

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084938.D
 Acq On : 19 Nov 2024 11:40
 Operator : JC\MD
 Sample : VN1119WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Quant Time: Nov 20 00:22:40 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	167364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131165	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	115474	47.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.540%
35) Dibromofluoromethane	8.165	113	90242	46.484	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	10.565	98	325946	45.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.847	95	128829	48.202	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.118	85	36130	18.779	ug/l	98
3) Chloromethane	2.360	50	41727	16.810	ug/l	97
4) Vinyl Chloride	2.512	62	40114	19.385	ug/l	99
5) Bromomethane	2.901	94	20586	18.776	ug/l	98
6) Chloroethane	3.065	64	26614	19.938	ug/l	96
7) Trichlorofluoromethane	3.465	101	67356	19.759	ug/l	98
8) Diethyl Ether	3.954	74	25064	20.843	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.348	101	39960	20.746	ug/l	96
10) Methyl Iodide	4.571	142	51608	20.047	ug/l	99
11) Tert butyl alcohol	5.536	59	37827	118.551	ug/l	96
12) 1,1-Dichloroethene	4.324	96	36073	18.927	ug/l	93
13) Acrolein	4.171	56	39136	123.002	ug/l	96
14) Allyl chloride	5.012	41	60147	19.459	ug/l	94
15) Acrylonitrile	5.712	53	100056	108.319	ug/l	99
16) Acetone	4.430	43	81687	115.450	ug/l	99
17) Carbon Disulfide	4.695	76	95480	16.267	ug/l	98
18) Methyl Acetate	5.018	43	53894	18.624	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	122075	20.897	ug/l	98
20) Methylene Chloride	5.265	84	40989	19.279	ug/l	94
21) trans-1,2-Dichloroethene	5.771	96	37116	18.965	ug/l	90
22) Diisopropyl ether	6.665	45	130755	21.290	ug/l	97
23) Vinyl Acetate	6.595	43	447227	105.593	ug/l	99
24) 1,1-Dichloroethane	6.565	63	74117	20.100	ug/l #	96
25) 2-Butanone	7.483	43	131314	116.439	ug/l	96
26) 2,2-Dichloropropane	7.483	77	68443	21.326	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	44729	19.574	ug/l	98
28) Bromochloromethane	7.812	49	34242	23.308	ug/l	99
29) Tetrahydrofuran	7.836	42	79498	106.257	ug/l	94
30) Chloroform	7.959	83	77863	20.747	ug/l	99
31) Cyclohexane	8.253	56	63583	19.052	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	70342	20.592	ug/l	98
36) 1,1-Dichloropropene	8.365	75	51548	19.146	ug/l	98
37) Ethyl Acetate	7.559	43	51933	21.260	ug/l #	94
38) Carbon Tetrachloride	8.359	117	58554	19.457	ug/l	93
39) Methylcyclohexane	9.600	83	53483	19.526	ug/l	97
40) Benzene	8.600	78	166743	19.284	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
 Data File : VN084938.D
 Acq On : 19 Nov 2024 11:40
 Operator : JC\MD
 Sample : VN1119WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 20 00:22:40 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)
41) Methacrylonitrile	7.771	41	28323	21.561	ug/l	93
42) 1,2-Dichloroethane	8.665	62	59066	21.093	ug/l	100
43) Isopropyl Acetate	8.688	43	100867	21.807	ug/l	98
44) Trichloroethene	9.347	130	37236	18.673	ug/l	95
45) 1,2-Dichloropropane	9.618	63	40398	19.917	ug/l	93
46) Dibromomethane	9.706	93	28390	19.836	ug/l	96
47) Bromodichloromethane	9.883	83	60687	20.115	ug/l	99
48) Methyl methacrylate	9.683	41	40746	21.432	ug/l	98
49) 1,4-Dioxane	9.694	88	15027	446.038	ug/l #	80
51) 4-Methyl-2-Pentanone	10.441	43	266202	114.312	ug/l	100
52) Toluene	10.630	92	104204	20.606	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	58885	18.856	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	65422	19.793	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	39586	20.781	ug/l	96
56) Ethyl methacrylate	10.871	69	59364	21.545	ug/l	97
57) 1,3-Dichloropropane	11.159	76	67357	20.603	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	139905	108.511	ug/l	97
59) 2-Hexanone	11.194	43	199980	117.979	ug/l	100
60) Dibromochloromethane	11.359	129	43514	20.043	ug/l	95
61) 1,2-Dibromoethane	11.465	107	38886	19.935	ug/l	96
64) Tetrachloroethene	11.100	164	32191	19.153	ug/l	97
65) Chlorobenzene	11.888	112	107058	18.939	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	39898	20.291	ug/l	97
67) Ethyl Benzene	11.965	91	183422	19.439	ug/l	99
68) m/p-Xylenes	12.071	106	143310	40.117	ug/l	100
69) o-Xylene	12.400	106	68863	20.606	ug/l	99
70) Styrene	12.412	104	113129	19.406	ug/l	99
71) Bromoform	12.576	173	30101	20.345	ug/l #	100
73) Isopropylbenzene	12.694	105	173994	18.929	ug/l	100
74) N-ethyl acetate	12.494	43	74637	19.078	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	58779	19.158	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	49539m	18.894	ug/l	
77) Bromobenzene	12.976	156	43232	17.496	ug/l	97
78) n-propylbenzene	13.035	91	199093	18.484	ug/l	100
79) 2-Chlorotoluene	13.124	91	132044	18.762	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	148018	19.429	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19909	18.014	ug/l	99
82) 4-Chlorotoluene	13.218	91	129851	17.532	ug/l	98
83) tert-Butylbenzene	13.435	119	120889	19.173	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	149905	19.065	ug/l	98
85) sec-Butylbenzene	13.612	105	169384	19.019	ug/l	99
86) p-Isopropyltoluene	13.729	119	140547	19.242	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	80412	16.675	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	80399	17.455	ug/l	99
89) n-Butylbenzene	14.053	91	115610	16.921	ug/l	99
90) Hexachloroethane	14.335	117	27883	17.118	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	78540	16.949	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11687	18.803	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	38073	15.011	ug/l	100
94) Hexachlorobutadiene	15.494	225	17984	16.146	ug/l	99
95) Naphthalene	15.641	128	117873	15.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	36396	14.782	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111924\
Data File : VN084938.D
Acq On : 19 Nov 2024 11:40
Operator : JC\MD
Sample : VN1119WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

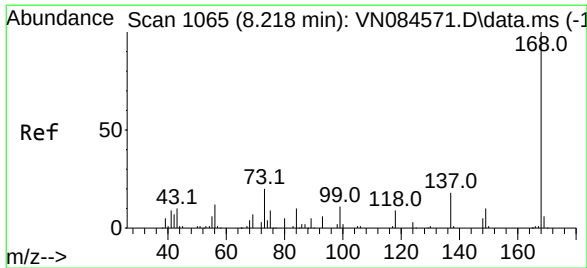
Manual Integrations
APPROVED

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

Quant Time: Nov 20 00:22:40 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

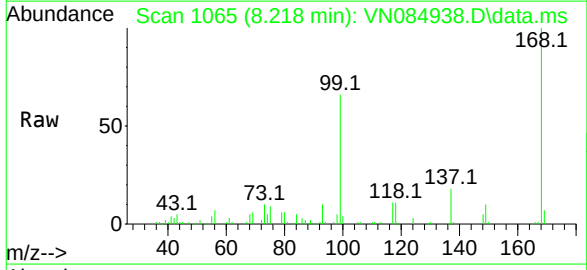
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

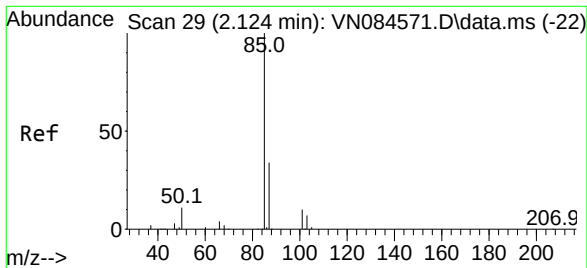
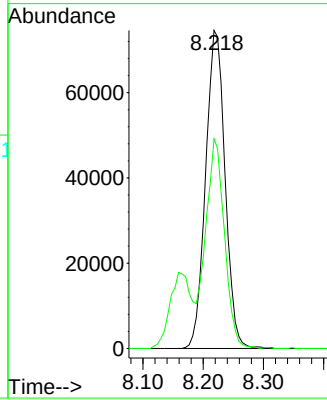
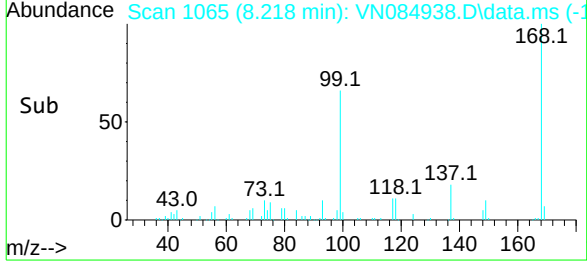
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion:168 Resp: 167364
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2

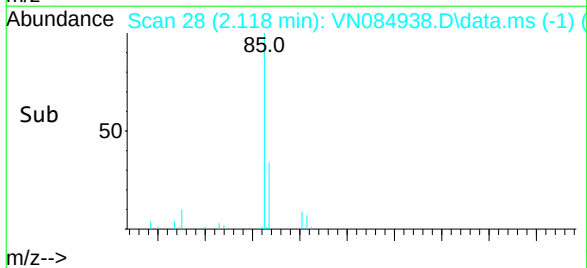
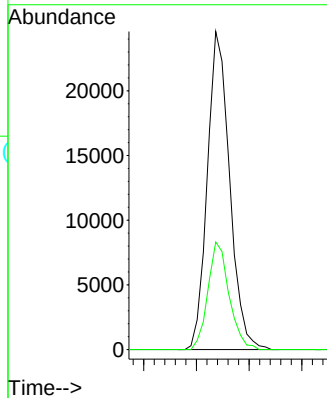
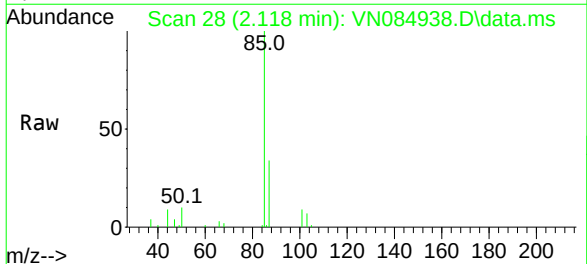
Manual Integrations
APPROVED

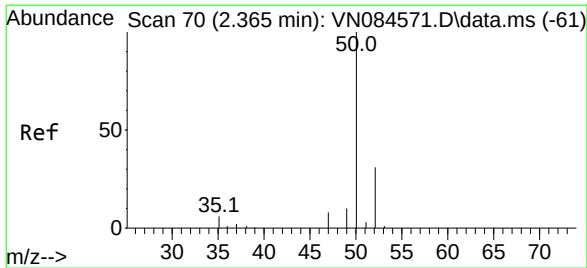
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#2
Dichlorodifluoromethane
Concen: 18.779 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

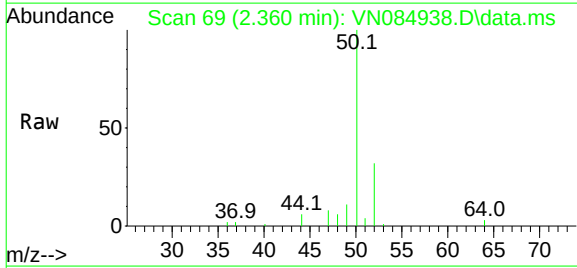
Tgt Ion: 85 Resp: 36130
Ion Ratio Lower Upper
85 100
87 33.8 17.6 52.9





#3
Chloromethane
Concen: 16.810 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

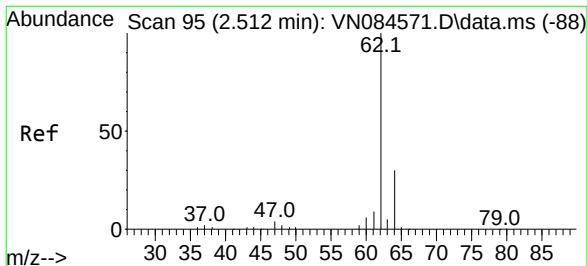
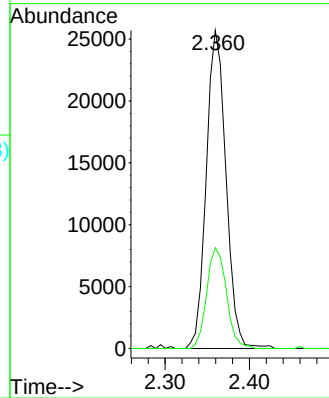
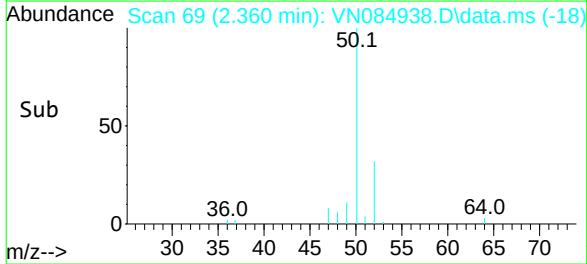
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 50 Resp: 41727
Ion Ratio Lower Upper
50 100
52 31.7 26.8 40.2

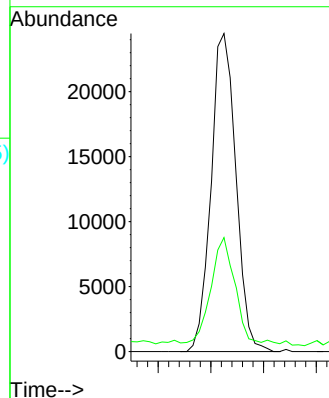
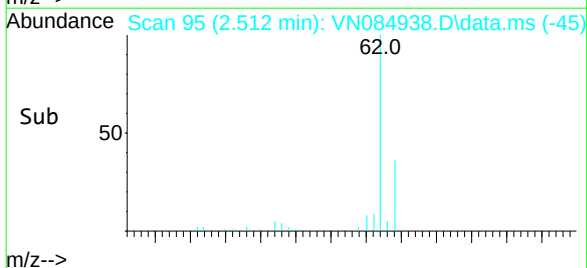
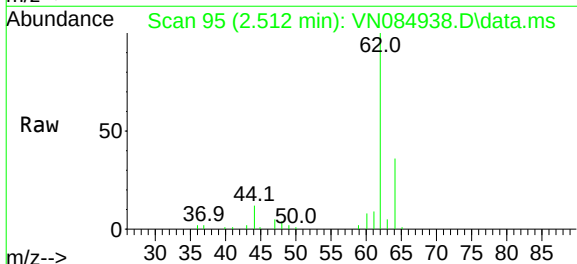
Manual Integrations
APPROVED

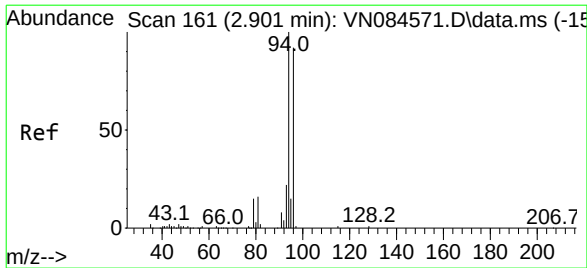
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#4
Vinyl Chloride
Concen: 19.385 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

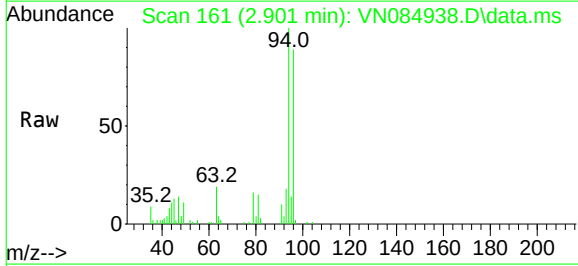
Tgt Ion: 62 Resp: 40114
Ion Ratio Lower Upper
62 100
64 33.4 26.2 39.4





#5
Bromomethane
Concen: 18.776 ug/l
RT: 2.901 min Scan# 161
Delta R.T. -0.052 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

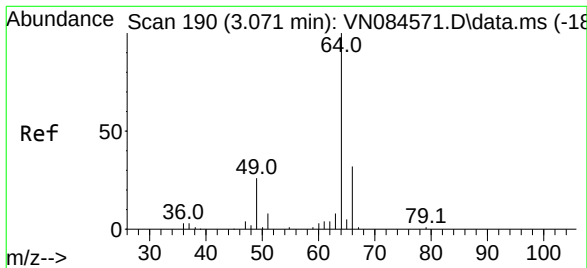
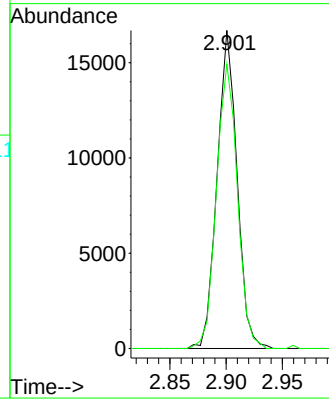
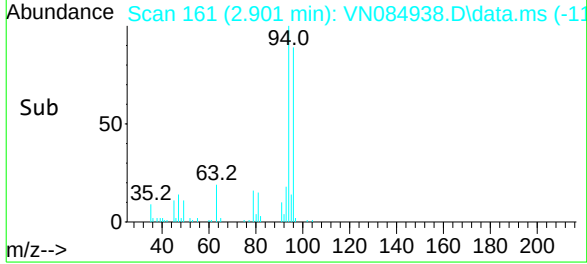
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 94 Resp: 20586
Ion Ratio Lower Upper
94 100
96 89.4 72.9 109.3

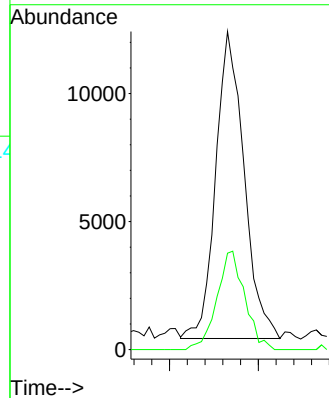
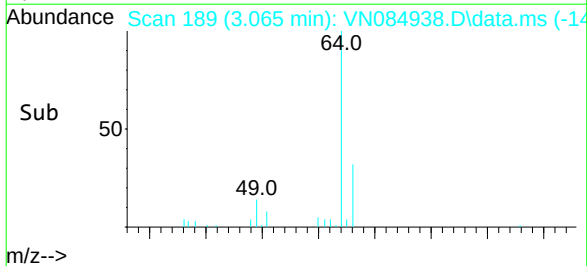
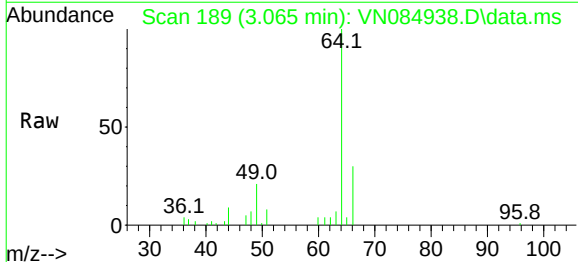
Manual Integrations
APPROVED

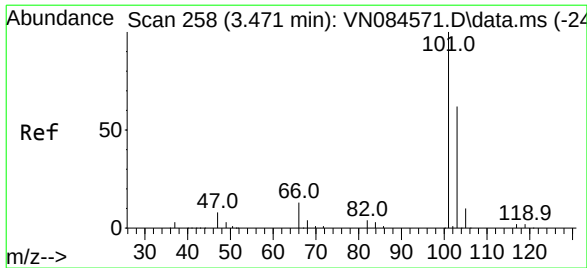
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#6
Chloroethane
Concen: 19.938 ug/l
RT: 3.065 min Scan# 189
Delta R.T. -0.053 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 64 Resp: 26614
Ion Ratio Lower Upper
64 100
66 31.4 23.5 35.3





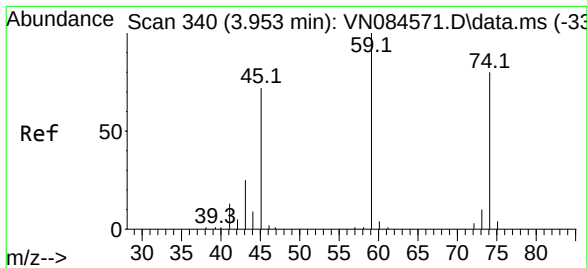
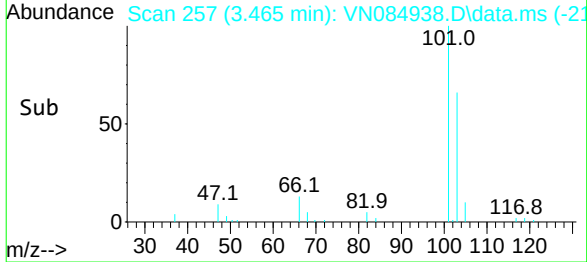
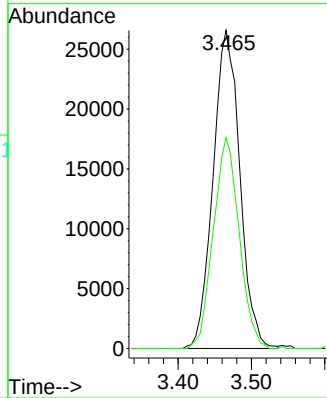
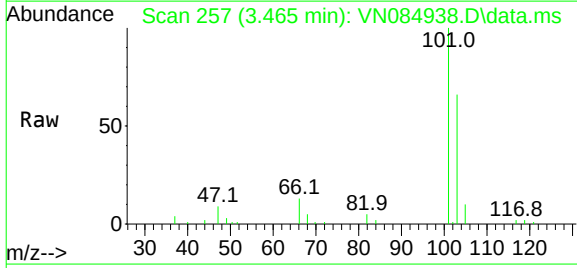
#7
 Trichlorofluoromethane
 Concen: 19.759 ug/l
 RT: 3.465 min Scan# 258
 Delta R.T. -0.030 min
 Lab File: VN084938.D
 Acq: 19 Nov 2024 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tgt Ion:101 Resp: 67356
 Ion Ratio Lower Upper
 101 100
 103 66.3 51.8 77.6

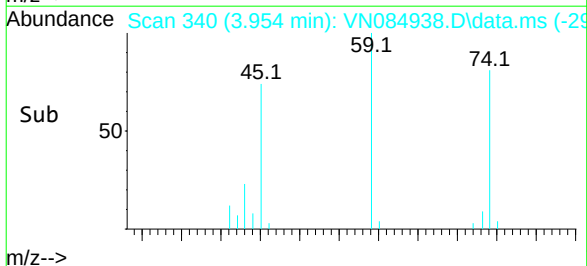
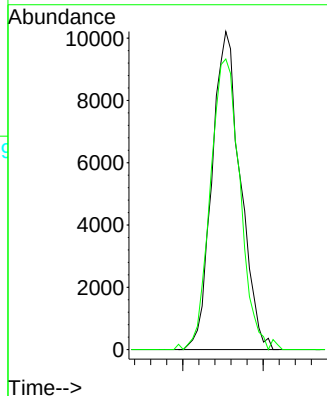
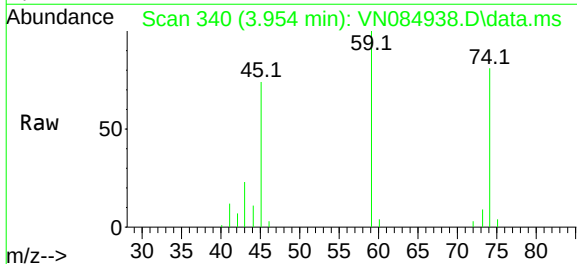
Manual Integrations
 APPROVED

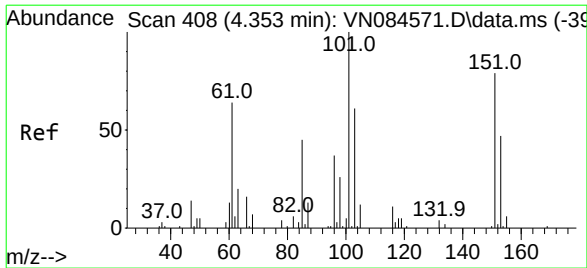
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#8
 Diethyl Ether
 Concen: 20.843 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. -0.005 min
 Lab File: VN084938.D
 Acq: 19 Nov 2024 11:40

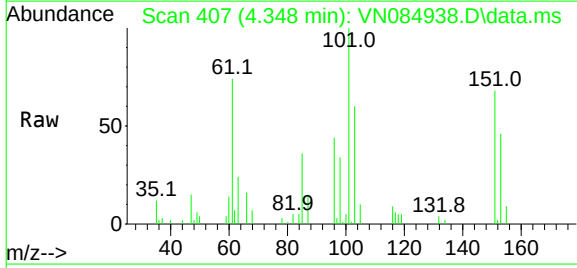
Tgt Ion: 74 Resp: 25064
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.7 143.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.746 ug/l
RT: 4.348 min Scan# 408
Delta R.T. -0.023 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

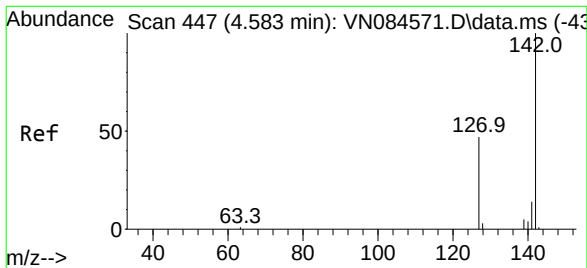
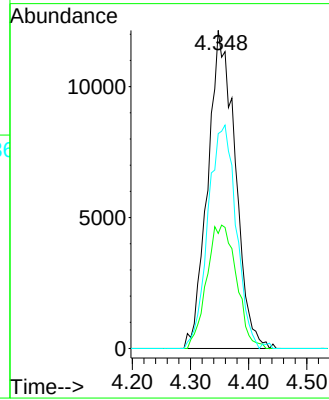
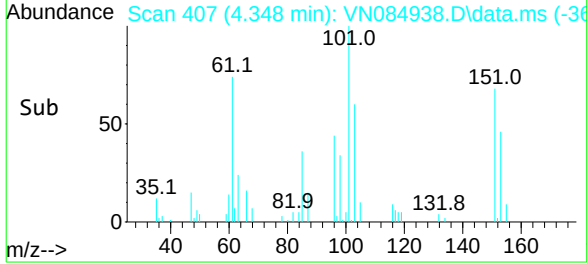
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion:101 Resp: 39960
Ion Ratio Lower Upper
101 100
85 41.9 36.2 54.4
151 71.6 59.3 88.9

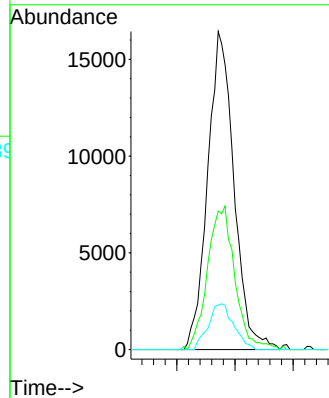
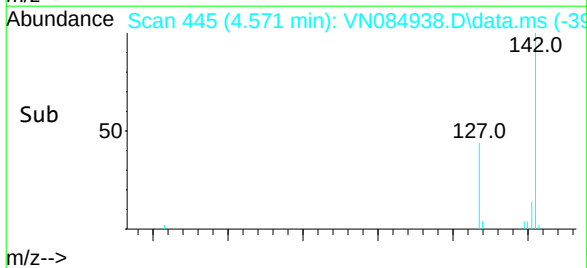
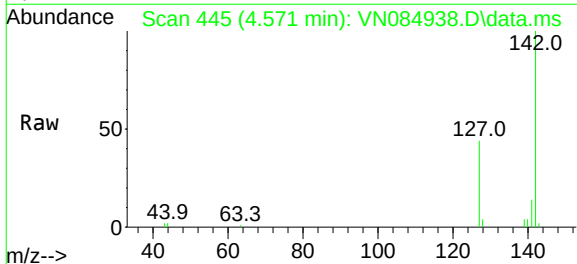
Manual Integrations
APPROVED

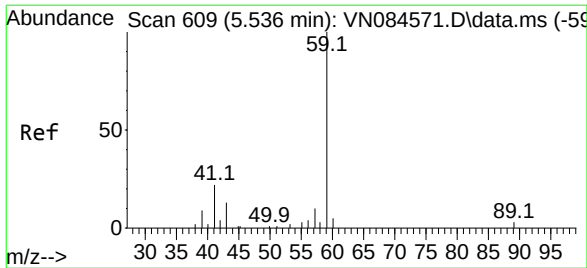
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#10
Methyl Iodide
Concen: 20.047 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.023 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:142 Resp: 51608
Ion Ratio Lower Upper
142 100
127 43.6 35.3 52.9
141 14.0 11.0 16.6





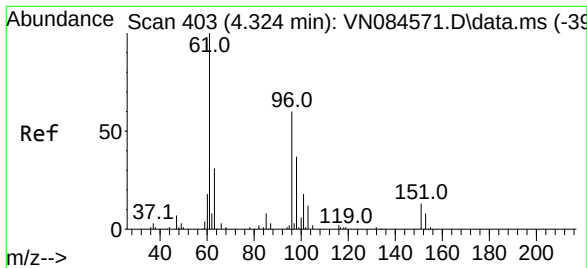
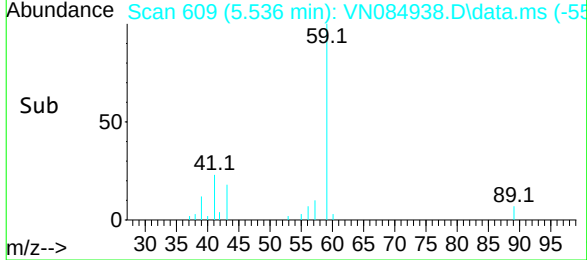
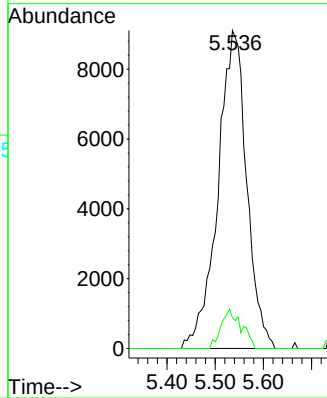
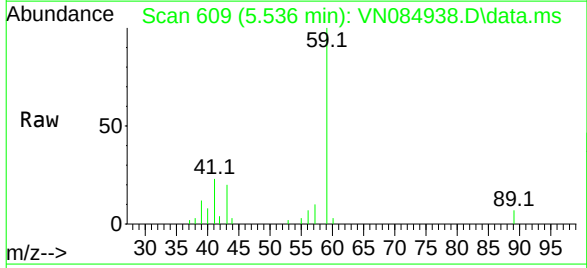
#11
Tert butyl alcohol
Concen: 118.551 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 59 Resp: 37827
Ion Ratio Lower Upper
59 100
57 8.6 8.2 12.2

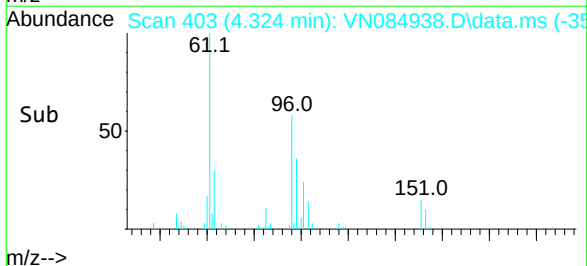
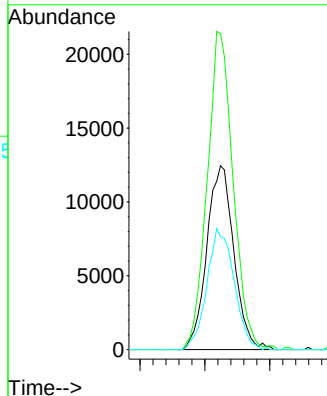
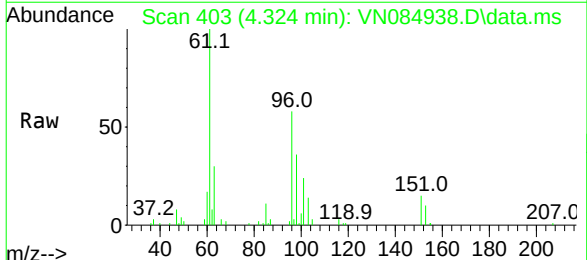
Manual Integrations
APPROVED

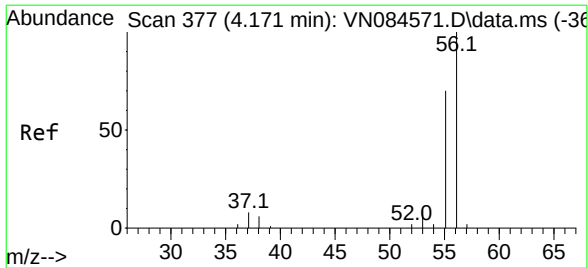
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#12
1,1-Dichloroethene
Concen: 18.927 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 96 Resp: 36073
Ion Ratio Lower Upper
96 100
61 171.8 128.6 192.8
98 61.4 51.7 77.5





#13

Acrolein

Concen: 123.002 ug/l

RT: 4.171 min Scan# 37

Delta R.T. -0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tgt Ion: 56 Resp: 39136

Ion Ratio Lower Upper

56 100

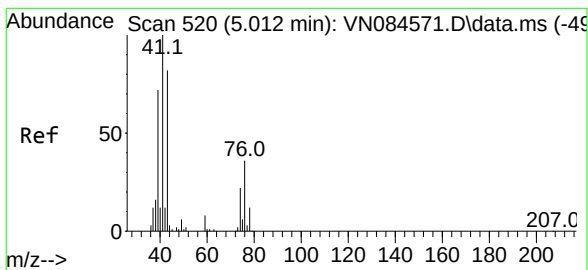
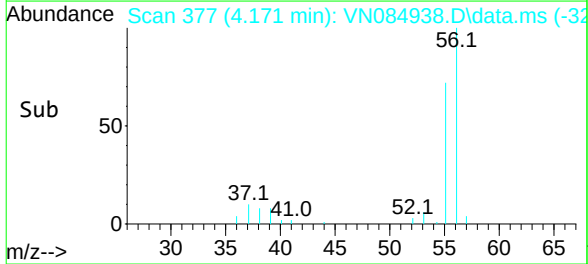
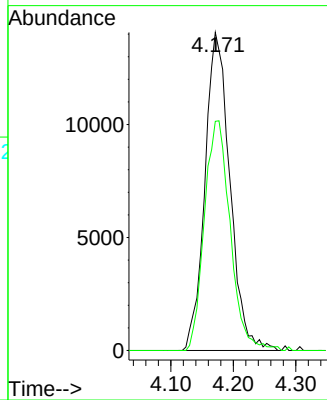
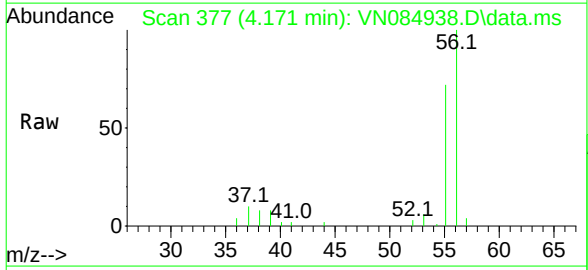
55 74.7 57.2 85.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#14

Allyl chloride

Concen: 19.459 ug/l

RT: 5.012 min Scan# 520

Delta R.T. -0.012 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

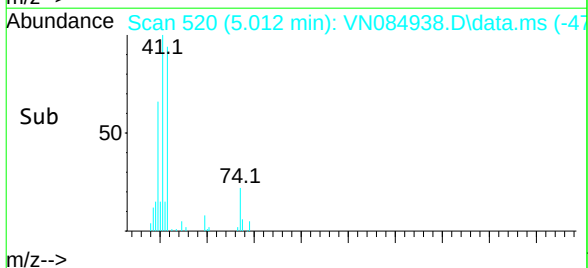
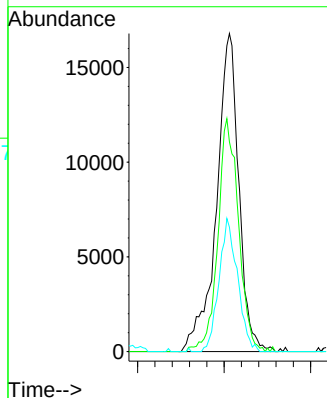
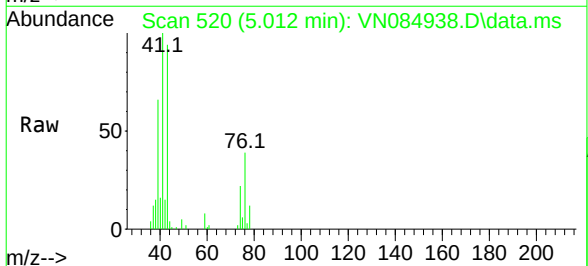
Tgt Ion: 41 Resp: 60147

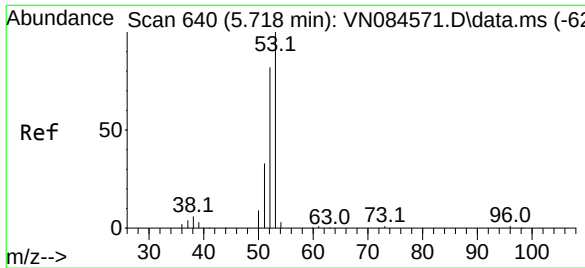
Ion Ratio Lower Upper

41 100

39 67.5 59.0 88.6

76 34.9 29.8 44.6





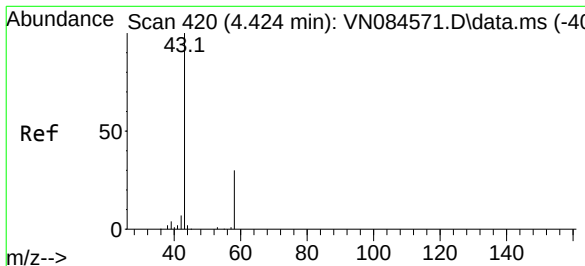
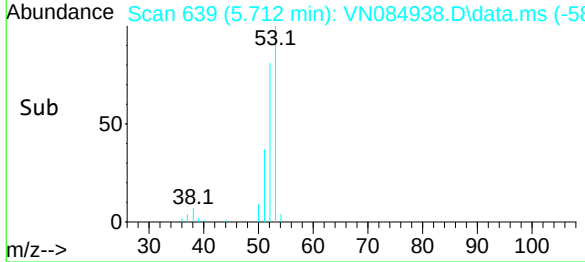
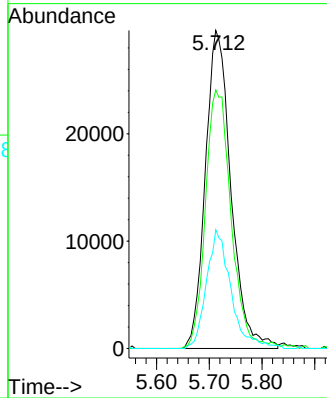
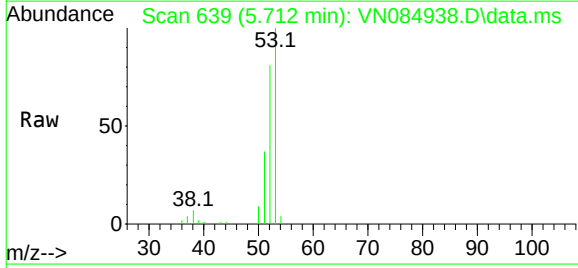
#15
Acrylonitrile
Concen: 108.319 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 53 Resp: 100056
Ion Ratio Lower Upper
53 100
52 81.6 66.2 99.4
51 35.6 28.8 43.2

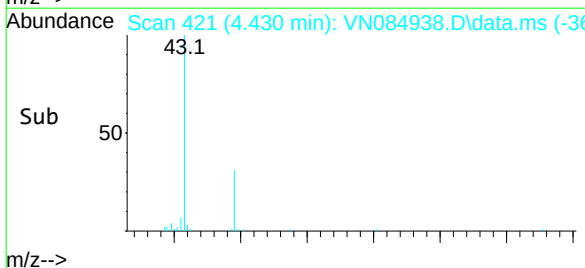
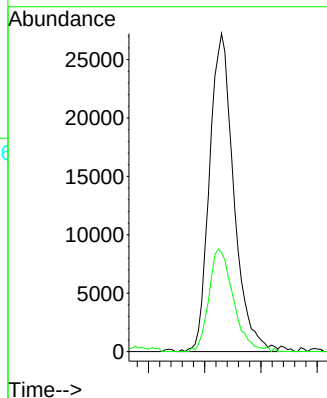
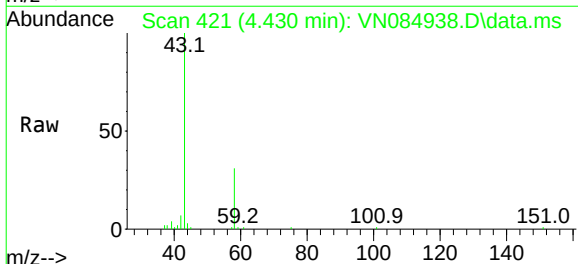
Manual Integrations
APPROVED

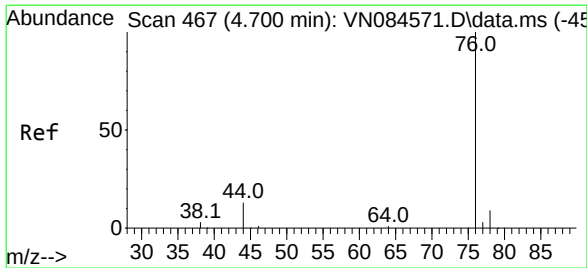
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#16
Acetone
Concen: 115.450 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

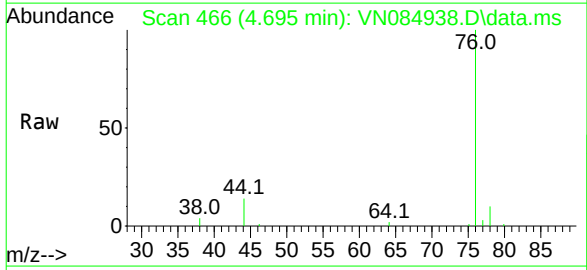
Tgt Ion: 43 Resp: 81687
Ion Ratio Lower Upper
43 100
58 31.2 24.4 36.6





#17
Carbon Disulfide
Concen: 16.267 ug/l
RT: 4.695 min Scan# 46
Delta R.T. -0.017 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

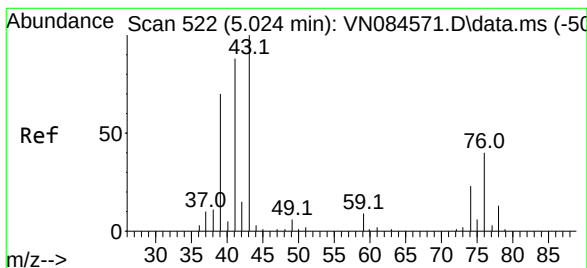
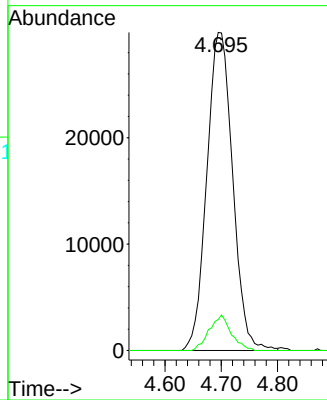
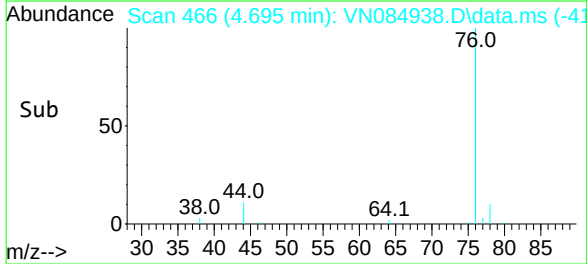
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 76 Resp: 95480
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

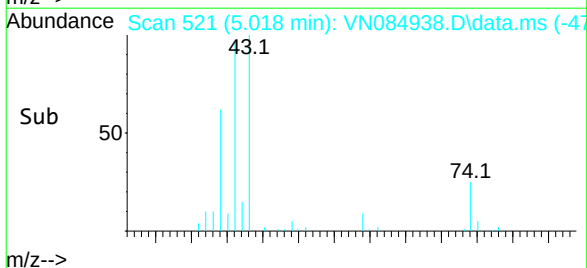
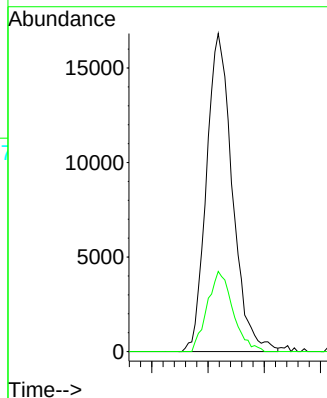
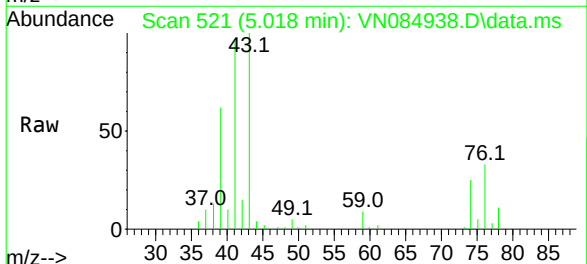
Manual Integrations
APPROVED

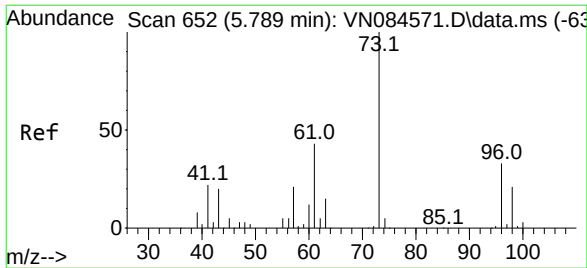
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#18
Methyl Acetate
Concen: 18.624 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

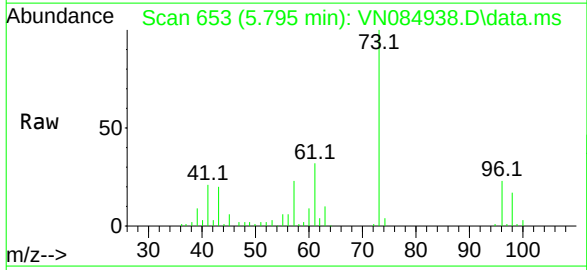
Tgt Ion: 43 Resp: 53894
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8





#19
Methyl tert-butyl Ether
Concen: 20.897 ug/l
RT: 5.795 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

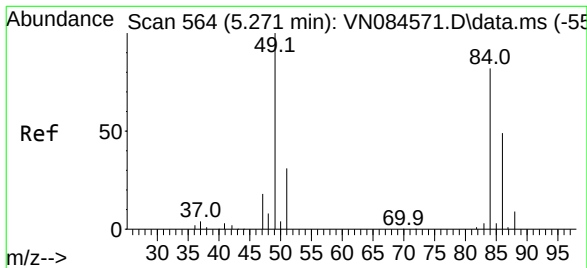
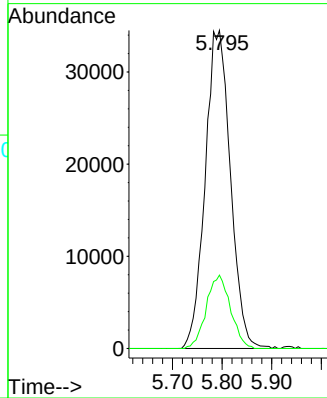
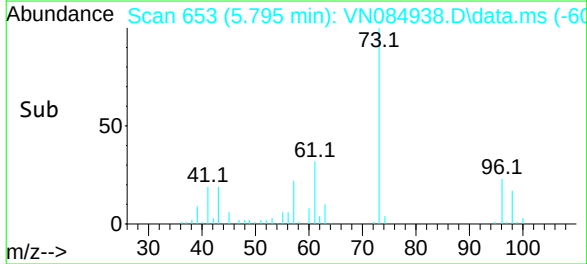
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



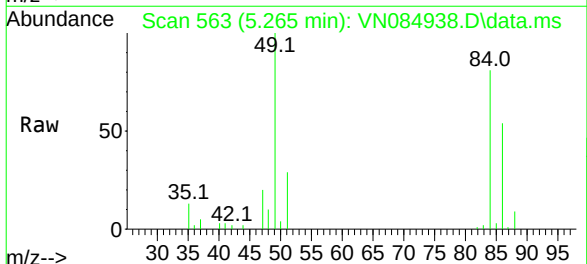
Tgt Ion: 73 Resp: 122075
Ion Ratio Lower Upper
73 100
57 23.1 17.7 26.5

Manual Integrations
APPROVED

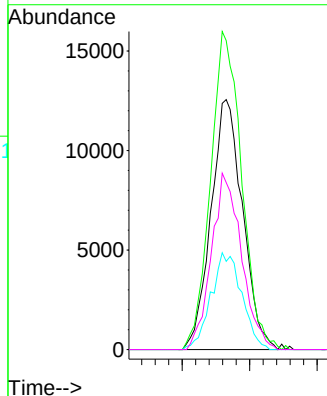
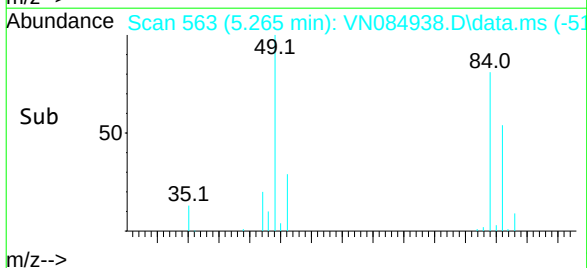
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

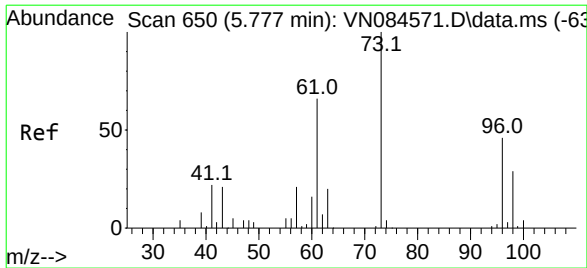


#20
Methylene Chloride
Concen: 19.279 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40



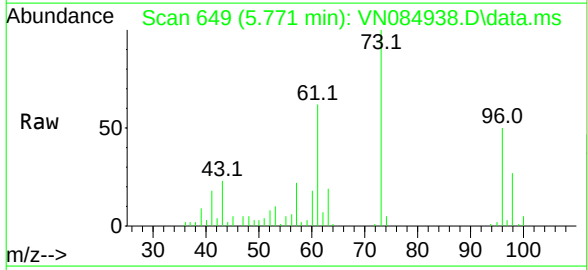
Tgt Ion: 84 Resp: 40989
Ion Ratio Lower Upper
84 100
49 123.6 107.2 160.8
51 35.3 31.8 47.8
86 66.8 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 18.965 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.018 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

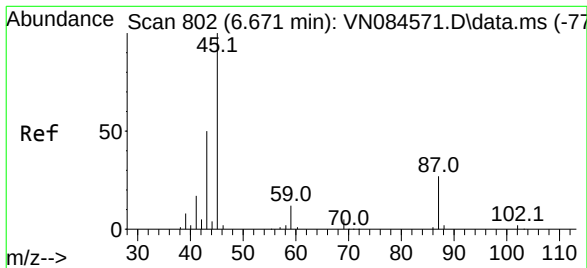
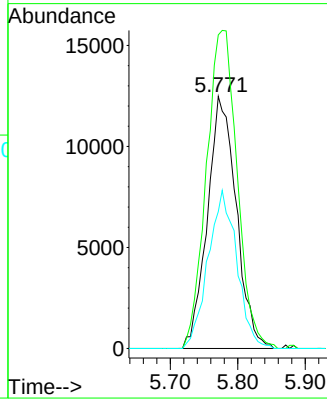
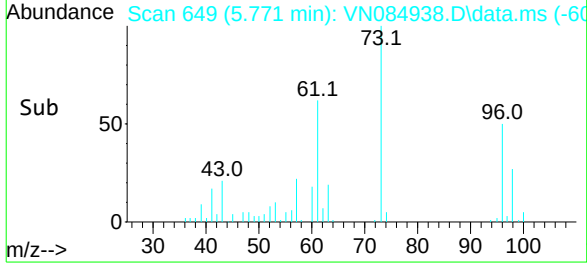
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



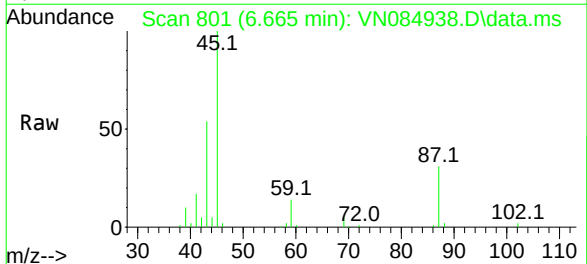
Tgt Ion: 96 Resp: 37116
Ion Ratio Lower Upper
96 100
61 124.4 108.4 162.6
98 54.3 49.8 74.8

Manual Integrations
APPROVED

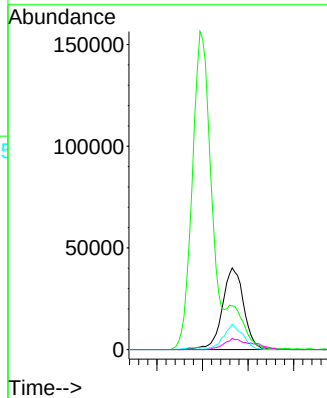
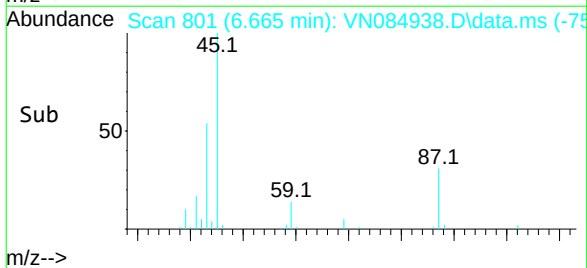
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

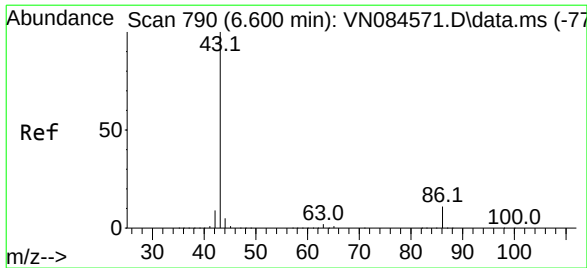


#22
Diisopropyl ether
Concen: 21.290 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40



Tgt Ion: 45 Resp: 130755
Ion Ratio Lower Upper
45 100
43 52.2 42.3 63.5
87 30.9 21.8 32.6
59 13.9 9.6 14.4





#23

Vinyl Acetate

Concen: 105.593 ug/l

RT: 6.595 min Scan# 78

Delta R.T. -0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tgt Ion: 43 Resp: 447227

Ion Ratio Lower Upper

43 100

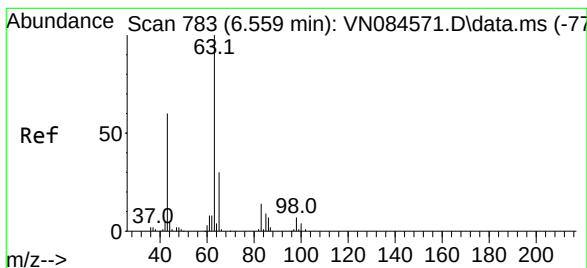
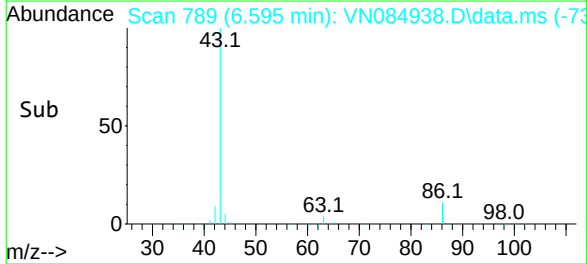
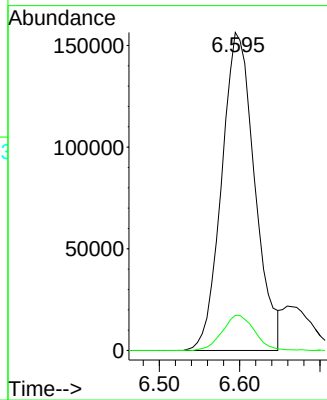
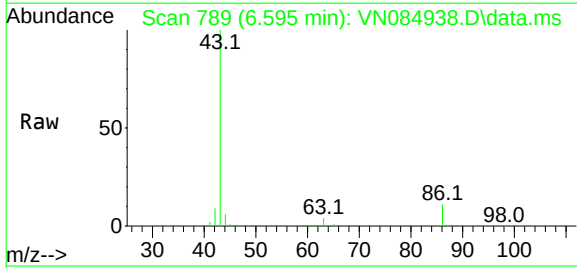
86 11.0 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#24

1,1-Dichloroethane

Concen: 20.100 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

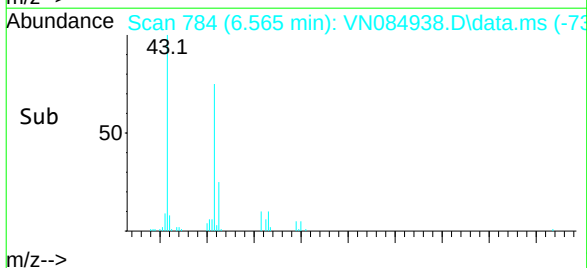
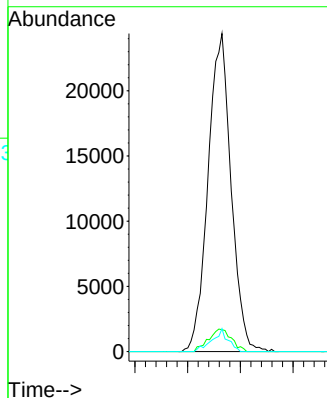
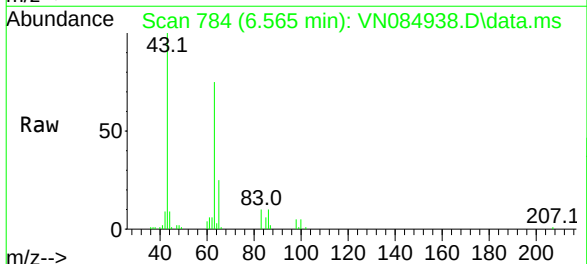
Tgt Ion: 63 Resp: 74117

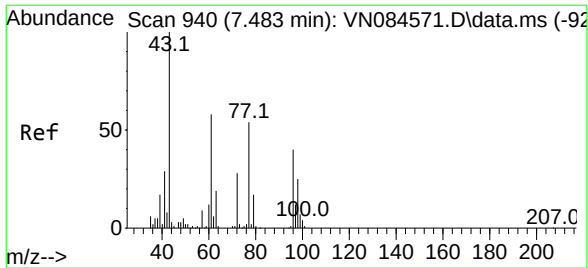
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.2

100 7.2 2.0 5.8#





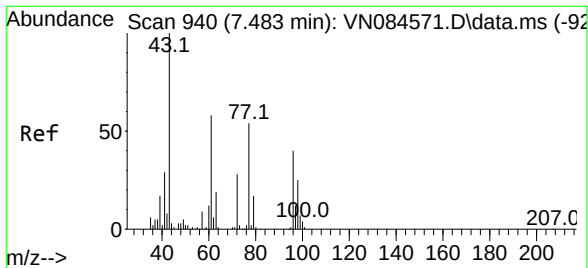
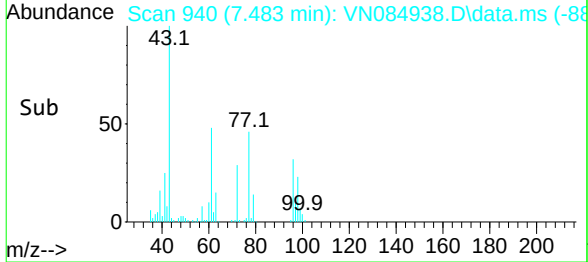
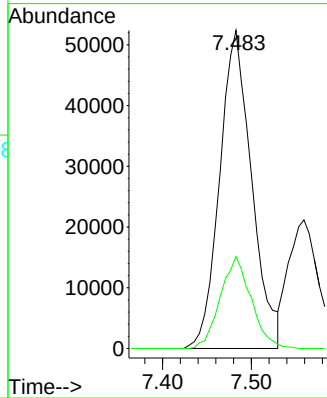
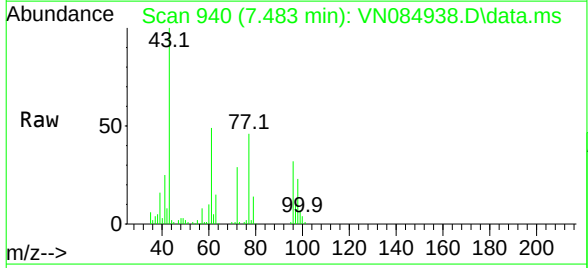
#25
2-Butanone
Concen: 116.439 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 43 Resp: 131314
Ion Ratio Lower Upper
43 100
72 28.9 21.4 32.2

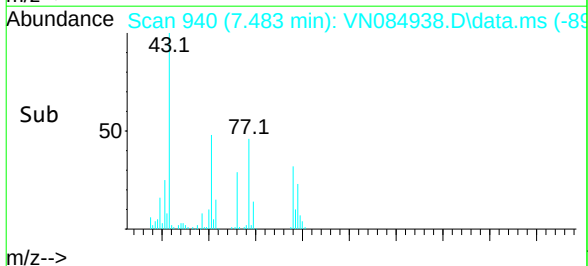
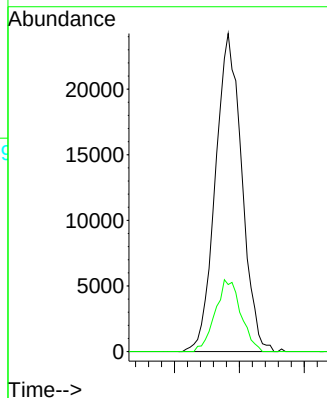
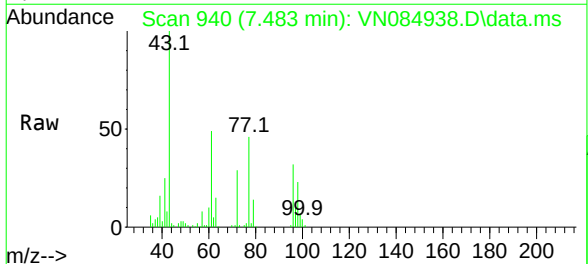
Manual Integrations
APPROVED

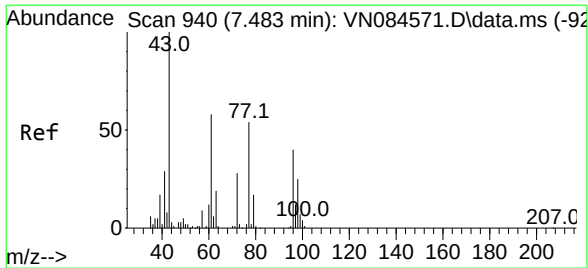
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#26
2,2-Dichloropropane
Concen: 21.326 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

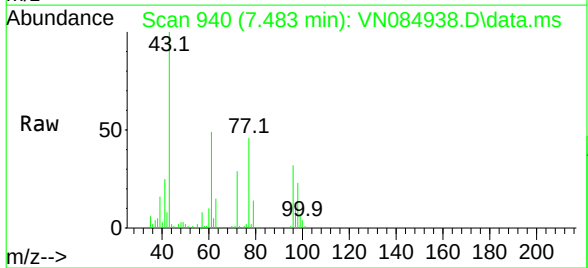
Tgt Ion: 77 Resp: 68443
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 19.574 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084938.D
 Acq: 19 Nov 2024 11:40

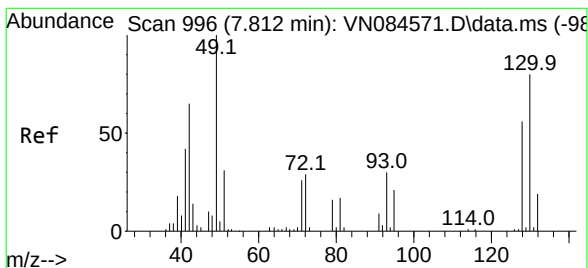
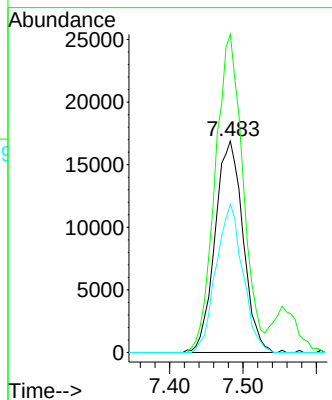
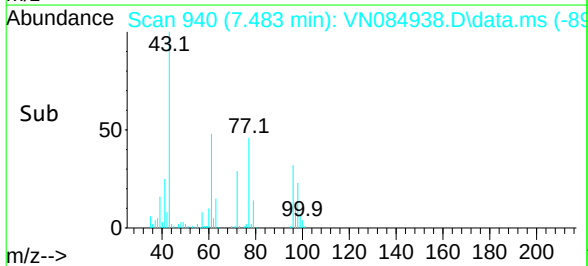
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01



Tgt Ion:	96	Resp:	44729
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	301.8
98	67.1	0.0	128.2

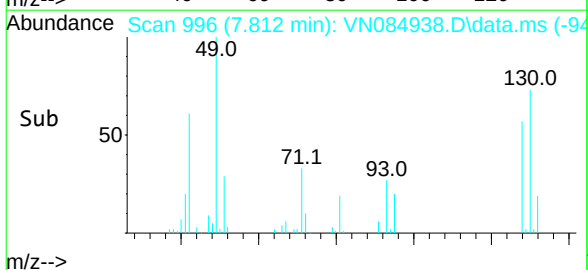
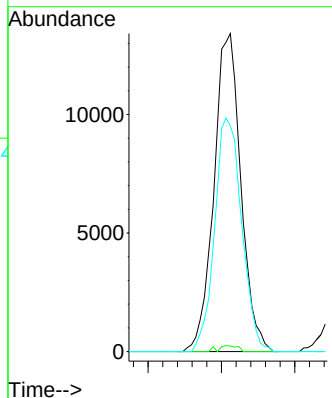
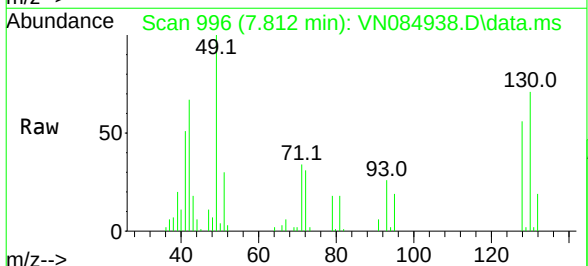
Manual Integrations
 APPROVED

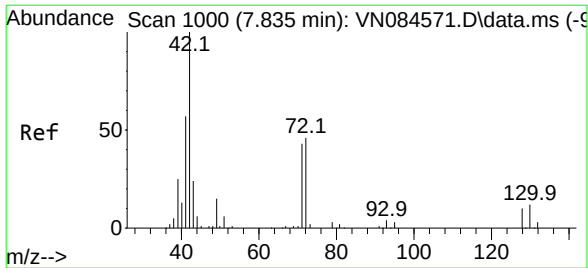
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#28
 Bromochloromethane
 Concen: 23.308 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN084938.D
 Acq: 19 Nov 2024 11:40

Tgt Ion:	49	Resp:	34242
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.6
130	73.7	58.0	87.0





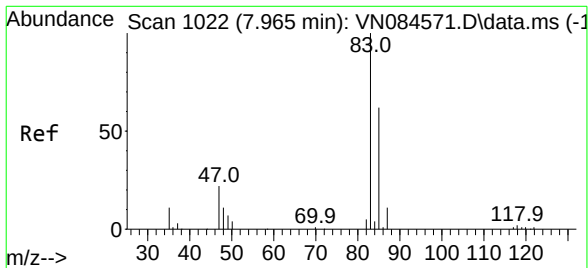
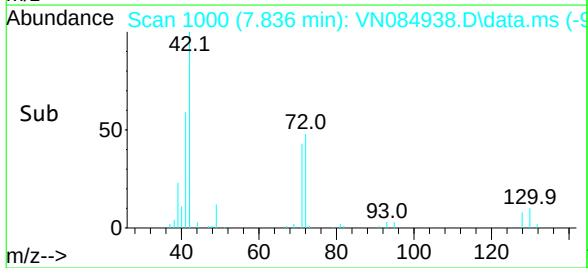
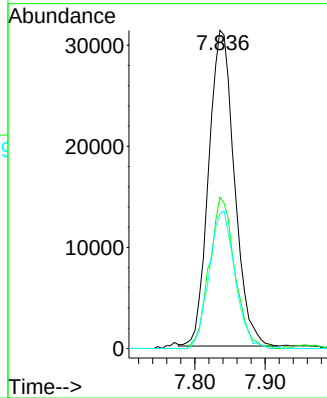
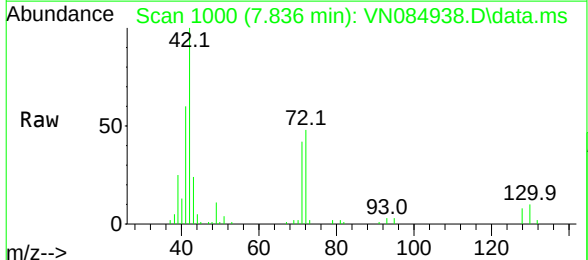
#29
Tetrahydrofuran
Concen: 106.257 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	47.3	34.6	51.8
71	43.8	32.2	48.4

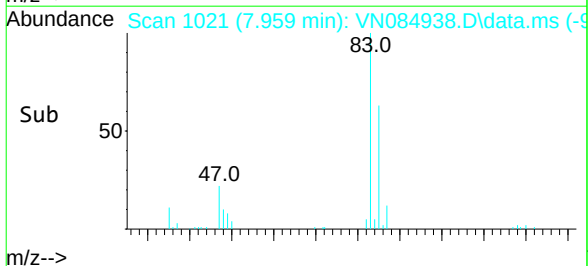
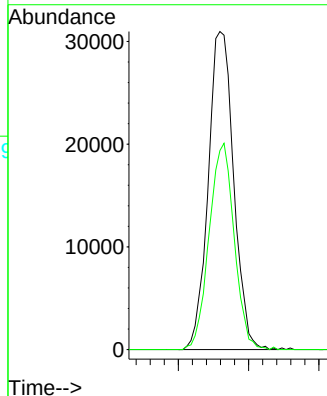
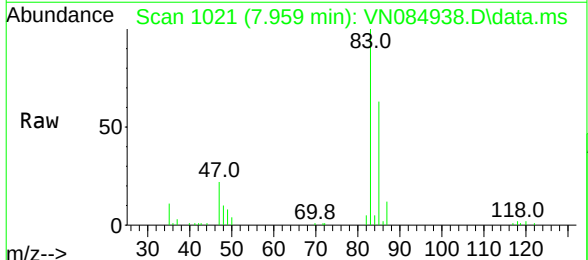
Manual Integrations
APPROVED

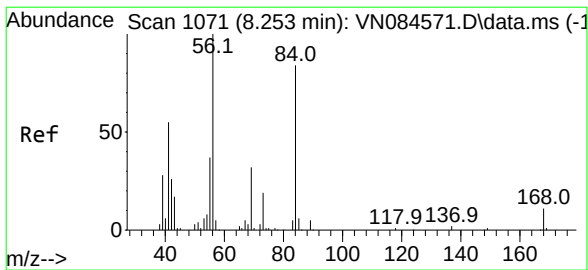
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#30
Chloroform
Concen: 20.747 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.0	76.4





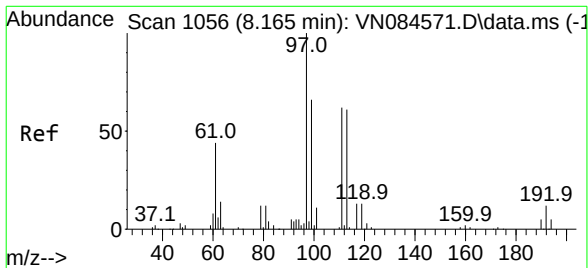
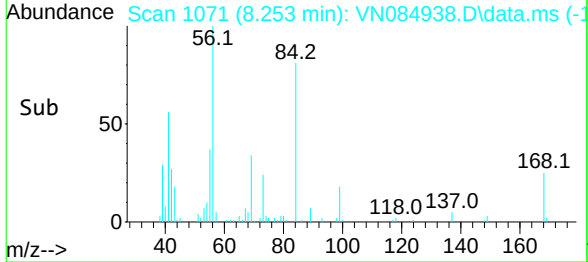
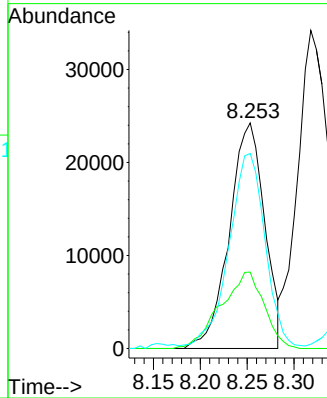
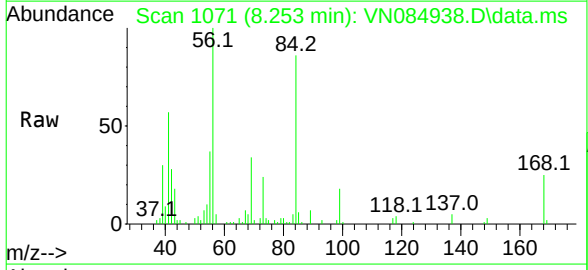
#31
Cyclohexane
Concen: 19.052 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:	56	Resp:	63583
Ion	Ratio	Lower	Upper
56	100		
69	33.1	23.8	35.6
84	85.2	68.8	103.2

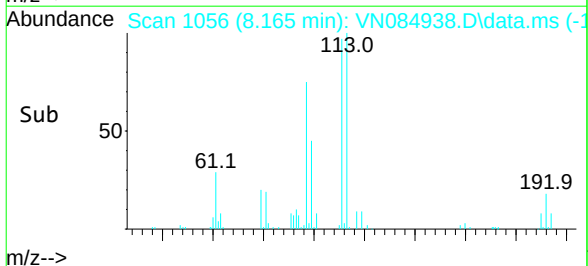
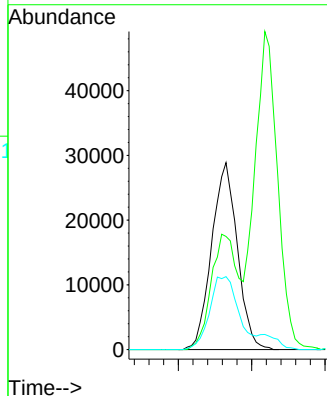
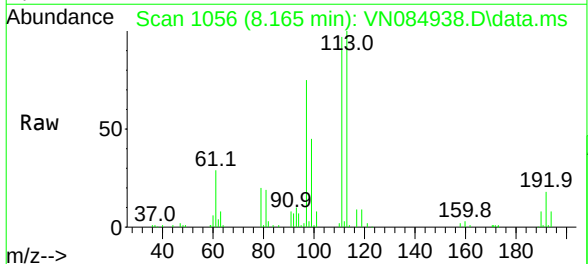
Manual Integrations
APPROVED

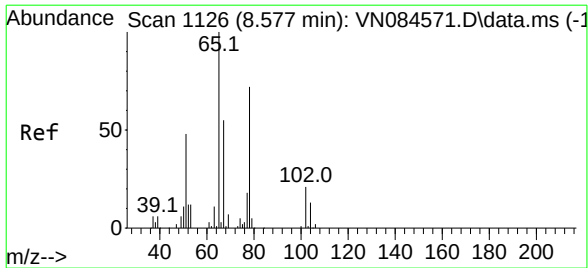
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#32
1,1,1-Trichloroethane
Concen: 20.592 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

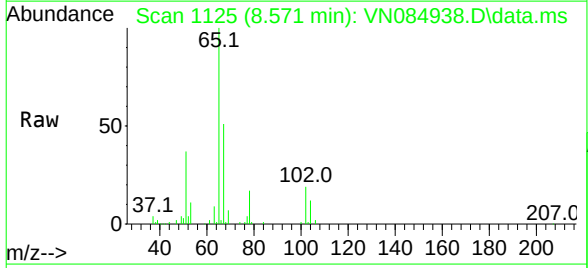
Tgt Ion:	97	Resp:	70342
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.2	76.8
61	44.2	37.5	56.3





#33
1,2-Dichloroethane-d4
Concen: 47.770 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

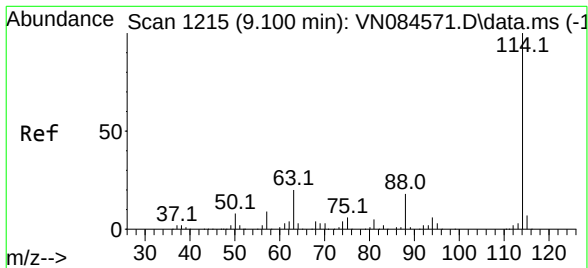
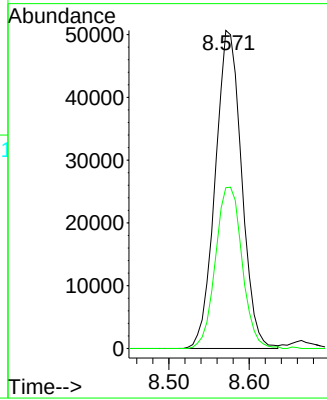
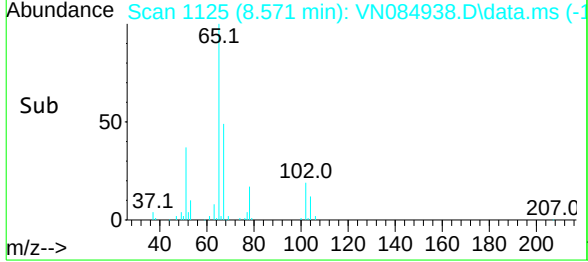
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 65 Resp: 115474
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

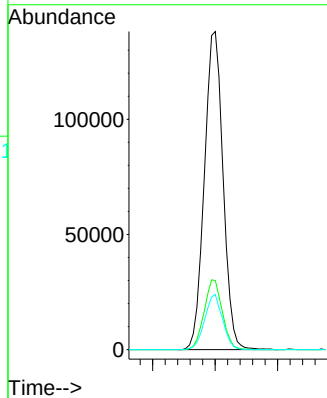
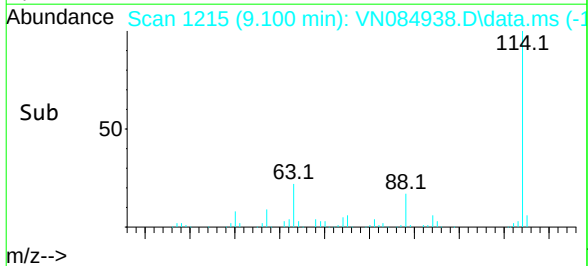
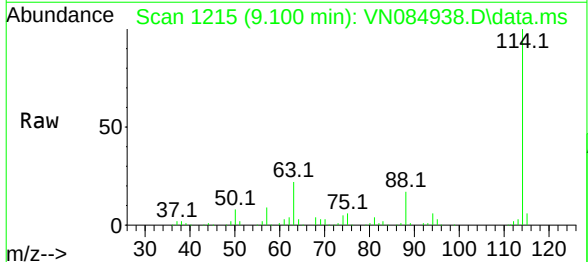
Manual Integrations
APPROVED

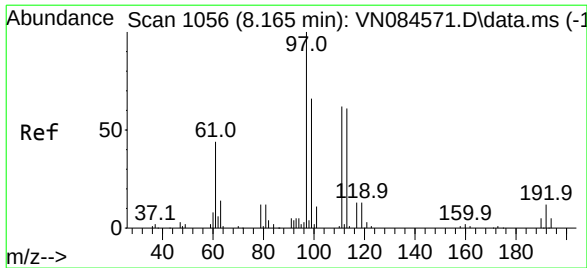
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

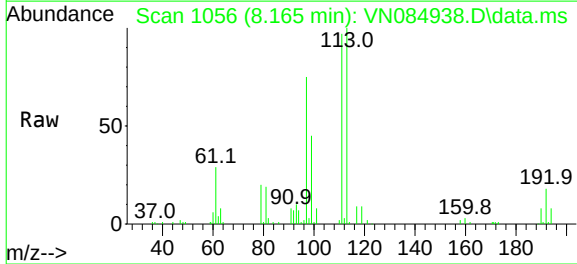
Tgt Ion:114 Resp: 286809
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.8
88 17.3 0.0 31.6





#35
Dibromofluoromethane
Concen: 46.484 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

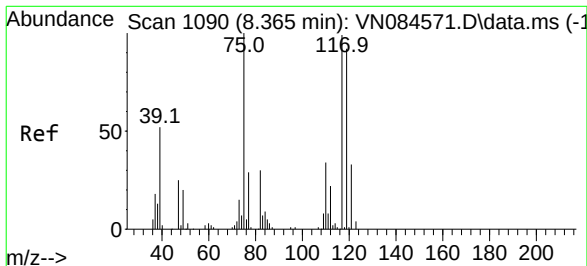
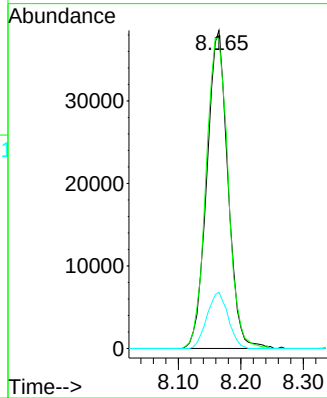
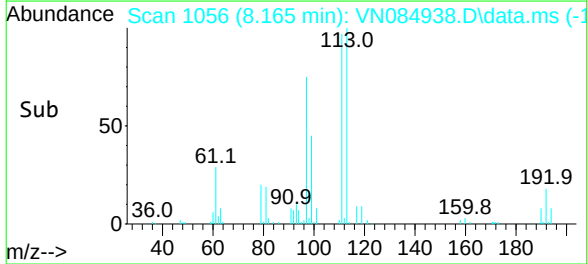
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 113 Resp: 90242
Ion Ratio Lower Upper
113 100
111 102.4 83.3 124.9
192 17.7 13.5 20.3

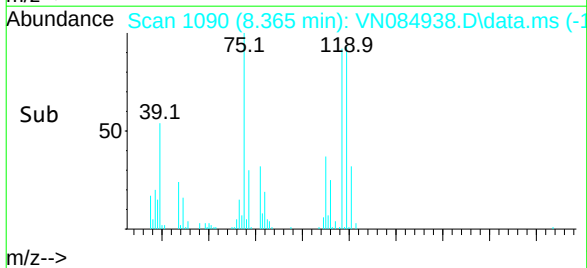
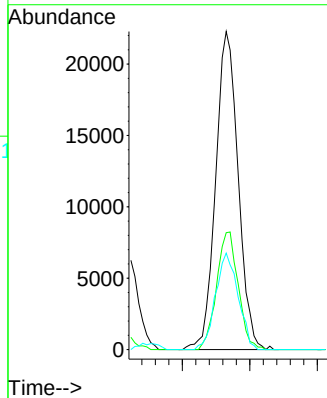
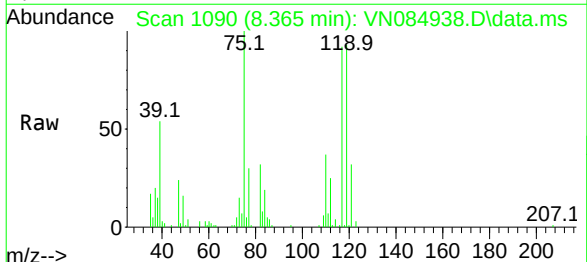
Manual Integrations
APPROVED

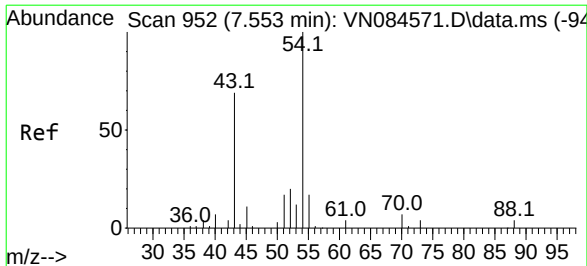
Reviewed By : John Carlone 11/20/2024
Supervised By : Mahesh Dadoda 11/20/2024



#36
1,1-Dichloropropene
Concen: 19.146 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 75 Resp: 51548
Ion Ratio Lower Upper
75 100
110 35.5 16.9 50.7
77 30.4 24.7 37.1





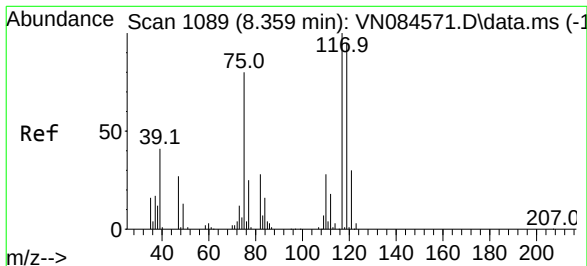
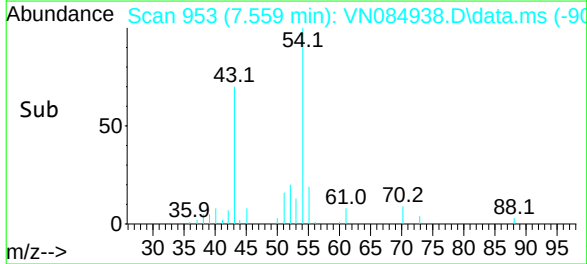
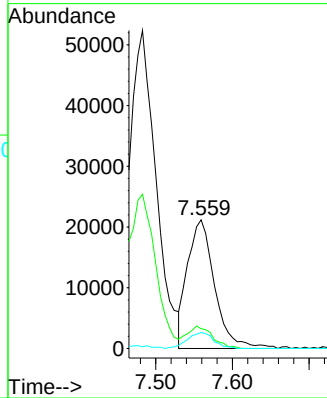
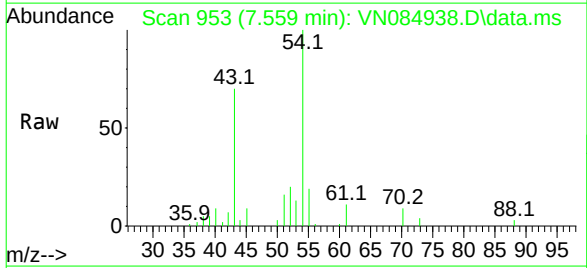
#37
Ethyl Acetate
Concen: 21.260 ug/l
RT: 7.559 min Scan# 952
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:	43	Resp:	51933
Ion	Ratio	Lower	Upper
43	100		
61	16.5	10.7	16.1
70	12.1	8.8	13.2

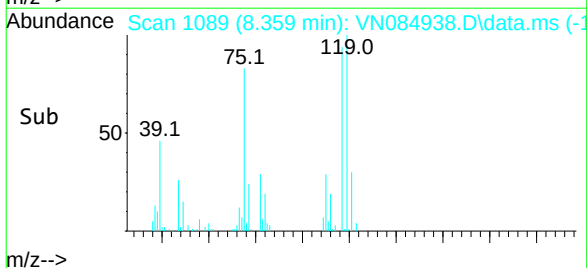
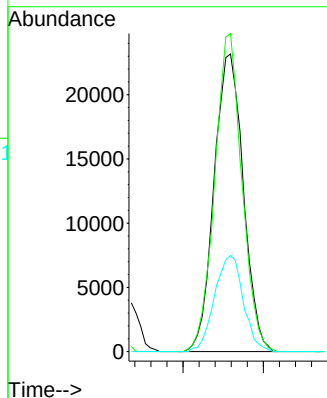
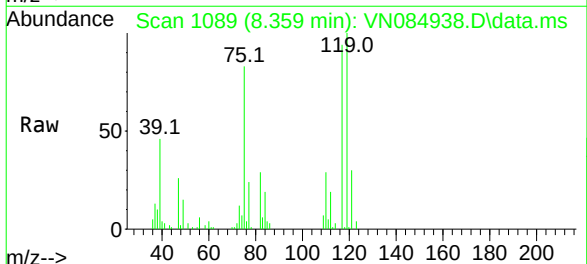
Manual Integrations
APPROVED

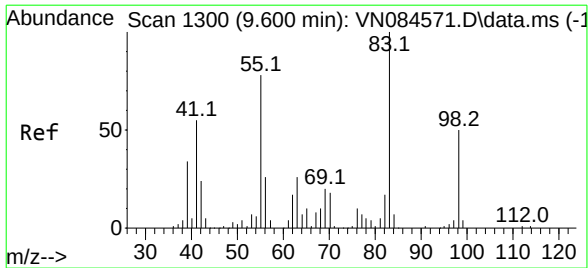
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#38
Carbon Tetrachloride
Concen: 19.457 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

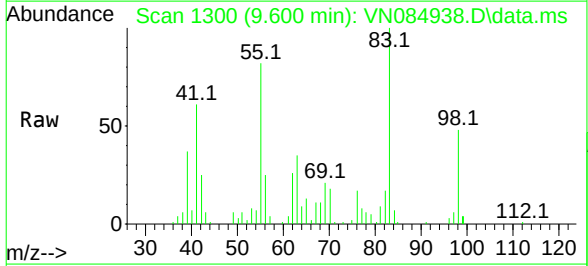
Tgt Ion:	117	Resp:	58554
Ion	Ratio	Lower	Upper
117	100		
119	106.9	78.7	118.1
121	32.3	24.4	36.6





#39
Methylcyclohexane
Concen: 19.526 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

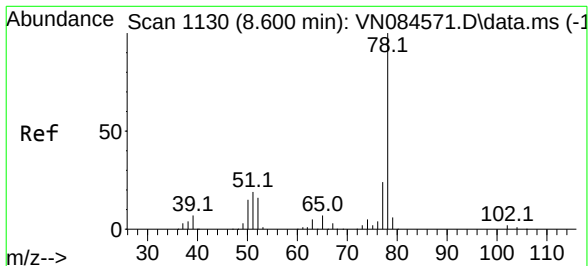
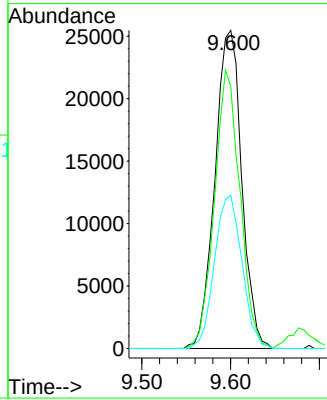
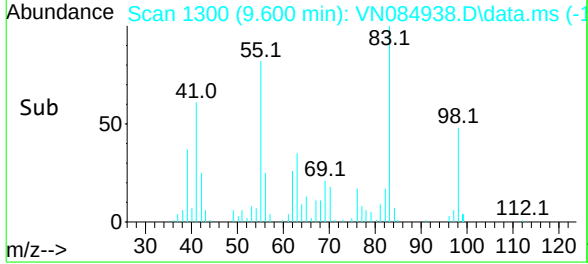
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion:	83	Resp:	53483
Ion	Ratio	Lower	Upper
83	100		
55	82.3	62.8	94.2
98	48.2	38.8	58.2

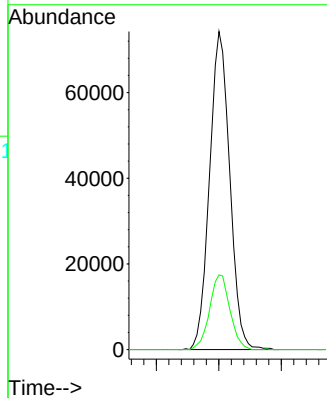
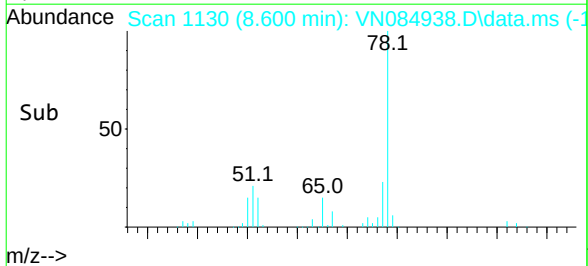
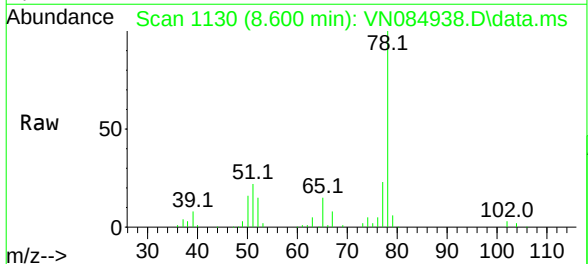
Manual Integrations
APPROVED

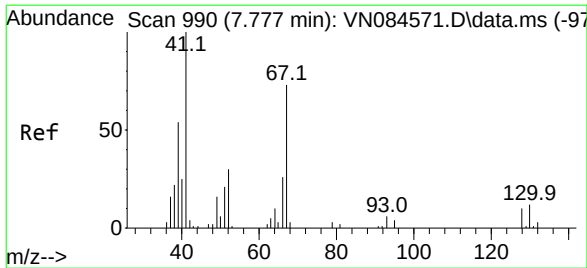
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#40
Benzene
Concen: 19.284 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:	78	Resp:	166743
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





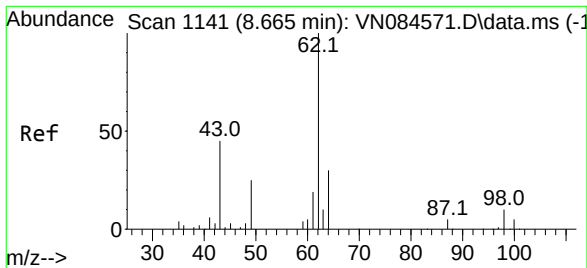
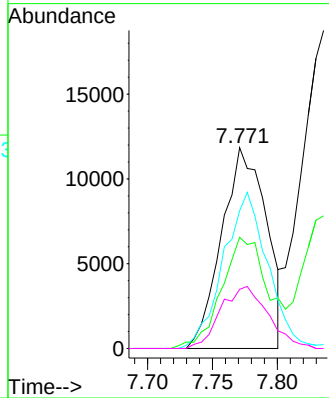
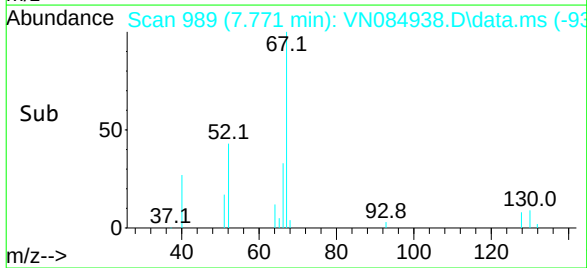
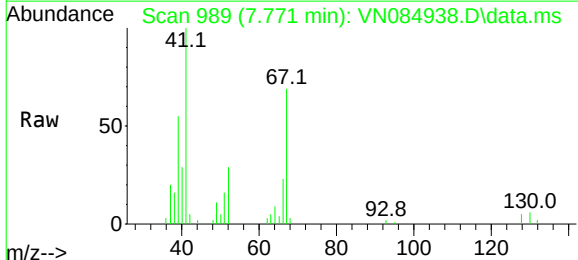
#41
Methacrylonitrile
Concen: 21.561 ug/l
RT: 7.771 min Scan# 98
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:	41	Resp:	28323
Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.3	64.9
67	77.8	56.1	84.1
52	32.9	24.5	36.7

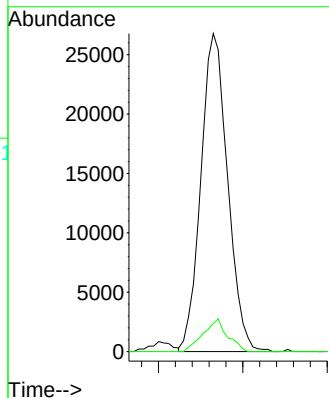
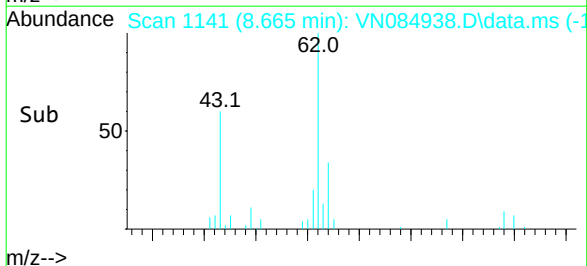
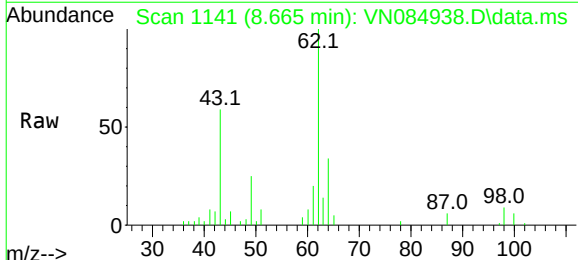
Manual Integrations
APPROVED

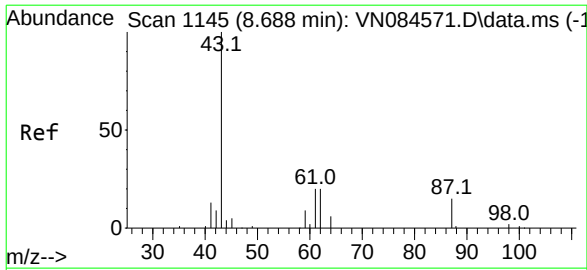
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#42
1,2-Dichloroethane
Concen: 21.093 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:	62	Resp:	59066
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 21.807 ug/l

RT: 8.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

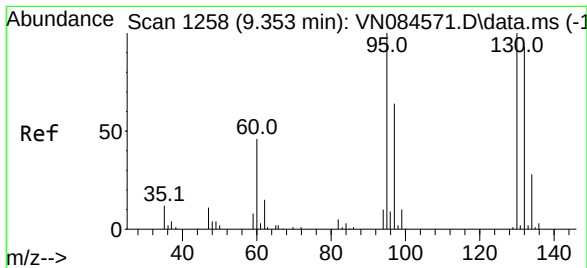
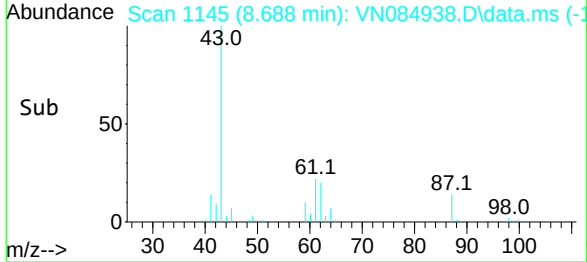
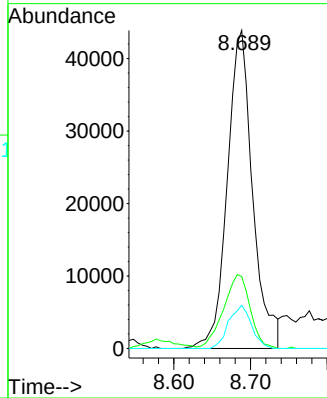
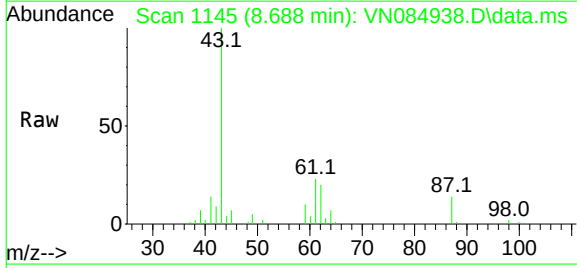
VN1119WBS01

Tgt Ion:	43	Resp:	100867
Ion	Ratio	Lower	Upper
43	100		
61	24.5	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: 18.673 ug/l

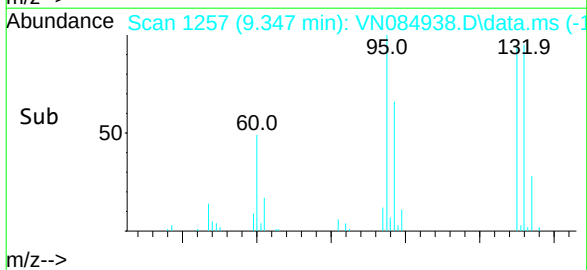
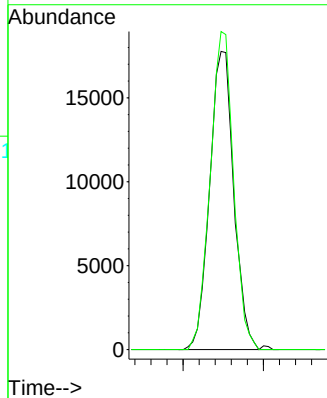
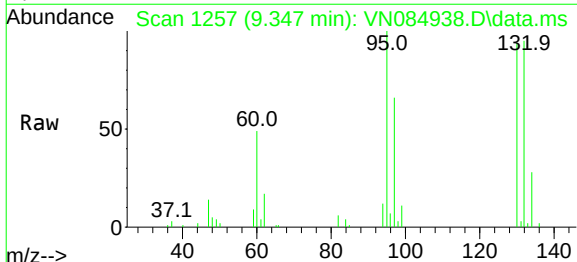
RT: 9.347 min Scan# 1257

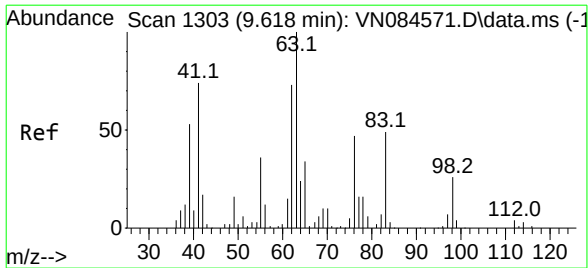
Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

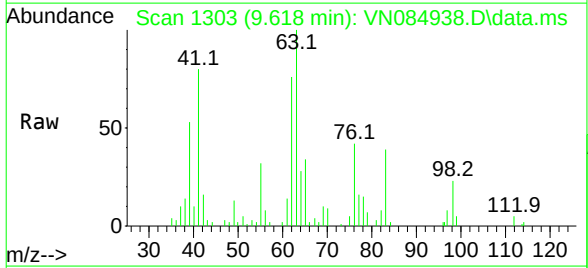
Tgt Ion:	130	Resp:	37236
Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	203.0





#45
1,2-Dichloropropane
Concen: 19.917 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

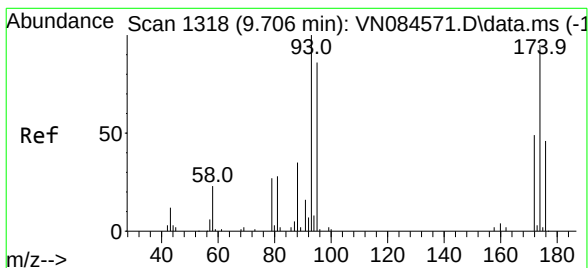
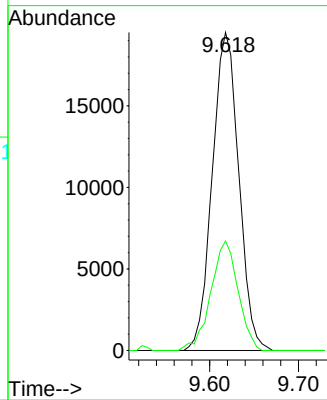
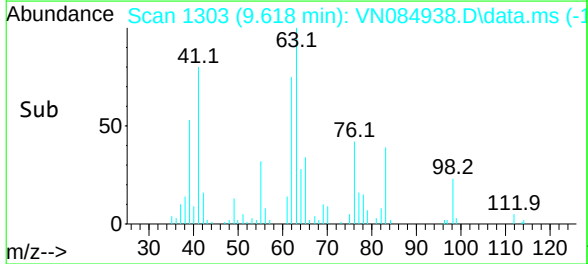
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 63 Resp: 40398
Ion Ratio Lower Upper
63 100
65 34.4 24.6 37.0

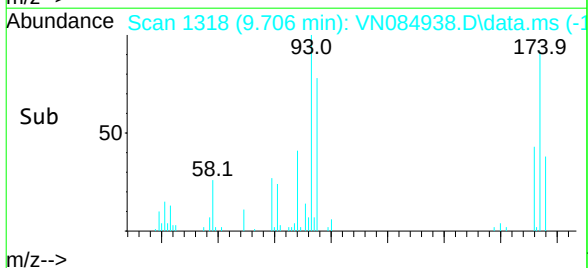
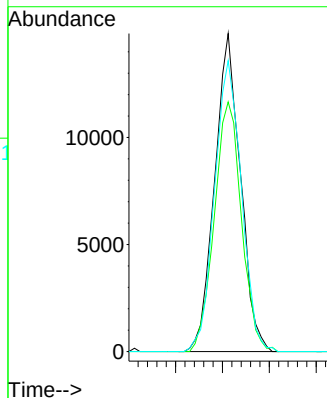
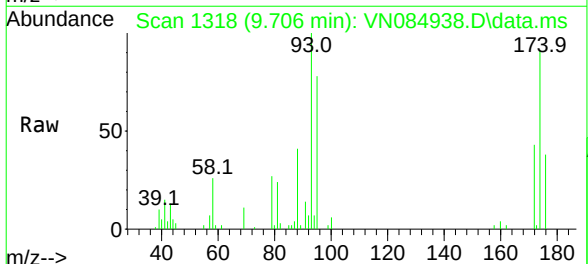
Manual Integrations
APPROVED

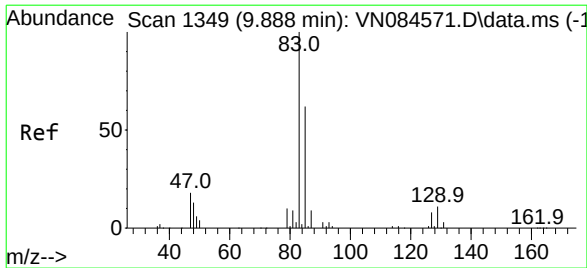
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#46
Dibromomethane
Concen: 19.836 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 93 Resp: 28390
Ion Ratio Lower Upper
93 100
95 82.6 65.0 97.4
174 95.1 71.8 107.8





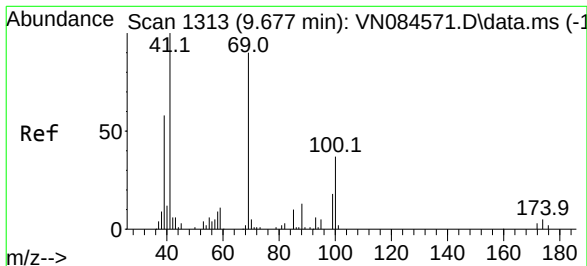
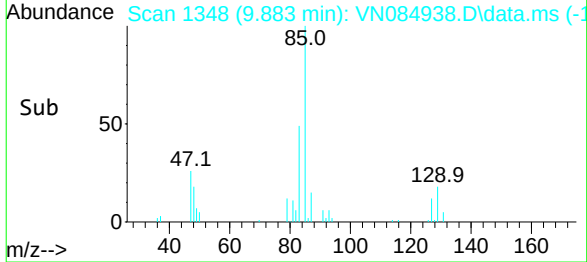
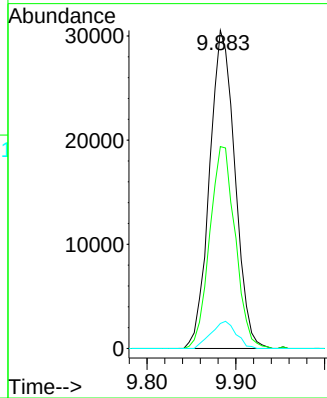
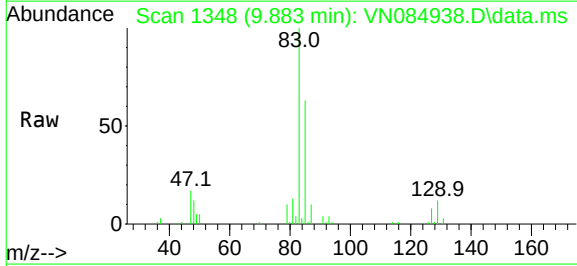
#47
Bromodichloromethane
Concen: 20.115 ug/l
RT: 9.883 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 83	Resp: 60687
Ion Ratio	Lower Upper
83 100	
85 63.5	51.5 77.3
127 7.9	5.7 8.5

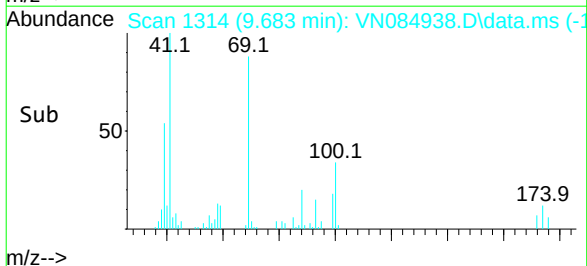
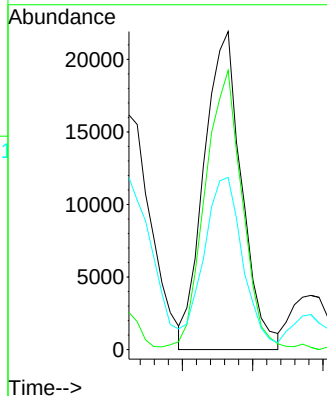
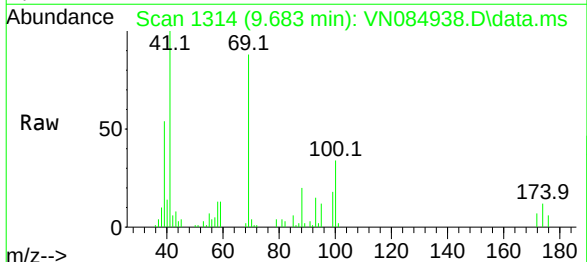
Manual Integrations
APPROVED

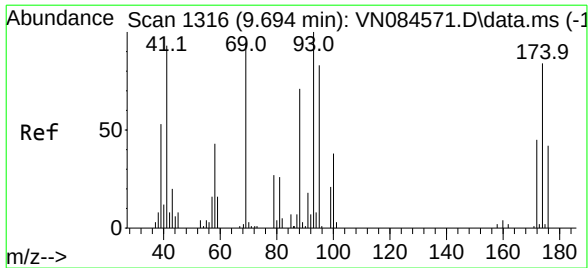
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#48
Methyl methacrylate
Concen: 21.432 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

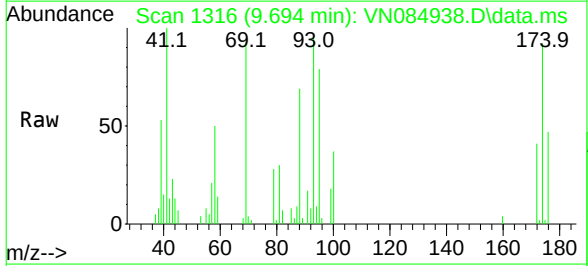
Tgt Ion: 41	Resp: 40746
Ion Ratio	Lower Upper
41 100	
69 87.2	67.1 100.7
39 56.6	45.8 68.6





#49
1,4-Dioxane
Concen: 446.038 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

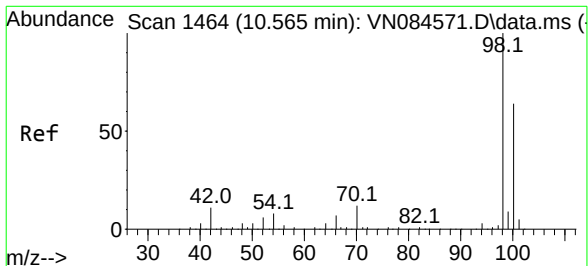
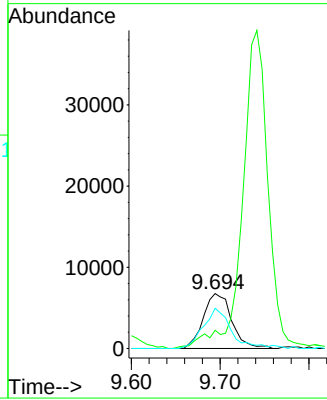
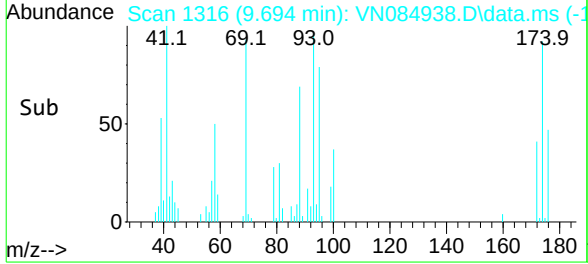
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 88 Resp: 15027
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 72.9 56.4 84.6

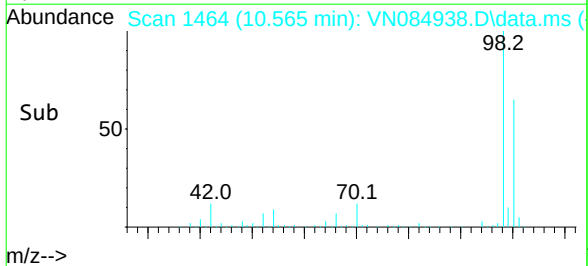
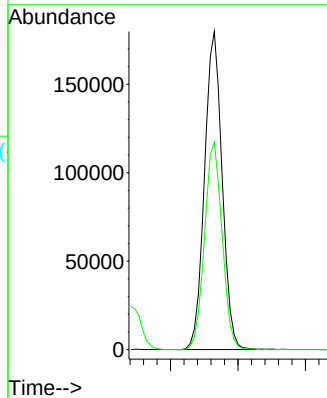
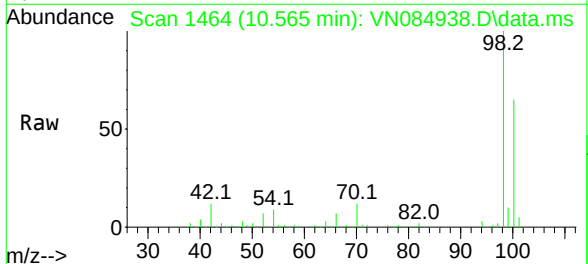
Manual Integrations
APPROVED

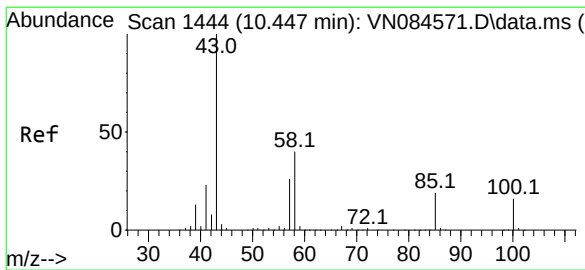
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#50
Toluene-d8
Concen: 45.579 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 98 Resp: 325946
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1





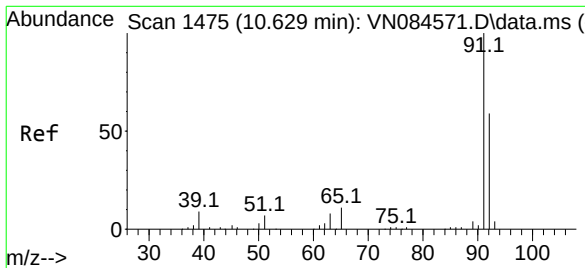
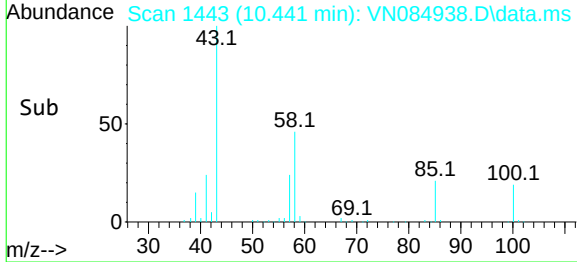
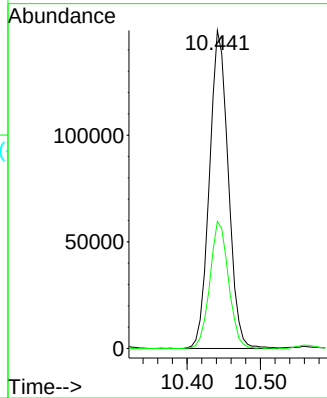
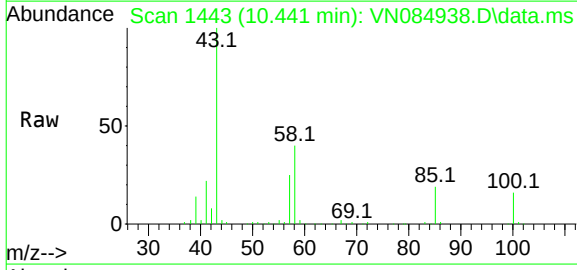
#51
4-Methyl-2-Pentanone
Concen: 114.312 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 43 Resp: 266202
Ion Ratio Lower Upper
43 100
58 39.6 31.6 47.4

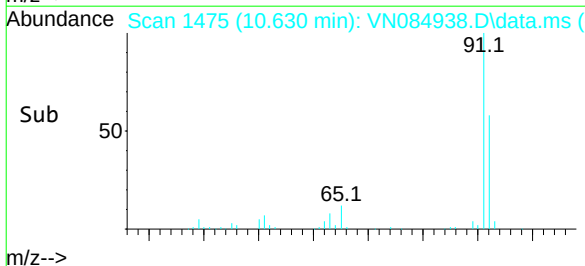
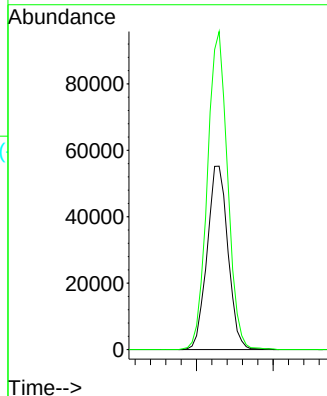
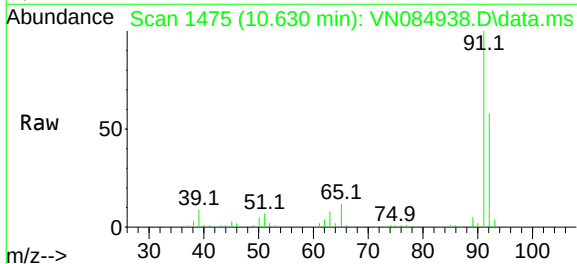
Manual Integrations
APPROVED

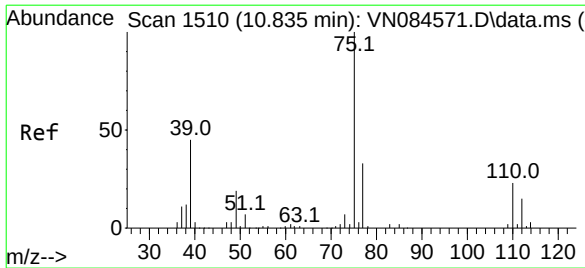
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#52
Toluene
Concen: 20.606 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

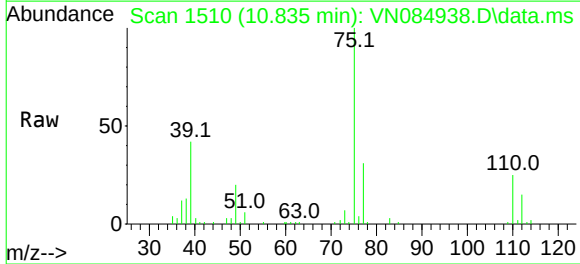
Tgt Ion: 92 Resp: 104204
Ion Ratio Lower Upper
92 100
91 168.1 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 18.856 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

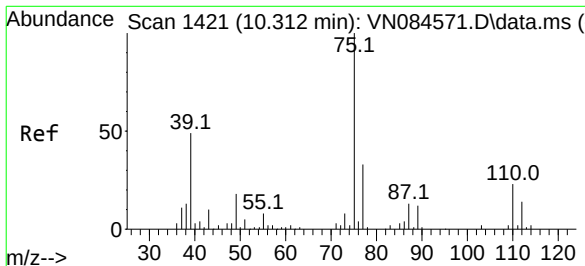
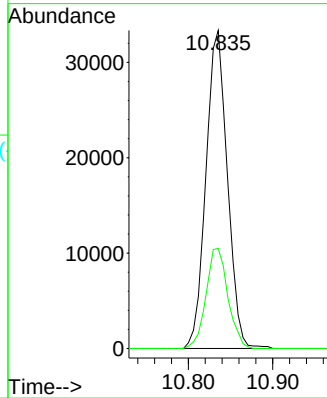
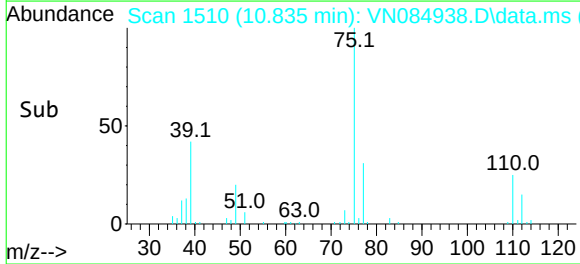
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



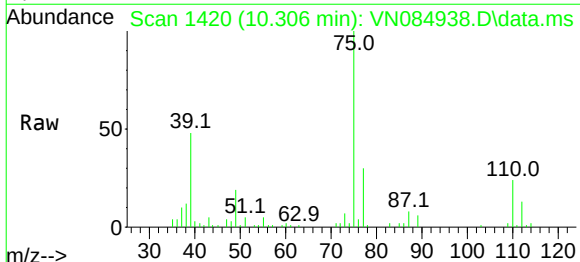
Tgt Ion: 75 Resp: 5885
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

Manual Integrations
APPROVED

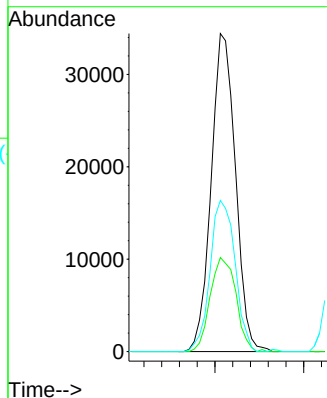
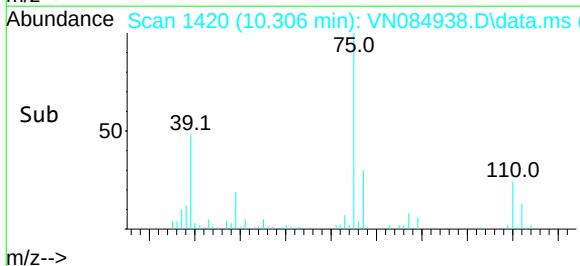
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

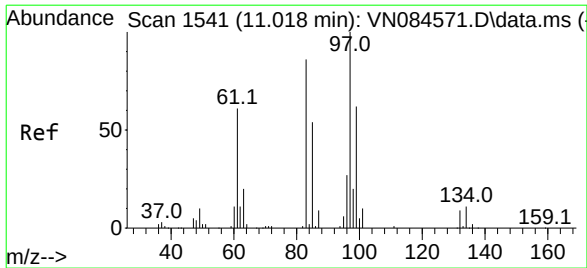


#54
cis-1,3-Dichloropropene
Concen: 19.793 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40



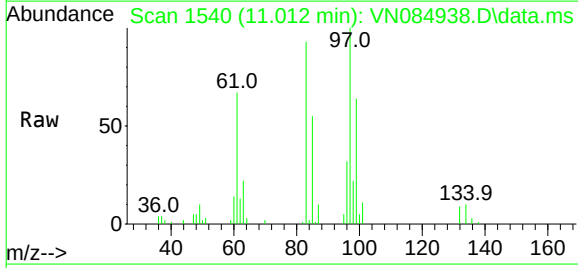
Tgt Ion: 75 Resp: 65422
Ion Ratio Lower Upper
75 100
77 29.6 24.2 36.2
39 47.5 38.7 58.1





#55
1,1,2-Trichloroethane
Concen: 20.781 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

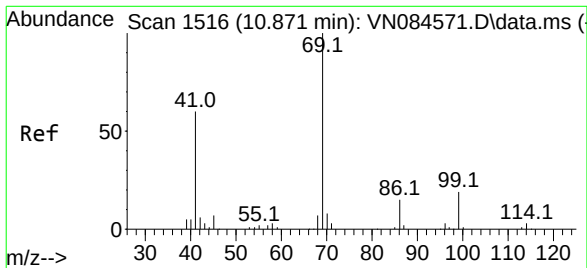
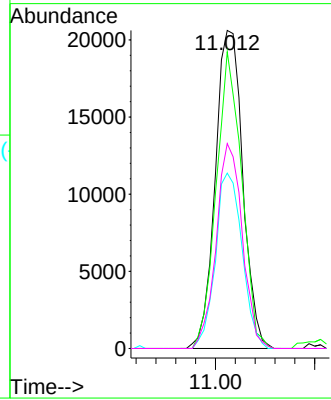
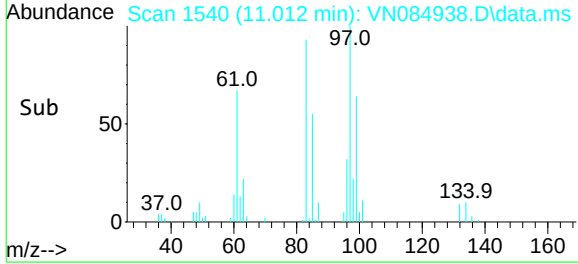
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



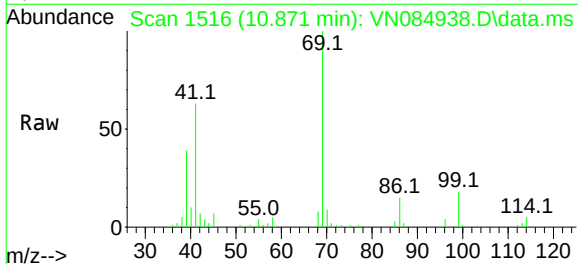
Tgt Ion	Ratio	Lower	Upper
97	100		
83	93.3	71.0	106.4
85	55.1	41.7	62.5
99	64.4	50.1	75.1

Manual Integrations
APPROVED

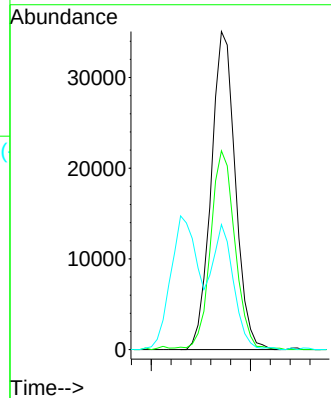
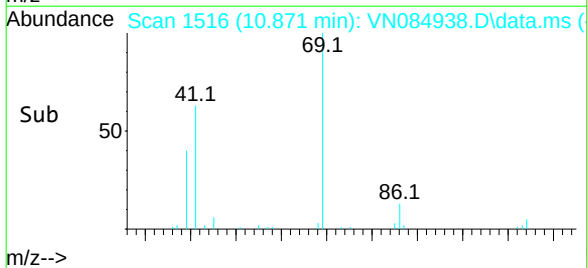
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024

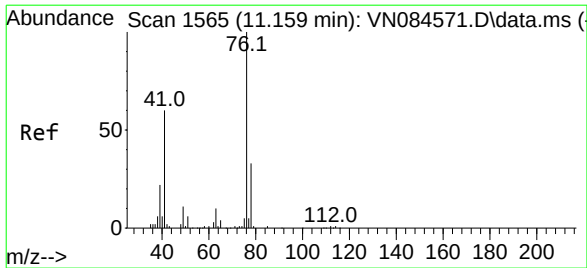


#56
Ethyl methacrylate
Concen: 21.545 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	53.3	79.9
39	35.6	28.8	43.2





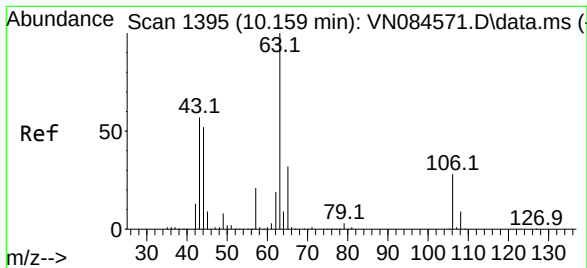
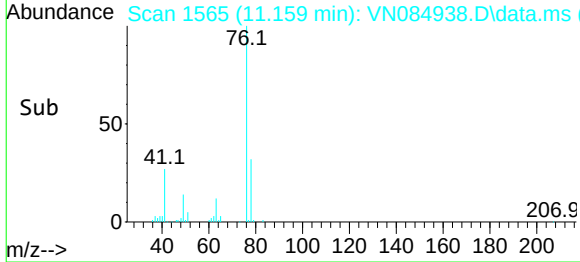
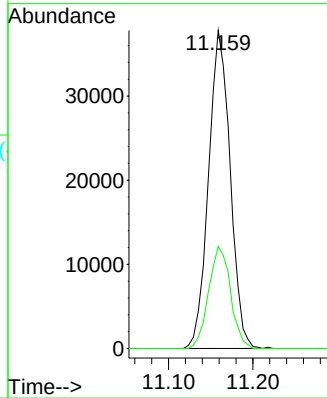
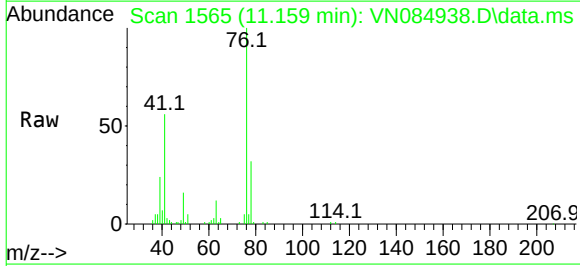
#57
1,3-Dichloropropane
Concen: 20.603 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 76 Resp: 67357
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.6

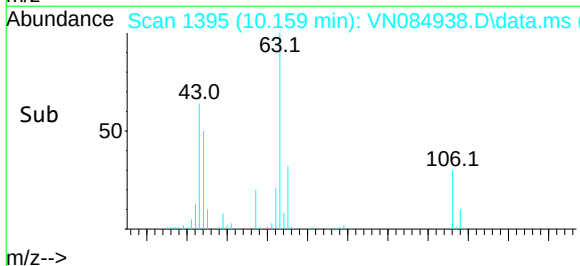
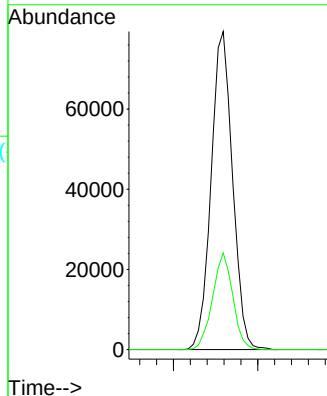
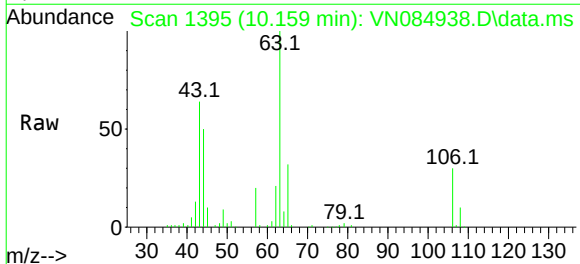
Manual Integrations
APPROVED

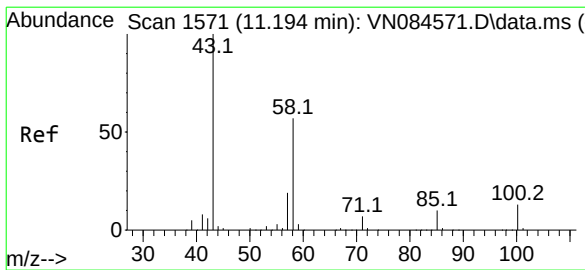
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#58
2-Chloroethyl Vinyl ether
Concen: 108.511 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 63 Resp: 139905
Ion Ratio Lower Upper
63 100
106 28.7 21.8 32.6





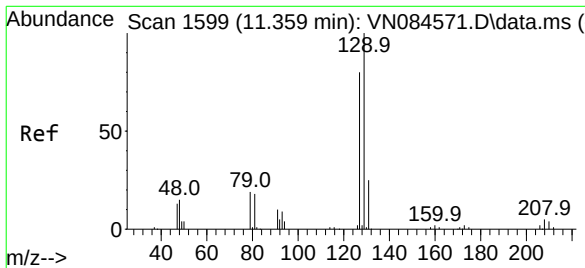
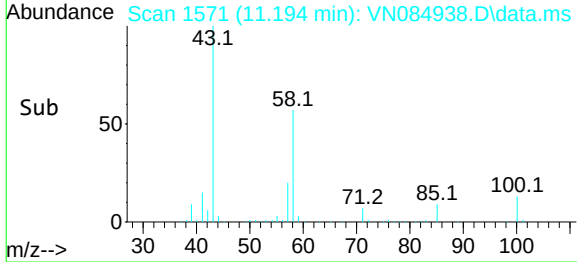
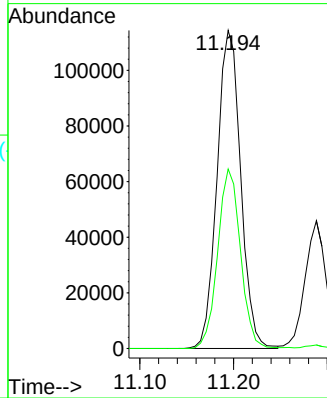
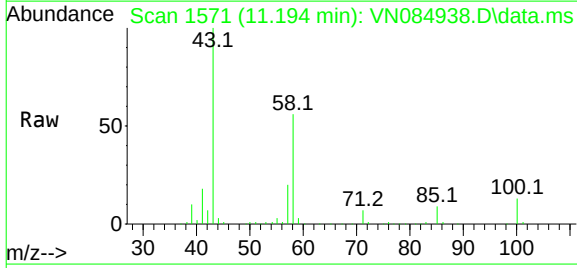
#59
2-Hexanone
Concen: 117.979 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 43 Resp: 199980
Ion Ratio Lower Upper
43 100
58 54.5 27.3 81.8

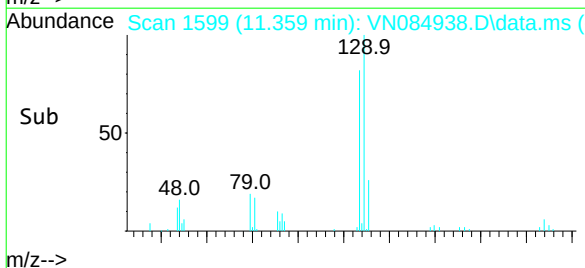
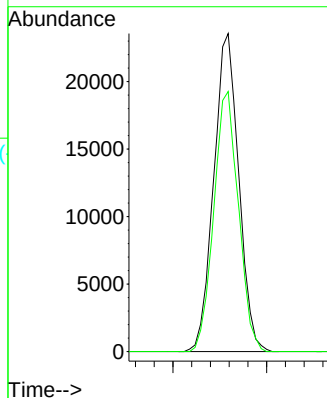
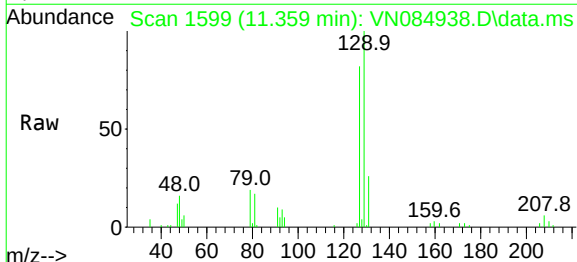
Manual Integrations
APPROVED

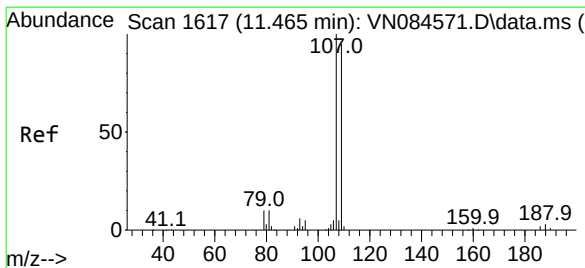
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#60
Dibromochloromethane
Concen: 20.043 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:129 Resp: 43514
Ion Ratio Lower Upper
129 100
127 80.8 38.3 114.9





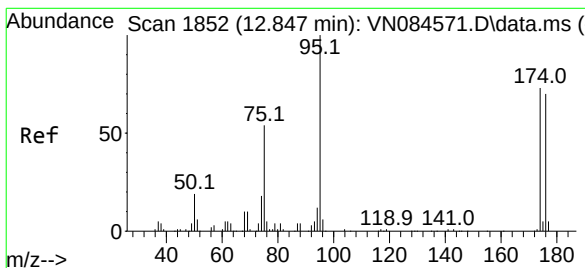
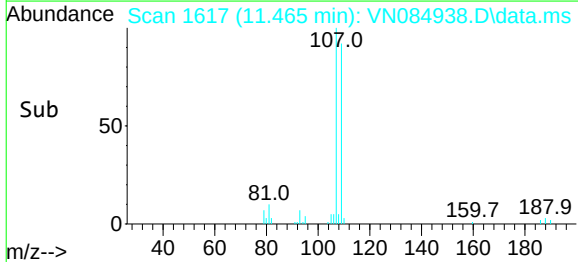
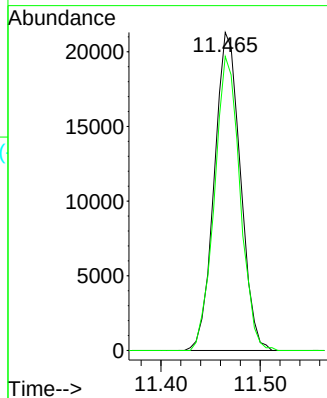
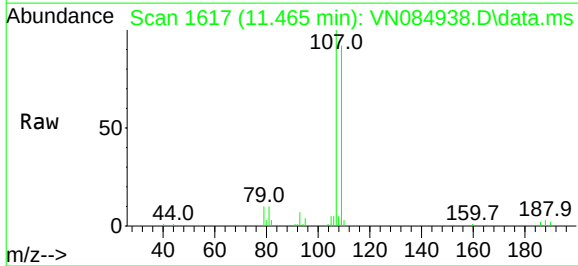
#61
1,2-Dibromoethane
Concen: 19.935 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 107 Resp: 38886
Ion Ratio Lower Upper
107 100
109 90.6 75.4 113.0

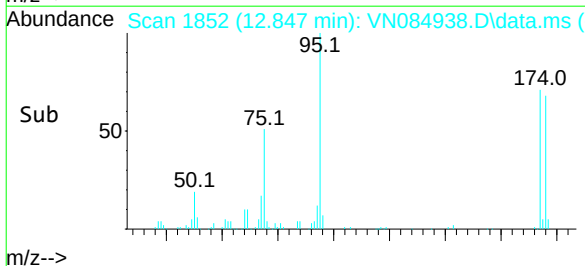
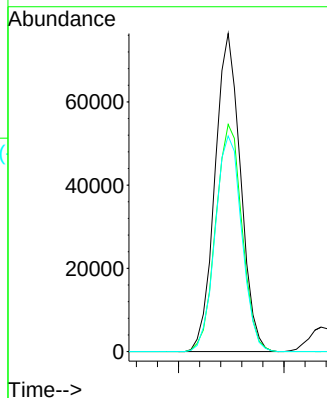
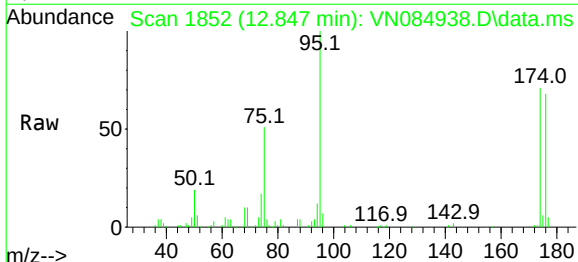
Manual Integrations
APPROVED

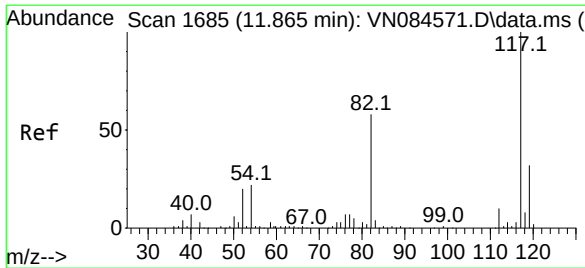
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 95 Resp: 128829
Ion Ratio Lower Upper
95 100
174 73.6 0.0 145.2
176 70.5 0.0 140.0





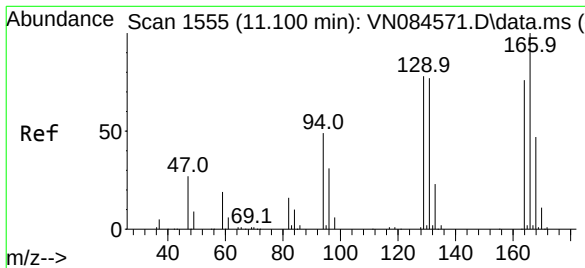
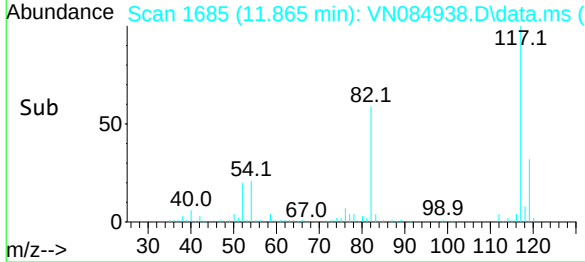
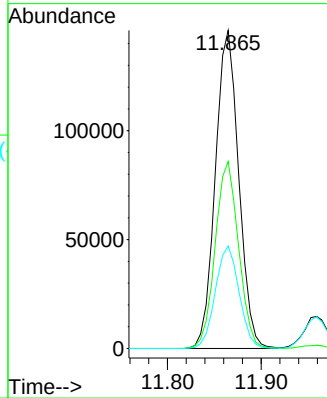
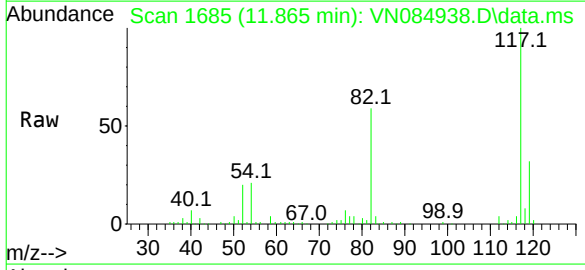
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:	117	Resp:	252679
Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.2	70.8
119	32.2	25.4	38.0

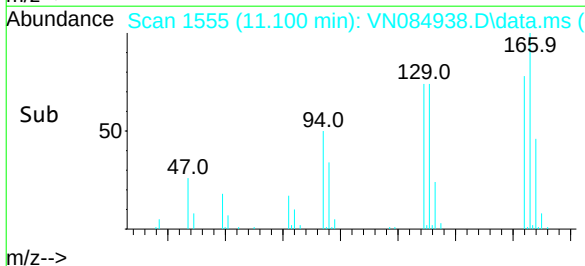
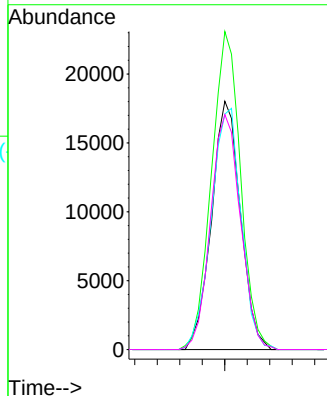
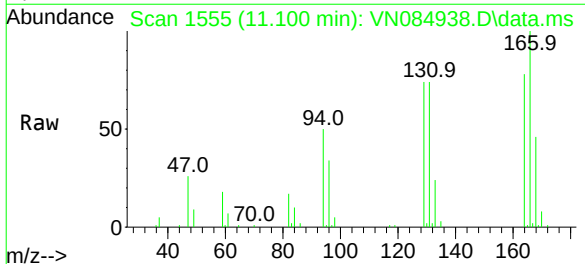
Manual Integrations
APPROVED

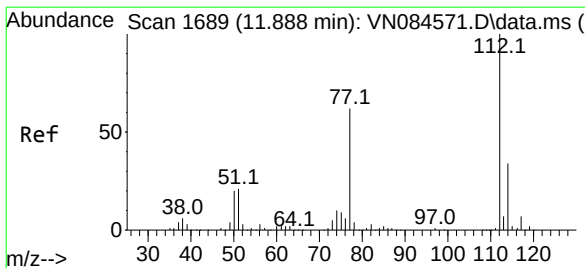
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#64
Tetrachloroethene
Concen: 19.153 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:	164	Resp:	32191
Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.0	151.4
129	94.9	80.8	121.2
131	94.6	78.1	117.1





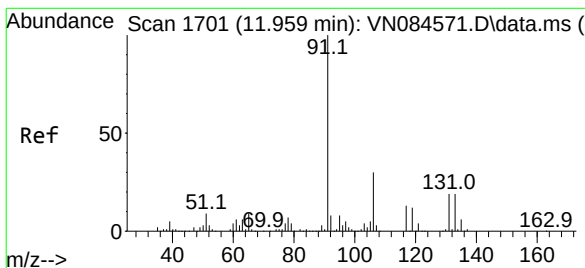
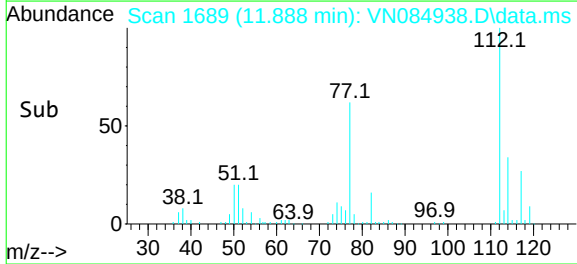
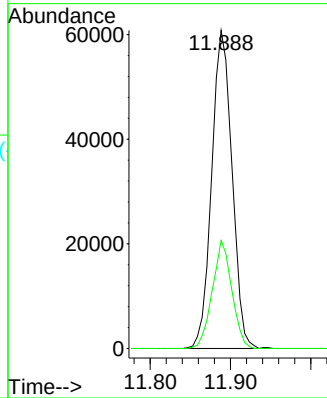
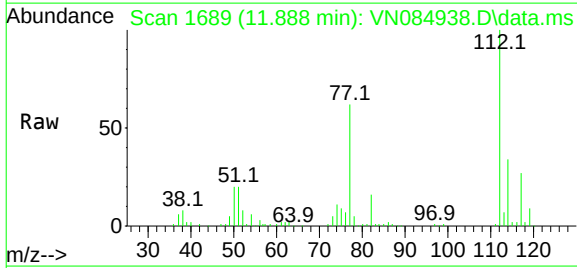
#65
Chlorobenzene
Concen: 18.939 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:112 Resp: 107058
Ion Ratio Lower Upper
112 100
114 34.0 27.0 40.6

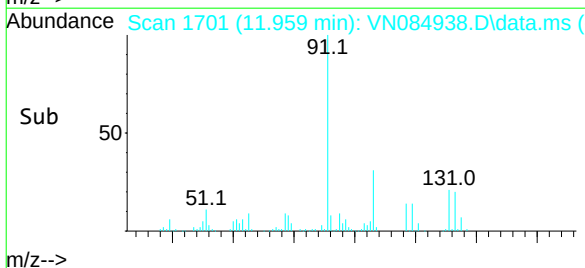
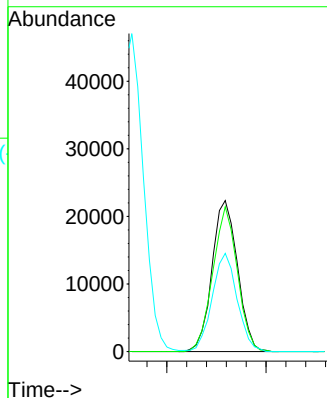
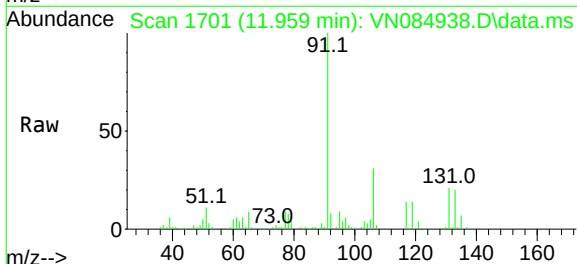
Manual Integrations
APPROVED

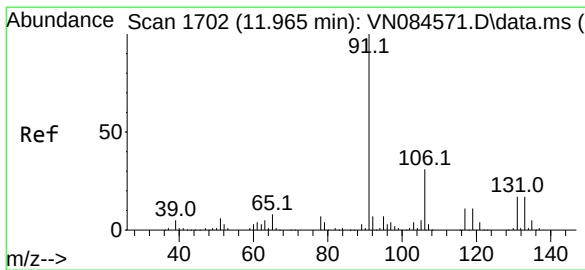
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 20.291 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:131 Resp: 39898
Ion Ratio Lower Upper
131 100
133 92.5 47.9 143.7
119 63.9 32.8 98.3





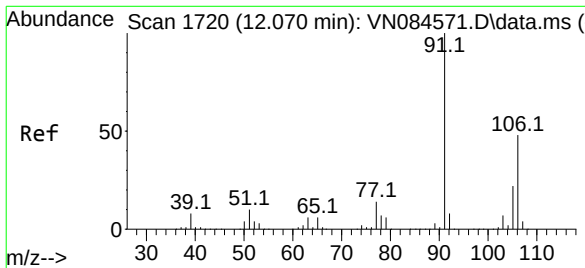
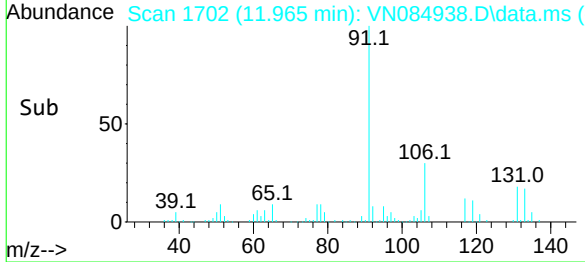
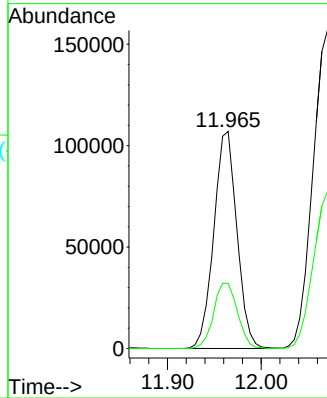
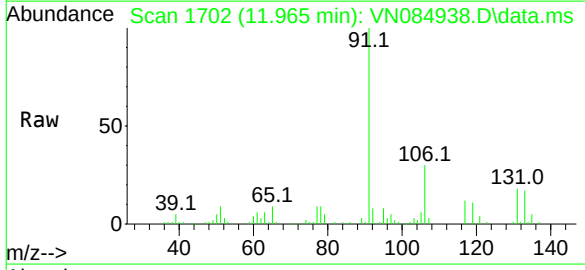
#67
Ethyl Benzene
Concen: 19.439 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 91 Resp: 183422
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

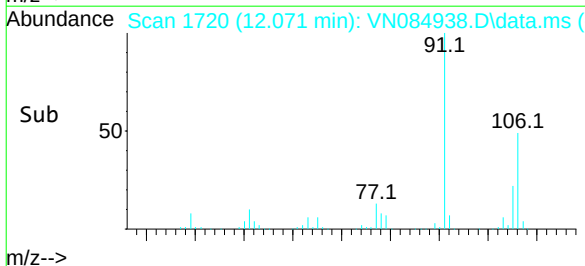
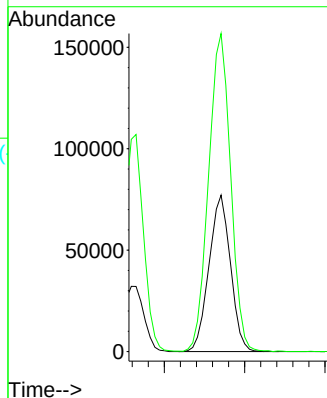
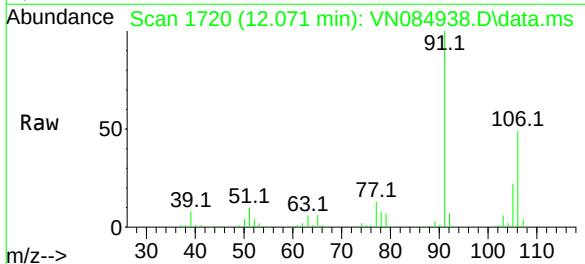
Manual Integrations
APPROVED

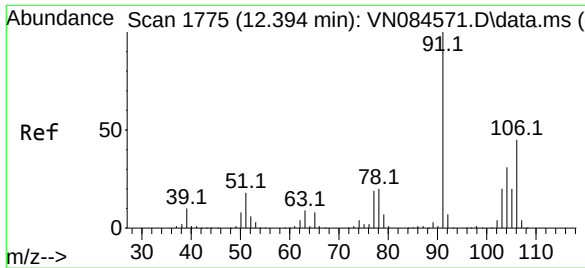
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#68
m/p-Xylenes
Concen: 40.117 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:106 Resp: 143310
Ion Ratio Lower Upper
106 100
91 208.5 167.1 250.7





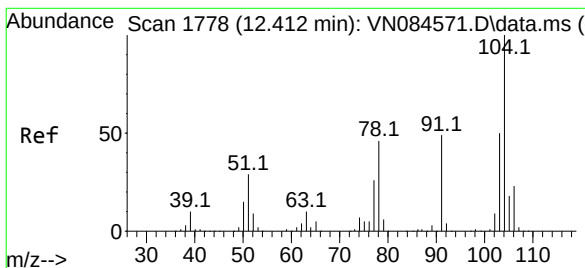
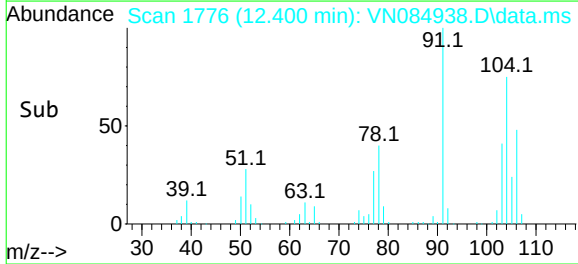
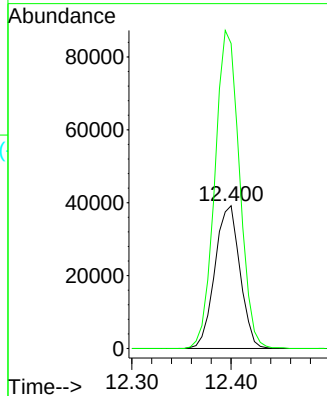
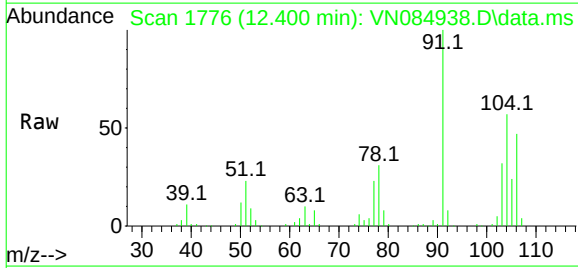
#69
o-Xylene
Concen: 20.606 ug/l
RT: 12.400 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:106 Resp: 68863
Ion Ratio Lower Upper
106 100
91 218.6 110.2 330.6

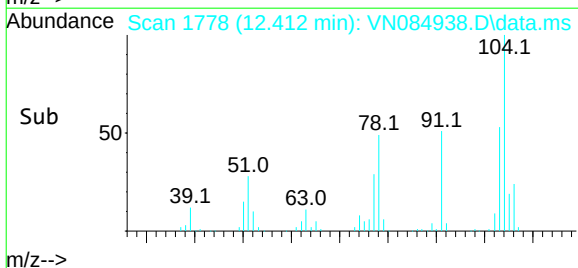
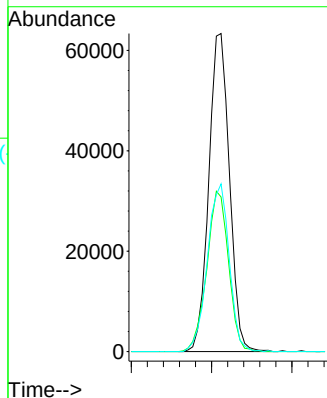
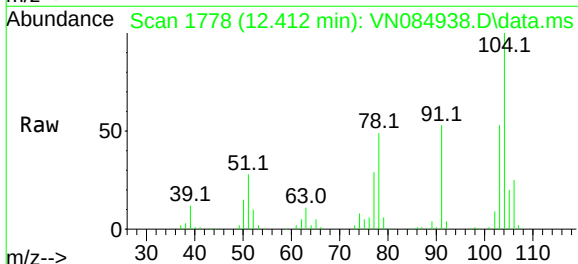
Manual Integrations
APPROVED

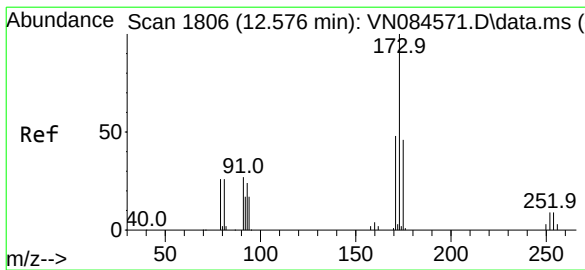
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#70
Styrene
Concen: 19.406 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:104 Resp: 113129
Ion Ratio Lower Upper
104 100
78 53.1 42.7 64.1
103 55.8 43.6 65.4





#71

Bromoform

Concen: 20.345 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

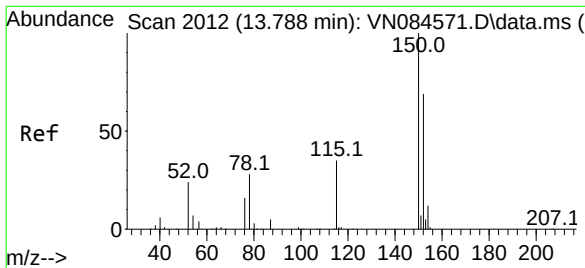
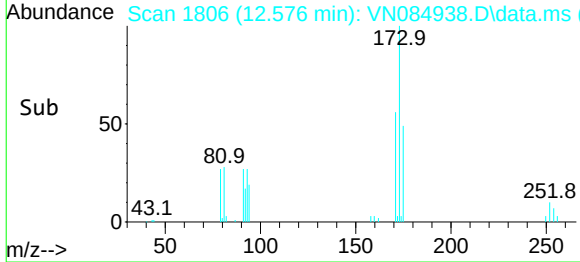
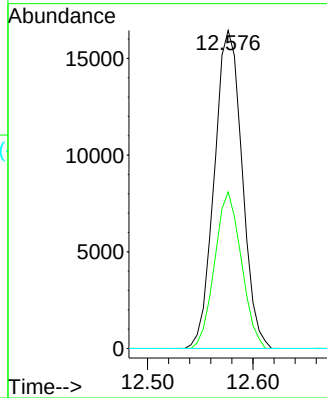
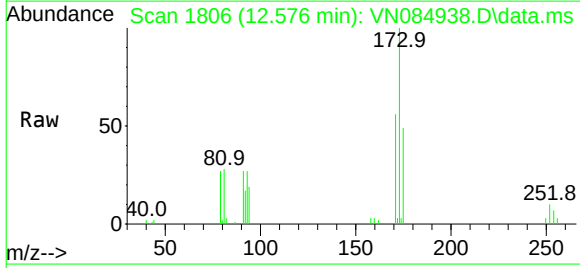
Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.2	23.5	70.6
254	0.0	0.0	0.0

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

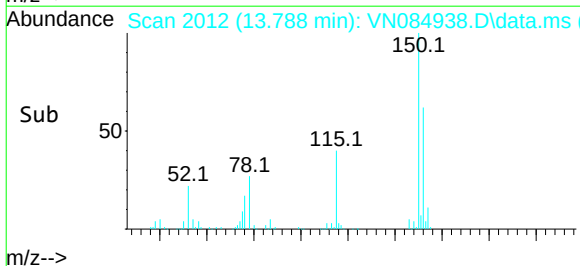
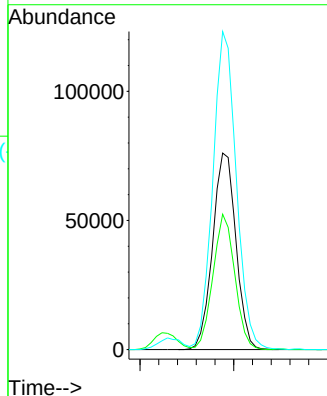
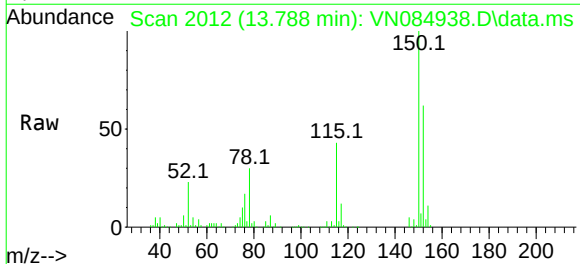
RT: 13.788 min Scan# 2012

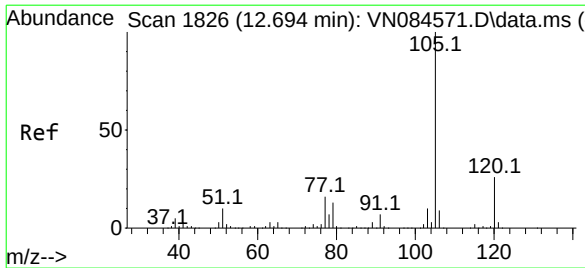
Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	31.3	93.9
150	163.2	0.0	349.8





#73

Isopropylbenzene

Concen: 18.929 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

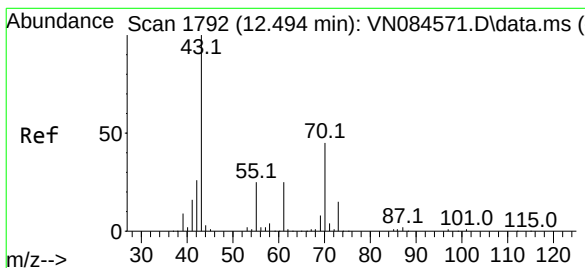
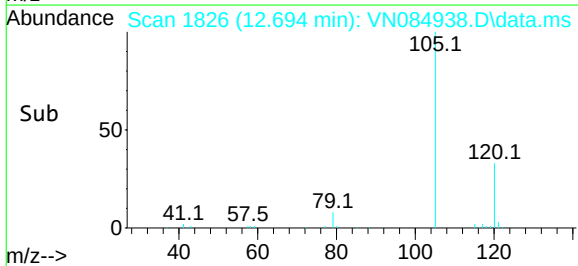
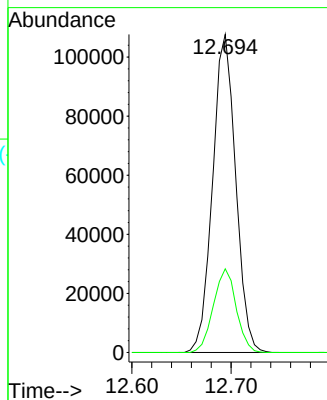
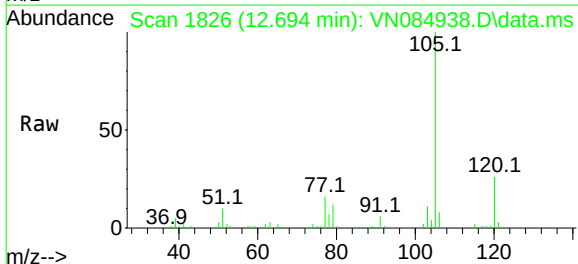
ClientSampleId :

VN1119WBS01

Tgt Ion: 105 Resp: 173994
 Ion Ratio Lower Upper
 105 100
 120 26.0 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: 19.078 ug/l

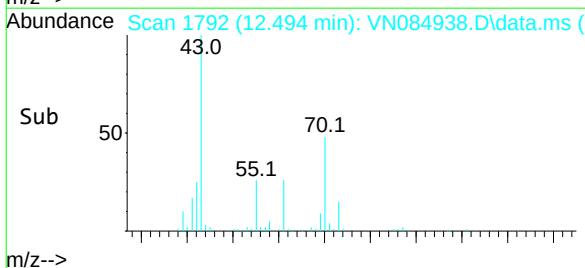
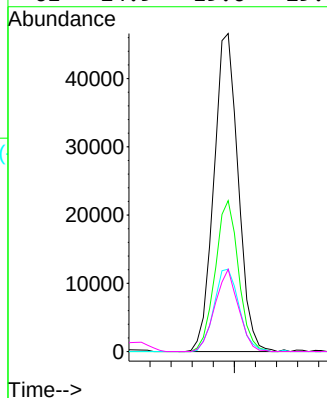
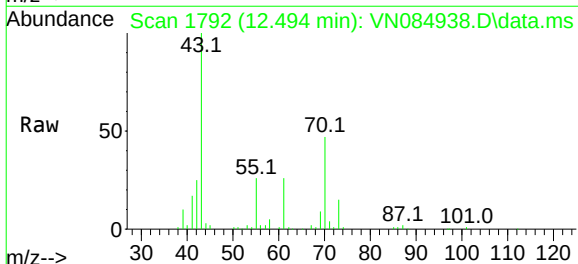
RT: 12.494 min Scan# 1792

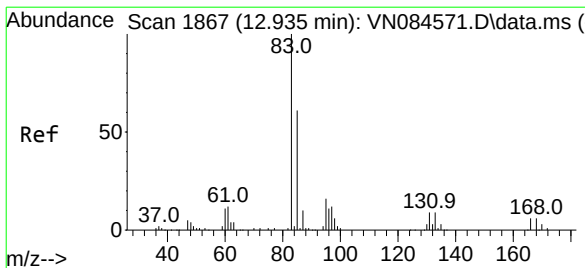
Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Tgt Ion: 43 Resp: 74637
 Ion Ratio Lower Upper
 43 100
 70 45.5 34.4 51.6
 55 26.9 19.6 29.4
 61 24.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.158 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

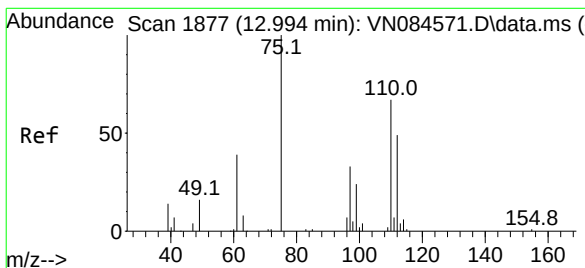
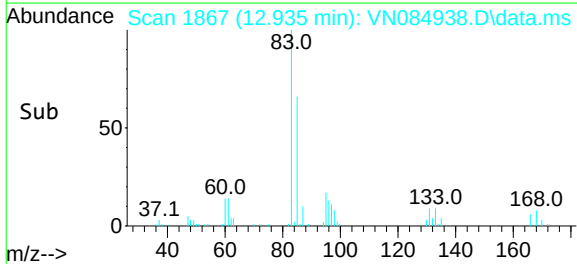
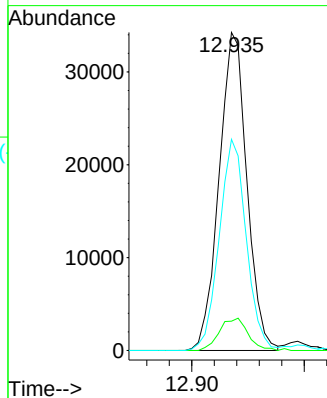
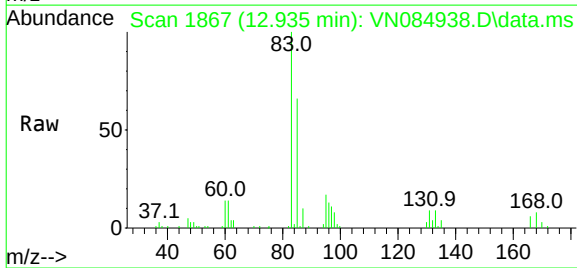
Tgt Ion: 83	Resp: 58779
Ion Ratio	Lower Upper
83 100	
131 10.6	4.9 14.7
85 64.5	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#76

1,2,3-Trichloropropane

Concen: 18.894 ug/l m

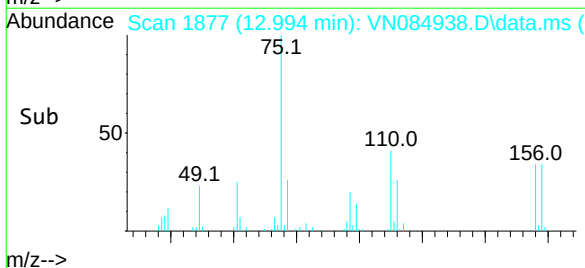
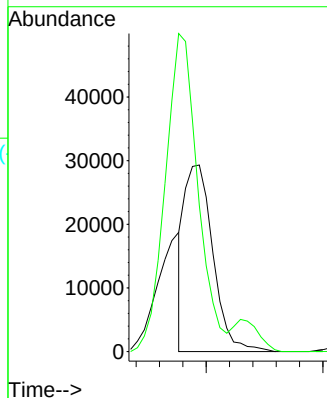
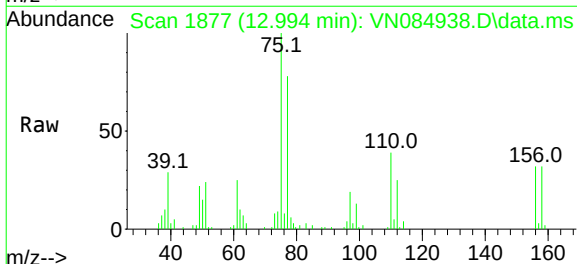
RT: 12.994 min Scan# 1877

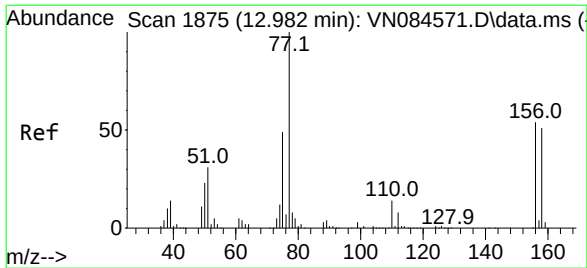
Delta R.T. 0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

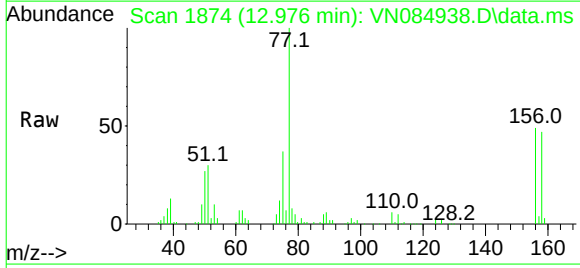
Tgt Ion: 75	Resp: 49539
Ion Ratio	Lower Upper
75 100	
77 196.0	96.9 290.7





#77
Bromobenzene
Concen: 17.496 ug/l
RT: 12.976 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

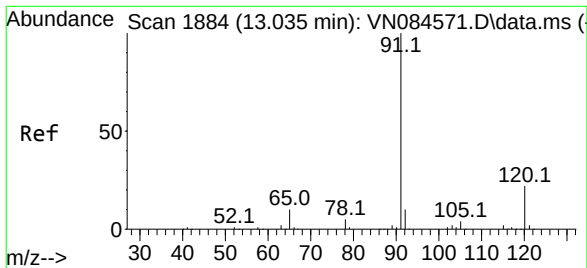
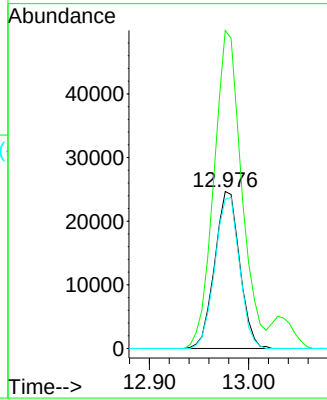
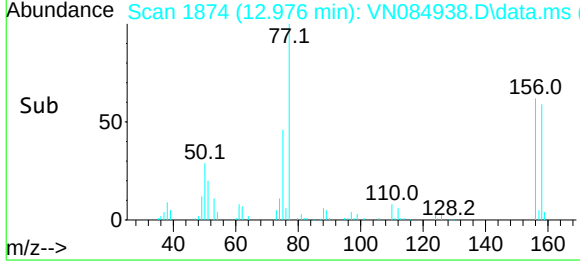
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01



Tgt Ion: 156 Resp: 43232
Ion Ratio Lower Upper
156 100
77 224.5 115.1 345.3
158 95.2 48.9 146.8

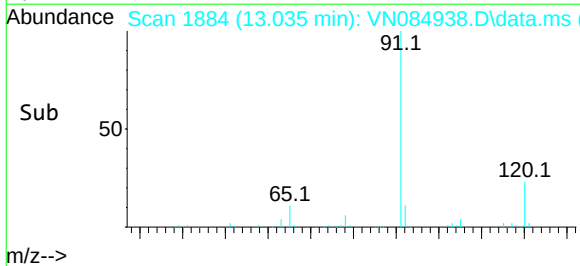
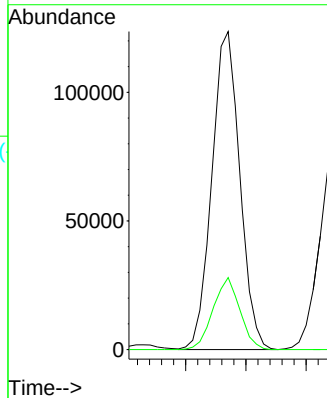
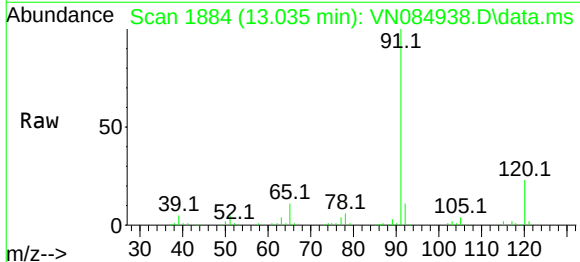
Manual Integrations
APPROVED

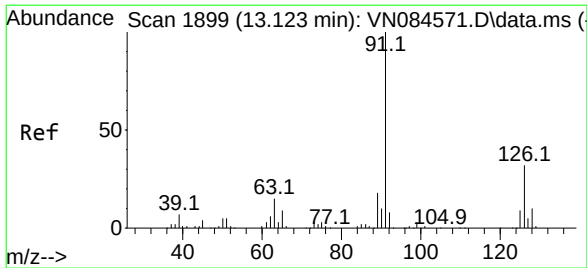
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#78
n-propylbenzene
Concen: 18.484 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 91 Resp: 199093
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.4





#79

2-Chlorotoluene

Concen: 18.762 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

Tgt Ion: 91 Resp: 132044

Ion Ratio Lower Upper

91 100

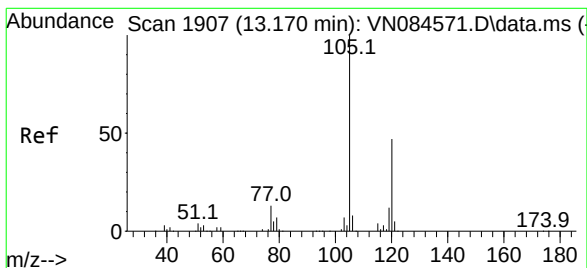
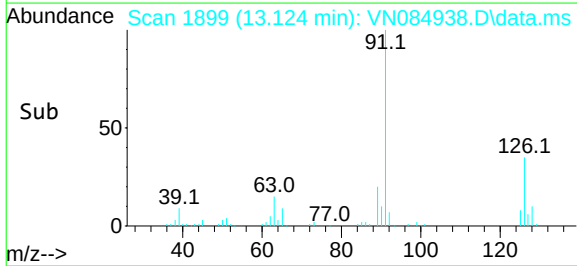
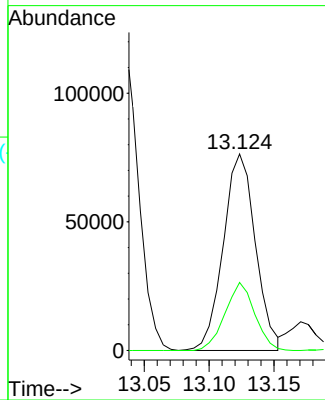
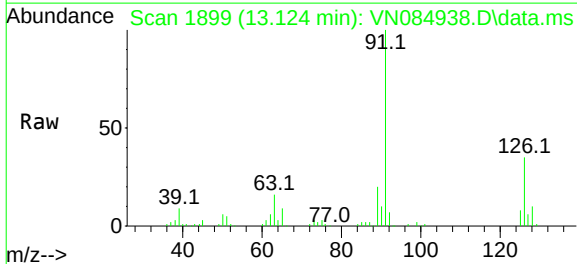
126 31.9 15.7 47.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#80

1,3,5-Trimethylbenzene

Concen: 19.429 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084938.D

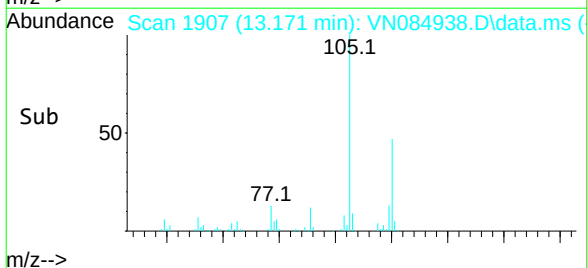
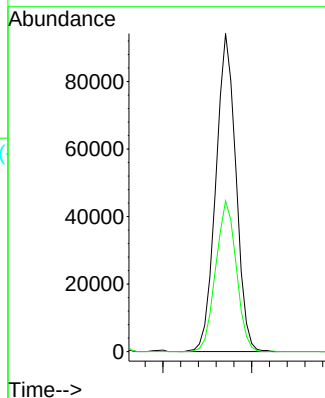
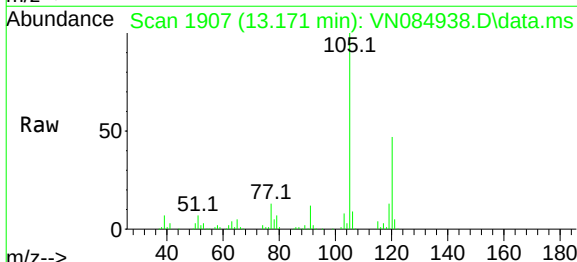
Acq: 19 Nov 2024 11:40

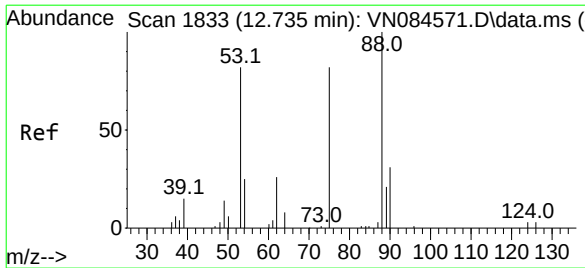
Tgt Ion:105 Resp: 148018

Ion Ratio Lower Upper

105 100

120 48.4 23.7 71.1





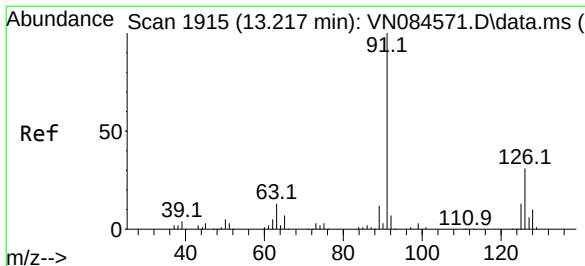
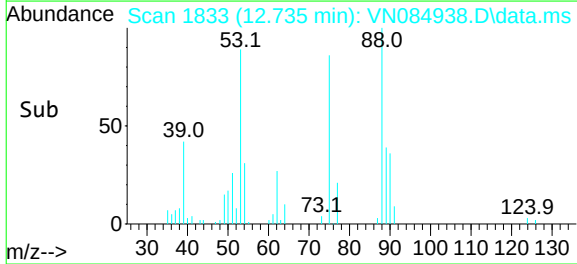
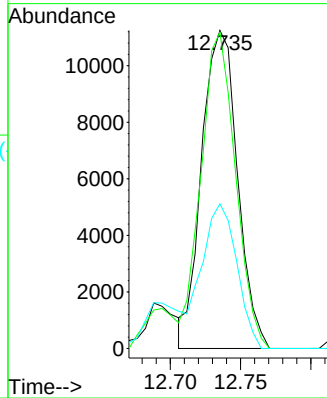
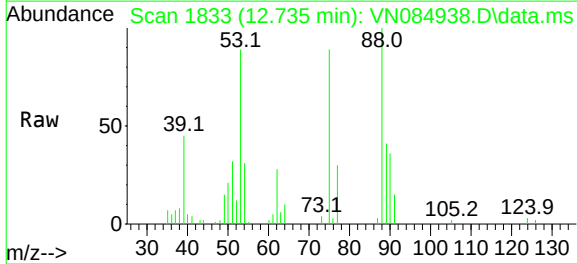
#81
trans-1,4-Dichloro-2-butene
Concen: 18.014 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion: 75 Resp: 19909
Ion Ratio Lower Upper
75 100
53 95.9 78.0 117.0
89 43.8 35.5 53.3

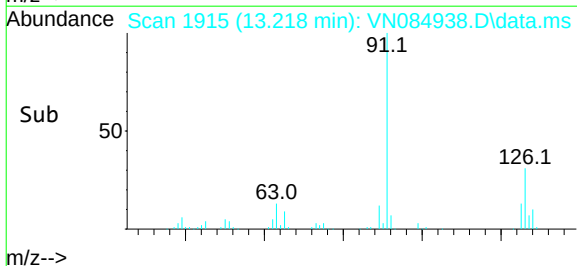
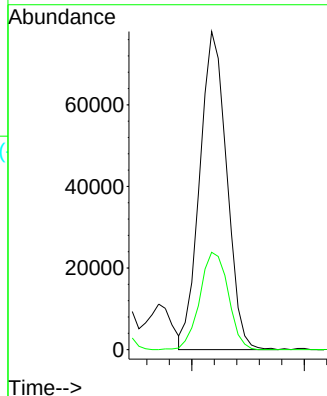
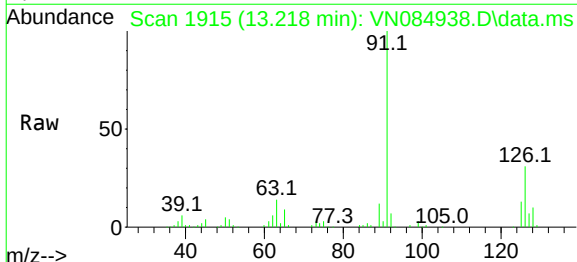
Manual Integrations
APPROVED

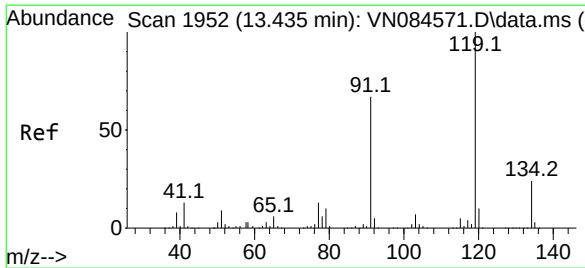
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#82
4-Chlorotoluene
Concen: 17.532 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion: 91 Resp: 129851
Ion Ratio Lower Upper
91 100
126 32.3 15.7 47.1





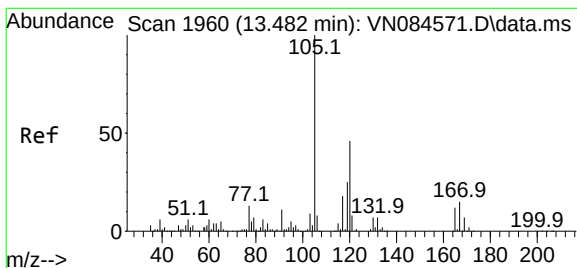
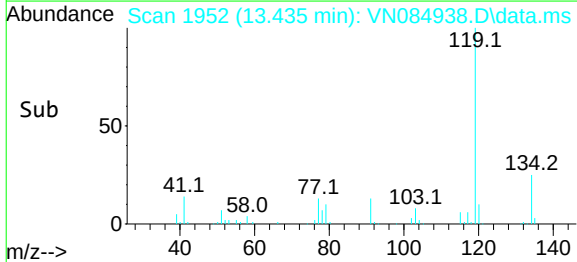
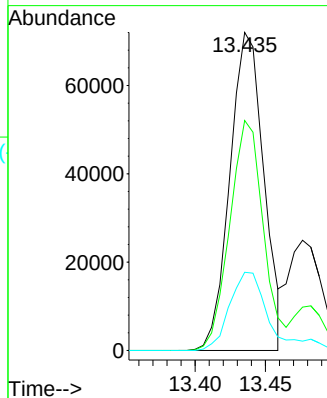
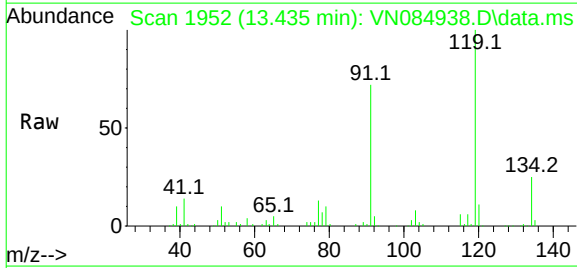
#83
tert-Butylbenzene
Concen: 19.173 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:119 Resp: 120889
Ion Ratio Lower Upper
119 100
91 72.0 34.1 102.3
134 28.7 12.8 38.4

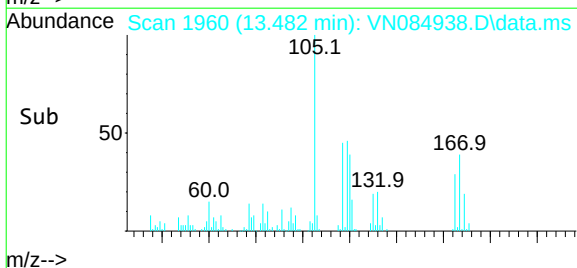
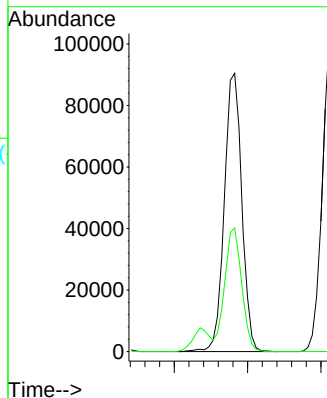
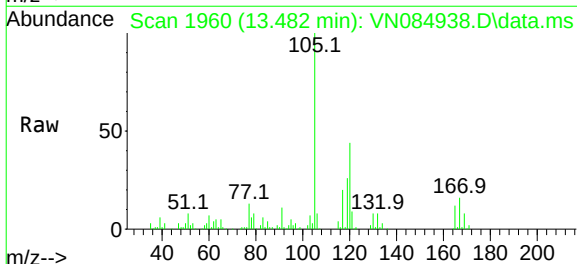
Manual Integrations
APPROVED

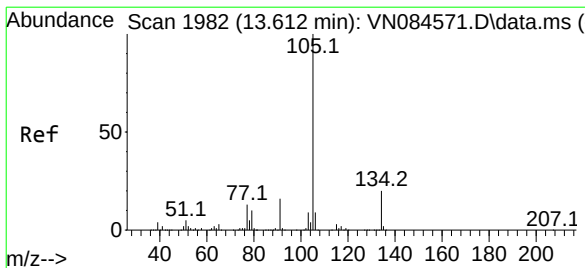
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.065 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:105 Resp: 149905
Ion Ratio Lower Upper
105 100
120 43.3 22.3 66.8





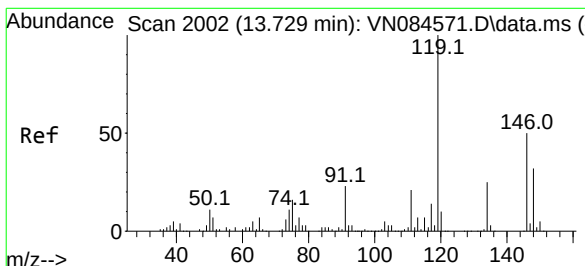
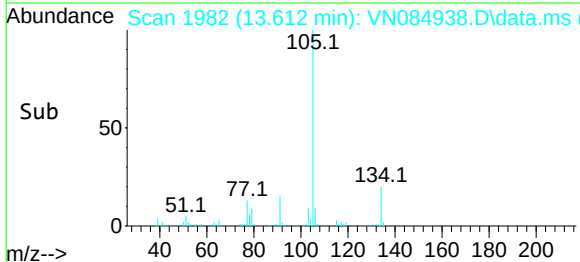
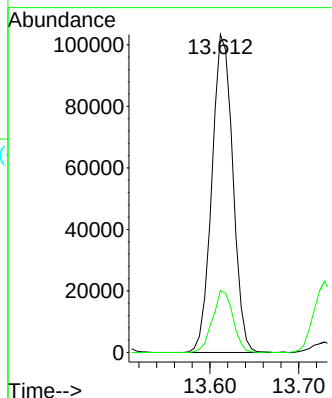
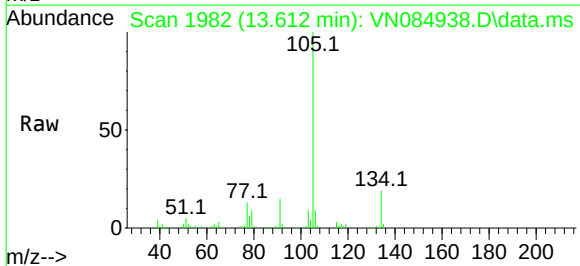
#85
 sec-Butylbenzene
 Concen: 19.019 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084938.D
 Acq: 19 Nov 2024 11:40

Instrument : MSVOA_N
 ClientSampleId : VN1119WBS01

Tgt Ion:105 Resp: 169384
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.4

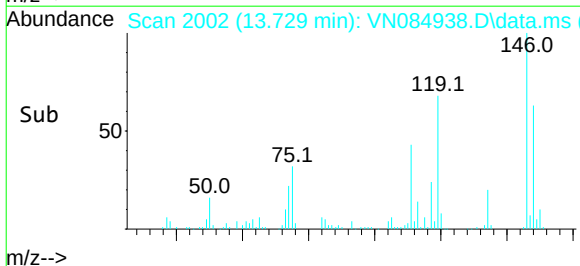
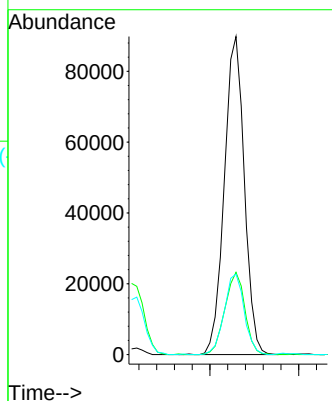
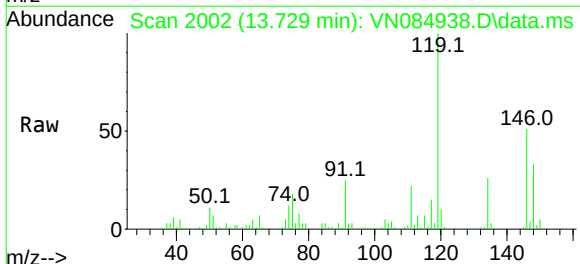
Manual Integrations
 APPROVED

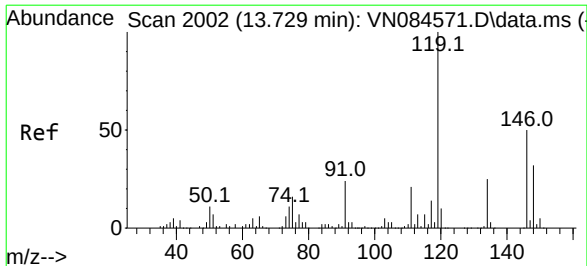
Reviewed By :John Carlone 11/20/2024
 Supervised By :Mahesh Dadoda 11/20/2024



#86
 p-Isopropyltoluene
 Concen: 19.242 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084938.D
 Acq: 19 Nov 2024 11:40

Tgt Ion:119 Resp: 140547
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.6 37.8
 91 25.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.675 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

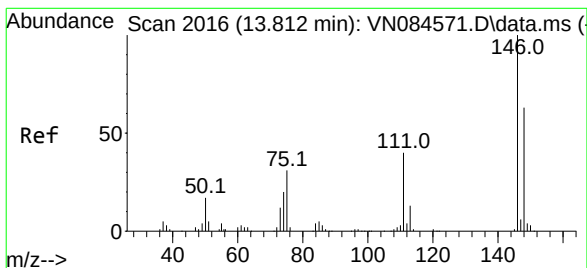
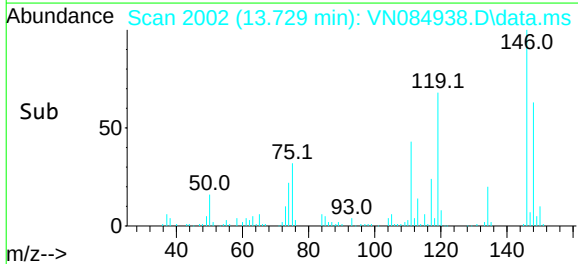
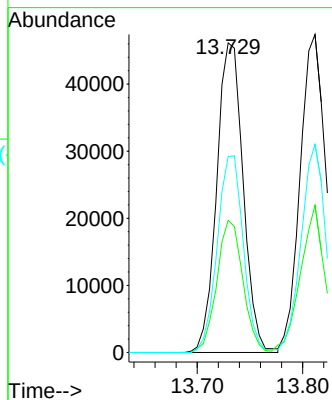
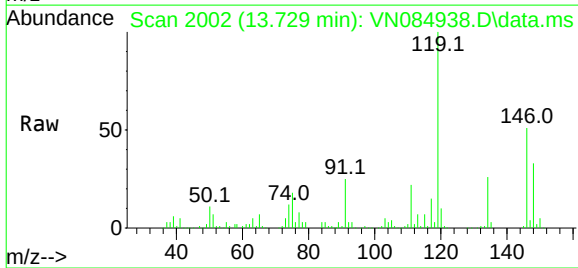
Tgt Ion:	146	Resp:	80412
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.8	65.3
148	62.9	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#88

1,4-Dichlorobenzene

Concen: 17.455 ug/l

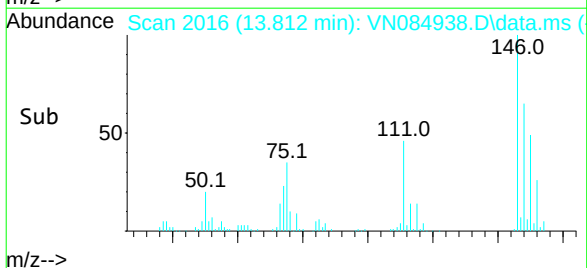
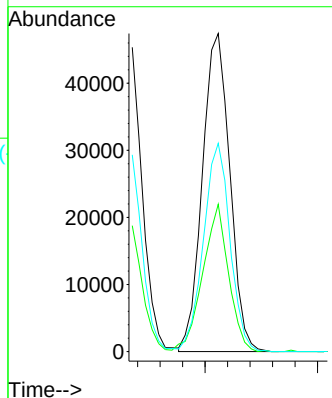
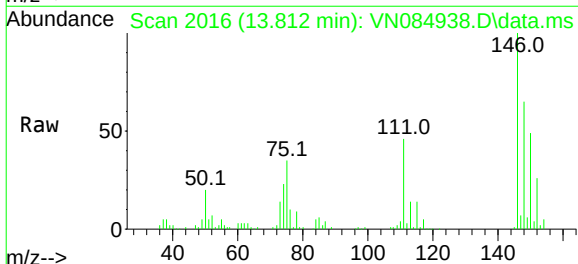
RT: 13.812 min Scan# 2016

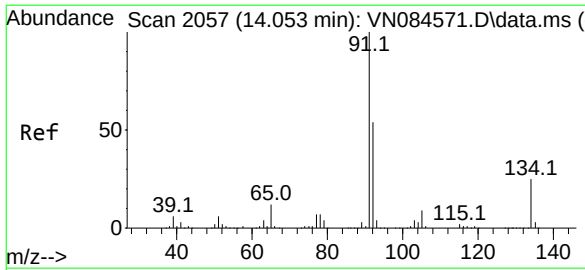
Delta R.T. -0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Tgt Ion:	146	Resp:	80399
Ion Ratio	Lower	Upper	
146	100		
111	43.5	21.2	63.6
148	63.4	31.9	95.9





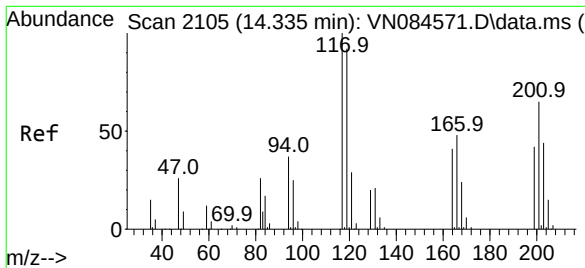
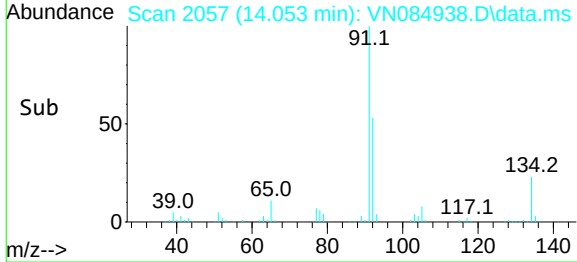
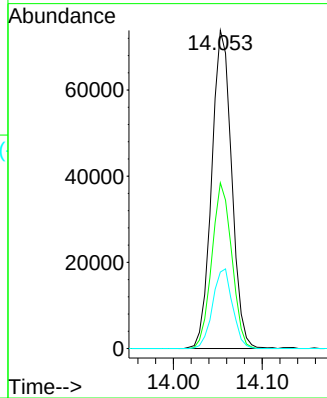
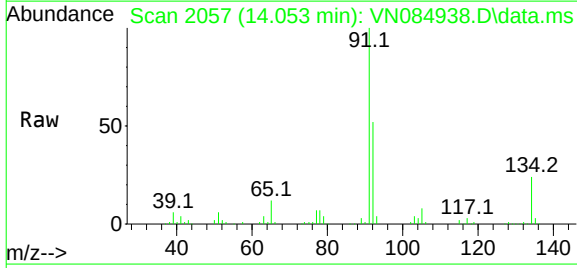
#89
n-Butylbenzene
Concen: 16.921 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tgt Ion:	91	Resp:	115610
Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.6	79.7
134	24.9	12.3	36.9

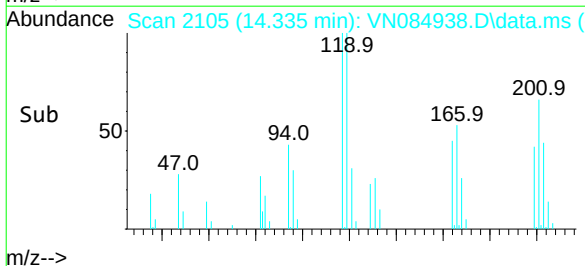
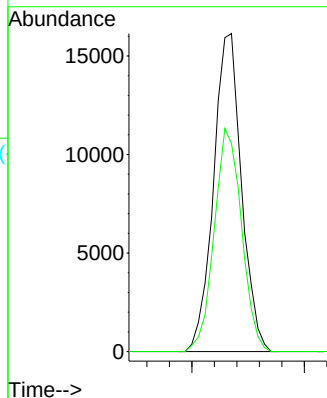
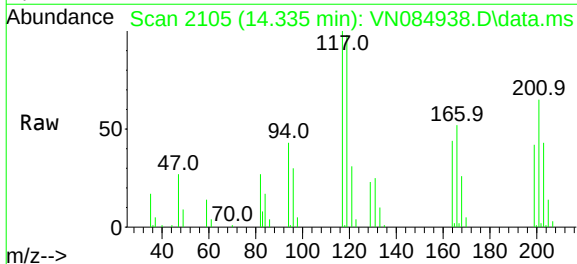
Manual Integrations
APPROVED

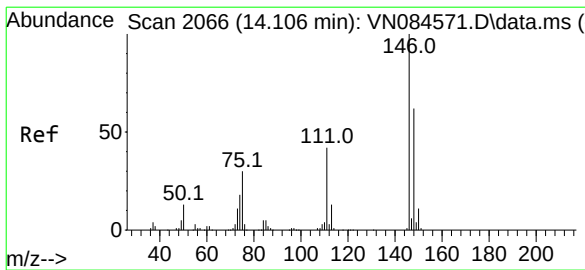
Reviewed By :John Carlone 11/20/2024
Supervised By :Mahesh Dadoda 11/20/2024



#90
Hexachloroethane
Concen: 17.118 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084938.D
Acq: 19 Nov 2024 11:40

Tgt Ion:	117	Resp:	27883
Ion	Ratio	Lower	Upper
117	100		
201	68.5	34.4	103.2





#91

1,2-Dichlorobenzene

Concen: 16.949 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

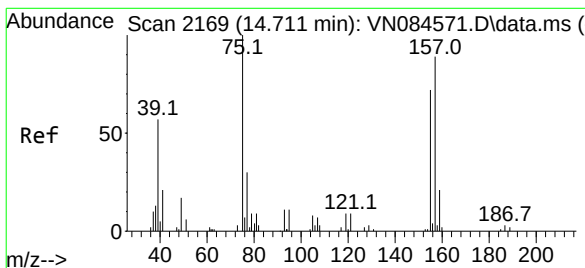
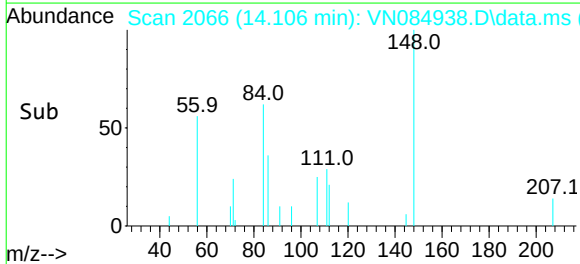
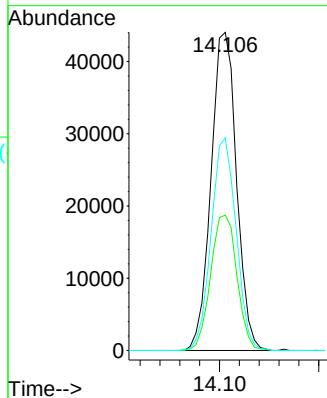
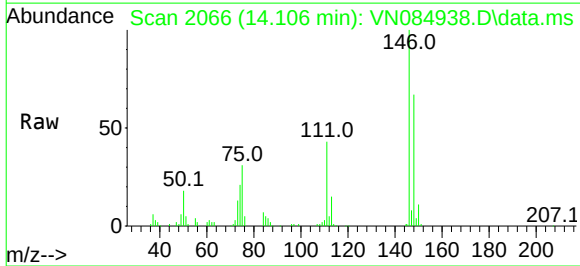
Tgt Ion:	146	Resp:	78540
Ion Ratio	Lower	Upper	
146	100		
111	43.9	22.0	66.0
148	65.6	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.803 ug/l

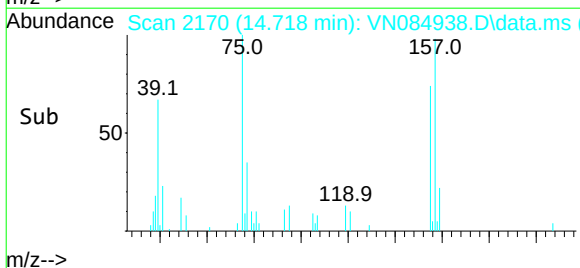
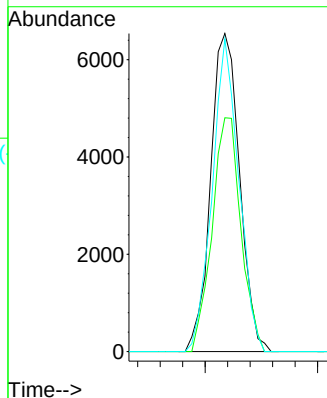
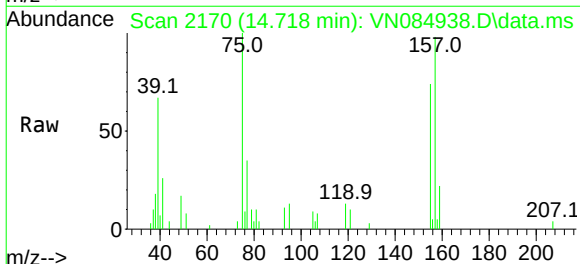
RT: 14.718 min Scan# 2170

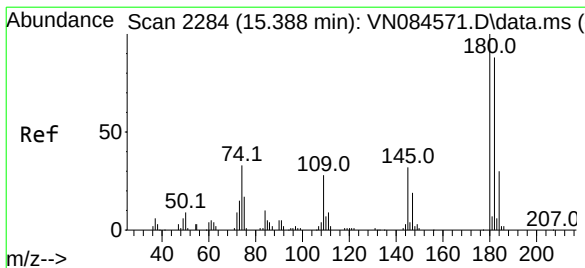
Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Tgt Ion:	75	Resp:	11687
Ion Ratio	Lower	Upper	
75	100		
155	72.9	38.1	114.5
157	90.5	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 15.011 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

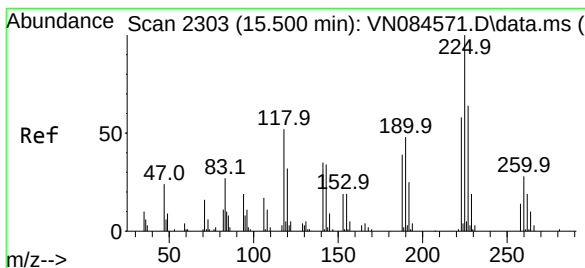
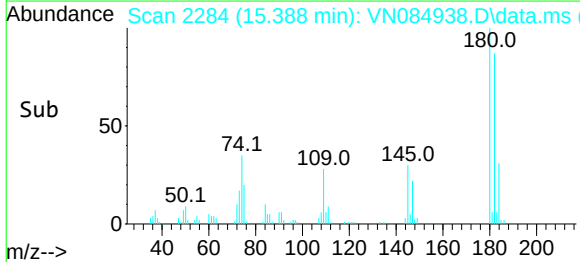
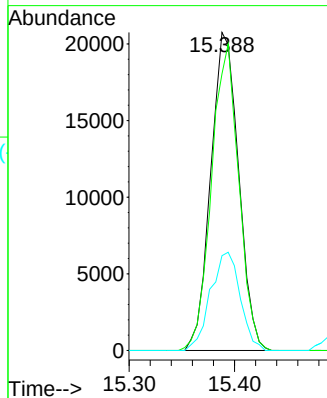
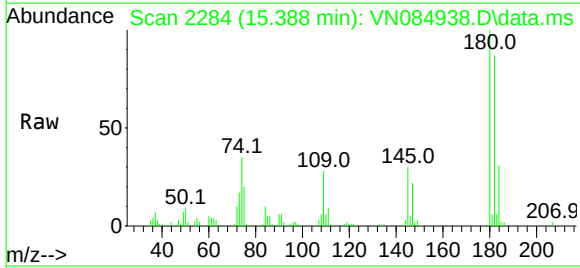
Tgt Ion:	180	Resp:	38073
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.0	141.0
145	32.9	16.4	49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#94

Hexachlorobutadiene

Concen: 16.146 ug/l

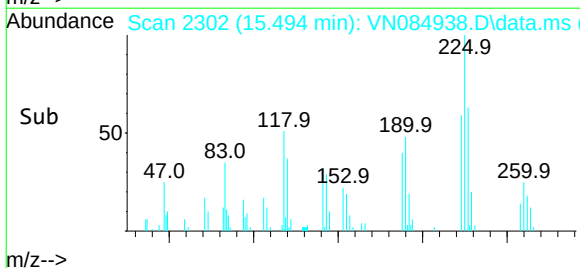
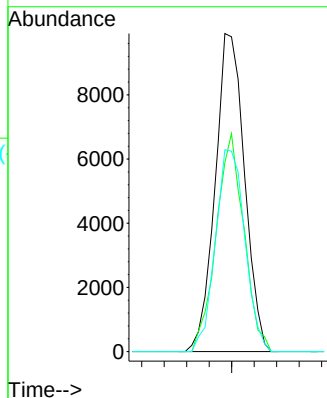
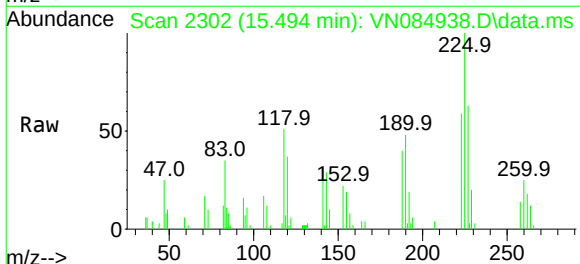
RT: 15.494 min Scan# 2302

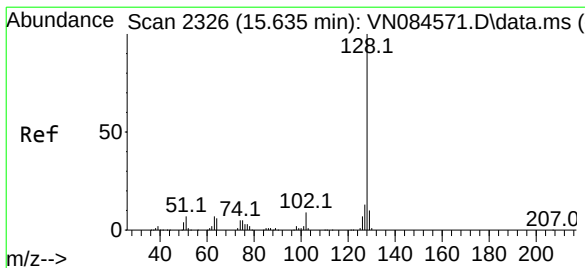
Delta R.T. -0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Tgt Ion:	225	Resp:	17984
Ion Ratio	Lower	Upper	
225	100		
223	64.8	32.4	97.2
227	63.7	32.4	97.0





#95

Naphthalene

Concen: 15.526 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

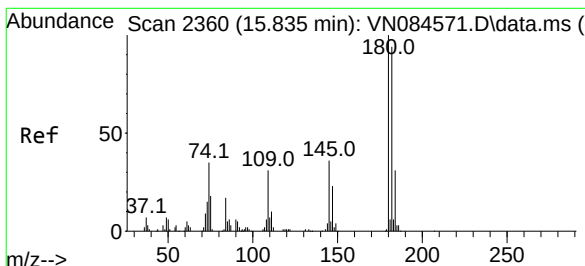
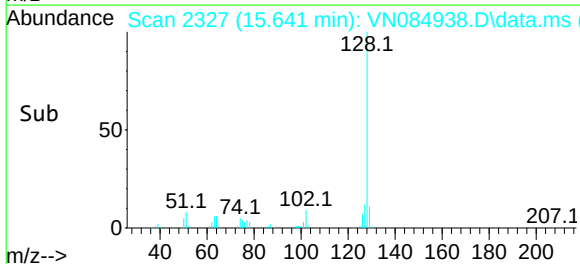
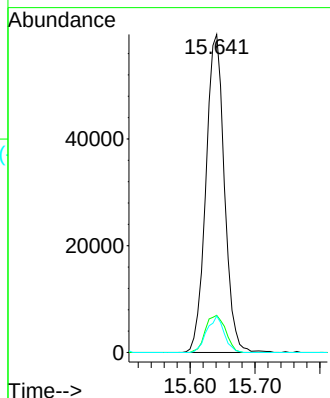
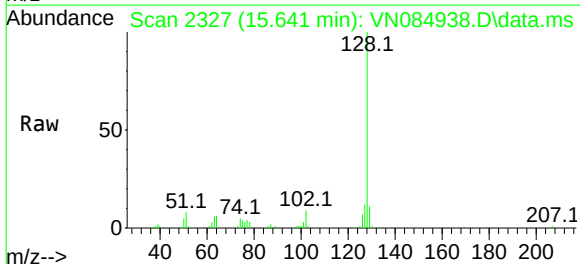
Tgt Ion:	128	Resp:	117873
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/20/2024

Supervised By :Mahesh Dadoda 11/20/2024



#96

1,2,3-Trichlorobenzene

Concen: 14.782 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084938.D

Acq: 19 Nov 2024 11:40

Tgt Ion:	180	Resp:	36396
Ion	Ratio	Lower	Upper
180	100		
182	98.9	48.2	144.6
145	35.4	17.3	51.9

