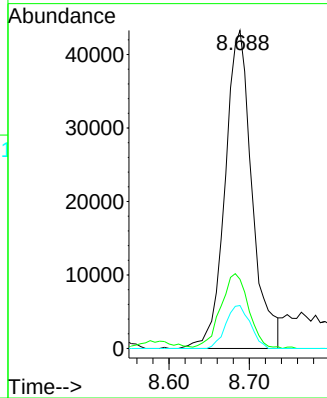
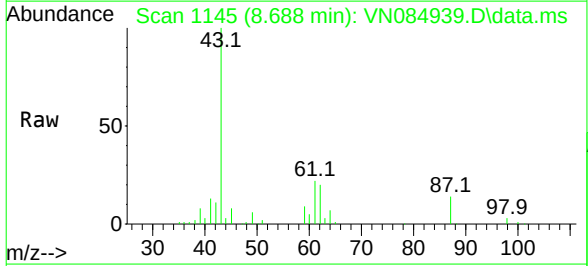
#43
Isopropyl Acetate
Concen: 23.406 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 101247
Ion Ratio Lower Upper
43 100
61 24.4 20.4 30.6
87 12.2 10.3 15.5

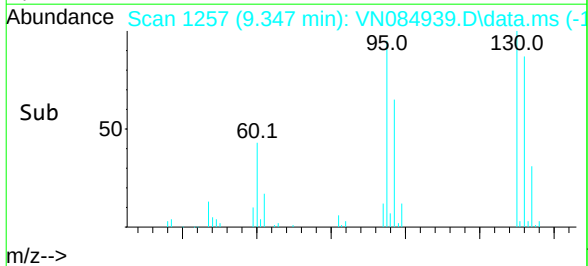
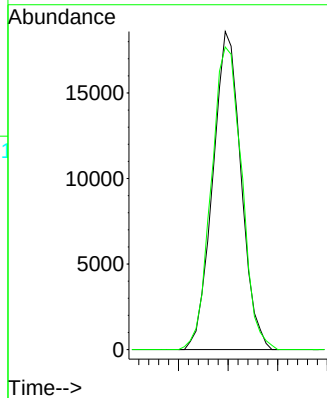
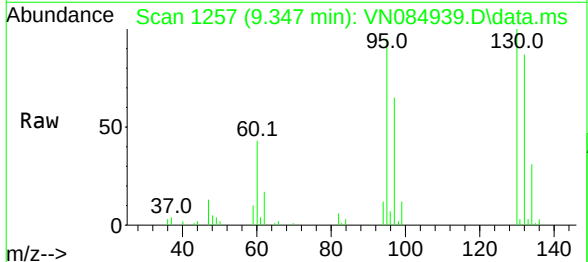
Manual Integrations
APPROVED

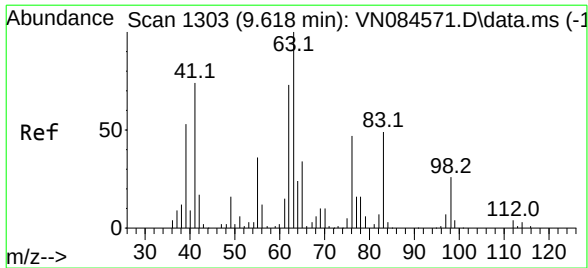
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#44
Trichloroethene
Concen: 19.675 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

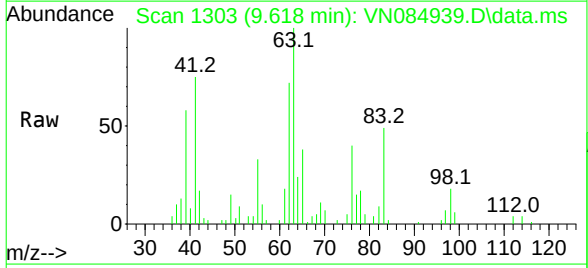
Tgt Ion:130 Resp: 36799
Ion Ratio Lower Upper
130 100
95 95.1 0.0 203.0





#45
1,2-Dichloropropane
Concen: 21.407 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

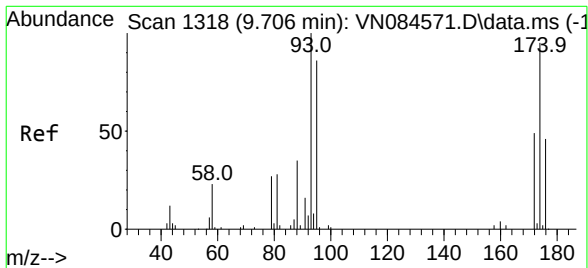
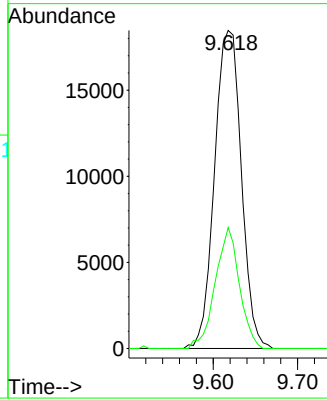
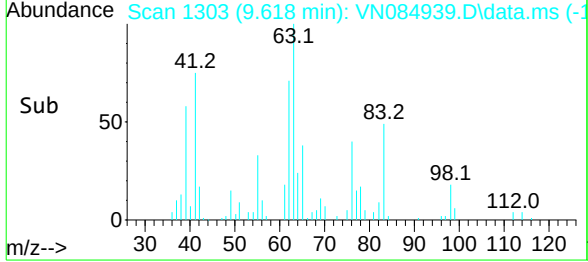
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 63 Resp: 40724
Ion Ratio Lower Upper
63 100
65 38.0 24.6 37.0#

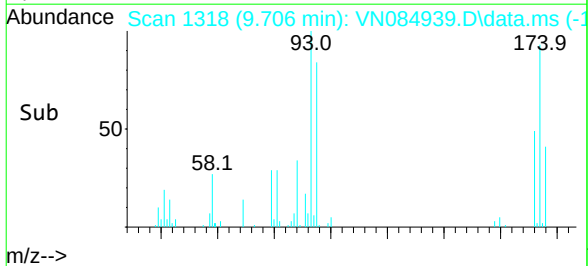
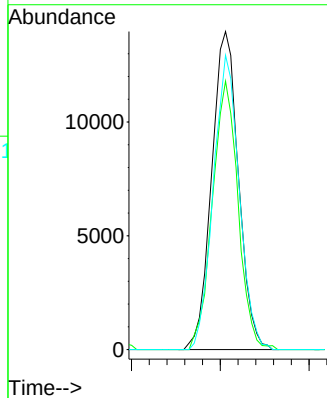
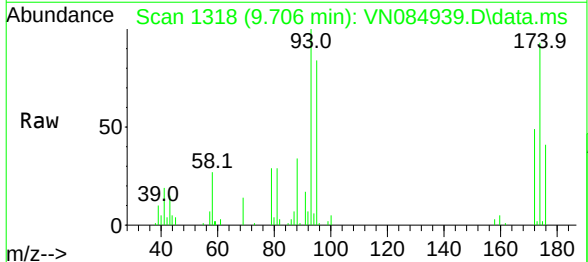
Manual Integrations
APPROVED

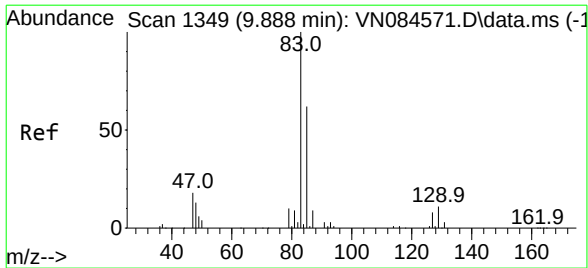
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#46
Dibromomethane
Concen: 21.864 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 93 Resp: 29350
Ion Ratio Lower Upper
93 100
95 80.6 65.0 97.4
174 89.3 71.8 107.8





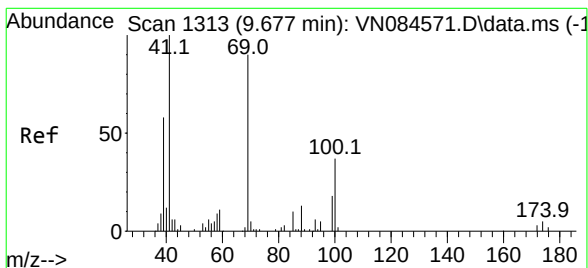
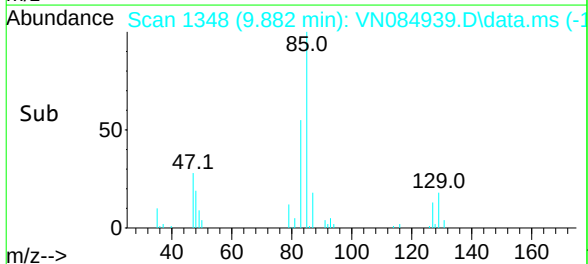
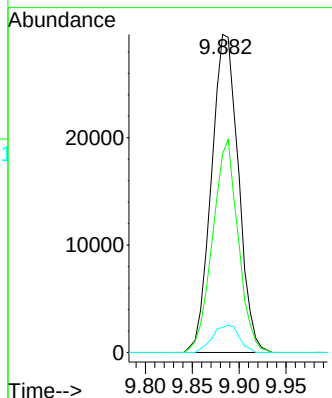
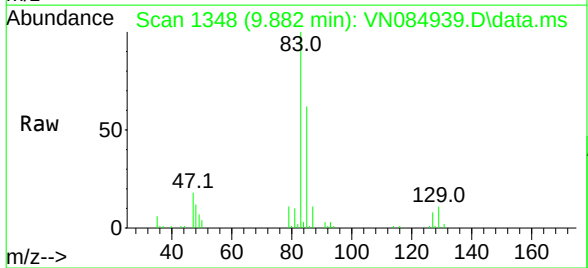
#47
 Bromodichloromethane
 Concen: 20.953 ug/l
 RT: 9.882 min Scan# 1349
 Delta R.T. -0.006 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBSD01

Tgt Ion:	83	Resp:	59296
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.5	77.3
127	7.9	5.7	8.5

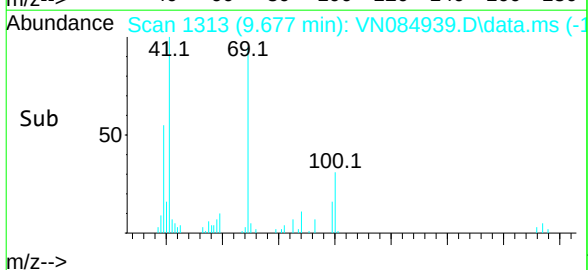
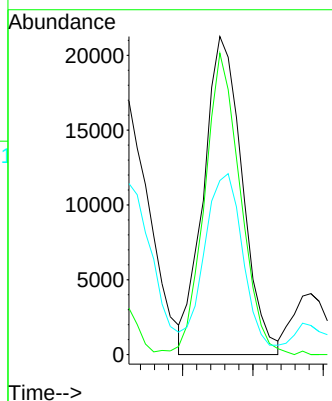
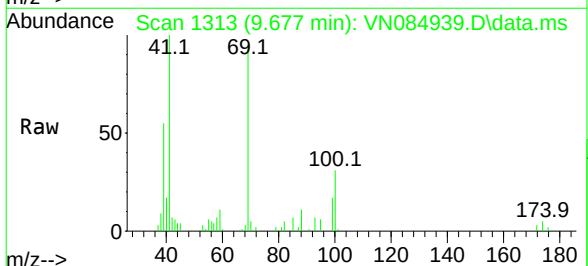
Manual Integrations
 APPROVED

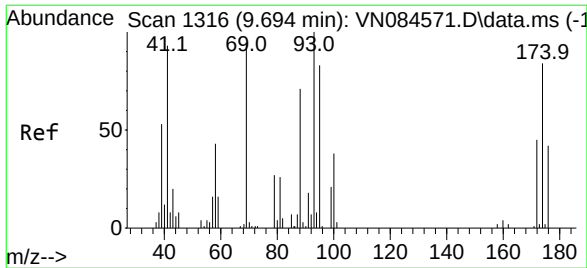
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#48
 Methyl methacrylate
 Concen: 22.809 ug/l
 RT: 9.677 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084939.D
 Acq: 19 Nov 2024 12:04

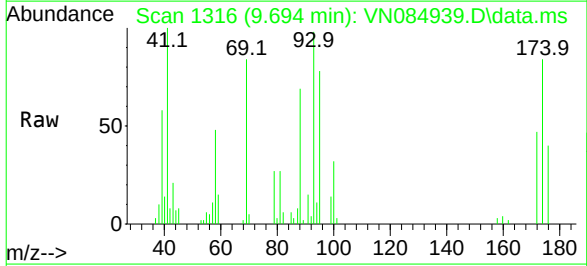
Tgt Ion:	41	Resp:	40672
Ion	Ratio	Lower	Upper
41	100		
69	87.2	67.1	100.7
39	58.0	45.8	68.6





#49
1,4-Dioxane
Concen: 472.774 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

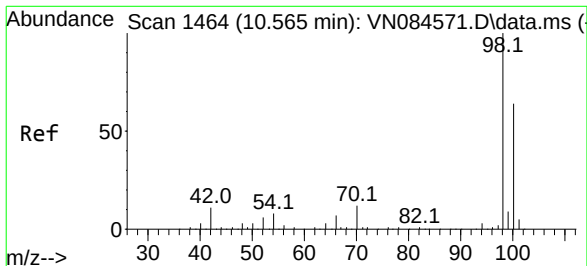
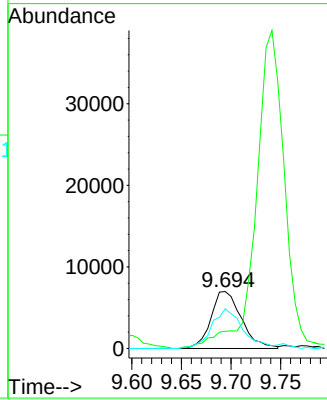
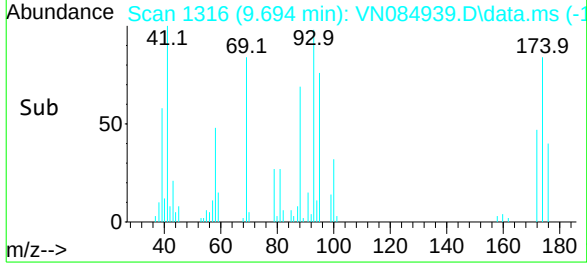
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 88 Resp: 14939
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 70.8 56.4 84.6

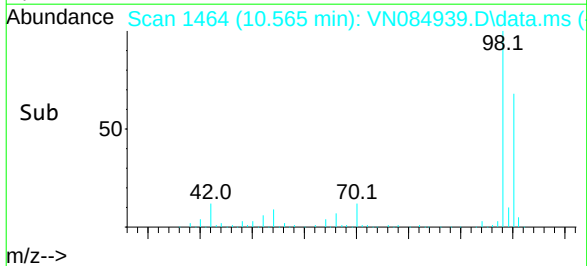
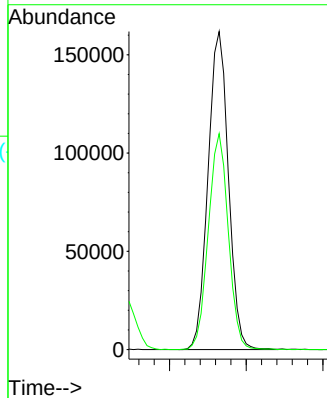
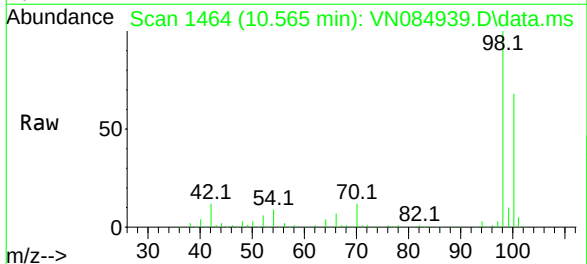
Manual Integrations
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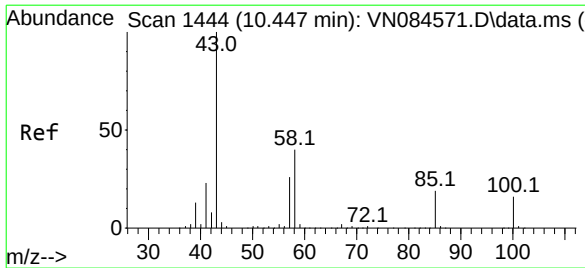
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#50
Toluene-d8
Concen: 44.543 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 98 Resp: 298770
Ion Ratio Lower Upper
98 100
100 66.6 52.7 79.1





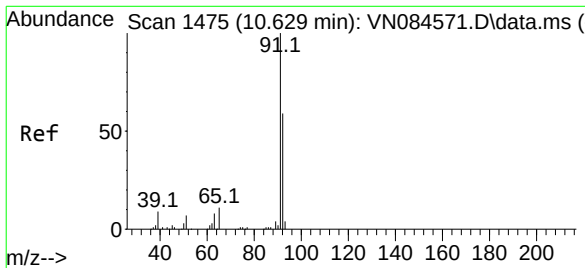
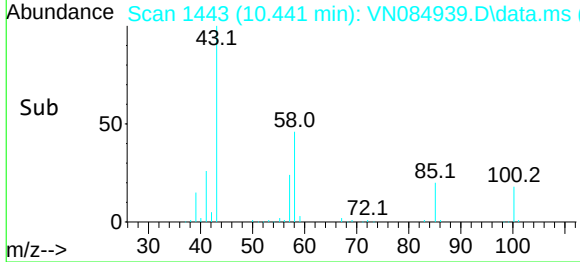
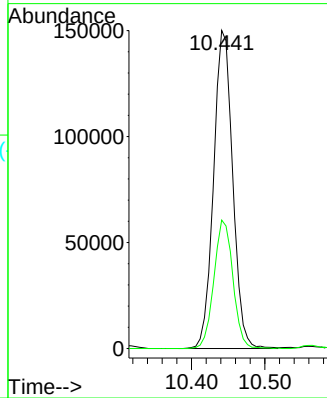
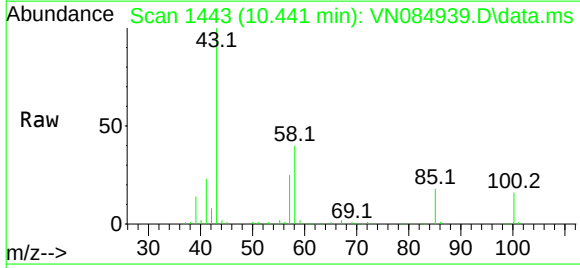
#51
4-Methyl-2-Pentanone
Concen: 124.348 ug/l
RT: 10.441 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 271597
Ion Ratio Lower Upper
43 100
58 40.1 31.6 47.4

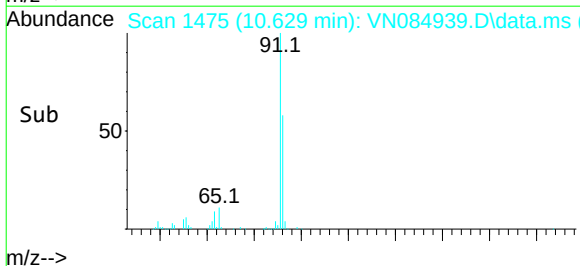
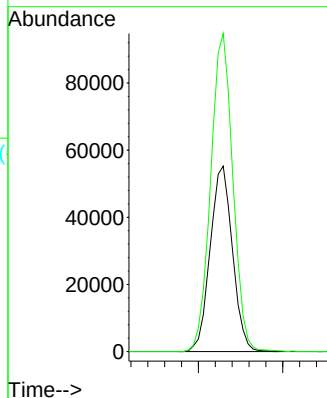
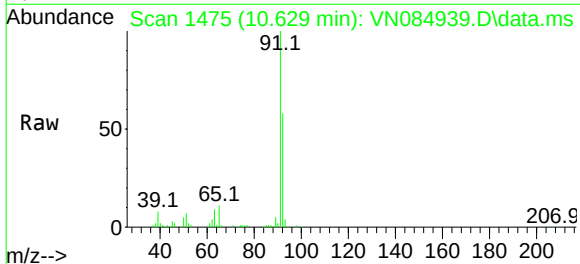
Manual Integrations
APPROVED

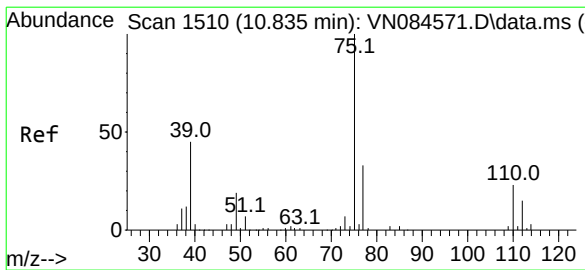
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#52
Toluene
Concen: 21.395 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

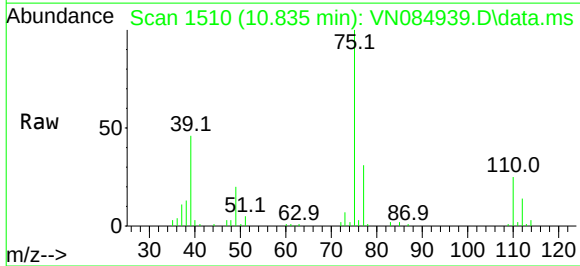
Tgt Ion: 92 Resp: 101476
Ion Ratio Lower Upper
92 100
91 170.6 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 20.315 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

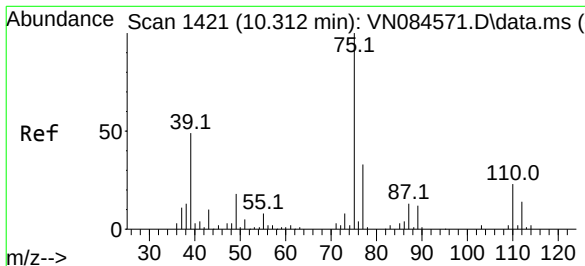
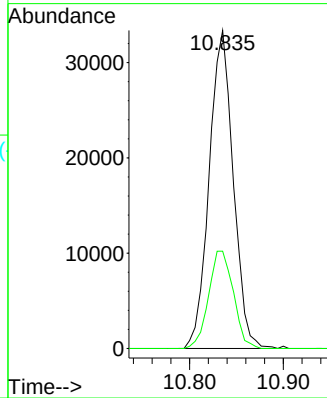
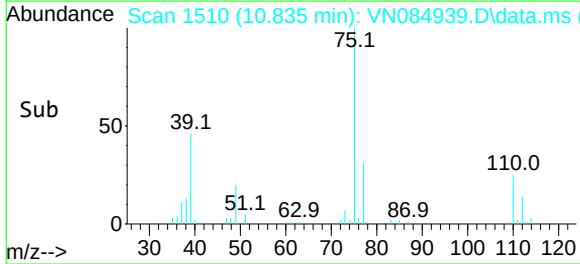
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 75 Resp: 59504
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0

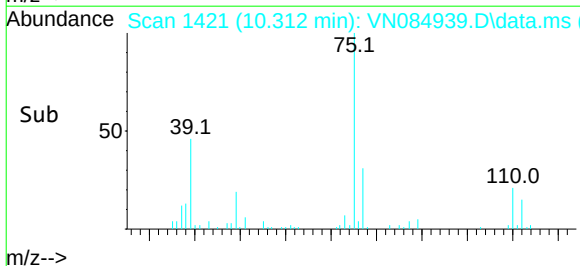
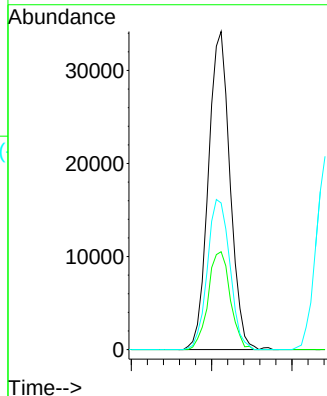
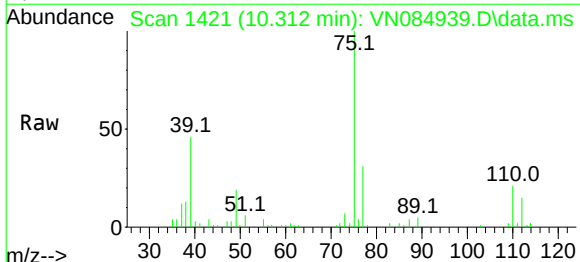
Manual Integrations
APPROVED

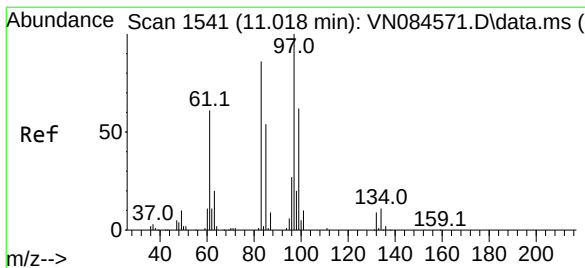
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#54
cis-1,3-Dichloropropene
Concen: 20.652 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

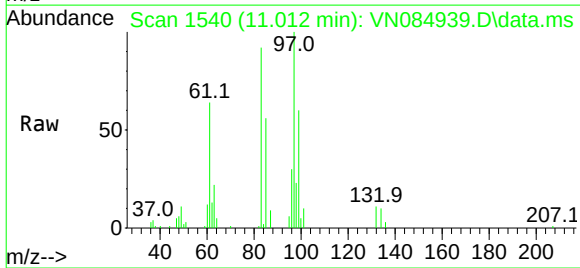
Tgt Ion: 75 Resp: 64023
Ion Ratio Lower Upper
75 100
77 30.8 24.2 36.2
39 46.1 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 21.027 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

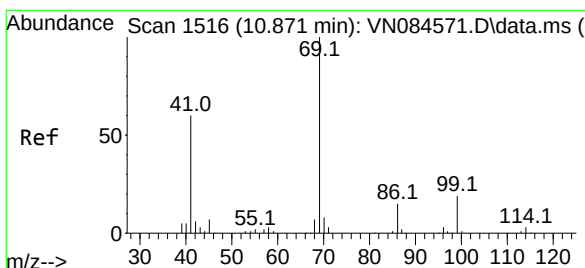
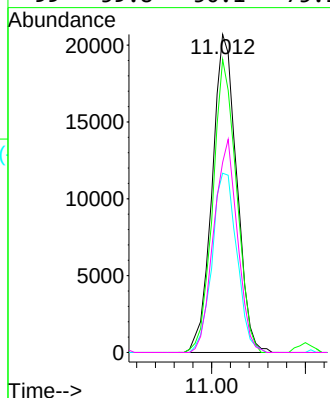
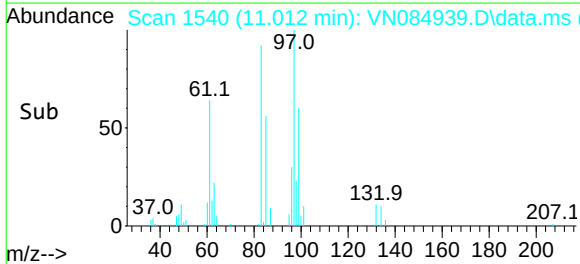
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.2	71.0	106.4
85	56.4	41.7	62.5
99	59.8	50.1	75.1

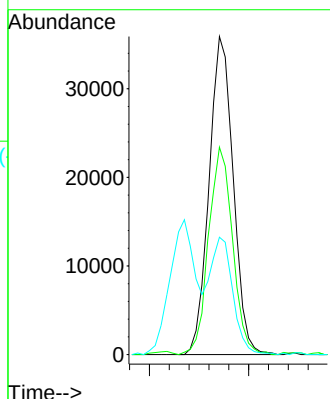
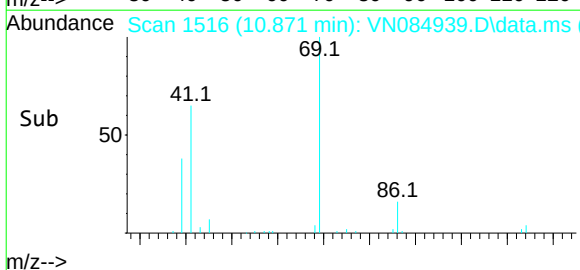
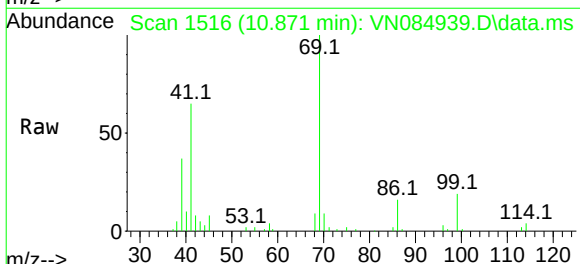
Manual Integrations
APPROVED

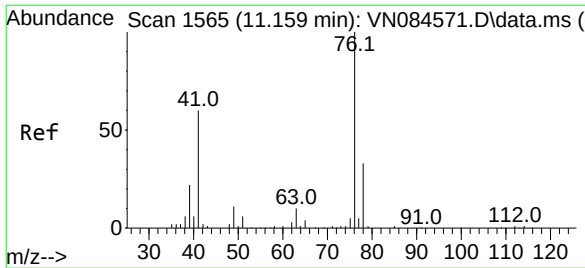
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#56
Ethyl methacrylate
Concen: 23.500 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

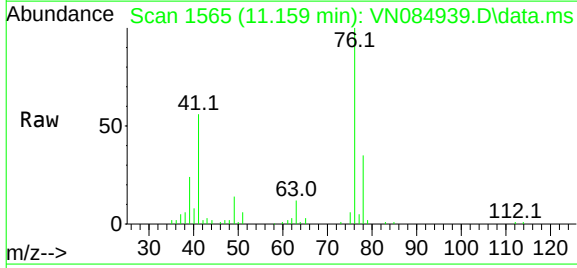
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.3	79.9
39	35.5	28.8	43.2





#57
1,3-Dichloropropane
Concen: 21.715 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

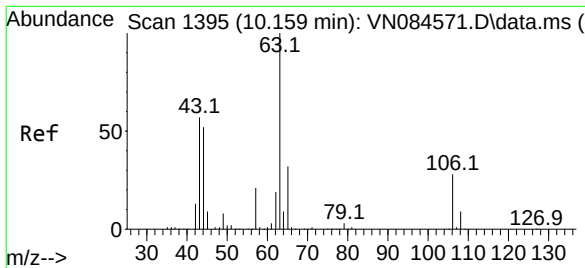
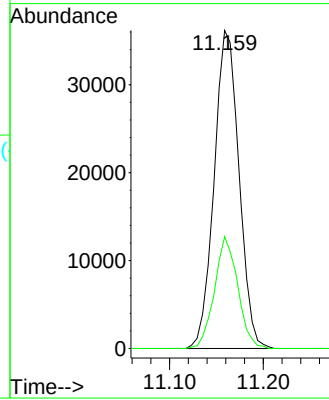
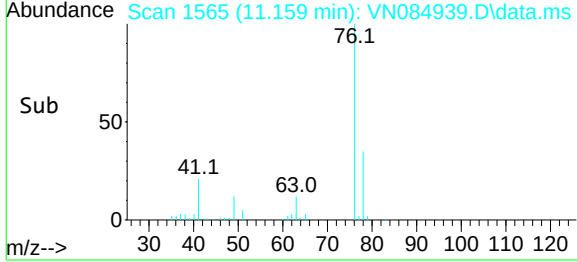
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 76 Resp: 66585
Ion Ratio Lower Upper
76 100
78 32.9 25.8 38.6

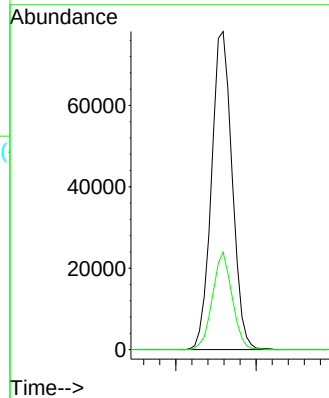
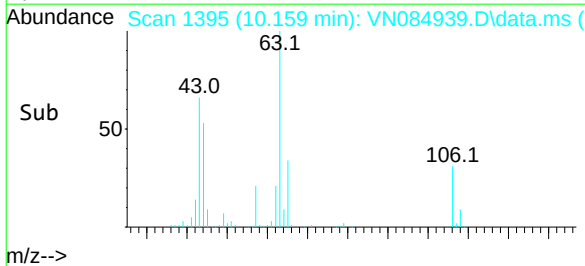
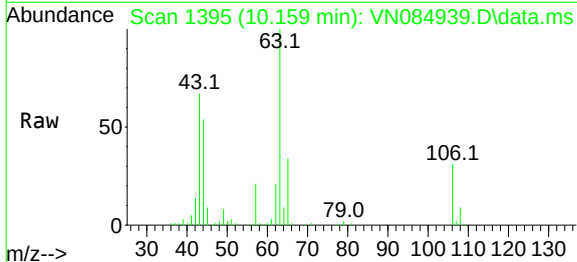
Manual Integrations
APPROVED

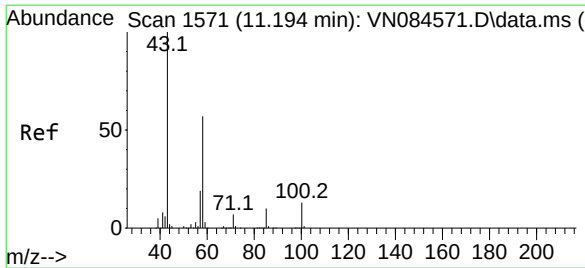
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 115.524 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 63 Resp: 139701
Ion Ratio Lower Upper
63 100
106 29.1 21.8 32.6





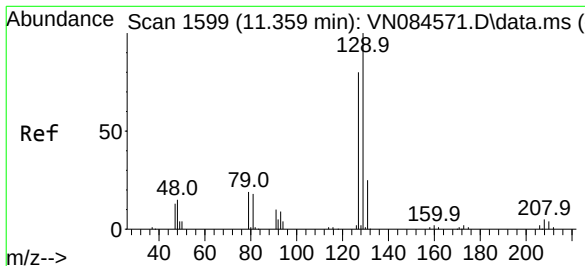
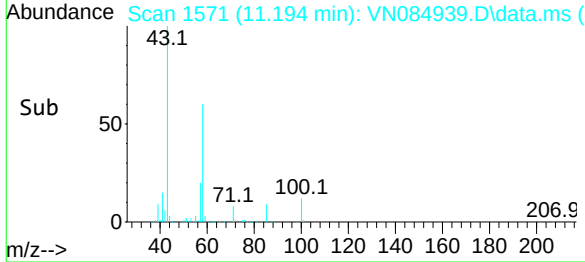
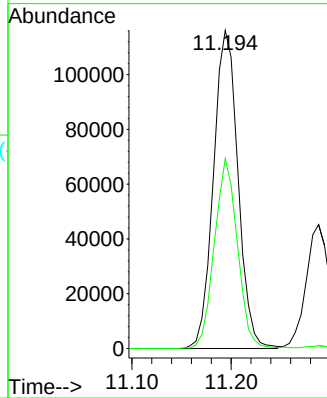
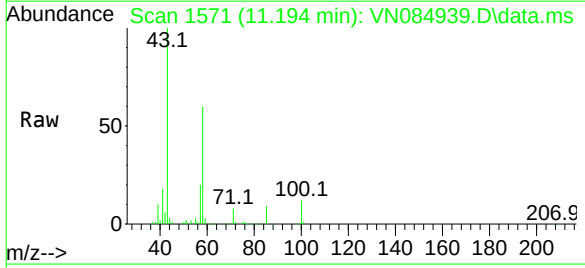
#59
2-Hexanone
Concen: 125.311 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 43 Resp: 199222
Ion Ratio Lower Upper
43 100
58 56.2 27.3 81.8

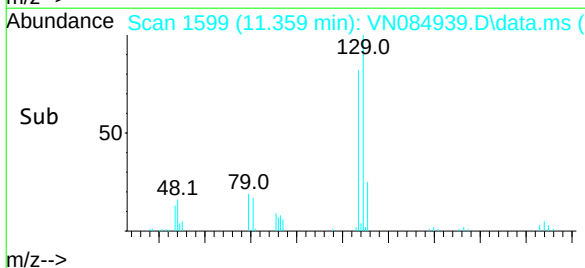
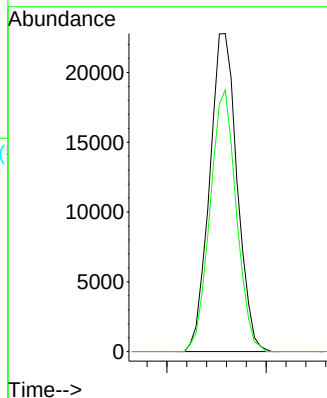
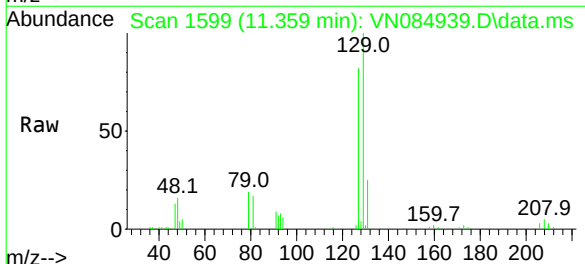
Manual Integrations
APPROVED

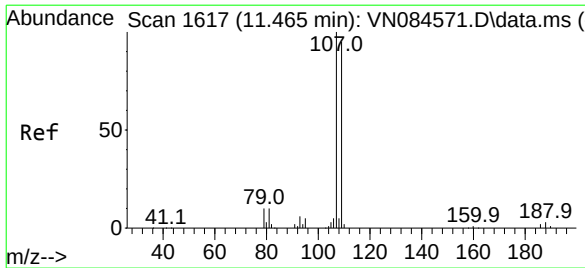
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#60
Dibromochloromethane
Concen: 21.583 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

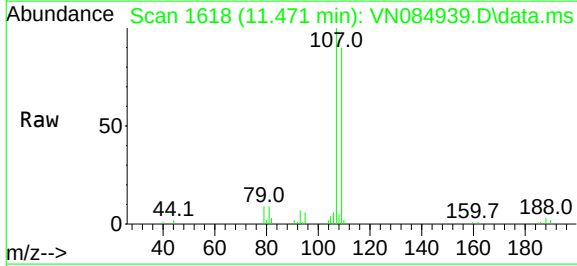
Tgt Ion:129 Resp: 43948
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.9





#61
1,2-Dibromoethane
Concen: 21.343 ug/l
RT: 11.471 min Scan# 1617
Delta R.T. 0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

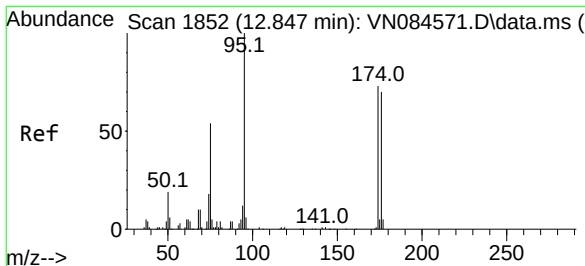
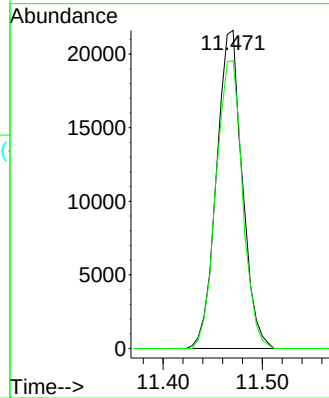
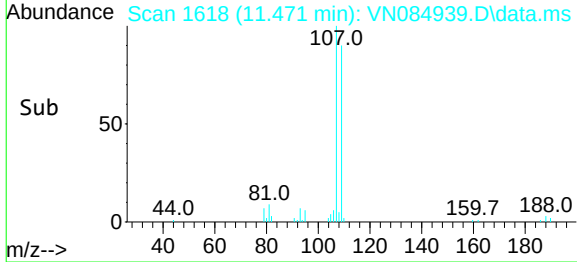
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



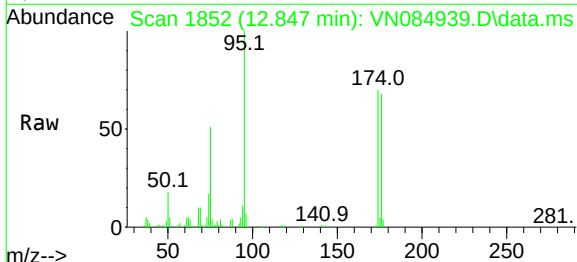
Tgt Ion: 107 Resp: 39049
Ion Ratio Lower Upper
107 100
109 93.2 75.4 113.0

Manual Integrations
APPROVED

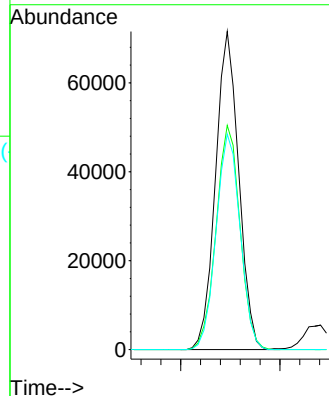
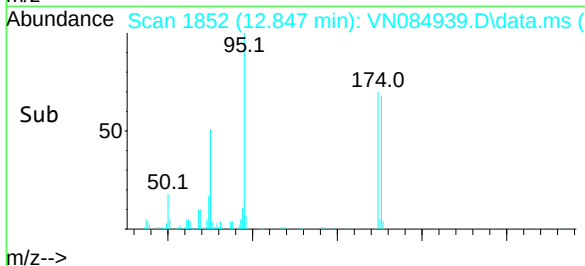
Reviewed By : John Carlone 11/20/2024
Supervised By : Mahesh Dadoda 11/20/2024

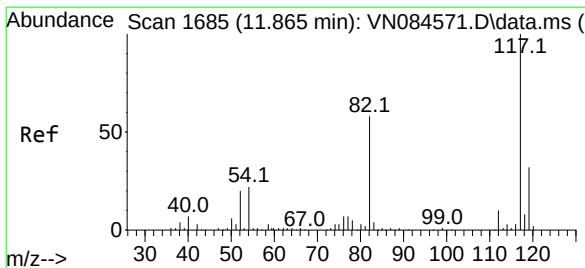


#62
4-Bromofluorobenzene
Concen: 46.424 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04



Tgt Ion: 95 Resp: 116375
Ion Ratio Lower Upper
95 100
174 72.4 0.0 145.2
176 69.9 0.0 140.0





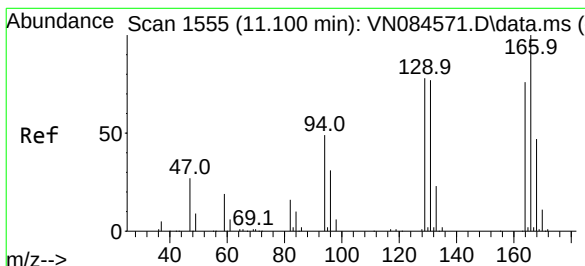
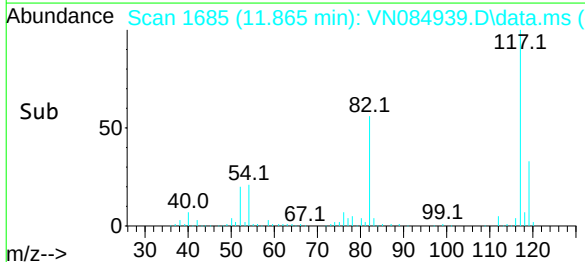
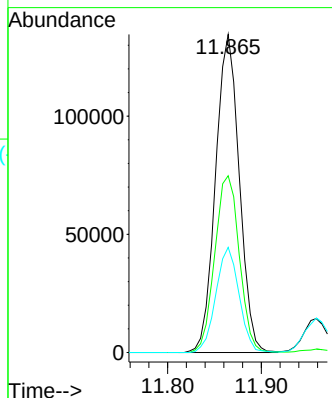
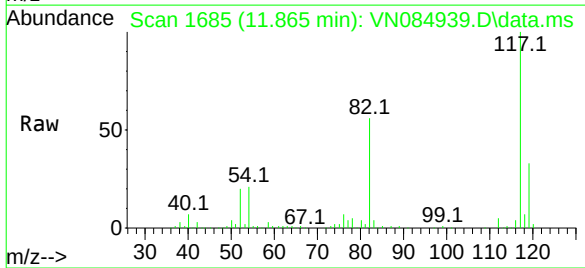
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:117 Resp: 236636
Ion Ratio Lower Upper
117 100
82 55.6 47.2 70.8
119 33.1 25.4 38.0

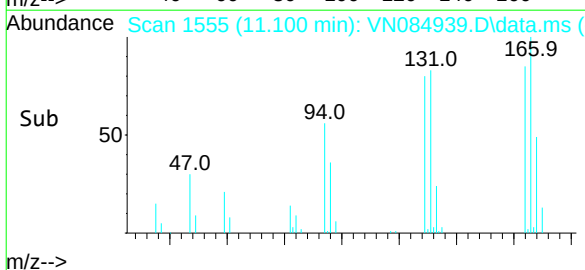
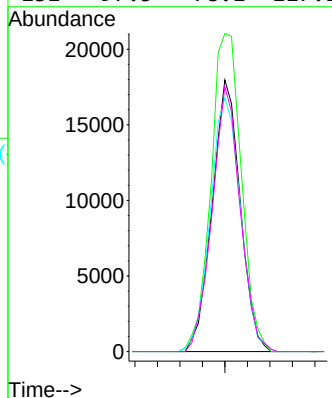
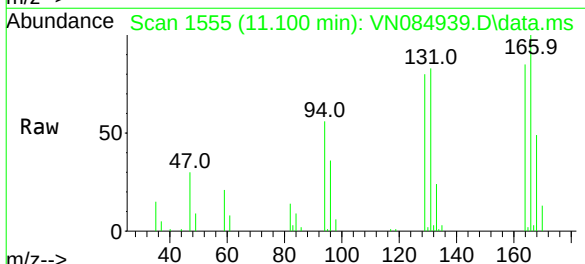
Manual Integrations
APPROVED

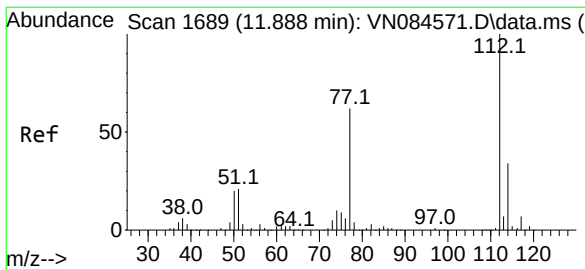
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#64
Tetrachloroethene
Concen: 19.776 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

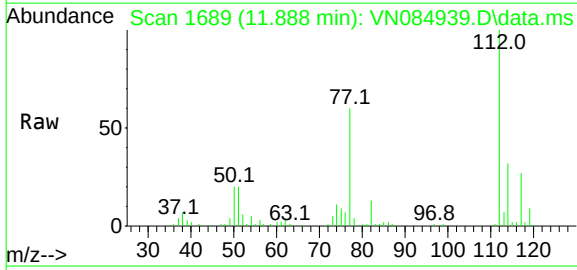
Tgt Ion:164 Resp: 31128
Ion Ratio Lower Upper
164 100
166 117.1 101.0 151.4
129 93.4 80.8 121.2
131 97.5 78.1 117.1





#65
Chlorobenzene
Concen: 20.161 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

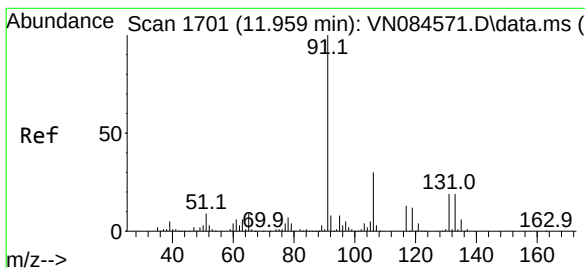
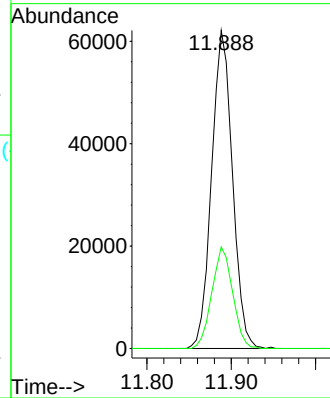
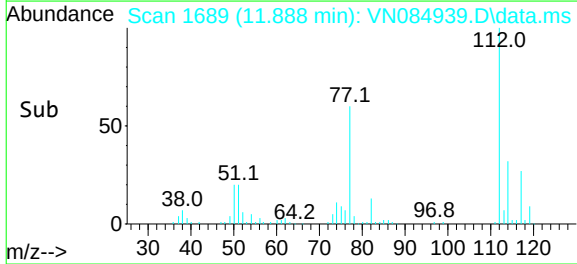
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion:112 Resp: 106734
Ion Ratio Lower Upper
112 100
114 31.9 27.0 40.6

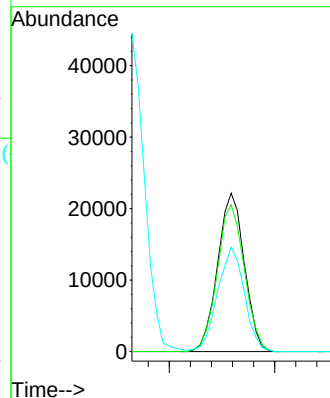
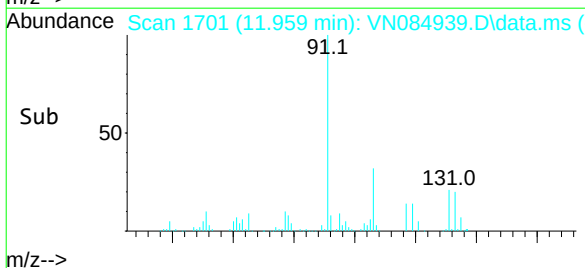
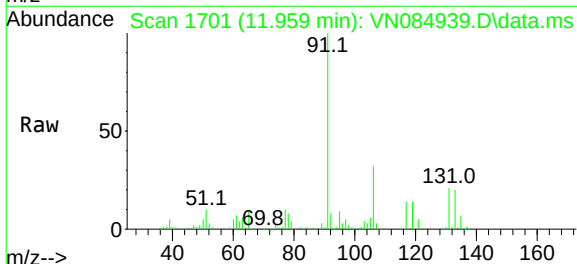
Manual Integrations
APPROVED

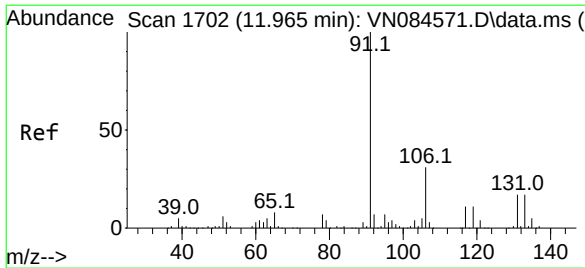
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 21.175 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:131 Resp: 38992
Ion Ratio Lower Upper
131 100
133 94.1 47.9 143.7
119 65.9 32.8 98.3





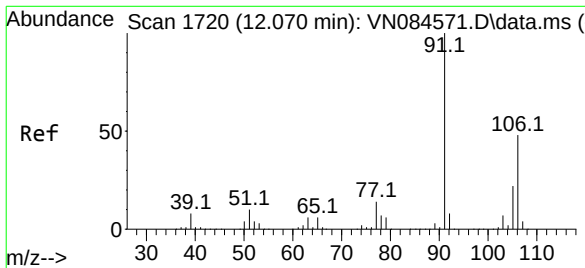
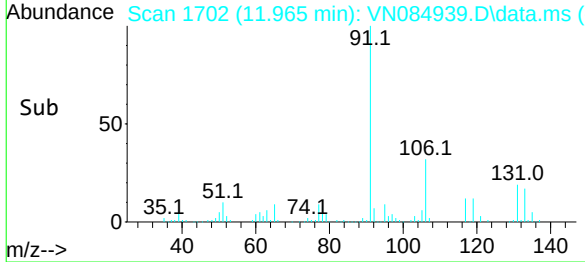
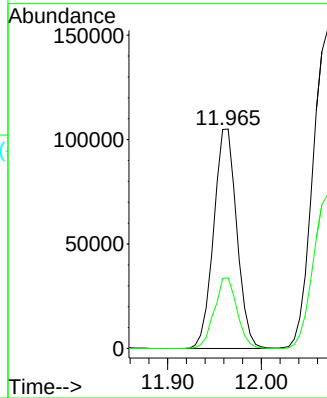
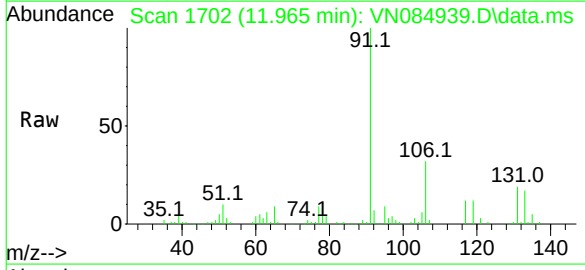
#67
Ethyl Benzene
Concen: 20.407 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 91 Resp: 180334
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7

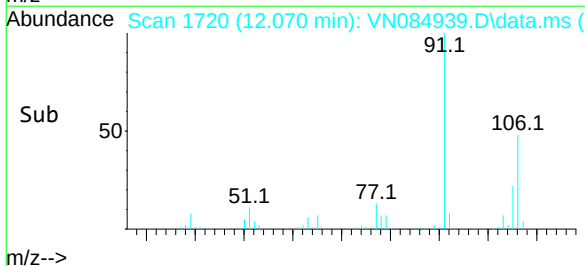
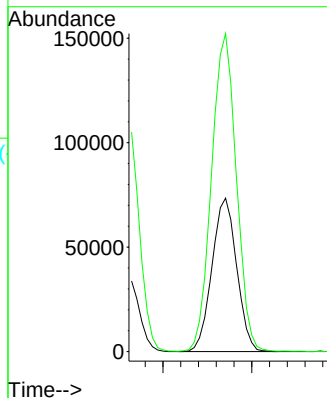
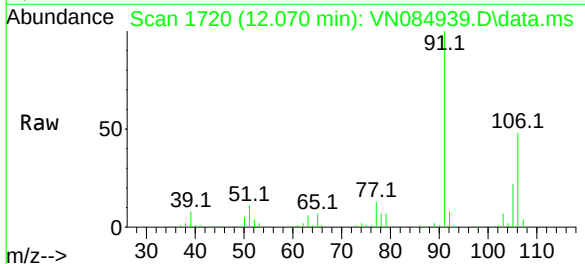
Manual Integrations
APPROVED

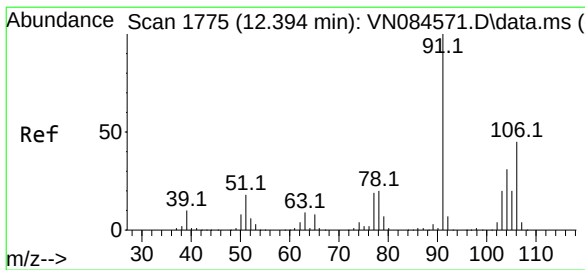
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#68
m/p-Xylenes
Concen: 42.361 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:106 Resp: 141718
Ion Ratio Lower Upper
106 100
91 208.4 167.1 250.7





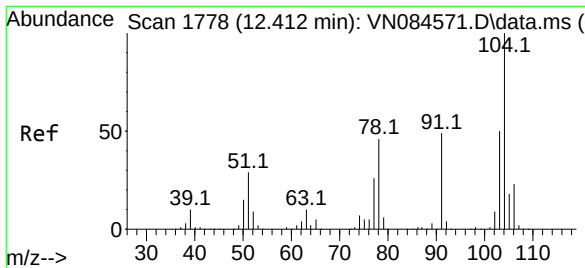
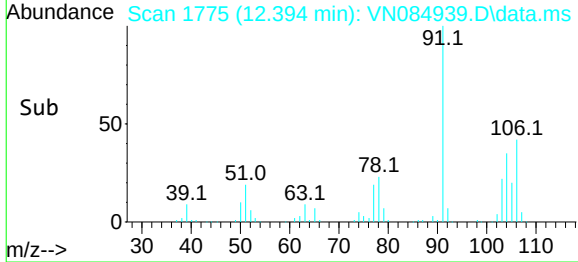
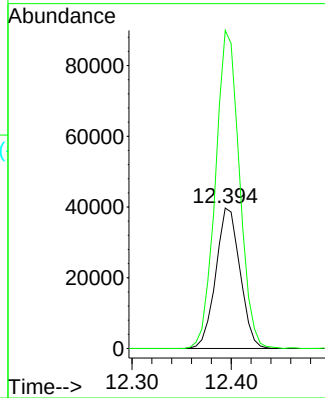
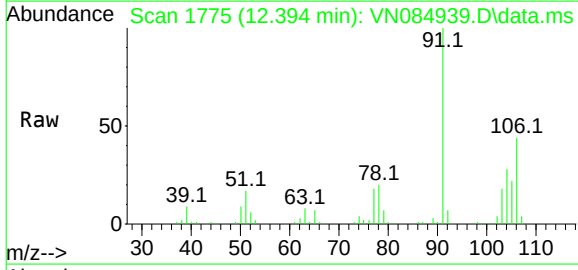
#69
o-Xylene
Concen: 21.522 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:106 Resp: 67356
Ion Ratio Lower Upper
106 100
91 224.2 110.2 330.6

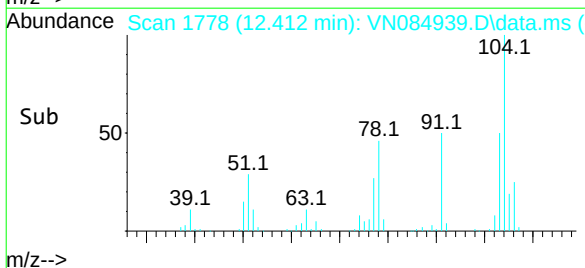
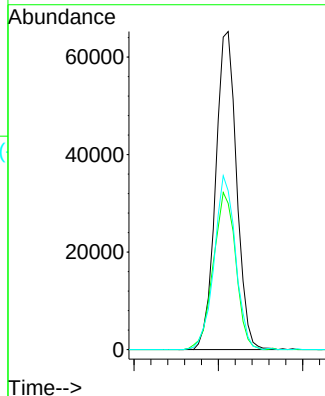
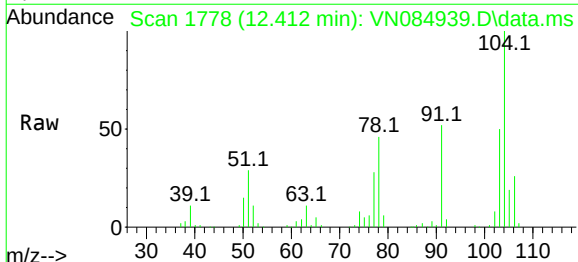
Manual Integrations
APPROVED

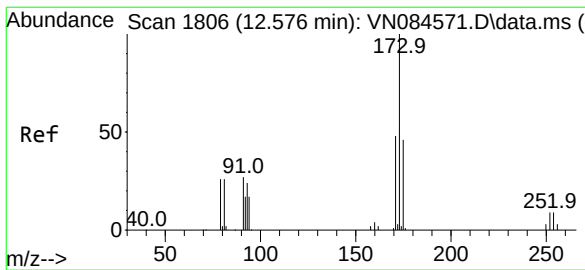
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#70
Styrene
Concen: 20.664 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:104 Resp: 112813
Ion Ratio Lower Upper
104 100
78 52.8 42.7 64.1
103 55.8 43.6 65.4





#71

Bromoform

Concen: 21.111 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

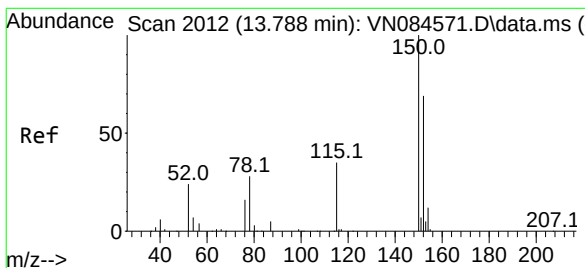
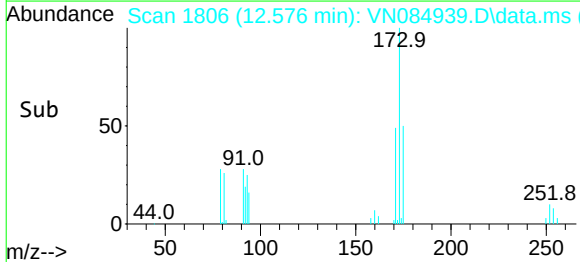
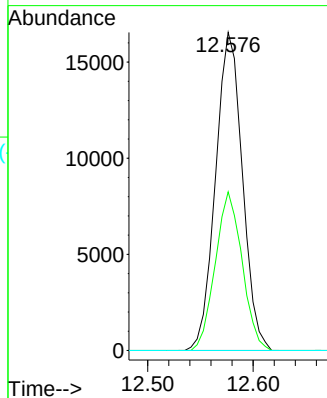
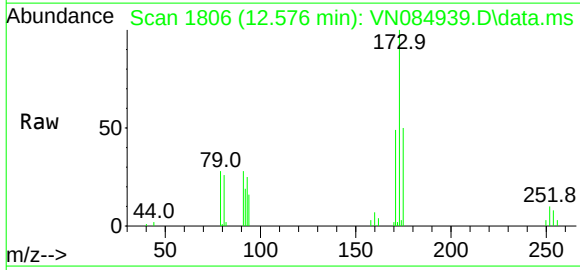
Tgt Ion:	173	Resp:	29251
Ion Ratio	Lower	Upper	
173	100		
175	49.8	23.5	70.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

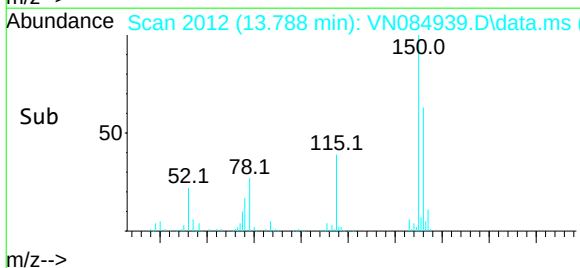
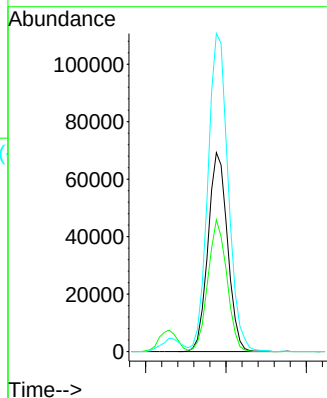
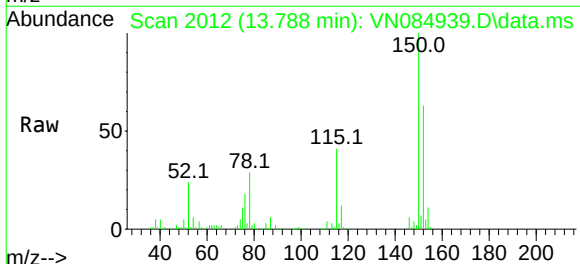
RT: 13.788 min Scan# 2012

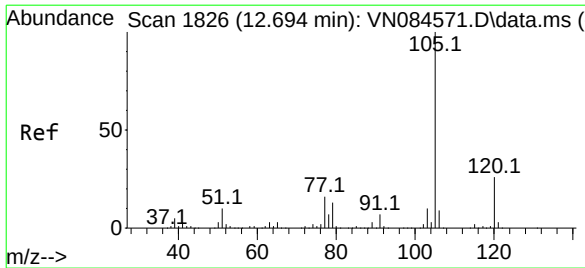
Delta R.T. 0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Tgt Ion:	152	Resp:	116732
Ion Ratio	Lower	Upper	
152	100		
115	64.0	31.3	93.9
150	166.2	0.0	349.8





#73

Isopropylbenzene

Concen: 20.804 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion:105 Resp: 170186

Ion Ratio Lower Upper

105 100

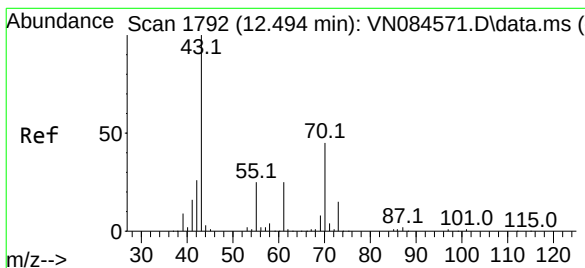
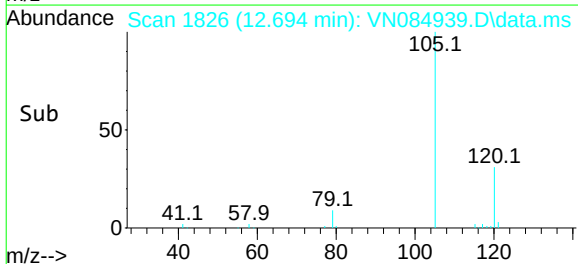
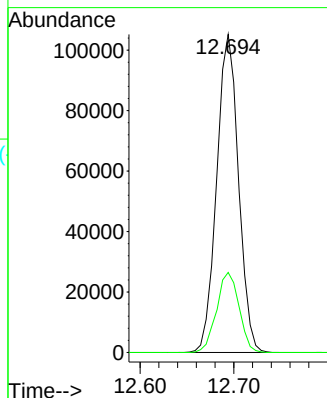
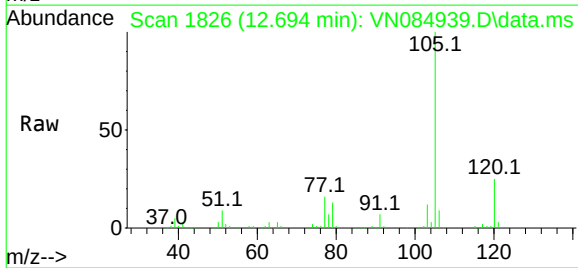
120 25.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#74

N-ethyl acetate

Concen: 22.402 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Tgt Ion: 43 Resp: 77995

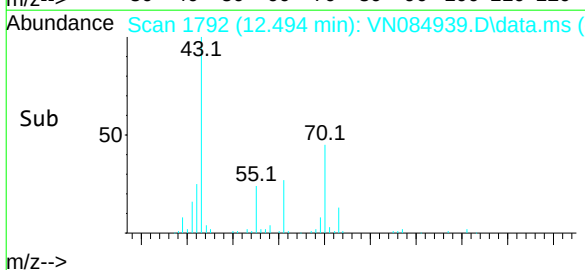
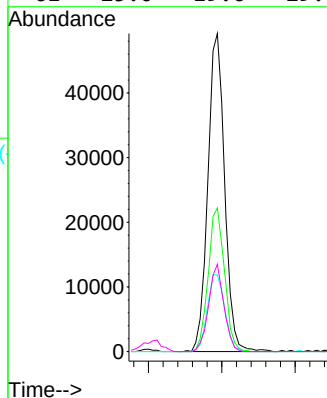
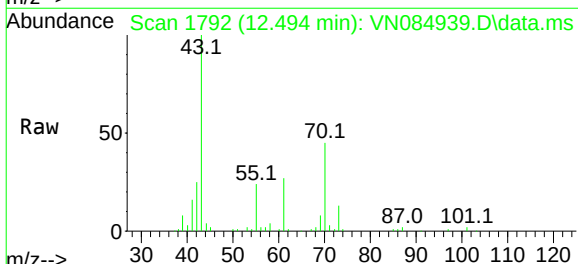
Ion Ratio Lower Upper

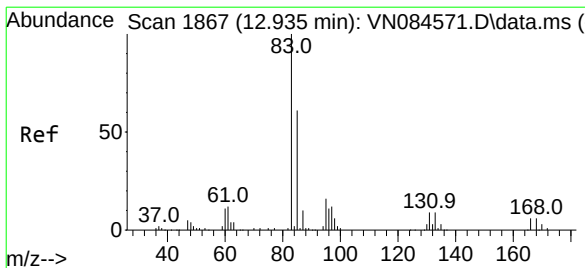
43 100

70 43.9 34.4 51.6

55 25.1 19.6 29.4

61 25.0 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.892 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

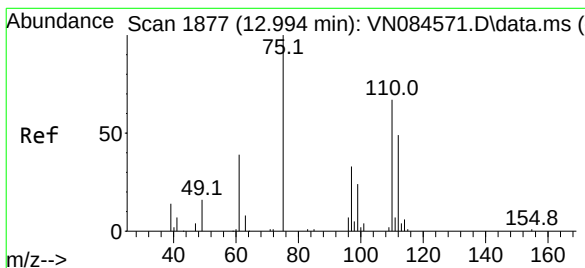
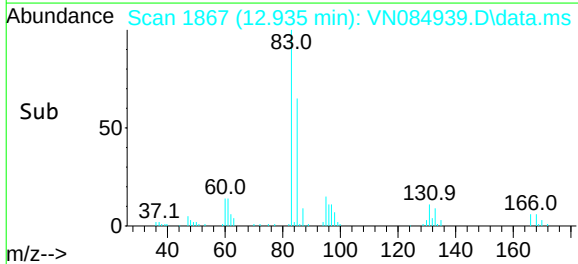
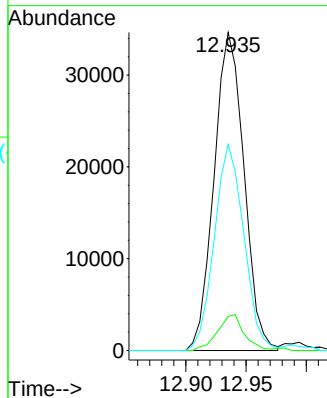
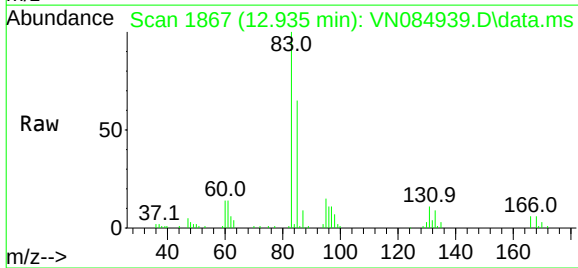
Tgt Ion:	83	Resp:	59775
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	64.0	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#76

1,2,3-Trichloropropane

Concen: 20.946 ug/l m

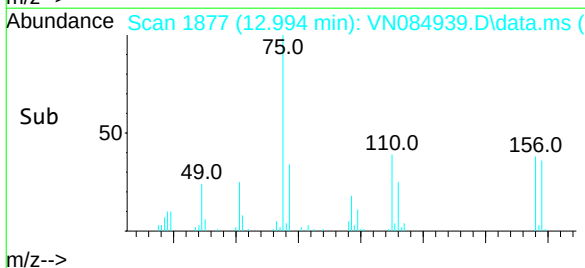
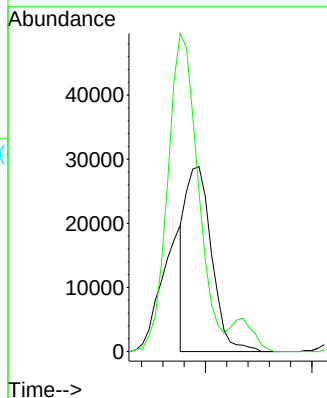
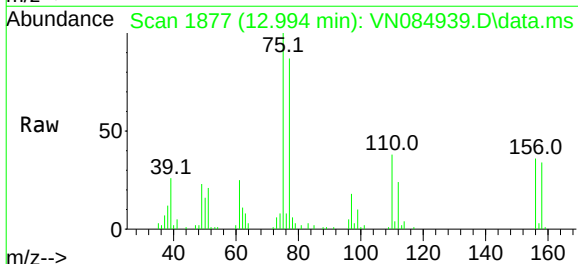
RT: 12.994 min Scan# 1877

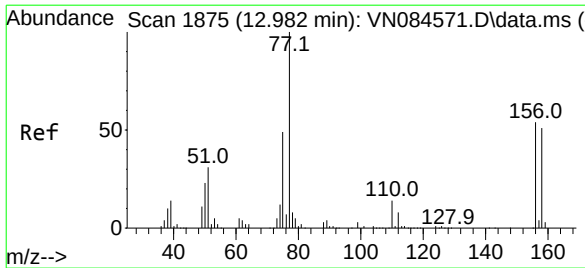
Delta R.T. 0.006 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

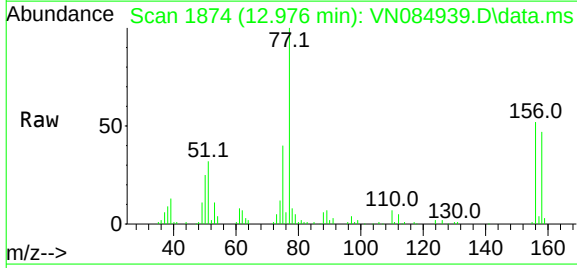
Tgt Ion:	75	Resp:	48875
Ion Ratio	Lower	Upper	
75	100		
77	201.2	96.9	290.7





#77
Bromobenzene
Concen: 19.793 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

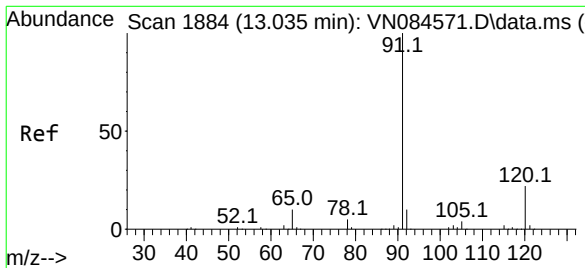
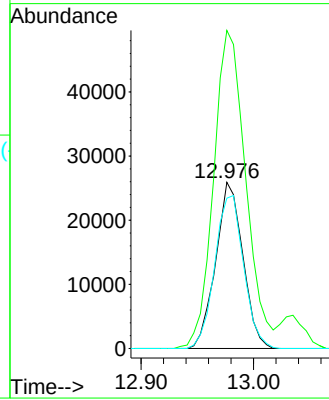
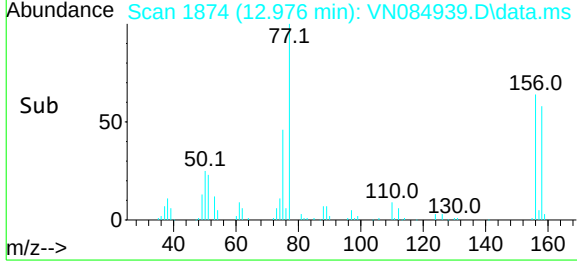
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 156 Resp: 43527
Ion Ratio Lower Upper
156 100
77 226.0 115.1 345.3
158 97.6 48.9 146.8

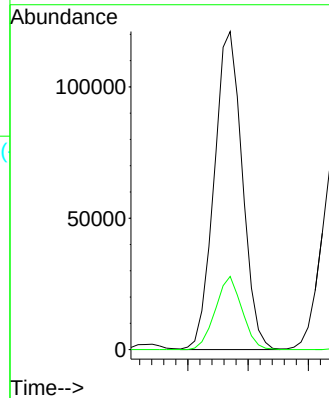
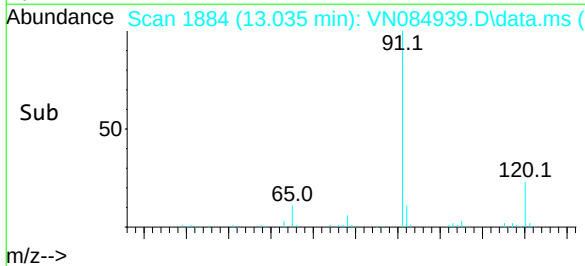
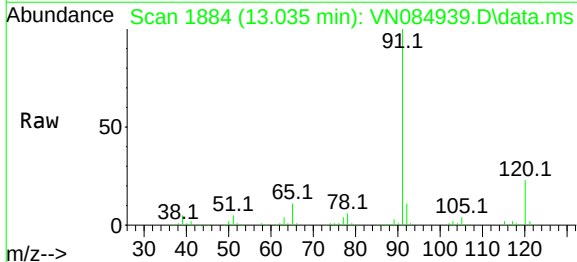
Manual Integrations
APPROVED

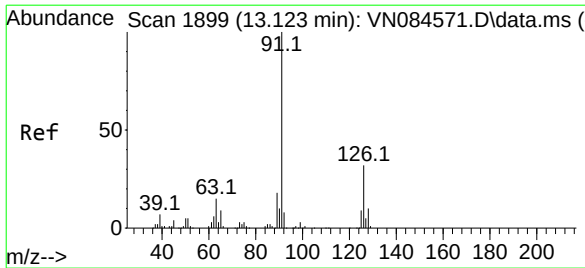
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#78
n-propylbenzene
Concen: 20.472 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 91 Resp: 196247
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





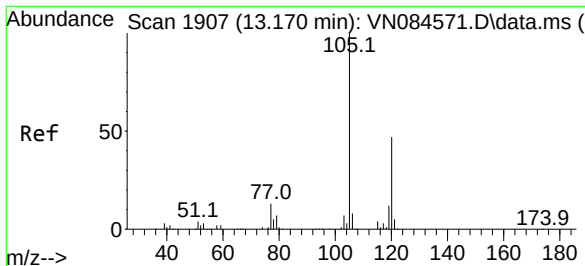
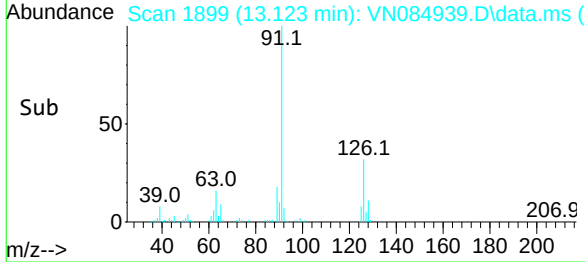
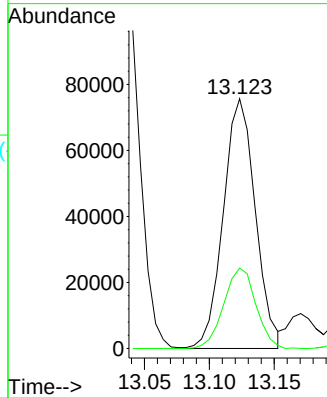
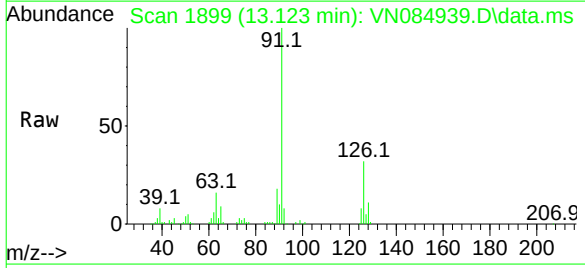
#79
2-Chlorotoluene
Concen: 20.788 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion: 91 Resp: 130207
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1

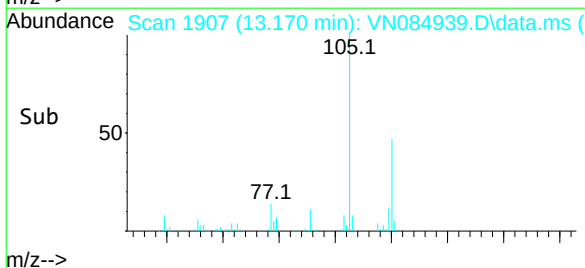
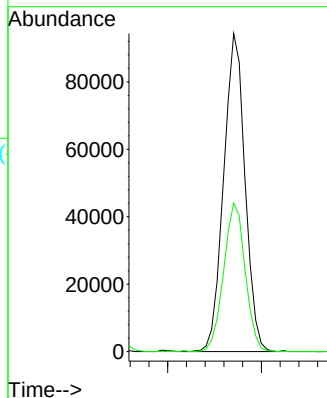
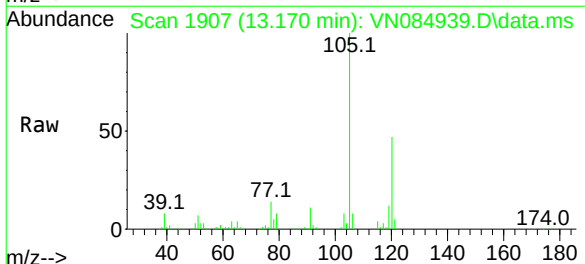
Manual Integrations
APPROVED

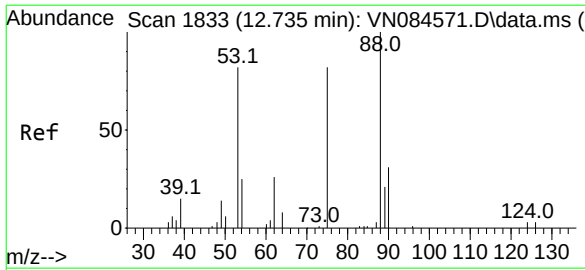
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 21.974 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

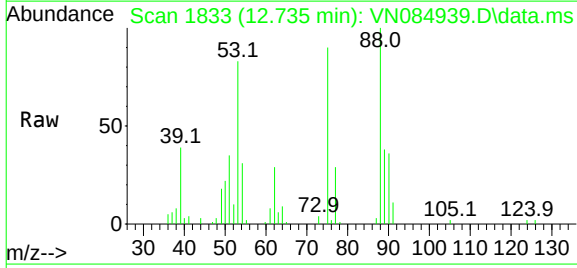
Tgt Ion:105 Resp: 148984
Ion Ratio Lower Upper
105 100
120 47.1 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 20.301 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

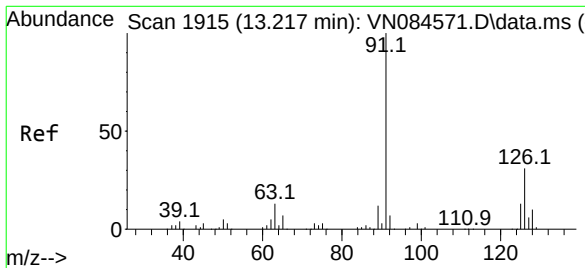
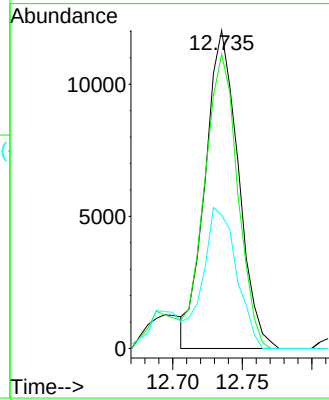
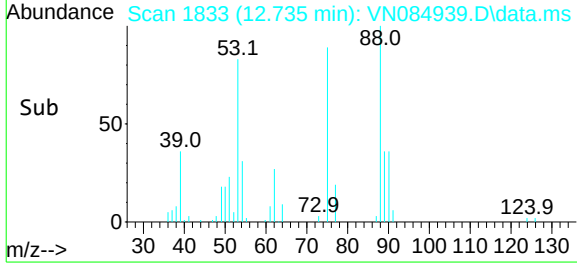
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01



Tgt Ion: 75 Resp: 19967
Ion Ratio Lower Upper
75 100
53 92.3 78.0 117.0
89 45.0 35.5 53.3

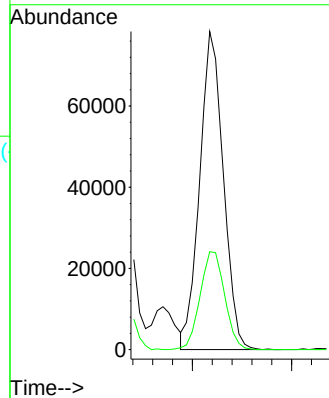
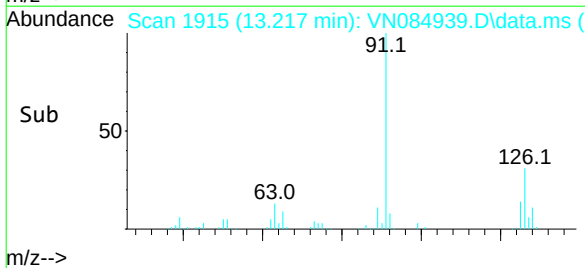
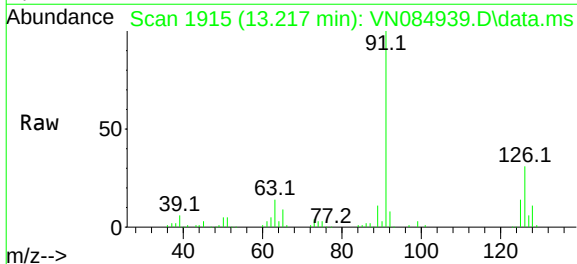
Manual Integrations
APPROVED

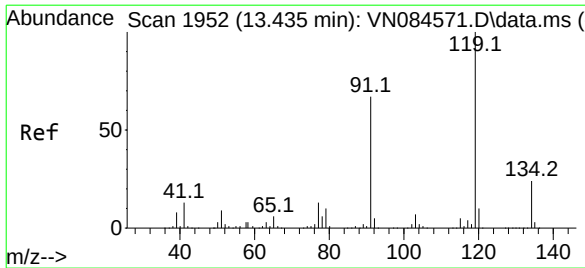
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#82
4-Chlorotoluene
Concen: 19.637 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion: 91 Resp: 129440
Ion Ratio Lower Upper
91 100
126 32.0 15.7 47.1





#83
tert-Butylbenzene
Concen: 22.088 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

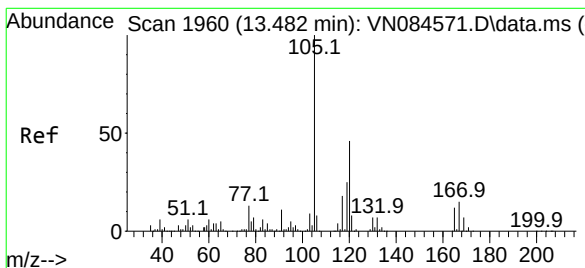
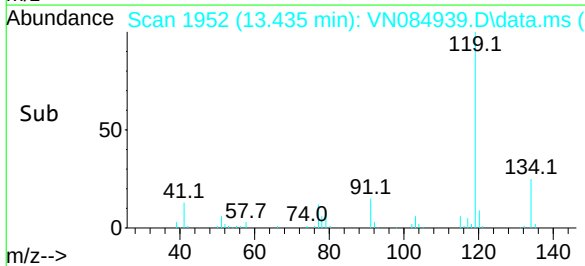
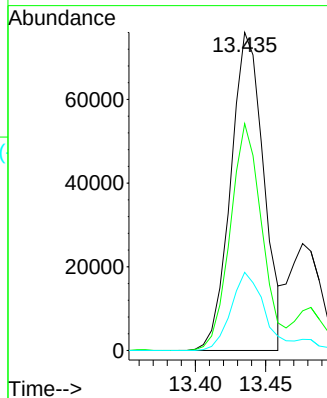
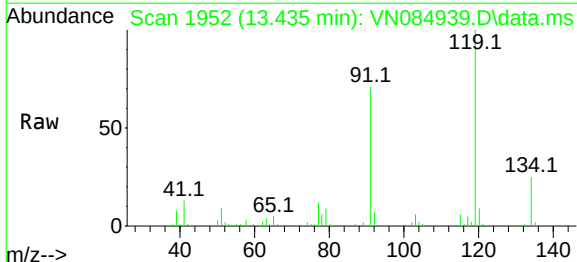
ClientSampleId :

VN1119WBSD01

Tgt Ion:119 Resp: 123942
Ion Ratio Lower Upper
119 100
91 69.0 34.1 102.3
134 27.2 12.8 38.4

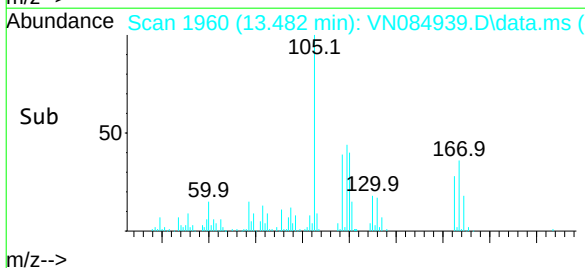
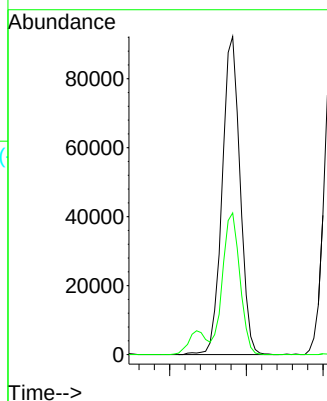
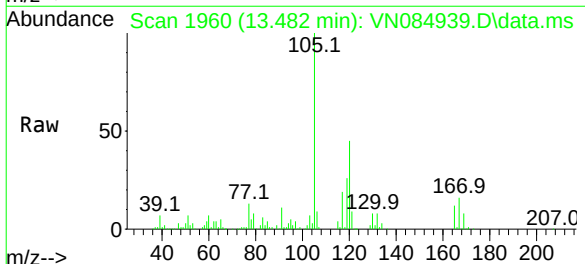
Manual Integrations
APPROVED

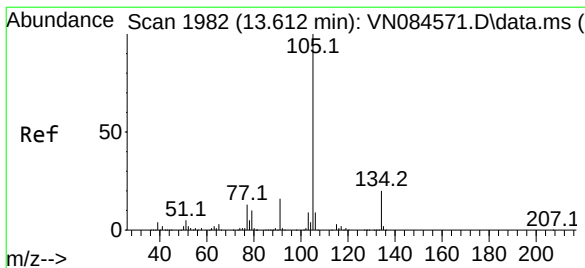
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 21.351 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:105 Resp: 149408
Ion Ratio Lower Upper
105 100
120 43.2 22.3 66.8





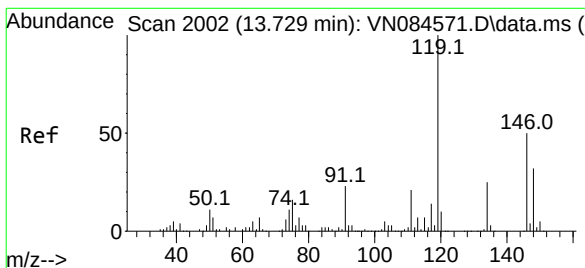
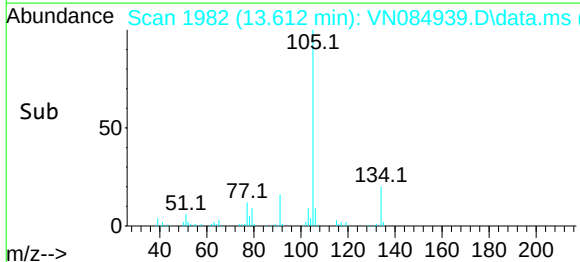
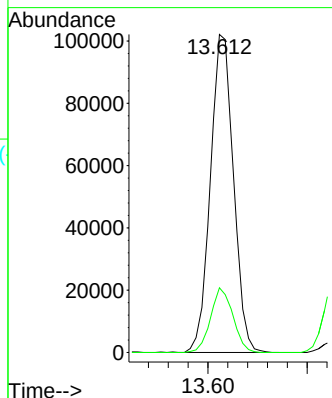
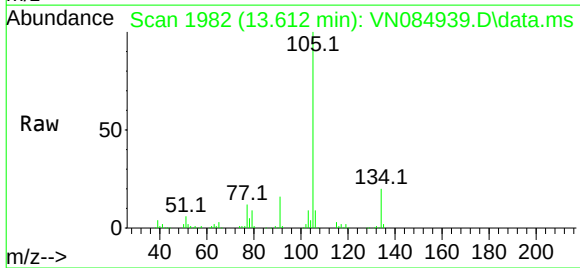
#85
sec-Butylbenzene
Concen: 20.821 ug/l
RT: 13.612 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:105 Resp: 165036
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.4

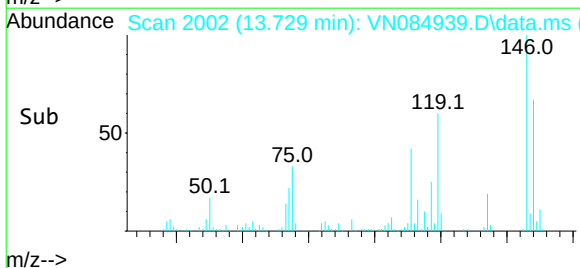
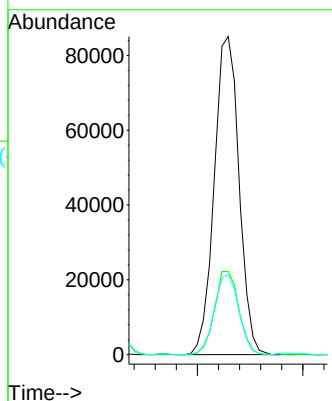
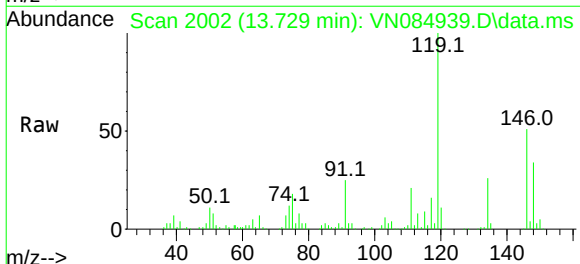
Manual Integrations
APPROVED

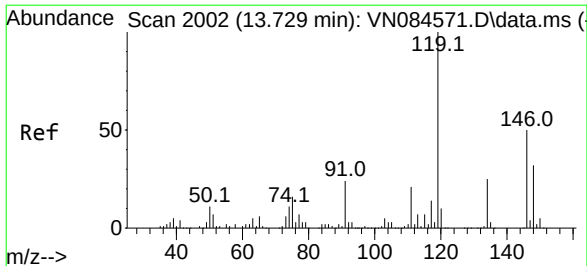
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#86
p-Isopropyltoluene
Concen: 21.324 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:119 Resp: 138617
Ion Ratio Lower Upper
119 100
134 25.7 12.6 37.8
91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.417 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

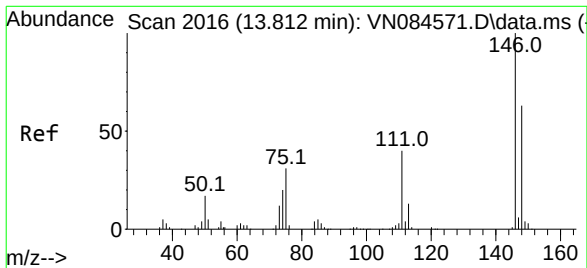
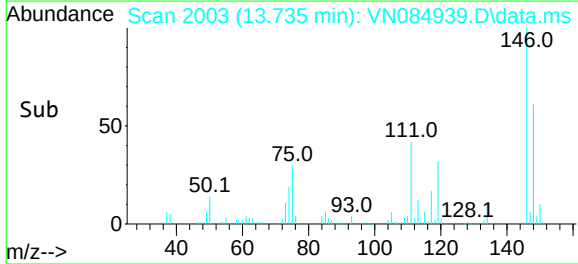
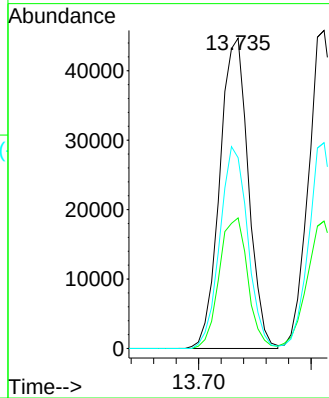
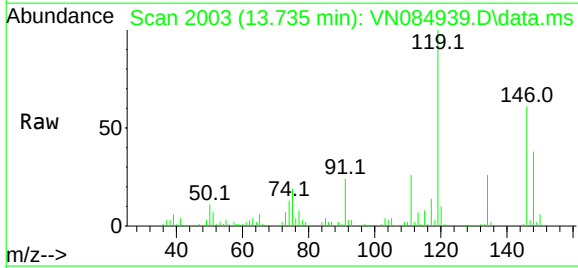
Tgt Ion:	146	Resp:	79039
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.8	65.3
148	63.4	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#88

1,4-Dichlorobenzene

Concen: 19.226 ug/l

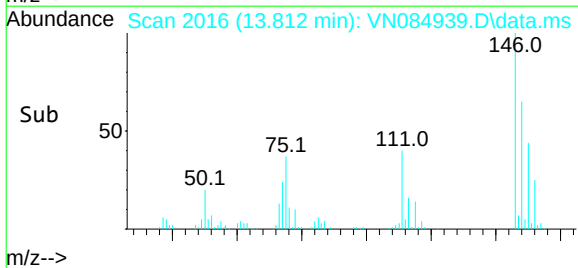
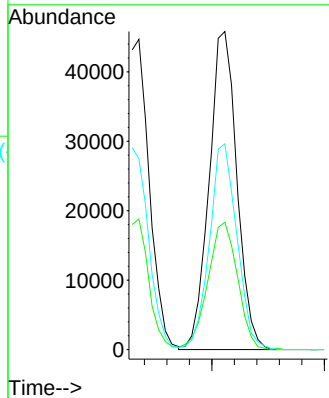
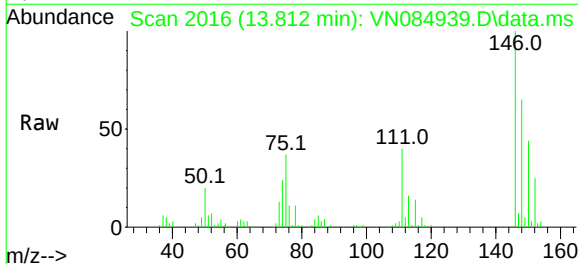
RT: 13.812 min Scan# 2016

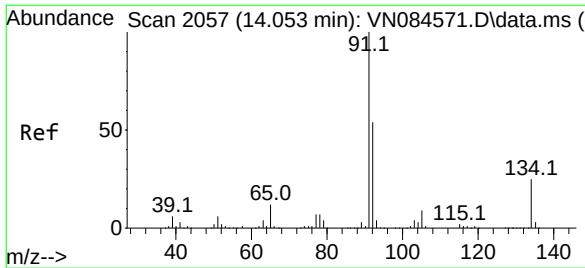
Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Tgt Ion:	146	Resp:	78432
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.2	63.6
148	64.2	31.9	95.9





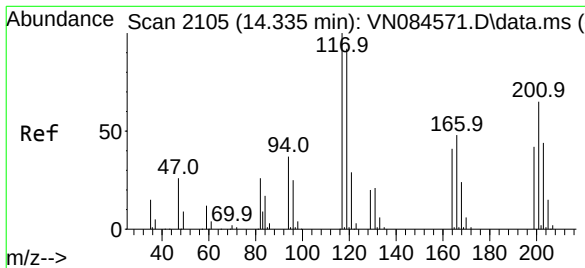
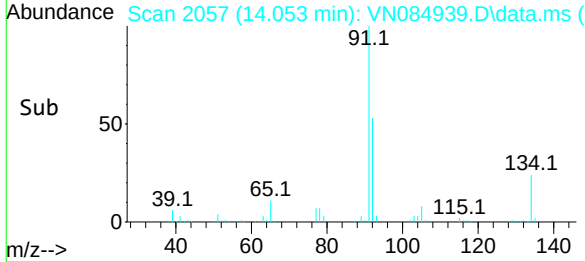
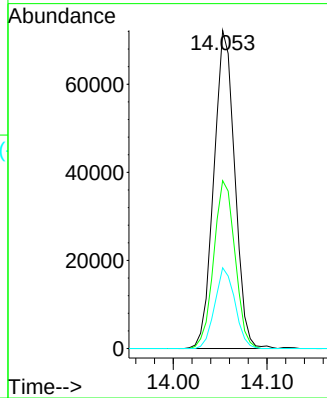
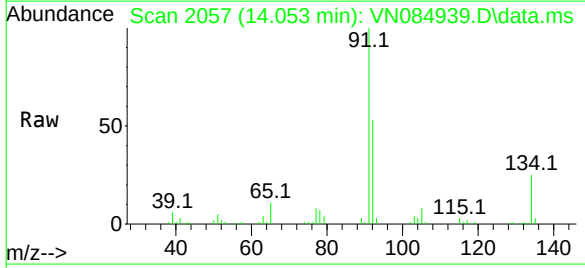
#89
n-Butylbenzene
Concen: 18.428 ug/l
RT: 14.053 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBSD01

Tgt Ion:	91	Resp:	112053
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.7
134	24.5	12.3	36.9

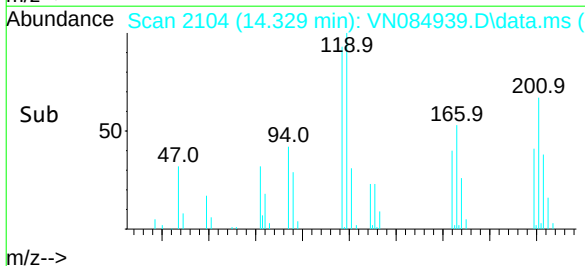
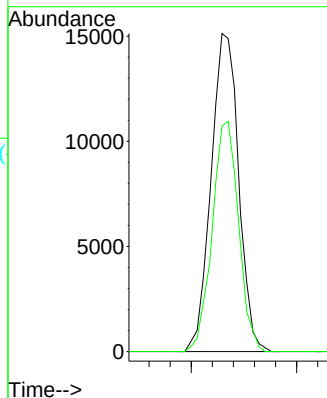
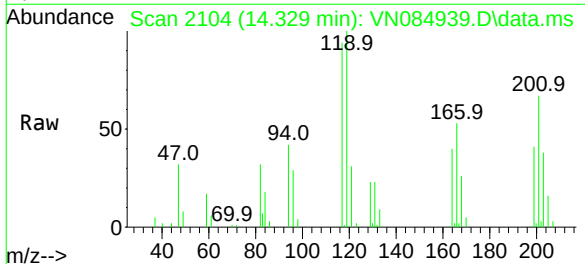
Manual Integrations
APPROVED

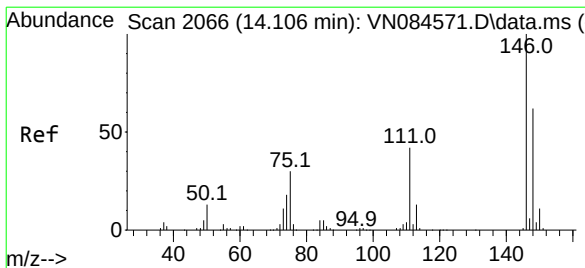
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#90
Hexachloroethane
Concen: 18.951 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN084939.D
Acq: 19 Nov 2024 12:04

Tgt Ion:	117	Resp:	27473
Ion	Ratio	Lower	Upper
117	100		
201	69.1	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 19.754 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

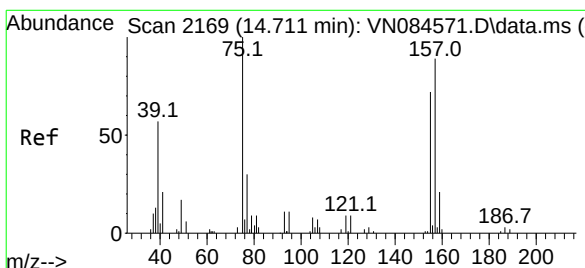
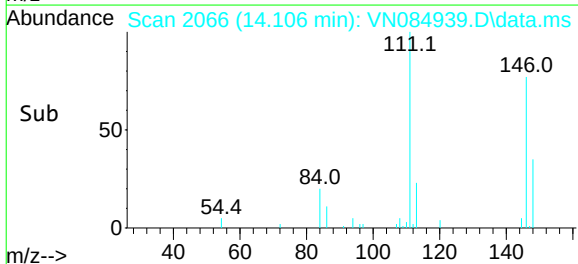
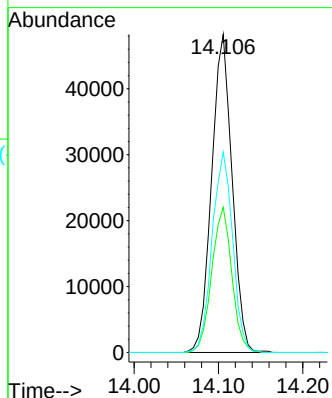
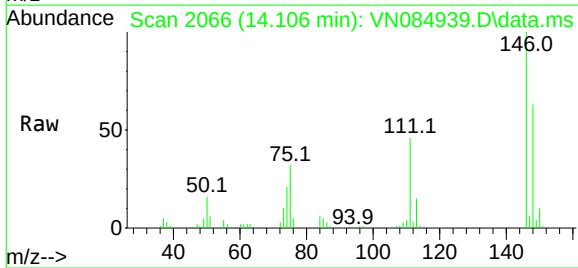
Tgt Ion:	146	Resp:	81469
Ion Ratio	Lower	Upper	
146	100		
111	44.7	22.0	66.0
148	63.1	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.788 ug/l

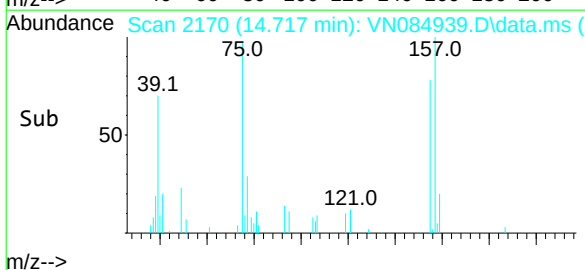
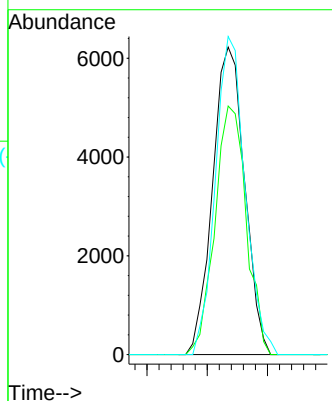
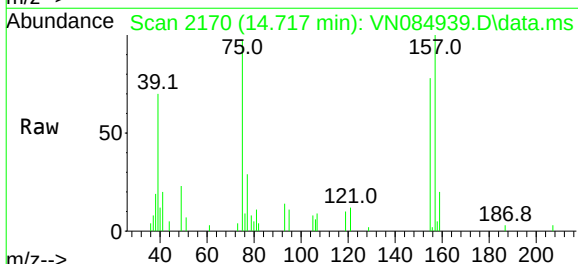
RT: 14.717 min Scan# 2170

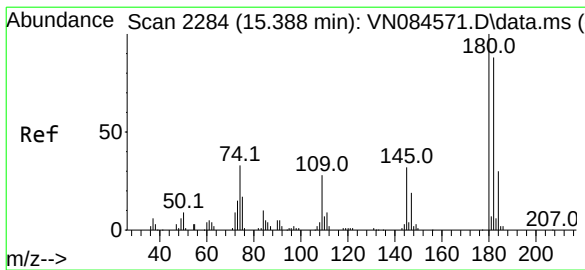
Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Tgt Ion:	75	Resp:	11499
Ion Ratio	Lower	Upper	
75	100		
155	79.1	38.1	114.5
157	96.0	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 16.895 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

Tgt Ion:180 Resp: 38137

Ion Ratio Lower Upper

180 100

182 93.2 47.0 141.0

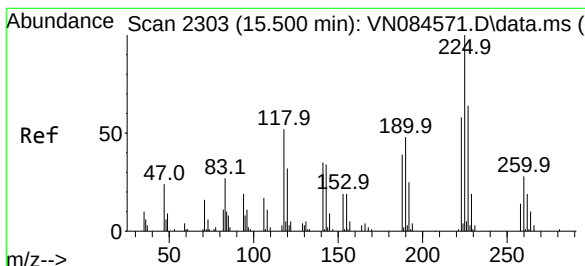
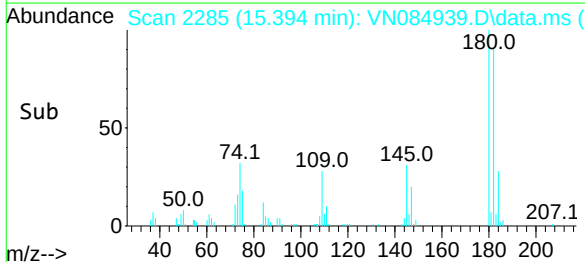
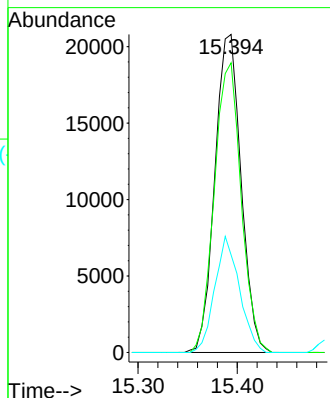
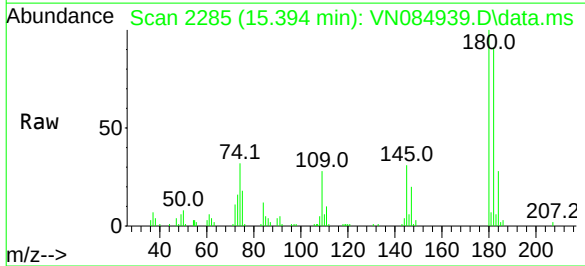
145 34.4 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#94

Hexachlorobutadiene

Concen: 18.140 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

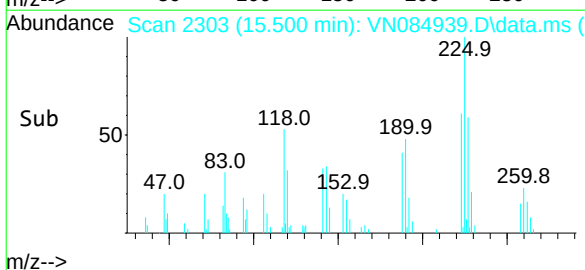
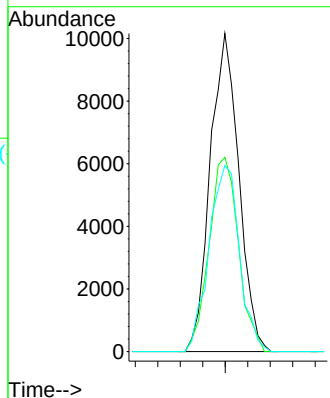
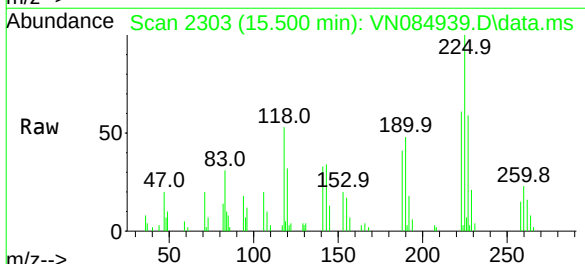
Tgt Ion:225 Resp: 17982

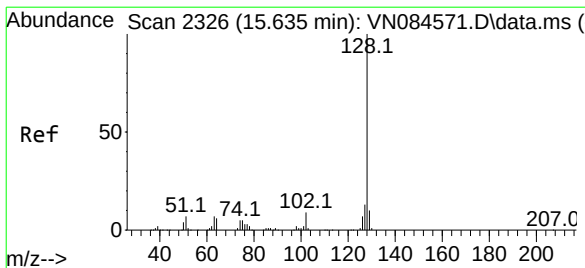
Ion Ratio Lower Upper

225 100

223 62.5 32.4 97.2

227 62.2 32.4 97.0





#95

Naphthalene

Concen: 18.124 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBSD01

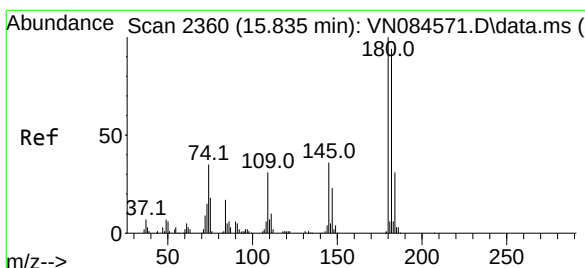
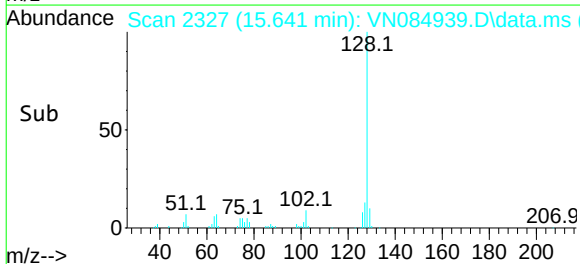
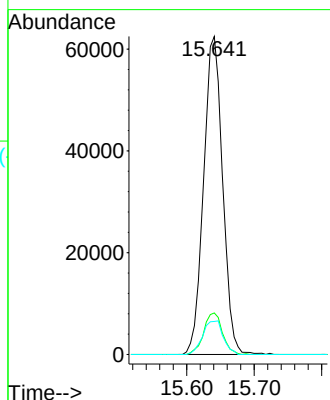
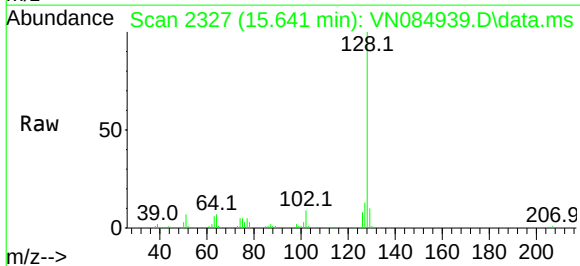
Tgt Ion:	128	Resp:	122455
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.4	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.333 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084939.D

Acq: 19 Nov 2024 12:04

Tgt Ion:	180	Resp:	37980
Ion Ratio	Lower	Upper	
180	100		
182	98.3	48.2	144.6
145	35.2	17.3	51.9

