

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084999.D
 Acq On : 21 Nov 2024 17:20
 Operator : JC\MD
 Sample : VN1121WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:36:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	138009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	233557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	207781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103882	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	104684	52.518	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.040%
35) Dibromofluoromethane	8.165	113	81197	51.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	10.565	98	276774	47.527	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.847	95	111628	51.289	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.580%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	27887	17.578	ug/l	95
3) Chloromethane	2.359	50	29638	14.112	ug/l	96
4) Vinyl Chloride	2.506	62	29127	17.069	ug/l	95
5) Bromomethane	2.900	94	15792	17.467	ug/l	84
6) Chloroethane	3.077	64	20174	18.212	ug/l	98
7) Trichlorofluoromethane	3.471	101	52849	18.801	ug/l	95
8) Diethyl Ether	3.953	74	20877	21.054	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	31186	19.635	ug/l	99
10) Methyl Iodide	4.583	142	38973	18.359	ug/l	99
11) Tert butyl alcohol	5.536	59	37105	141.023	ug/l	97
12) 1,1-Dichloroethene	4.324	96	27613	17.570	ug/l	93
13) Acrolein	4.177	56	23591	89.916	ug/l	99
14) Allyl chloride	5.018	41	49617	19.467	ug/l	92
15) Acrylonitrile	5.718	53	89864	117.979	ug/l	99
16) Acetone	4.424	43	77510	133.282	ug/l	97
17) Carbon Disulfide	4.700	76	64909	13.411	ug/l	98
18) Methyl Acetate	5.018	43	50541	21.776	ug/l	100
19) Methyl tert-butyl Ether	5.788	73	108026	22.425	ug/l	98
20) Methylene Chloride	5.265	84	35202	20.079	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	29581	18.330	ug/l	91
22) Diisopropyl ether	6.671	45	109284	21.579	ug/l	97
23) Vinyl Acetate	6.600	43	393881	112.778	ug/l	98
24) 1,1-Dichloroethane	6.559	63	61415	20.198	ug/l	97
25) 2-Butanone	7.482	43	121248	130.382	ug/l	97
26) 2,2-Dichloropropane	7.482	77	53525	20.225	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	38352	20.353	ug/l	95
28) Bromochloromethane	7.812	49	26997	22.286	ug/l	95
29) Tetrahydrofuran	7.841	42	76451	123.920	ug/l	97
30) Chloroform	7.959	83	66231	21.401	ug/l	93
31) Cyclohexane	8.253	56	46156	16.772	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	58498	20.768	ug/l	94
36) 1,1-Dichloropropene	8.365	75	40212	18.341	ug/l	98
37) Ethyl Acetate	7.559	43	49202	24.734	ug/l	99
38) Carbon Tetrachloride	8.359	117	48836	19.928	ug/l	99
39) Methylcyclohexane	9.600	83	39783	17.836	ug/l	97
40) Benzene	8.600	78	136317	19.360	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
 Data File : VN084999.D
 Acq On : 21 Nov 2024 17:20
 Operator : JC\MD
 Sample : VN1121WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:36:54 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	7.777	41	25461	23.801	ug/l	94
42) 1,2-Dichloroethane	8.671	62	49280	21.611	ug/l	99
43) Isopropyl Acetate	8.688	43	87879	23.399	ug/l	98
44) Trichloroethene	9.353	130	31053	19.123	ug/l	90
45) 1,2-Dichloropropane	9.618	63	34288	20.759	ug/l	90
46) Dibromomethane	9.706	93	25190	21.613	ug/l	99
47) Bromodichloromethane	9.888	83	52560	21.394	ug/l #	95
48) Methyl methacrylate	9.676	41	37388	24.150	ug/l	99
49) 1,4-Dioxane	9.700	88	12710	463.282	ug/l #	75
51) 4-Methyl-2-Pentanone	10.441	43	247482	130.504	ug/l	99
52) Toluene	10.629	92	84845	20.603	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	50847	19.994	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	55489	20.616	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	34815	22.444	ug/l	96
56) Ethyl methacrylate	10.870	69	54290	24.196	ug/l	93
57) 1,3-Dichloropropane	11.159	76	57832	21.723	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	114207	108.776	ug/l	96
59) 2-Hexanone	11.194	43	185307	134.249	ug/l	100
60) Dibromochloromethane	11.359	129	40195	22.736	ug/l	100
61) 1,2-Dibromoethane	11.465	107	34708	21.850	ug/l	99
64) Tetrachloroethene	11.100	164	25981	18.798	ug/l	96
65) Chlorobenzene	11.888	112	90488	19.466	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	34891	21.579	ug/l	98
67) Ethyl Benzene	11.965	91	151552	19.532	ug/l	98
68) m/p-Xylenes	12.070	106	118016	40.175	ug/l	100
69) o-Xylene	12.394	106	58082	21.136	ug/l	99
70) Styrene	12.412	104	97305	20.298	ug/l	98
71) Bromoform	12.576	173	27905	22.936	ug/l #	99
73) Isopropylbenzene	12.694	105	142970	19.639	ug/l	100
74) N-amyl acetate	12.494	43	67634	21.829	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	53957	22.205	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	42244m	20.343	ug/l	
77) Bromobenzene	12.982	156	37591	19.208	ug/l	98
78) n-propylbenzene	13.035	91	169045	19.816	ug/l	99
79) 2-Chlorotoluene	13.123	91	110371	19.801	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	125282	20.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	19035	21.747	ug/l	97
82) 4-Chlorotoluene	13.217	91	112209	19.128	ug/l	100
83) tert-Butylbenzene	13.435	119	105896	21.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	127537	20.480	ug/l	100
85) sec-Butylbenzene	13.611	105	142998	20.273	ug/l	99
86) p-Isopropyltoluene	13.729	119	117693	20.345	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	69136	18.102	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	69680	19.192	ug/l	99
89) n-Butylbenzene	14.053	91	94663	17.494	ug/l	100
90) Hexachloroethane	14.335	117	23840	18.479	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	69363	18.899	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11213	22.778	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	33952	16.902	ug/l	99
94) Hexachlorobutadiene	15.500	225	15783	17.891	ug/l	98
95) Naphthalene	15.641	128	110187	18.326	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33367	17.111	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112124\
Data File : VN084999.D
Acq On : 21 Nov 2024 17:20
Operator : JC\MD
Sample : VN1121WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

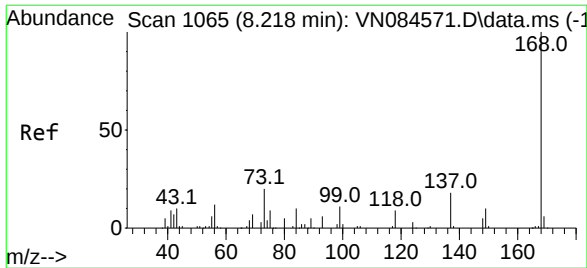
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 04:36:54 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

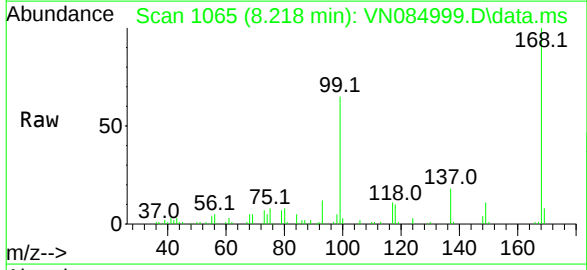
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

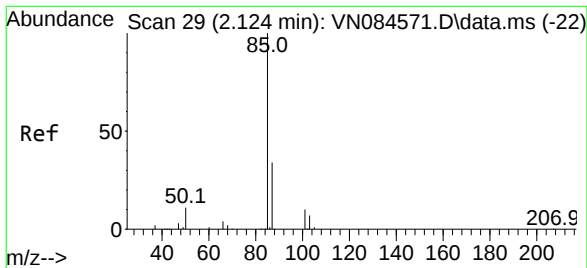
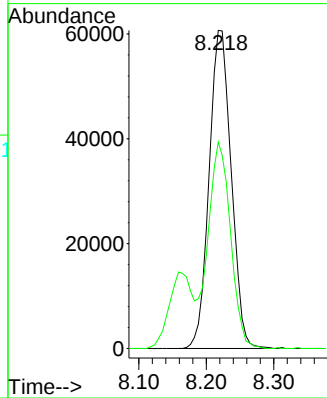
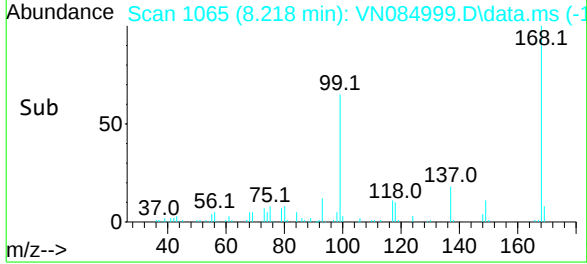
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion:168 Resp: 138009
Ion Ratio Lower Upper
168 100
99 64.7 54.2 81.2

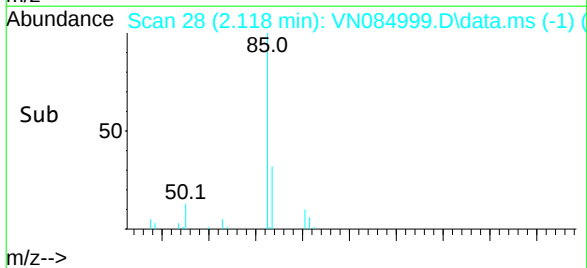
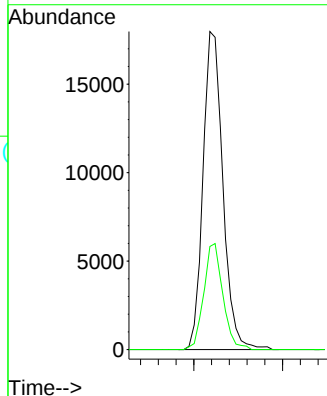
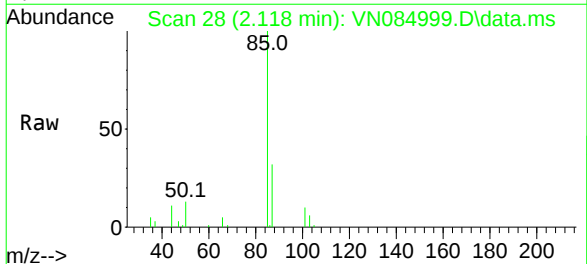
Manual Integrations
APPROVED

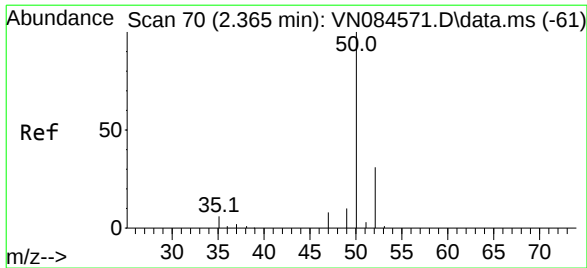
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#2
Dichlorodifluoromethane
Concen: 17.578 ug/l
RT: 2.118 min Scan# 28
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

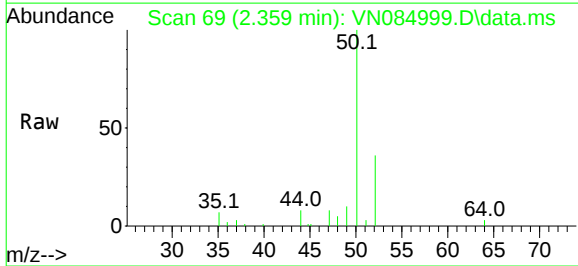
Tgt Ion: 85 Resp: 27887
Ion Ratio Lower Upper
85 100
87 32.4 17.6 52.9





#3
Chloromethane
Concen: 14.112 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

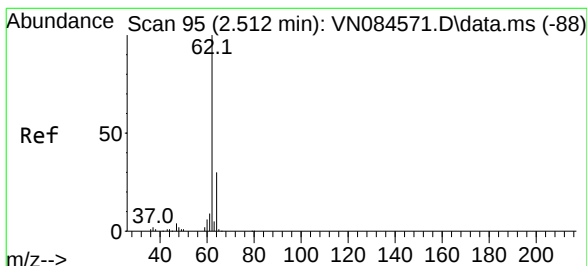
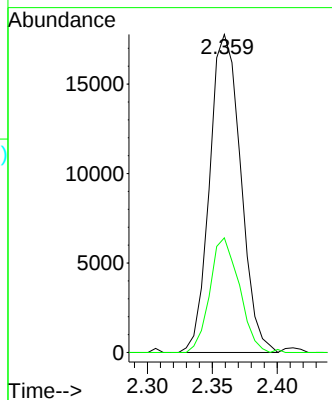
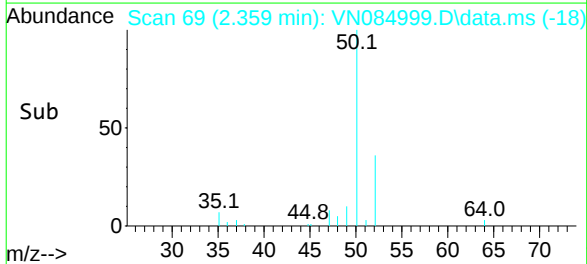
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 50 Resp: 29638
Ion Ratio Lower Upper
50 100
52 36.0 26.8 40.2

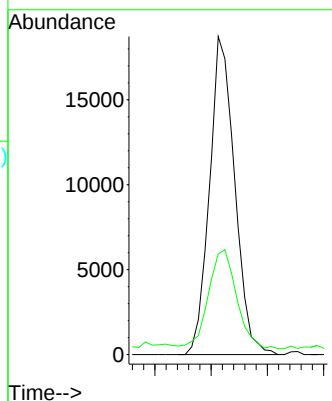
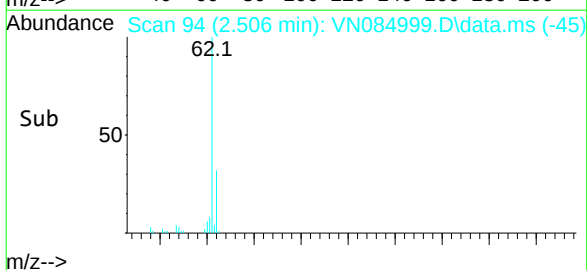
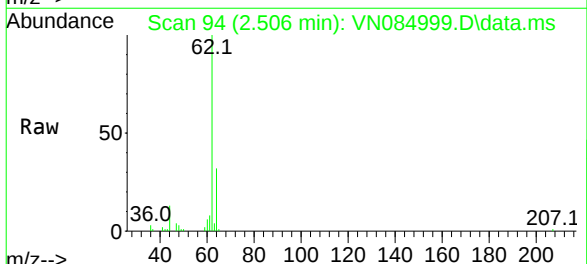
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#4
Vinyl Chloride
Concen: 17.069 ug/l
RT: 2.506 min Scan# 94
Delta R.T. -0.012 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

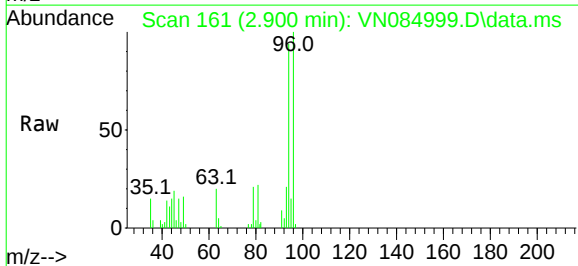
Tgt Ion: 62 Resp: 29127
Ion Ratio Lower Upper
62 100
64 29.7 26.2 39.4





#5
Bromomethane
Concen: 17.467 ug/l
RT: 2.900 min Scan# 161
Delta R.T. -0.053 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

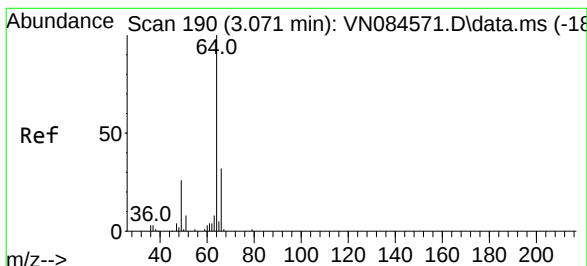
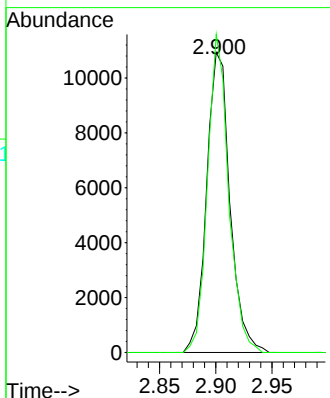
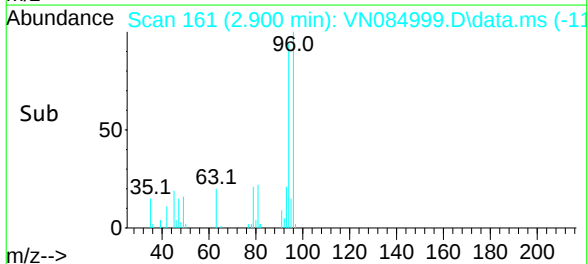
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 94 Resp: 15792
Ion Ratio Lower Upper
94 100
96 106.0 72.9 109.3

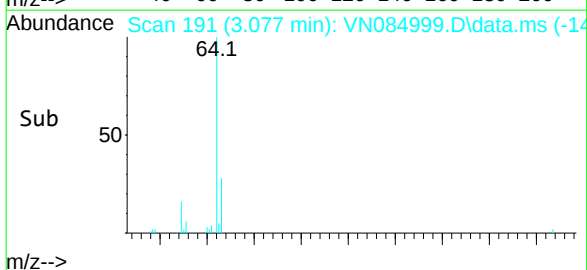
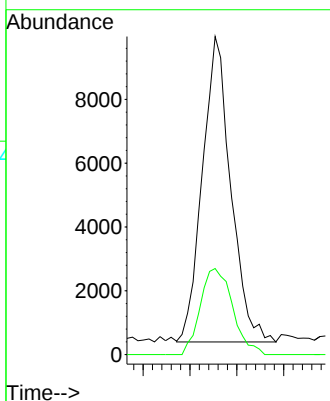
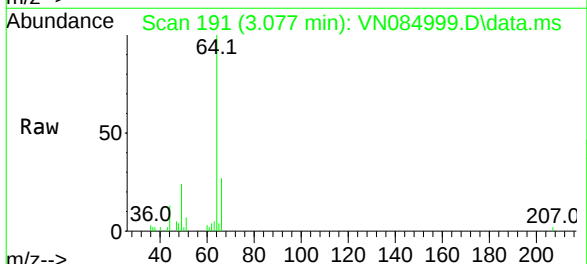
Manual Integrations
APPROVED

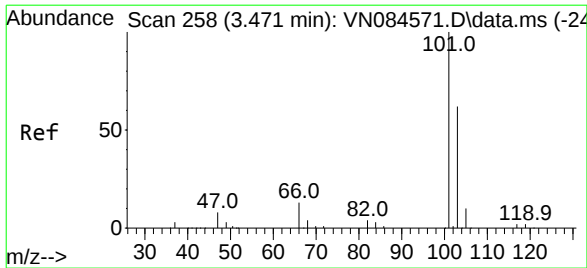
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#6
Chloroethane
Concen: 18.212 ug/l
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

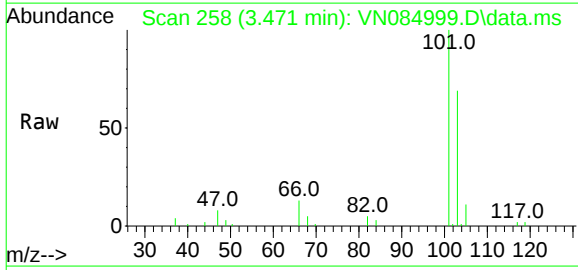
Tgt Ion: 64 Resp: 20174
Ion Ratio Lower Upper
64 100
66 28.2 23.5 35.3





Trichlorofluoromethane
 Concen: 18.801 ug/l
 RT: 3.471 min Scan# 258
 Delta R.T. -0.024 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

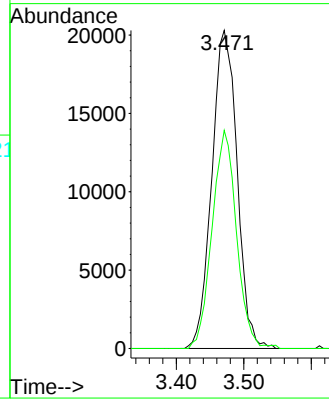
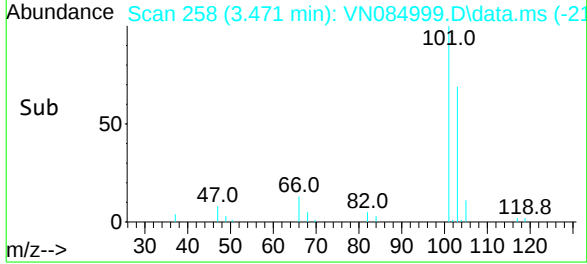
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD02



Tgt Ion: 101 Resp: 52849
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.8 77.6

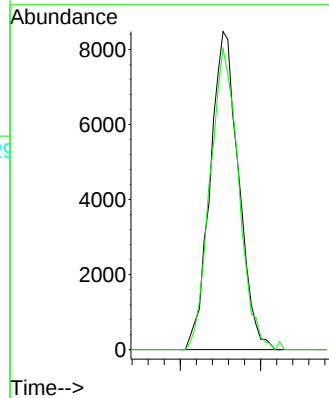
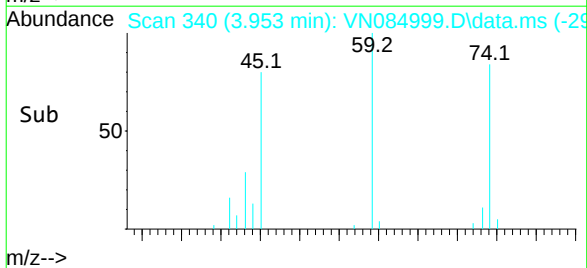
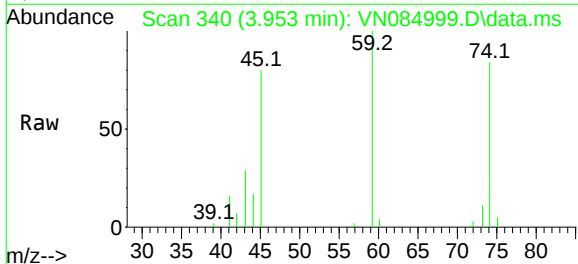
Manual Integrations
 APPROVED

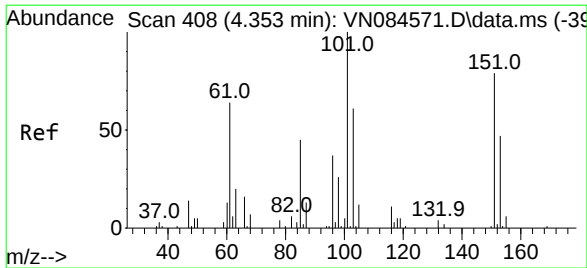
Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024



Diethyl Ether
 Concen: 21.054 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

Tgt Ion: 74 Resp: 20877
 Ion Ratio Lower Upper
 74 100
 45 95.0 47.7 143.1





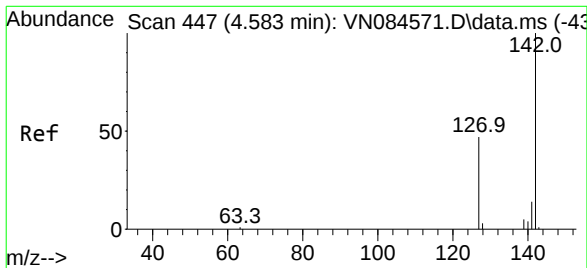
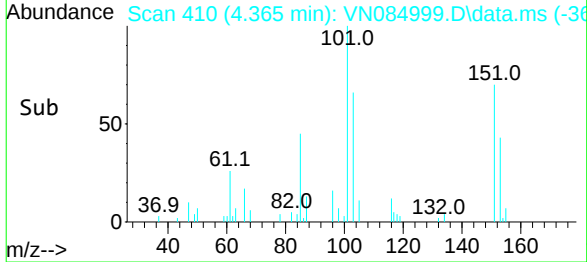
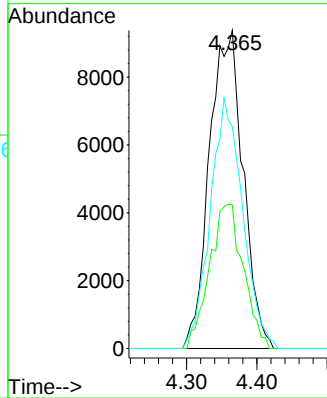
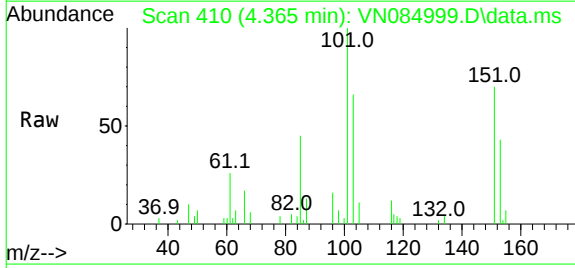
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.635 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:	101	Resp:	31186
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.2	54.4
151	75.8	59.3	88.9

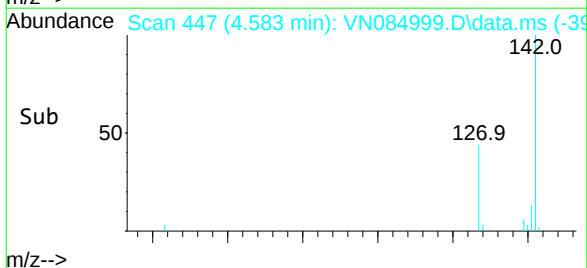
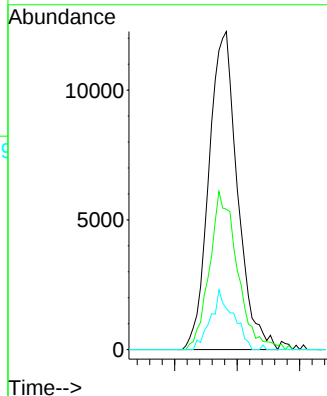
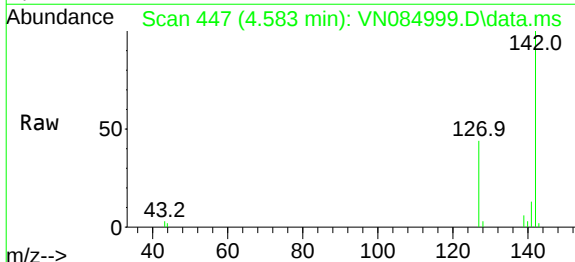
Manual Integrations
APPROVED

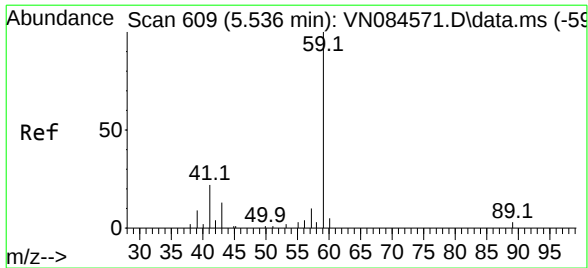
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#10
Methyl Iodide
Concen: 18.359 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:	142	Resp:	38973
Ion Ratio	Lower	Upper	
142	100		
127	44.2	35.3	52.9
141	12.9	11.0	16.6





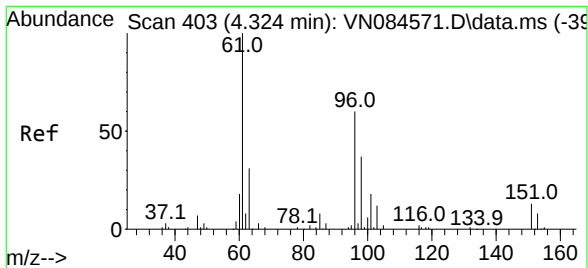
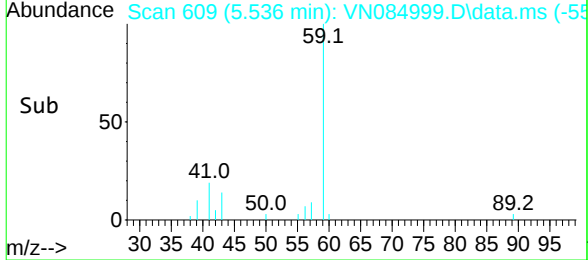
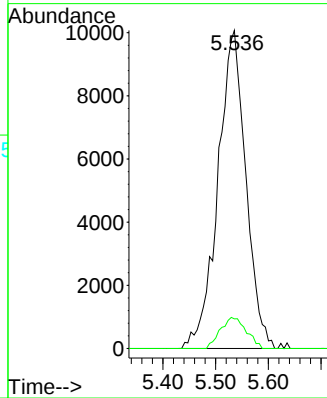
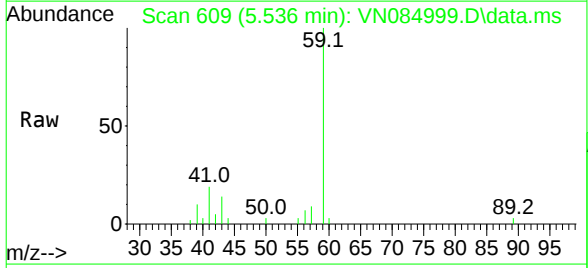
#11
Tert butyl alcohol
Concen: 141.023 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.012 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 59 Resp: 37105
Ion Ratio Lower Upper
59 100
57 9.0 8.2 12.2

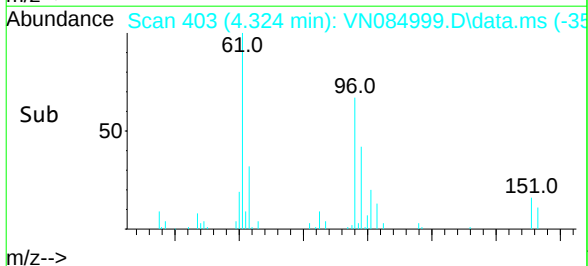
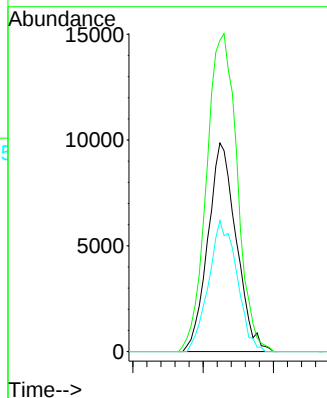
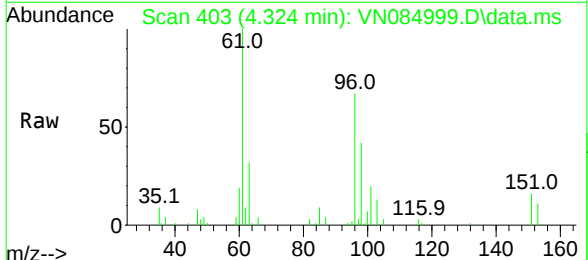
Manual Integrations
APPROVED

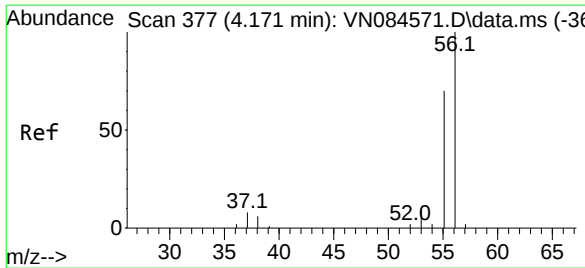
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#12
1,1-Dichloroethene
Concen: 17.570 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 96 Resp: 27613
Ion Ratio Lower Upper
96 100
61 149.3 128.6 192.8
98 62.8 51.7 77.5





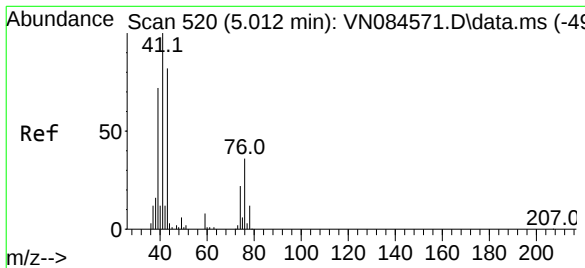
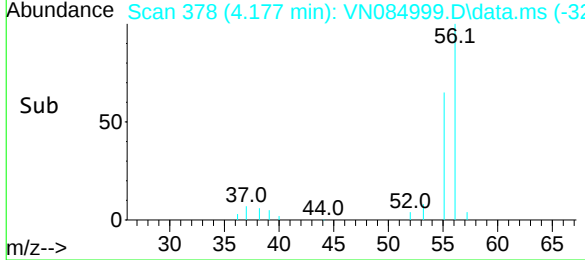
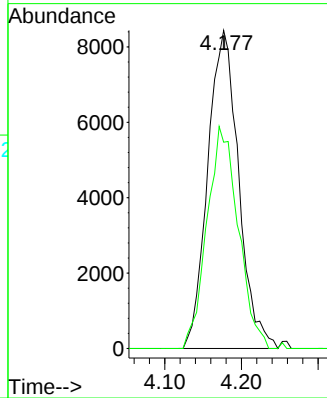
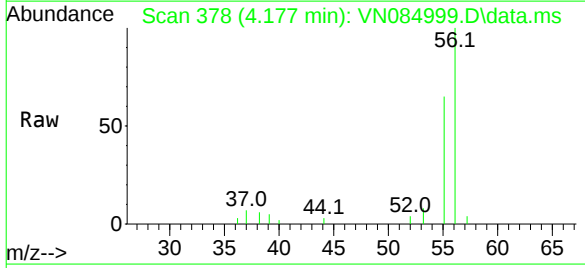
#13
Acrolein
Concen: 89.916 ug/l
RT: 4.177 min Scan# 37
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 56 Resp: 23591
Ion Ratio Lower Upper
56 100
55 70.7 57.2 85.8

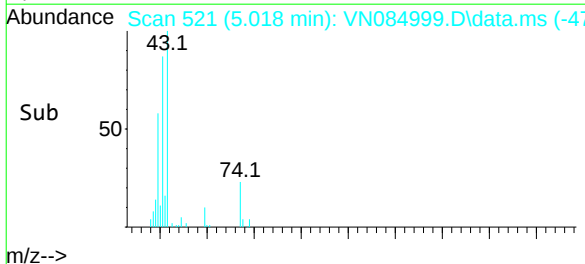
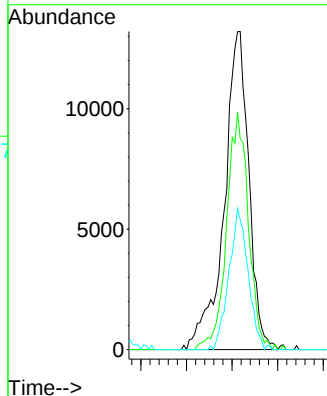
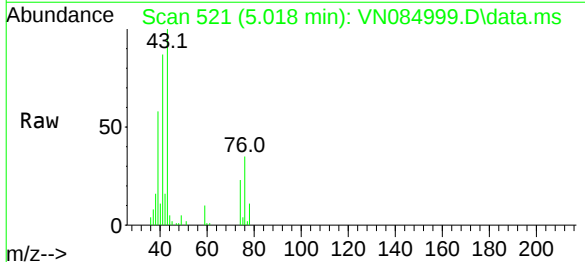
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#14
Allyl chloride
Concen: 19.467 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

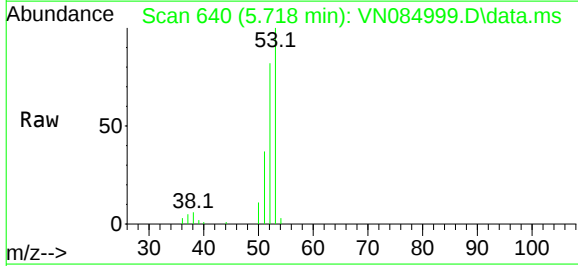
Tgt Ion: 41 Resp: 49617
Ion Ratio Lower Upper
41 100
39 65.9 59.0 88.6
76 34.4 29.8 44.6





#15
Acrylonitrile
Concen: 117.979 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

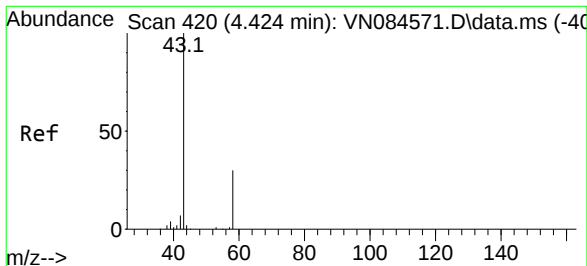
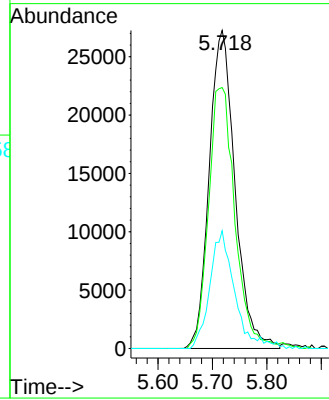
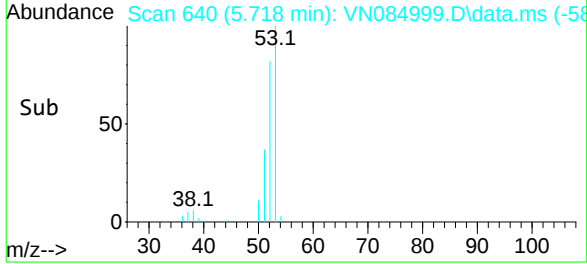
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 53 Resp: 89864
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.4
51 35.6 28.8 43.2

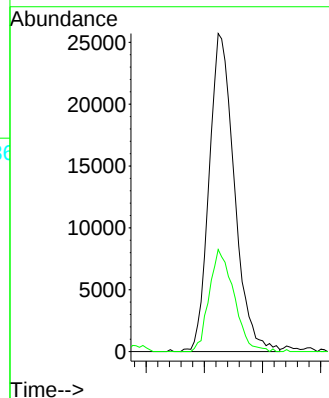
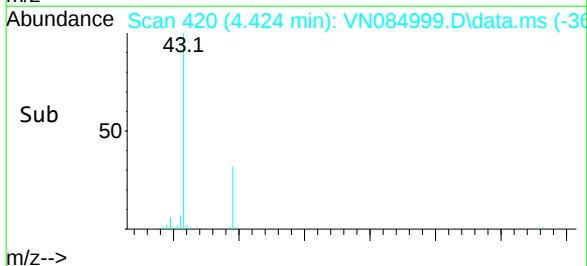
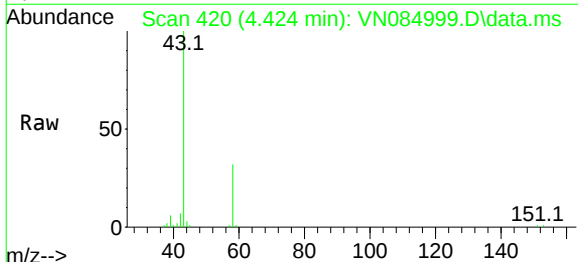
Manual Integrations
APPROVED

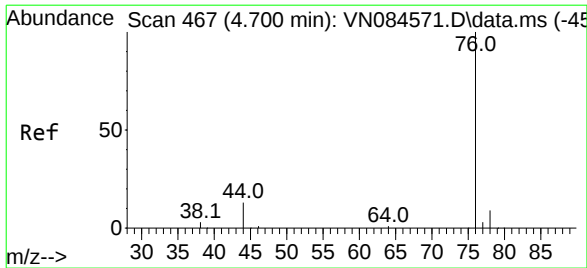
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#16
Acetone
Concen: 133.282 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

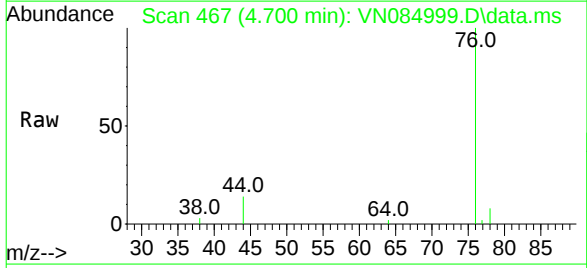
Tgt Ion: 43 Resp: 77510
Ion Ratio Lower Upper
43 100
58 32.1 24.4 36.6





#17
Carbon Disulfide
Concen: 13.411 ug/l
RT: 4.700 min Scan# 46
Delta R.T. -0.012 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

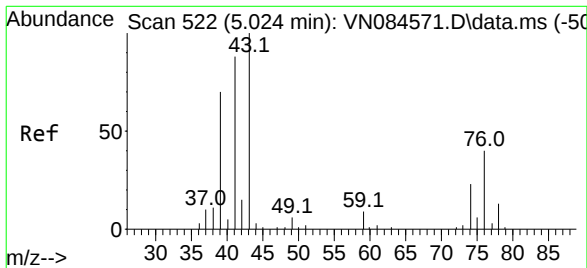
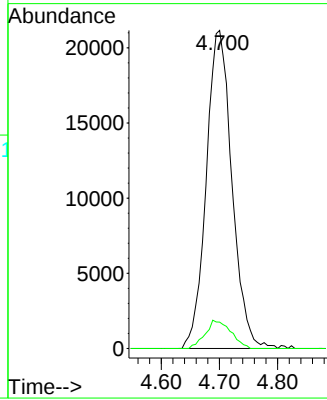
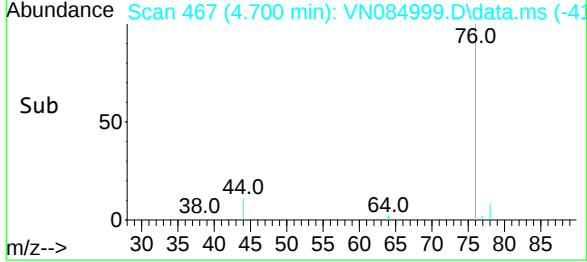
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 76 Resp: 64909
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

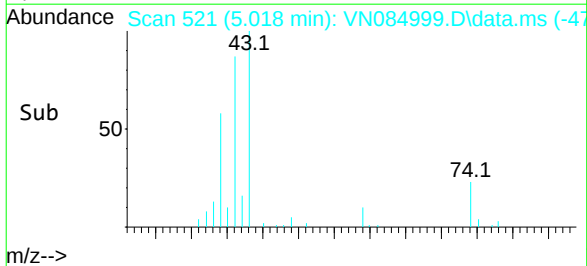
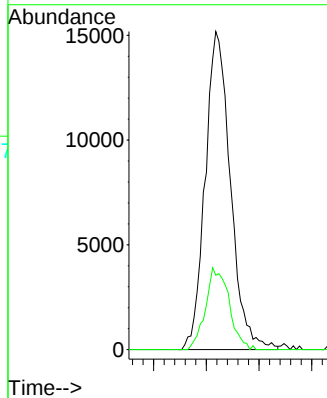
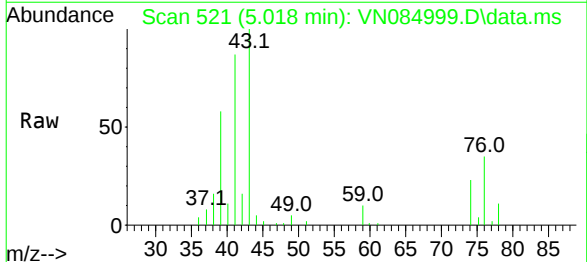
Manual Integrations
APPROVED

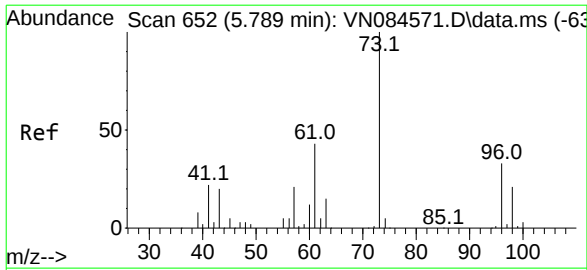
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#18
Methyl Acetate
Concen: 21.776 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 43 Resp: 50541
Ion Ratio Lower Upper
43 100
74 23.9 19.2 28.8





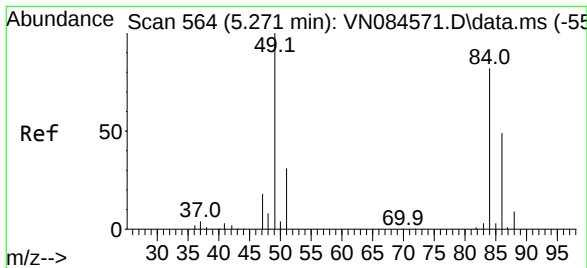
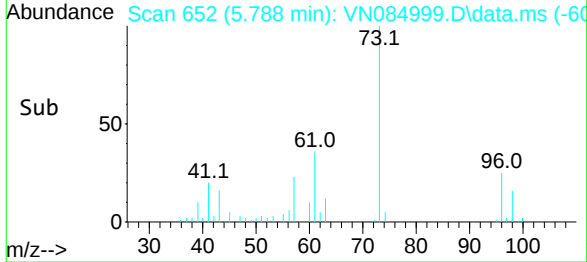
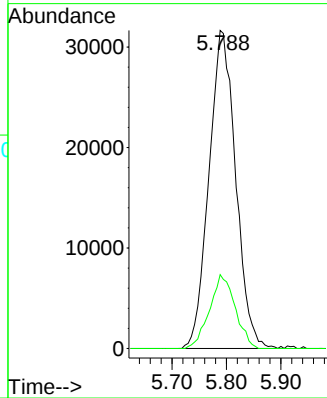
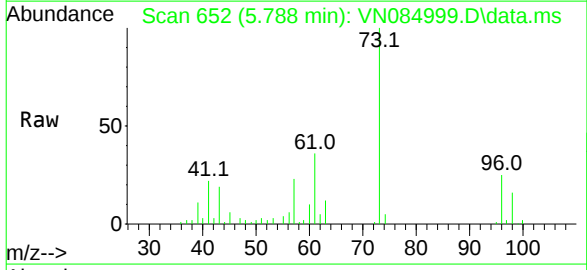
#19
Methyl tert-butyl Ether
Concen: 22.425 ug/l
RT: 5.788 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 73 Resp: 108026
Ion Ratio Lower Upper
73 100
57 23.2 17.7 26.5

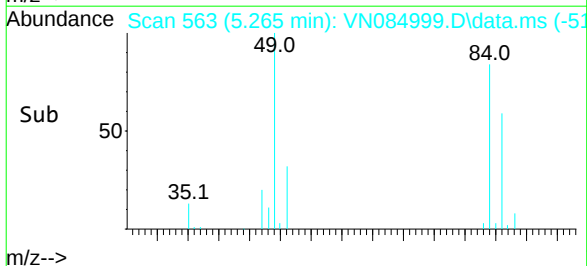
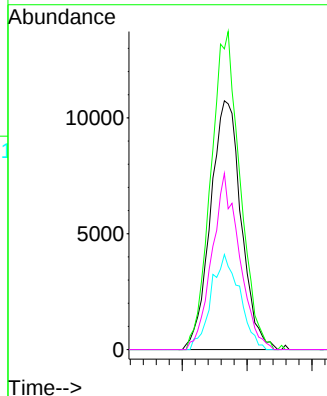
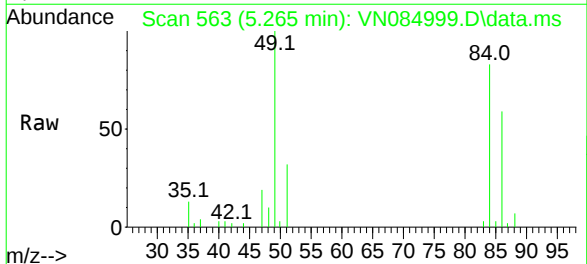
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#20
Methylene Chloride
Concen: 20.079 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 84 Resp: 35202
Ion Ratio Lower Upper
84 100
49 120.9 107.2 160.8
51 38.2 31.8 47.8
86 70.8 52.9 79.3





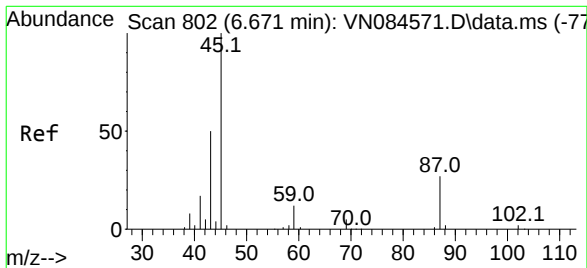
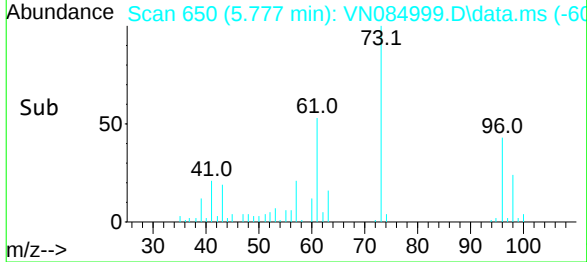
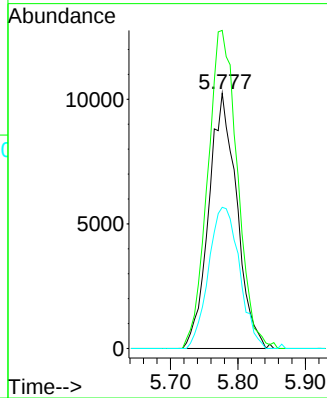
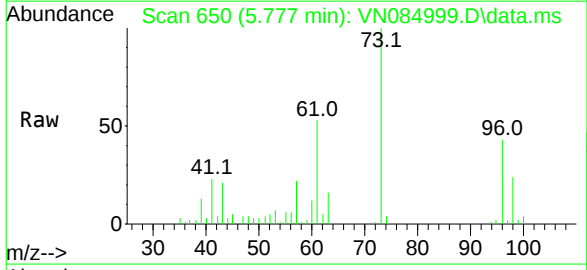
#21
trans-1,2-Dichloroethene
Concen: 18.330 ug/l
RT: 5.777 min Scan# 650
Delta R.T. -0.012 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 96 Resp: 29581
Ion Ratio Lower Upper
96 100
61 124.6 108.4 162.6
98 55.3 49.8 74.8

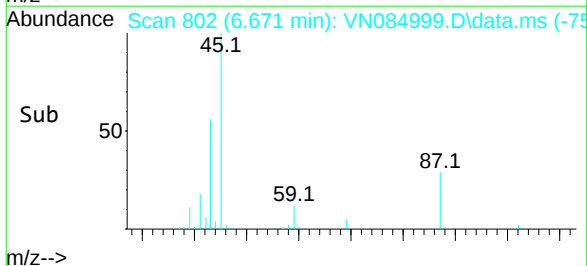
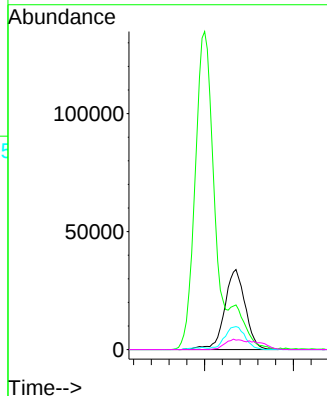
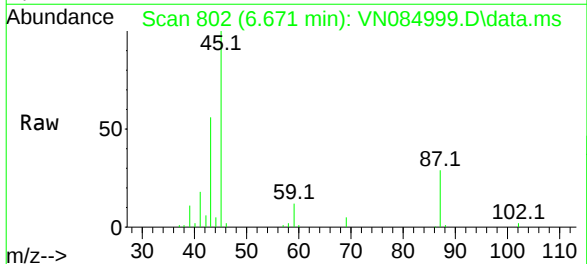
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#22
Diisopropyl ether
Concen: 21.579 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 45 Resp: 109284
Ion Ratio Lower Upper
45 100
43 54.9 42.3 63.5
87 28.7 21.8 32.6
59 11.8 9.6 14.4





#23

Vinyl Acetate

Concen: 112.778 ug/l

RT: 6.600 min Scan# 790

Delta R.T. -0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

Tgt Ion: 43 Resp: 393881

Ion Ratio Lower Upper

43 100

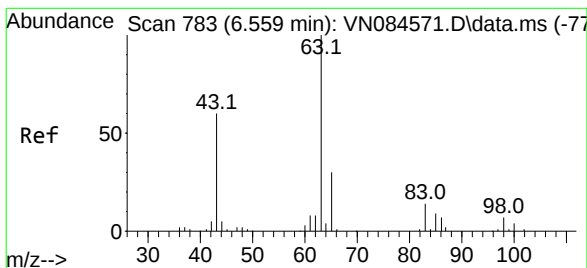
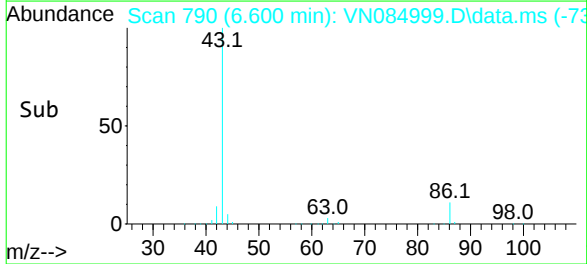
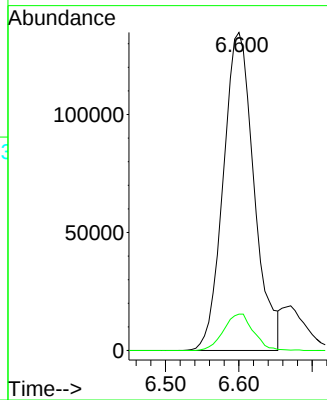
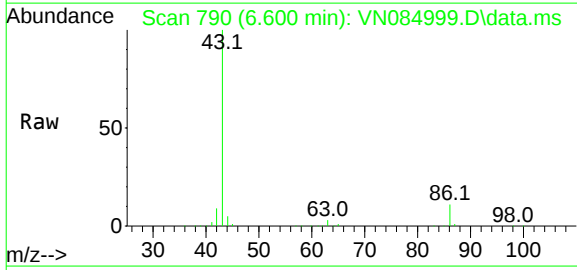
86 11.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#24

1,1-Dichloroethane

Concen: 20.198 ug/l

RT: 6.559 min Scan# 783

Delta R.T. -0.012 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

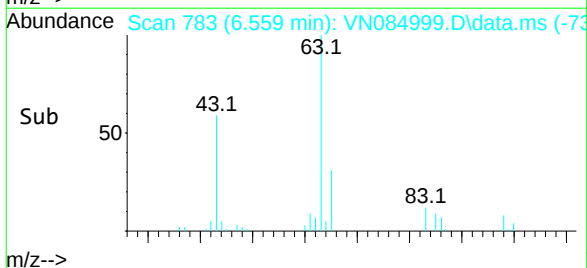
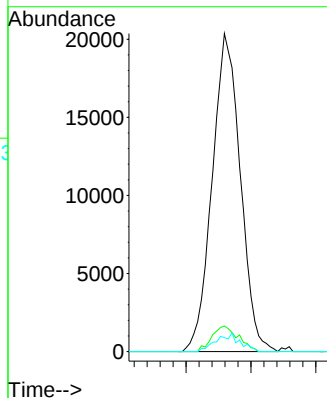
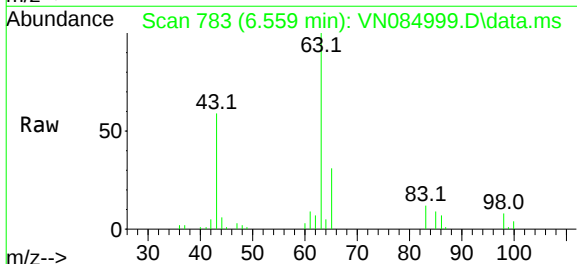
Tgt Ion: 63 Resp: 61415

Ion Ratio Lower Upper

63 100

98 8.0 3.4 10.2

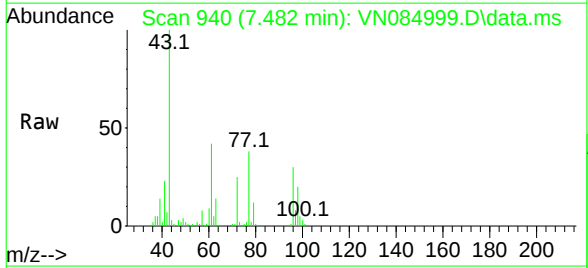
100 4.4 2.0 5.8





#25
2-Butanone
Concen: 130.382 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

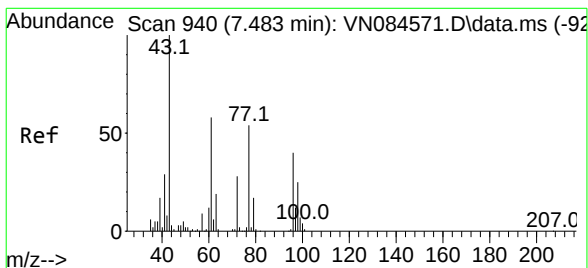
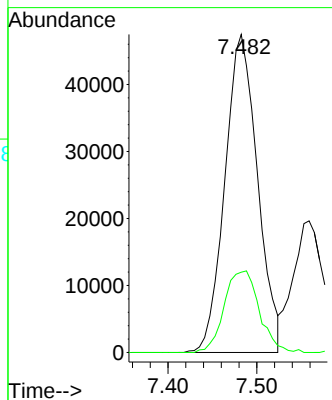
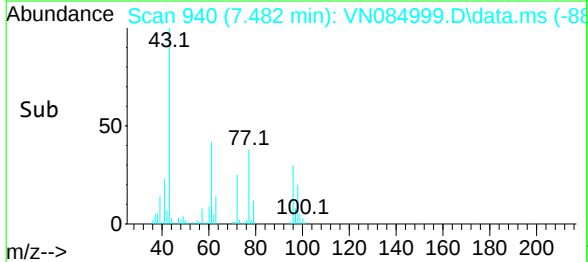
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



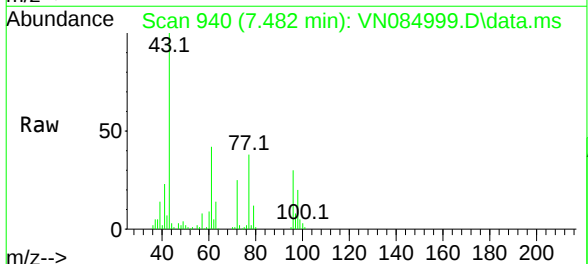
Tgt Ion: 43 Resp: 121248
Ion Ratio Lower Upper
43 100
72 25.2 21.4 32.2

Manual Integrations
APPROVED

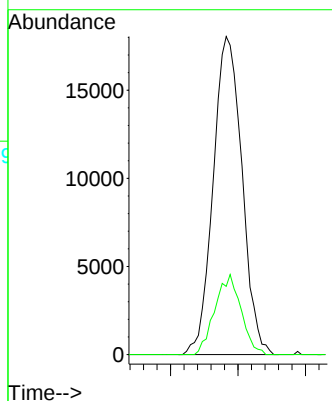
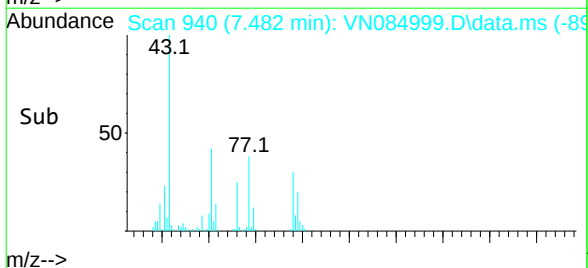
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

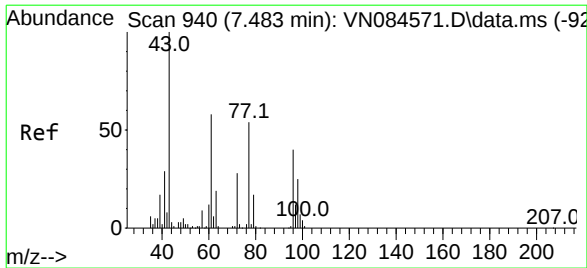


#26
2,2-Dichloropropane
Concen: 20.225 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20



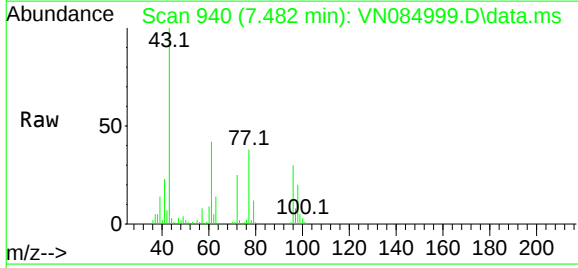
Tgt Ion: 77 Resp: 53525
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 20.353 ug/l
 RT: 7.482 min Scan# 940
 Delta R.T. -0.006 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

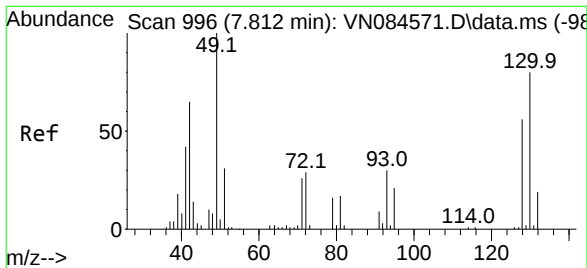
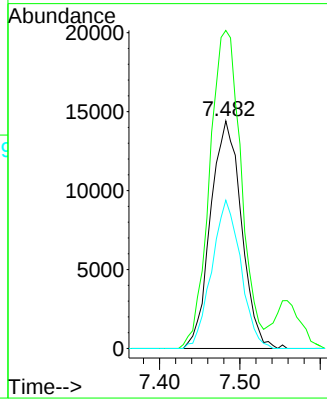
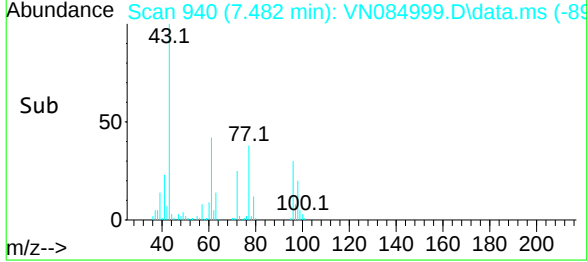
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1121WBSD02



Tgt Ion: 96 Resp: 38352
 Ion Ratio Lower Upper
 96 100
 61 142.8 0.0 301.8
 98 61.5 0.0 128.2

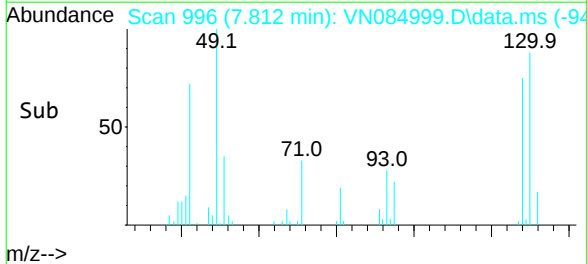
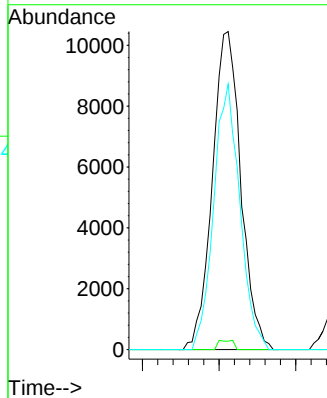
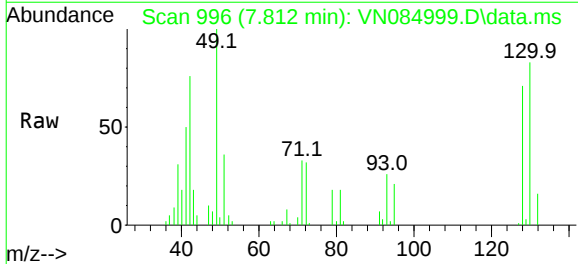
Manual Integrations
 APPROVED

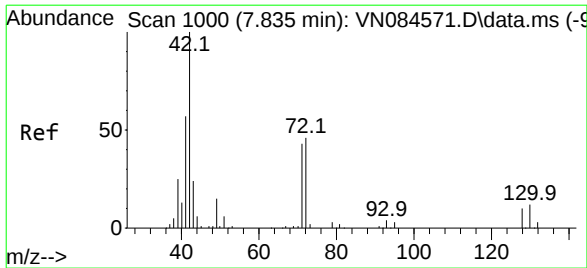
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#28
 Bromochloromethane
 Concen: 22.286 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

Tgt Ion: 49 Resp: 26997
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 76.5 58.0 87.0





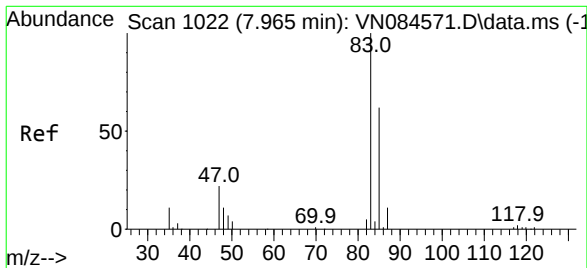
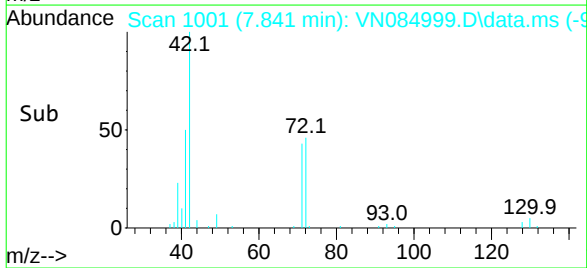
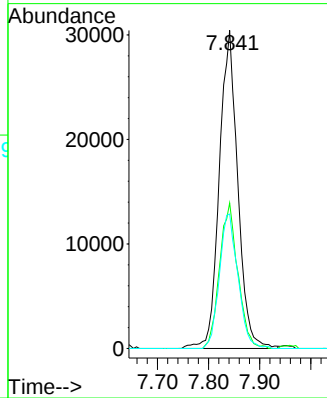
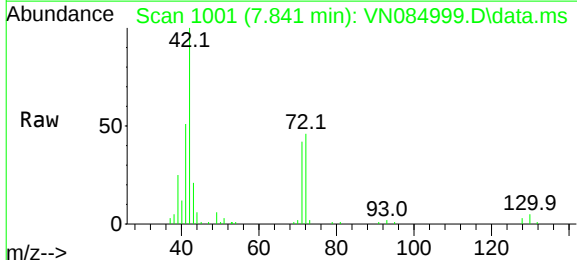
#29
Tetrahydrofuran
Concen: 123.920 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 42 Resp: 76451
Ion Ratio Lower Upper
42 100
72 45.2 34.6 51.8
71 42.5 32.2 48.4

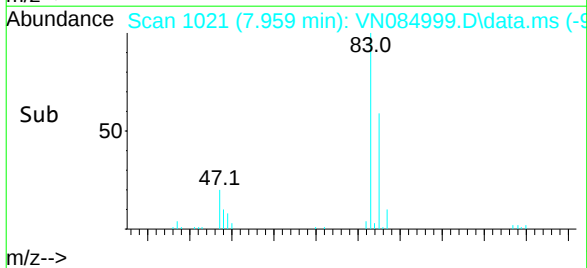
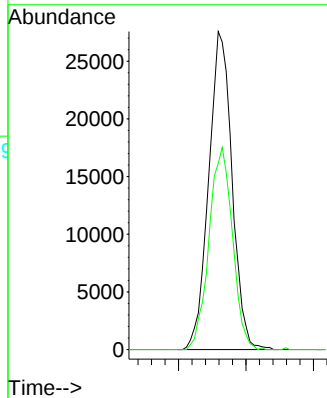
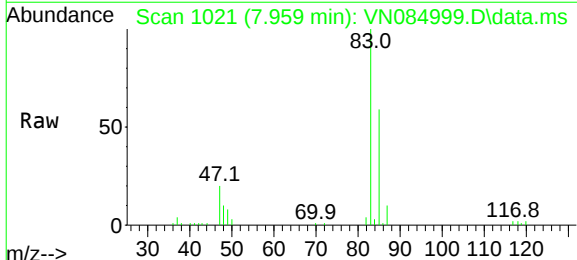
Manual Integrations
APPROVED

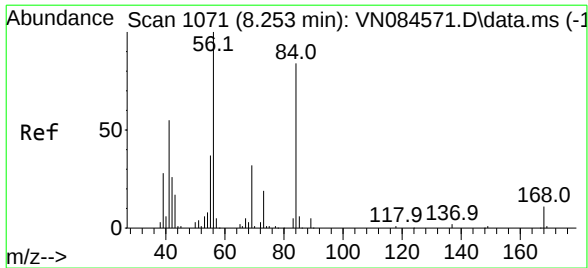
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#30
Chloroform
Concen: 21.401 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

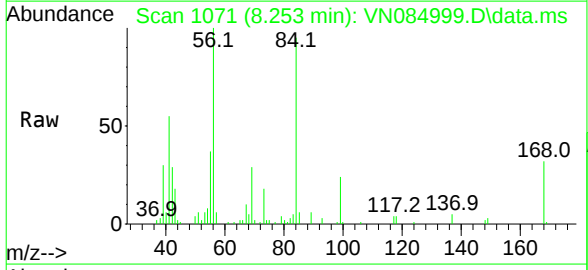
Tgt Ion: 83 Resp: 66231
Ion Ratio Lower Upper
83 100
85 58.5 51.0 76.4





#31
Cyclohexane
Concen: 16.772 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

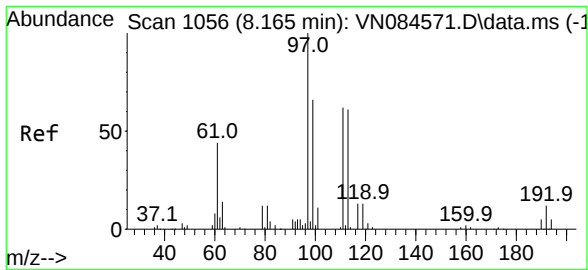
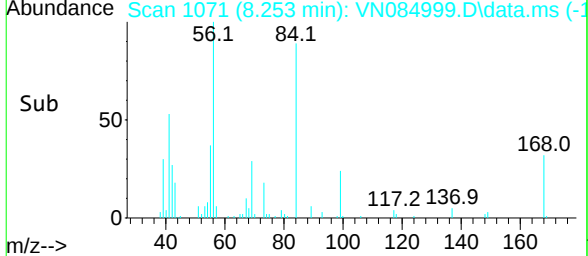
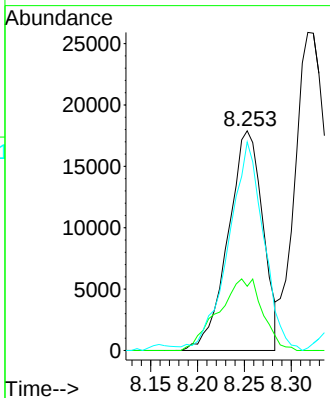
Instrument : MSVOA_N
Client SampleId : VN1121WBSD02



Tgt Ion	56	69	84
Ratio	100	29.2	93.2
Lower		23.8	68.8
Upper		35.6	103.2

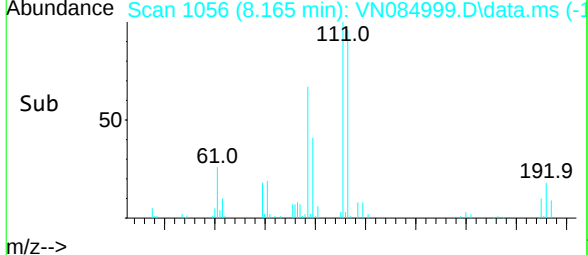
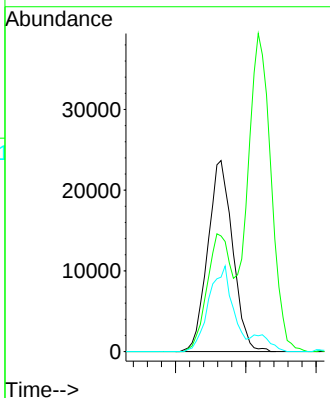
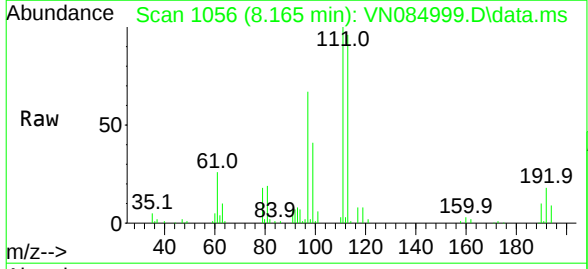
Manual Integrations
APPROVED

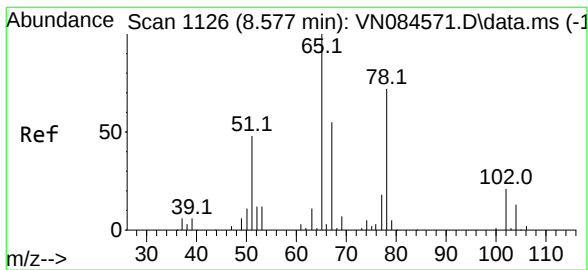
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#32
1,1,1-Trichloroethane
Concen: 20.768 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion	97	99	61
Ratio	100	58.4	44.1
Lower		51.2	37.5
Upper		76.8	56.3





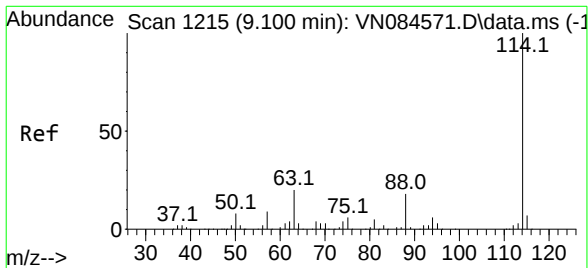
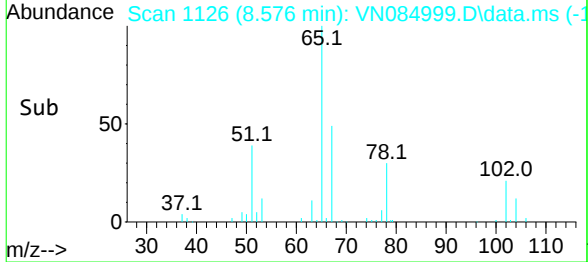
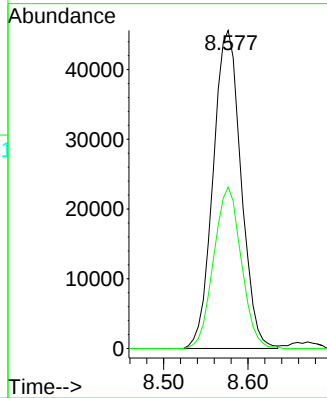
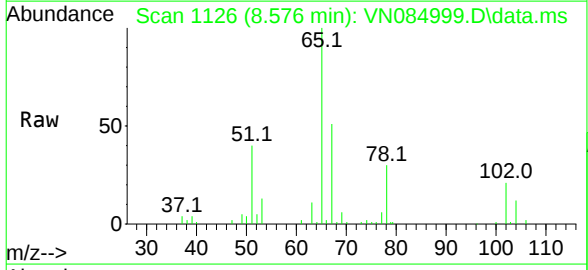
#33
1,2-Dichloroethane-d4
Concen: 52.518 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 65 Resp: 104684
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.0

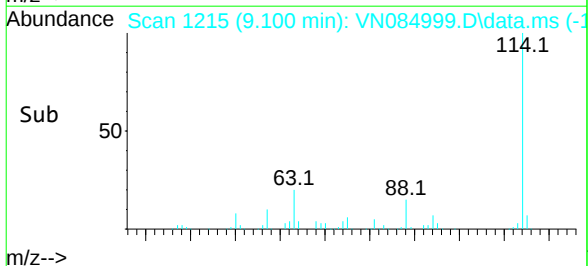
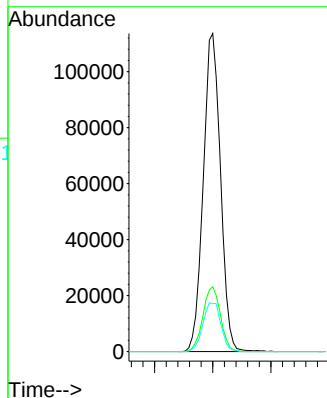
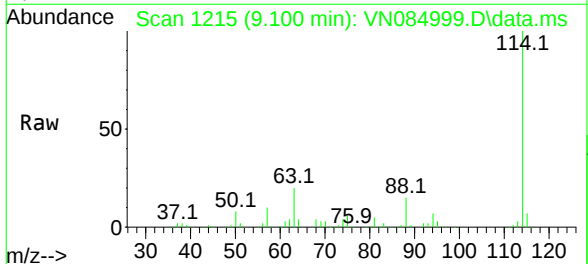
Manual Integrations
APPROVED

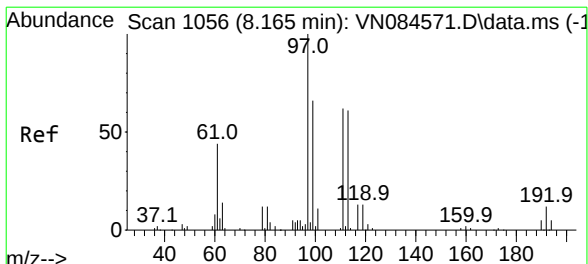
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:114 Resp: 233557
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.8
88 15.1 0.0 31.6





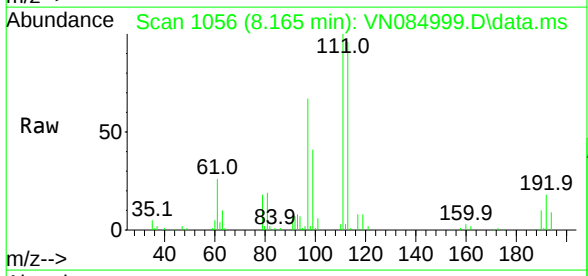
#35
 Dibromofluoromethane
 Concen: 51.361 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

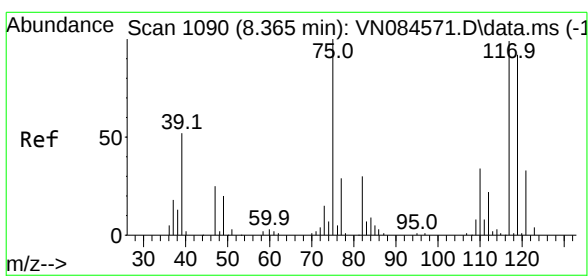
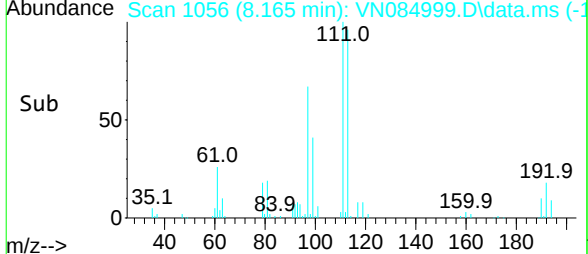
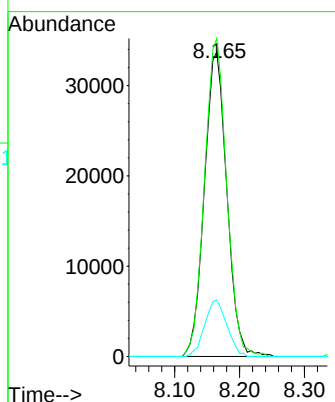
VN1121WBSD02



Tgt Ion:	113	Resp:	81197
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.3	124.9
192	18.2	13.5	20.3

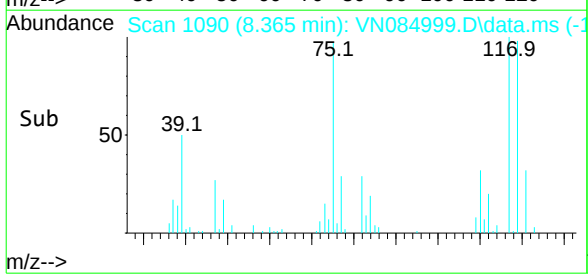
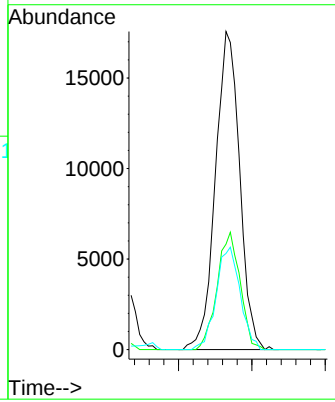
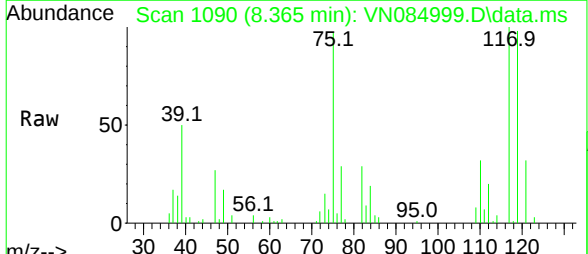
Manual Integrations
 APPROVED

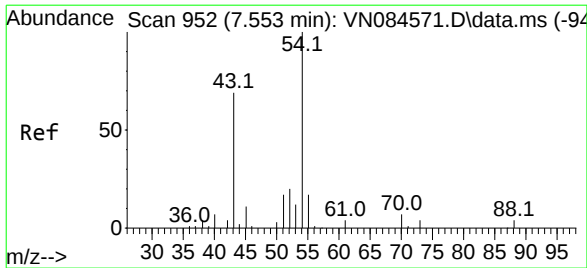
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#36
 1,1-Dichloropropene
 Concen: 18.341 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

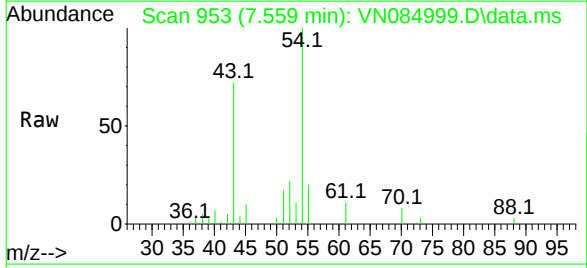
Tgt Ion:	75	Resp:	40212
Ion	Ratio	Lower	Upper
75	100		
110	35.1	16.9	50.7
77	31.9	24.7	37.1





#37
Ethyl Acetate
Concen: 24.734 ug/l
RT: 7.559 min Scan# 952
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

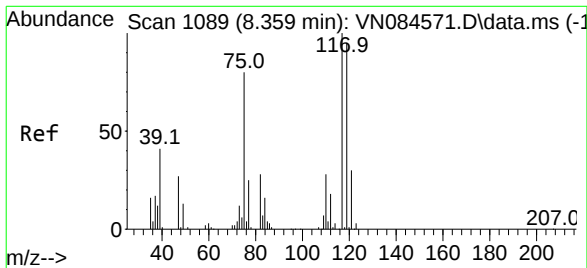
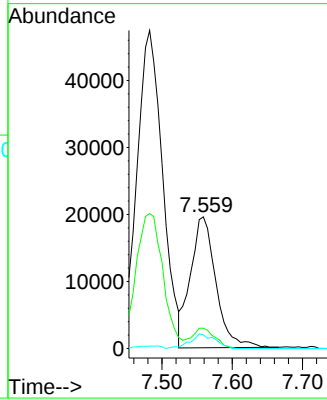
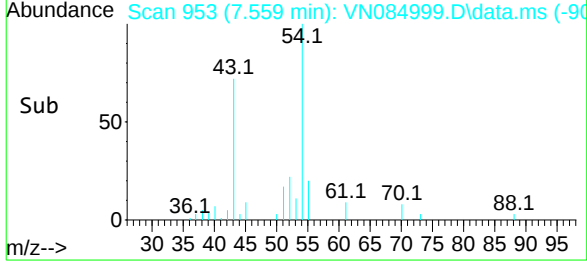
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 43 Resp: 49202
Ion Ratio Lower Upper
43 100
61 14.2 10.7 16.1
70 10.7 8.8 13.2

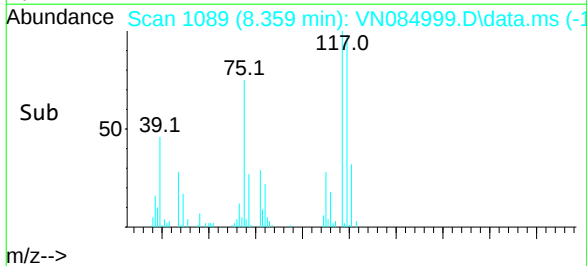
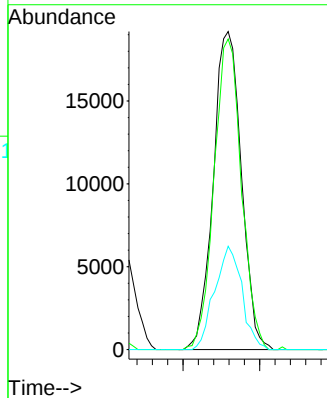
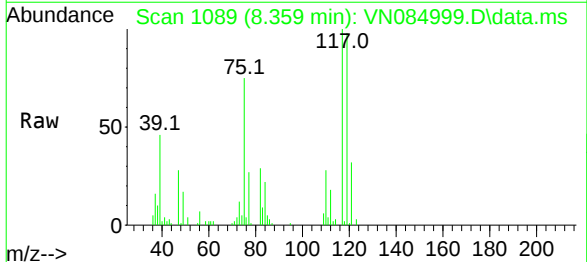
Manual Integrations
APPROVED

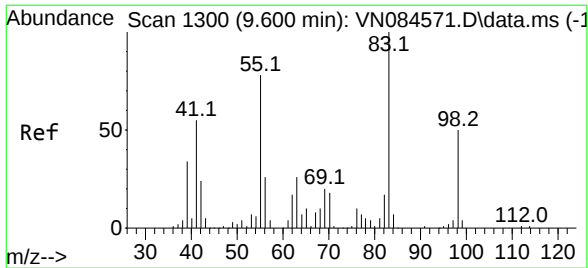
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#38
Carbon Tetrachloride
Concen: 19.928 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

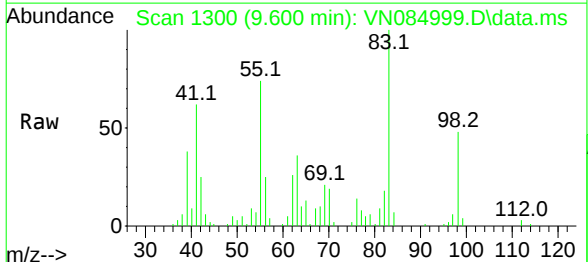
Tgt Ion:117 Resp: 48836
Ion Ratio Lower Upper
117 100
119 97.7 78.7 118.1
121 32.5 24.4 36.6





#39
Methylcyclohexane
Concen: 17.836 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

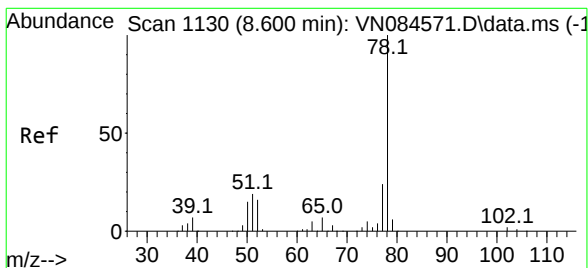
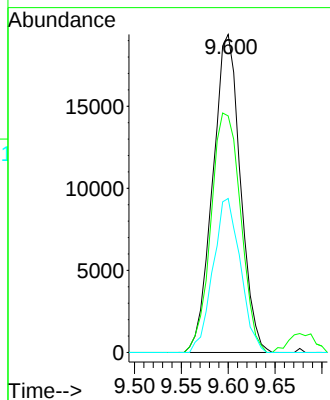
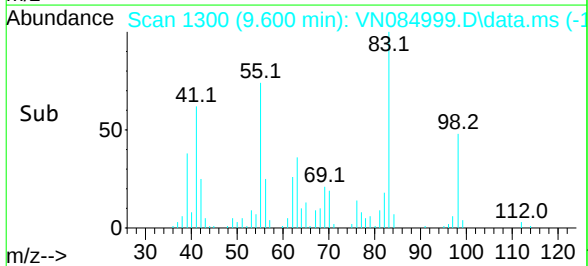
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 83 Resp: 39783
Ion Ratio Lower Upper
83 100
55 74.4 62.8 94.2
98 48.4 38.8 58.2

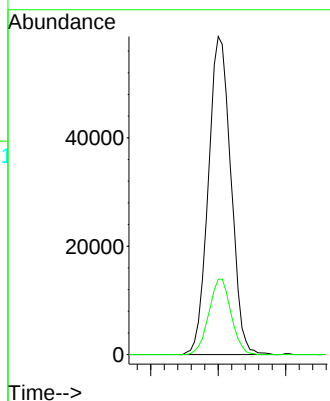
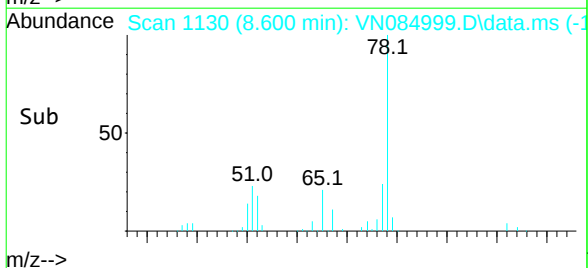
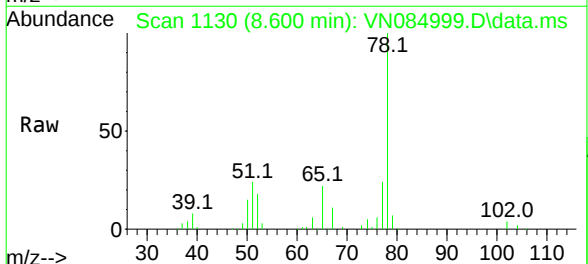
Manual Integrations
APPROVED

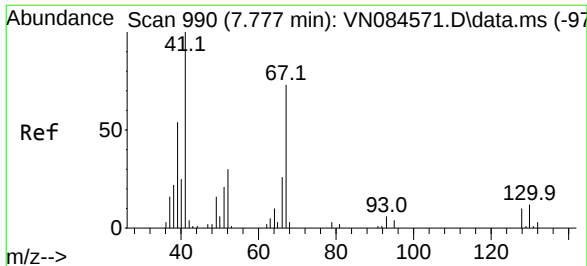
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#40
Benzene
Concen: 19.360 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 78 Resp: 136317
Ion Ratio Lower Upper
78 100
77 23.6 19.1 28.7





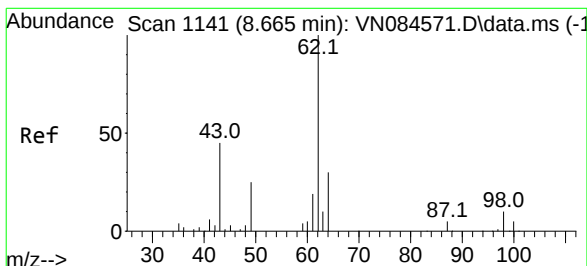
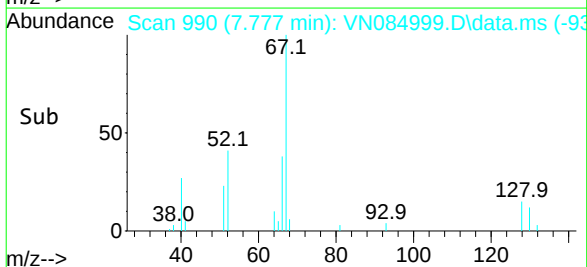
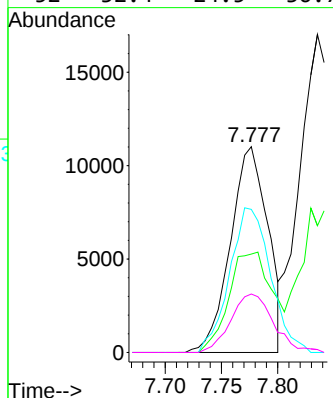
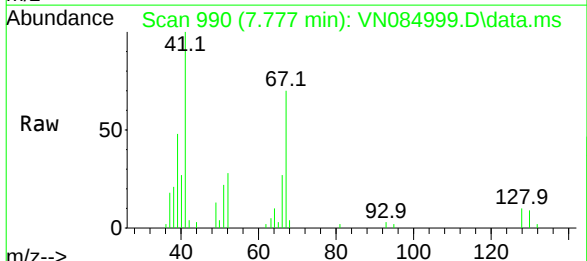
#41
Methacrylonitrile
Concen: 23.801 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:	41	Resp:	25461
Ion	Ratio	Lower	Upper
41	100		
39	57.3	43.3	64.9
67	77.0	56.1	84.1
52	32.4	24.5	36.7

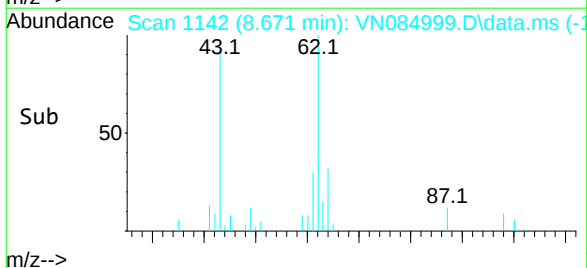
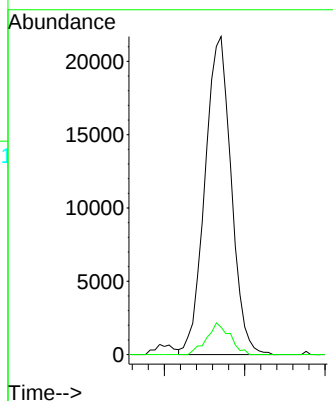
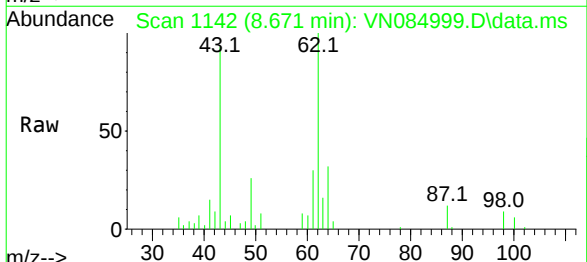
Manual Integrations
APPROVED

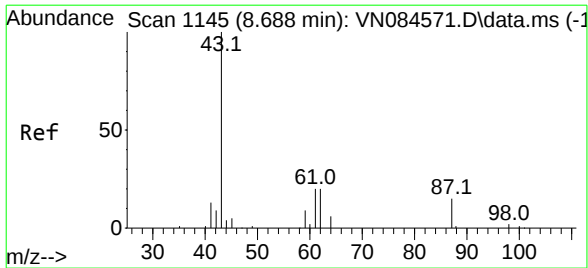
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#42
1,2-Dichloroethane
Concen: 21.611 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:	62	Resp:	49280
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





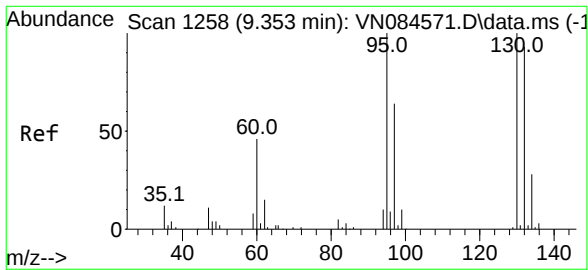
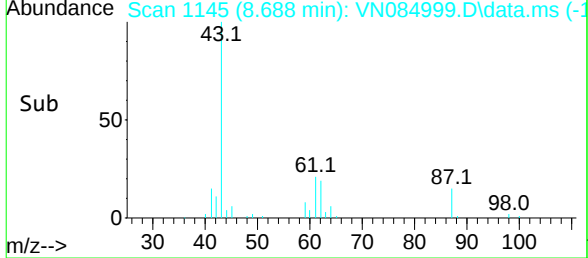
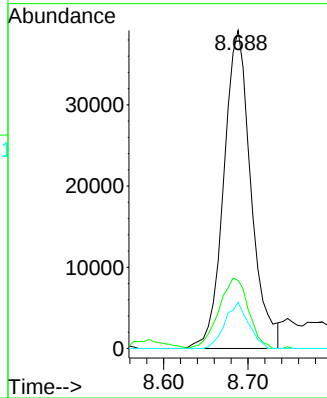
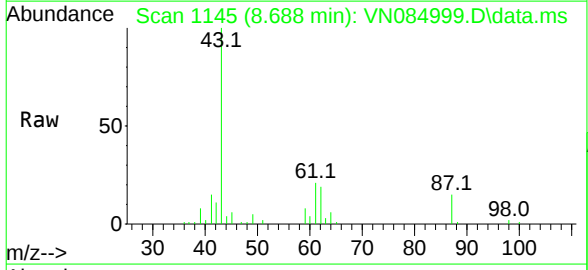
#43
Isopropyl Acetate
Concen: 23.399 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:	43	Resp:	87879
Ion Ratio	Lower	Upper	
43	100		
61	24.1	20.4	30.6
87	12.6	10.3	15.5

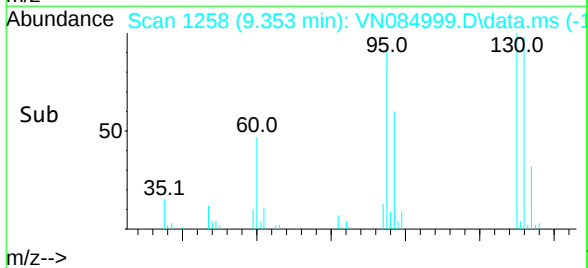
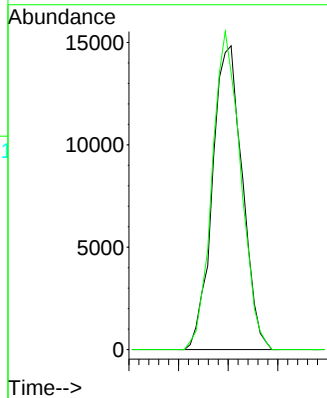
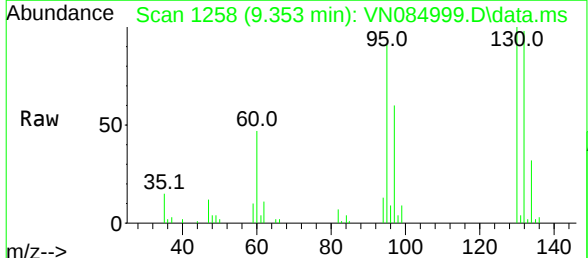
Manual Integrations
APPROVED

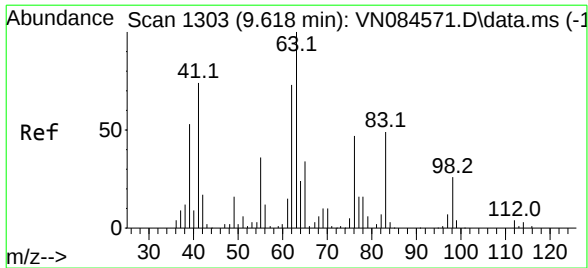
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#44
Trichloroethene
Concen: 19.123 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:	130	Resp:	31053
Ion Ratio	Lower	Upper	
130	100		
95	91.2	0.0	203.0





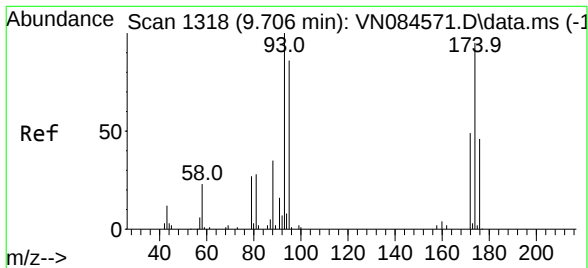
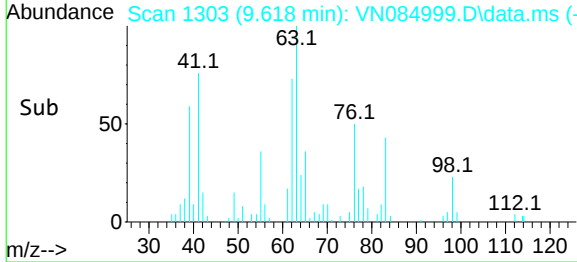
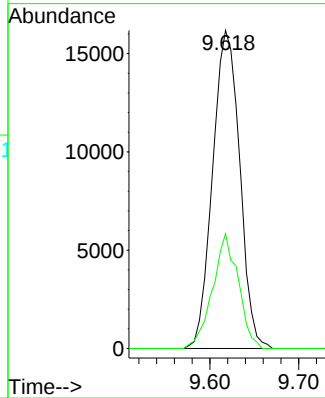
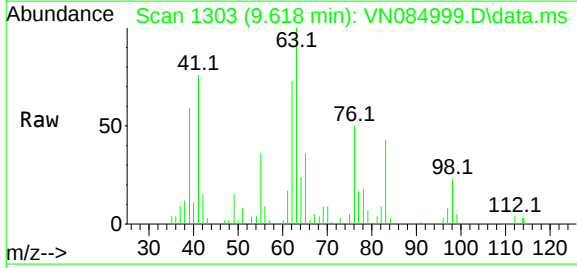
#45
1,2-Dichloropropane
Concen: 20.759 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 63 Resp: 34288
Ion Ratio Lower Upper
63 100
65 36.1 24.6 37.0

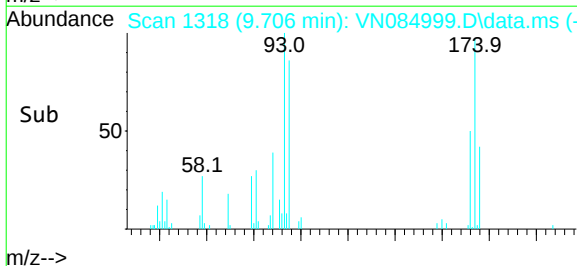
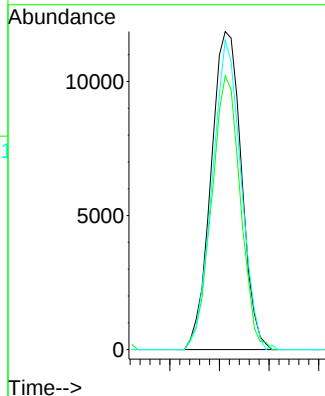
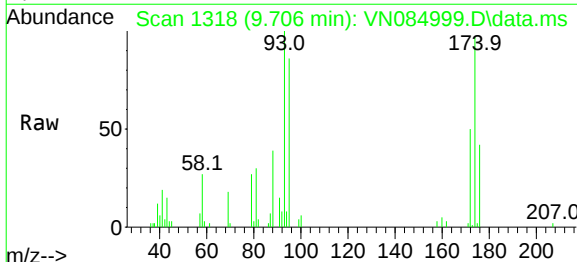
Manual Integrations
APPROVED

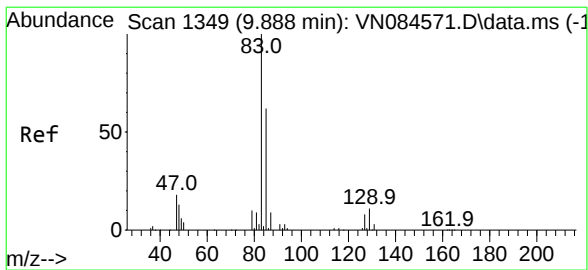
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#46
Dibromomethane
Concen: 21.613 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 93 Resp: 25190
Ion Ratio Lower Upper
93 100
95 81.4 65.0 97.4
174 91.9 71.8 107.8





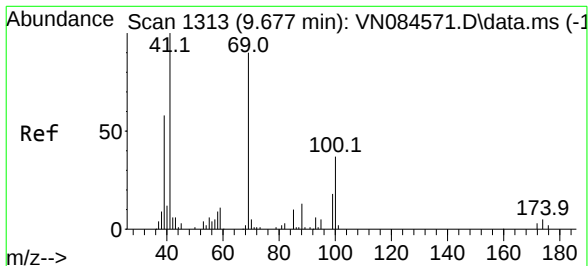
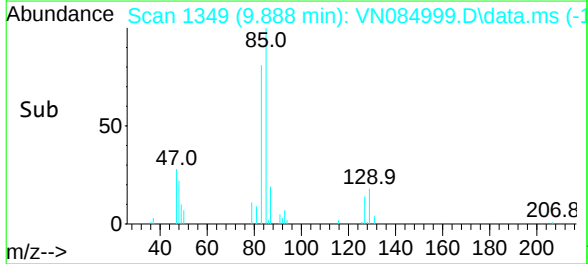
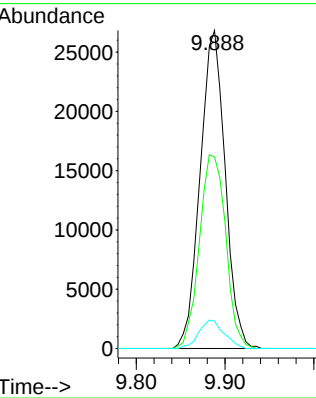
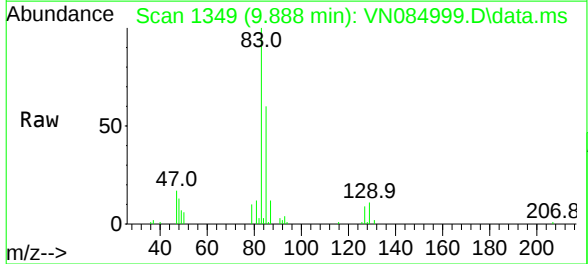
#47
 Bromodichloromethane
 Concen: 21.394 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. -0.000 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

Instrument : MSVOA_N
 ClientSampleId : VN1121WBSD02

Tgt Ion:	83	Resp:	52560
Ion	Ratio	Lower	Upper
83	100		
85	60.2	51.5	77.3
127	8.6	5.7	8.5

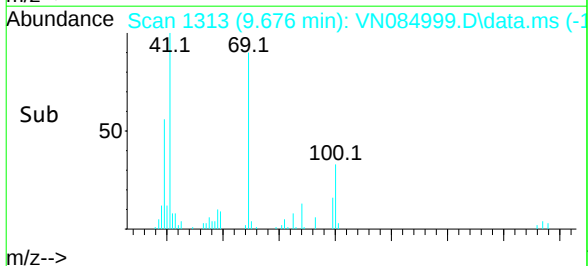
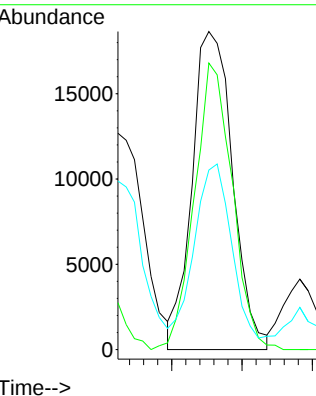
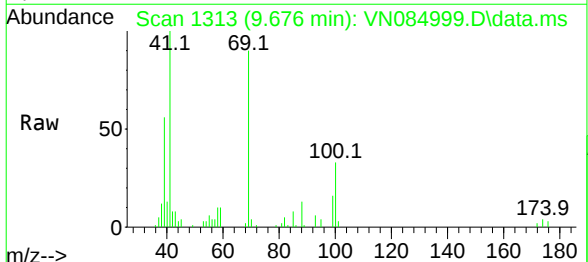
Manual Integrations
 APPROVED

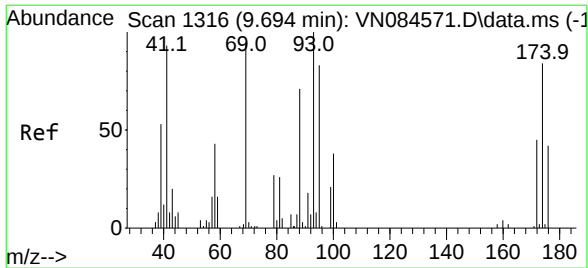
Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024



#48
 Methyl methacrylate
 Concen: 24.150 ug/l
 RT: 9.676 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: VN084999.D
 Acq: 21 Nov 2024 17:20

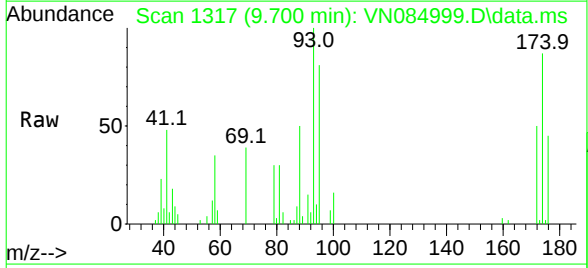
Tgt Ion:	41	Resp:	37388
Ion	Ratio	Lower	Upper
41	100		
69	83.9	67.1	100.7
39	56.3	45.8	68.6





#49
1,4-Dioxane
Concen: 463.282 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

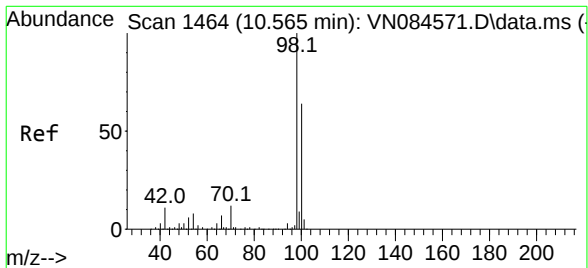
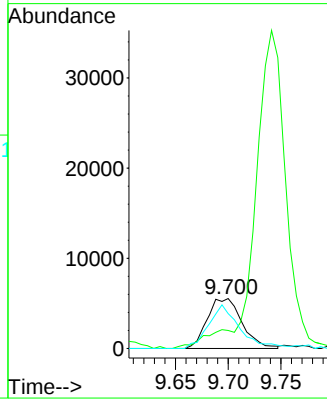
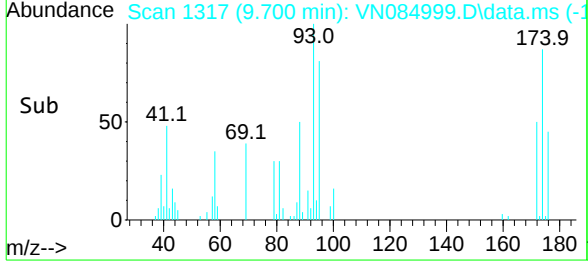
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 88 Resp: 12710
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 78.9 56.4 84.6

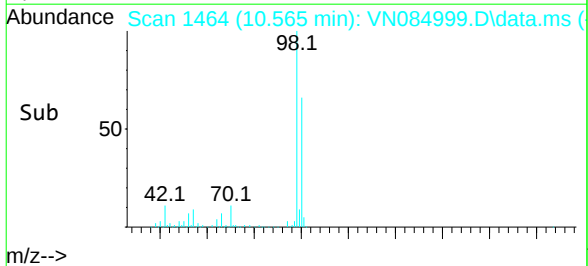
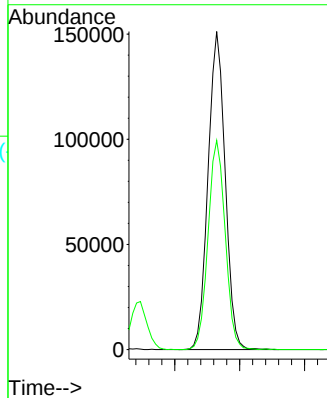
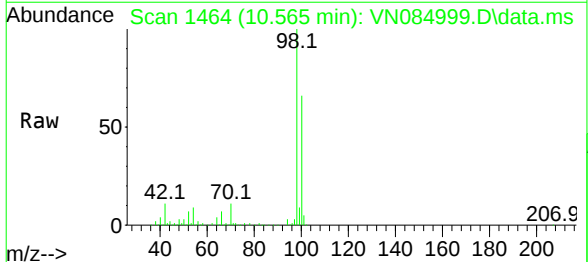
Manual Integrations
APPROVED

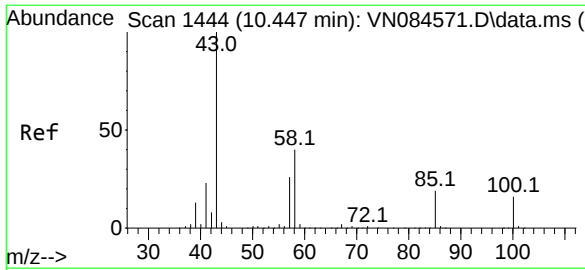
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#50
Toluene-d8
Concen: 47.527 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 98 Resp: 276774
Ion Ratio Lower Upper
98 100
100 65.8 52.7 79.1





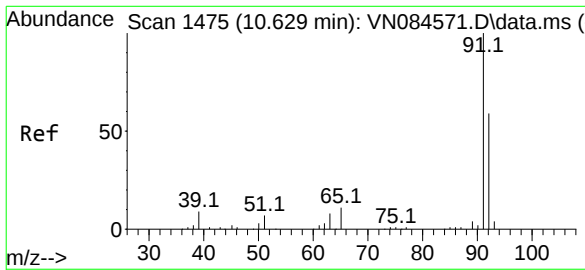
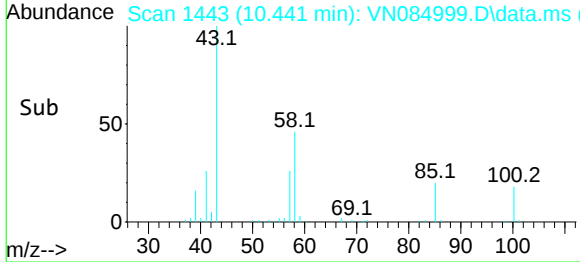
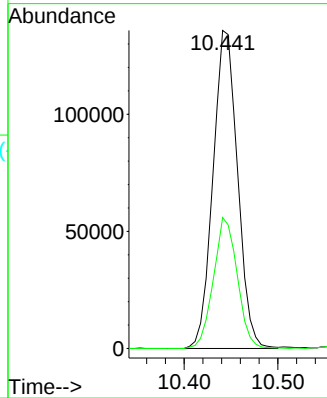
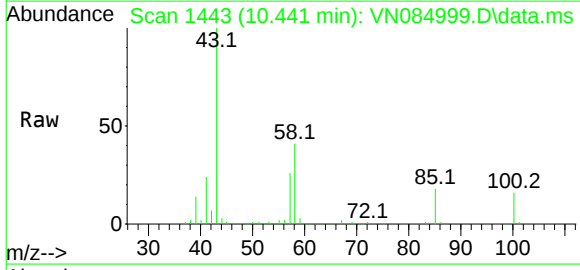
#51
4-Methyl-2-Pentanone
Concen: 130.504 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 43 Resp: 247482
Ion Ratio Lower Upper
43 100
58 39.9 31.6 47.4

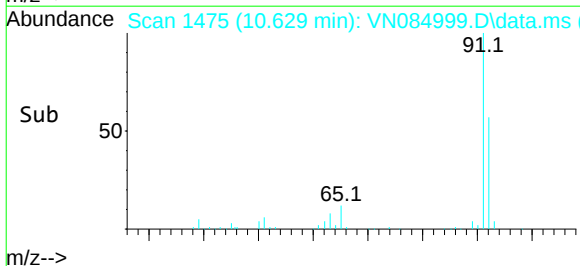
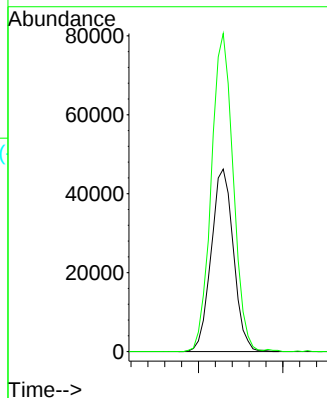
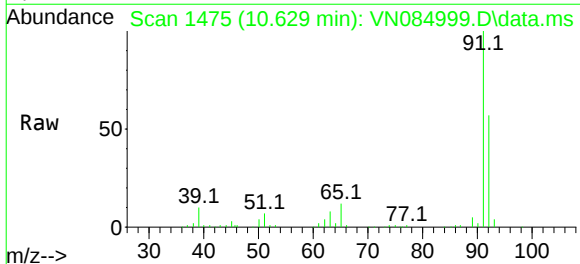
Manual Integrations
APPROVED

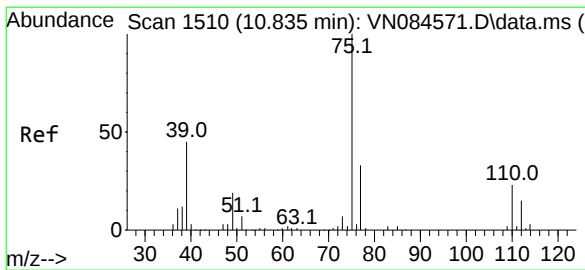
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#52
Toluene
Concen: 20.603 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

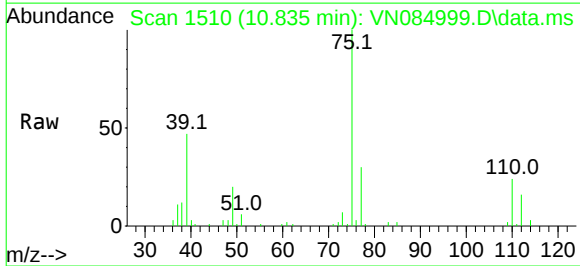
Tgt Ion: 92 Resp: 84845
Ion Ratio Lower Upper
92 100
91 171.3 137.3 205.9





#53
t-1,3-Dichloropropene
Concen: 19.994 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

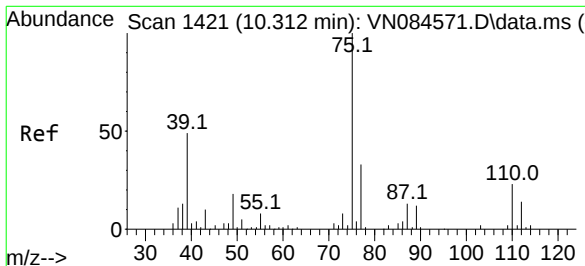
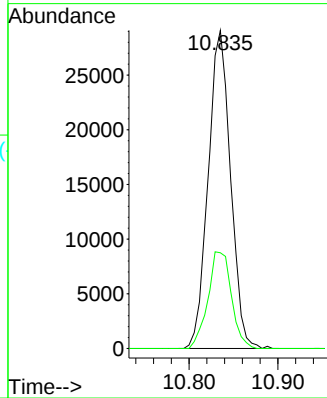
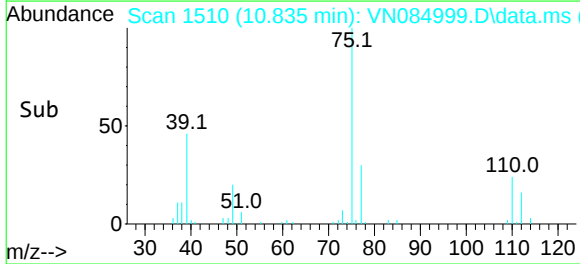
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 75 Resp: 50847
Ion Ratio Lower Upper
75 100
77 30.1 25.4 38.0

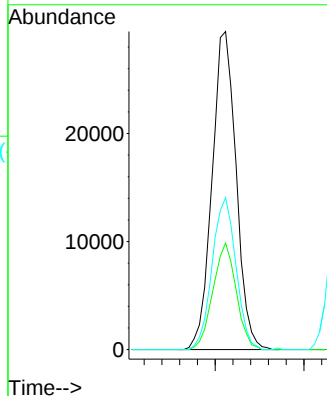
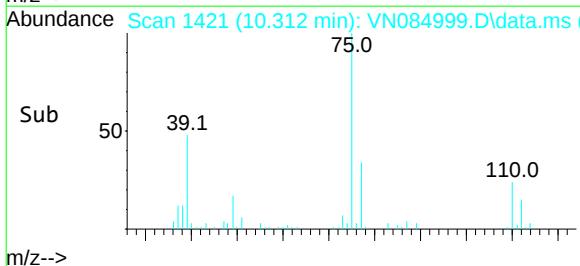
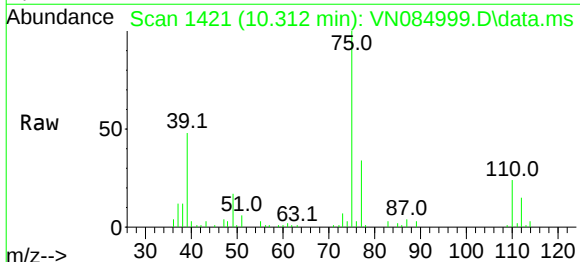
Manual Integrations
APPROVED

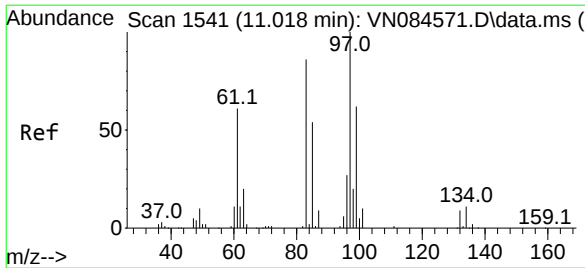
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#54
cis-1,3-Dichloropropene
Concen: 20.616 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 75 Resp: 55489
Ion Ratio Lower Upper
75 100
77 33.5 24.2 36.2
39 47.8 38.7 58.1





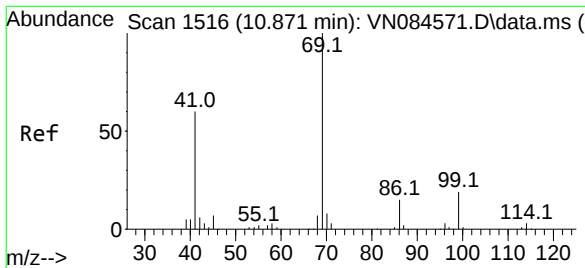
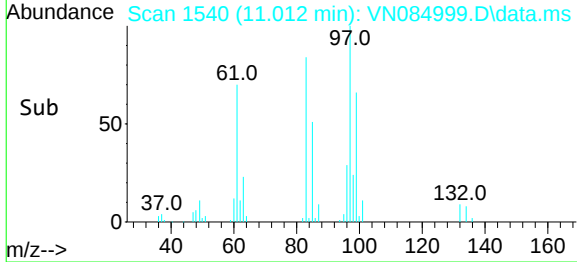
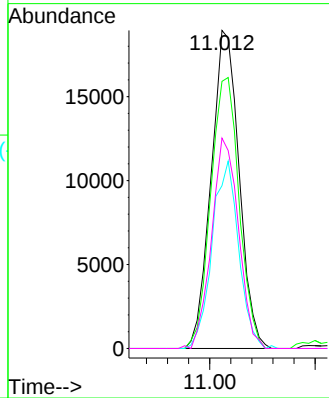
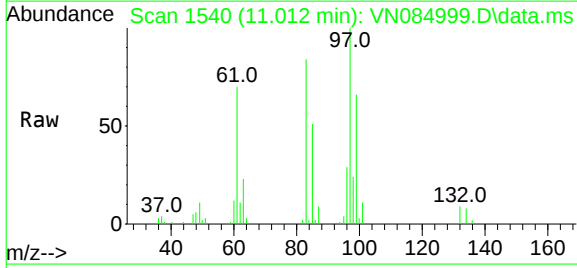
#55
1,1,2-Trichloroethane
Concen: 22.444 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 97	Resp: 34815
Ion Ratio	Lower Upper
97 100	
83 84.0	71.0 106.4
85 51.2	41.7 62.5
99 66.1	50.1 75.1

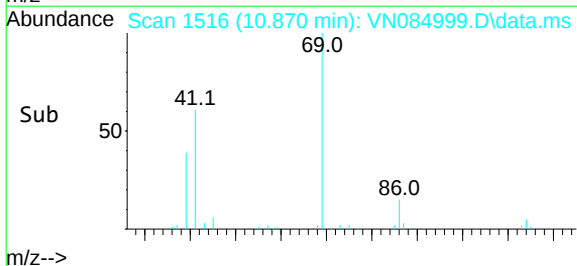
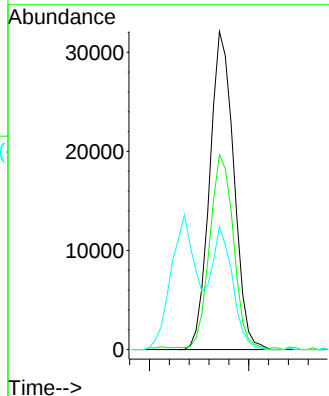
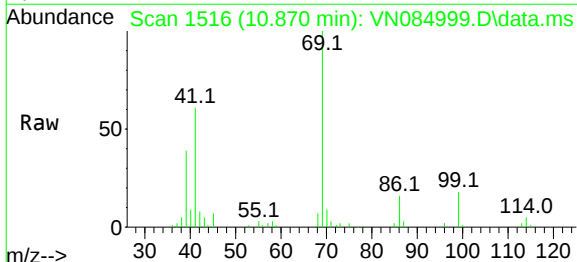
Manual Integrations
APPROVED

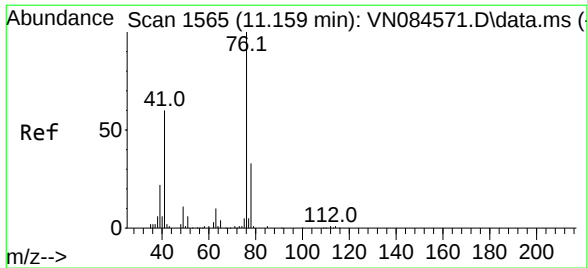
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#56
Ethyl methacrylate
Concen: 24.196 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 69	Resp: 54290
Ion Ratio	Lower Upper
69 100	
41 59.1	53.3 79.9
39 35.0	28.8 43.2





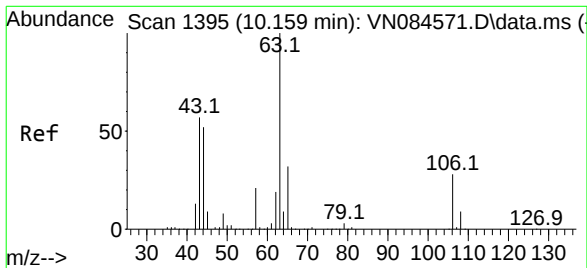
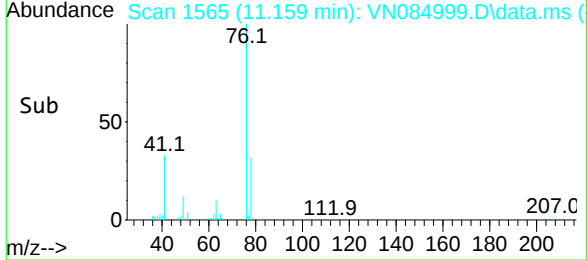
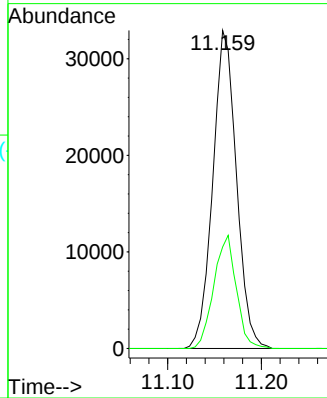
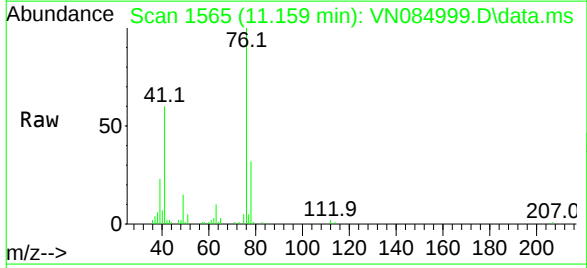
#57
1,3-Dichloropropane
Concen: 21.723 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 76 Resp: 57832
Ion Ratio Lower Upper
76 100
78 33.7 25.8 38.6

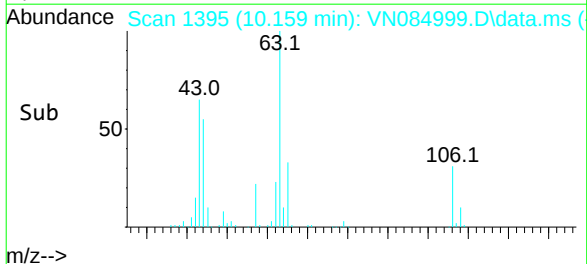
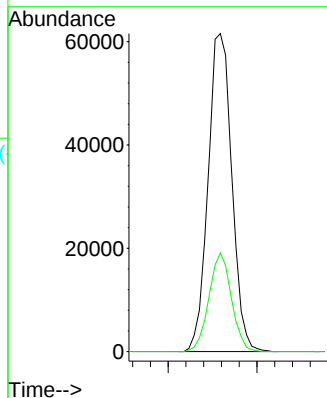
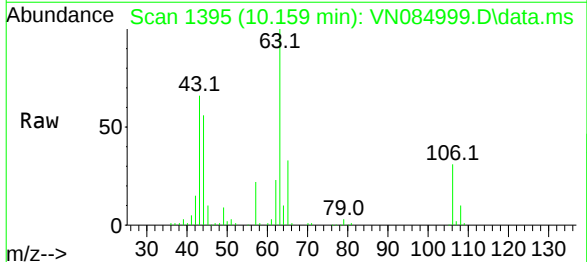
Manual Integrations
APPROVED

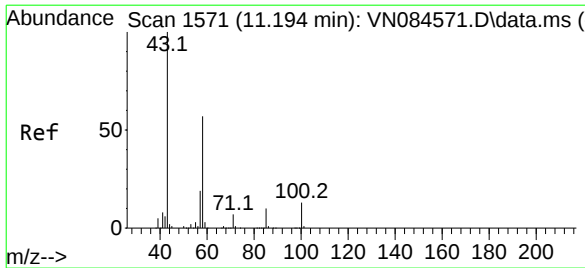
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#58
2-Chloroethyl Vinyl ether
Concen: 108.776 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 63 Resp: 114207
Ion Ratio Lower Upper
63 100
106 29.4 21.8 32.6





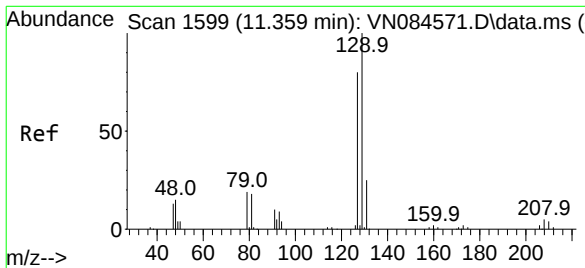
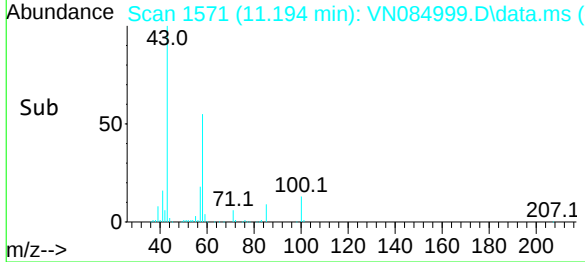
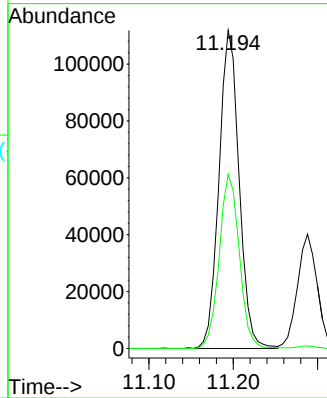
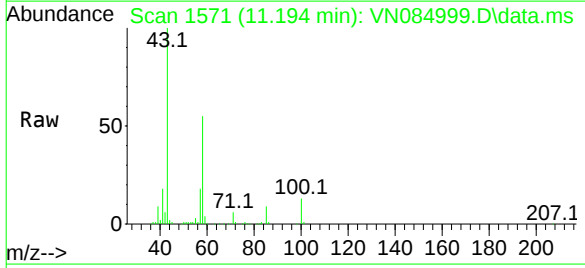
#59
2-Hexanone
Concen: 134.249 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 43 Resp: 185307
Ion Ratio Lower Upper
43 100
58 54.7 27.3 81.8

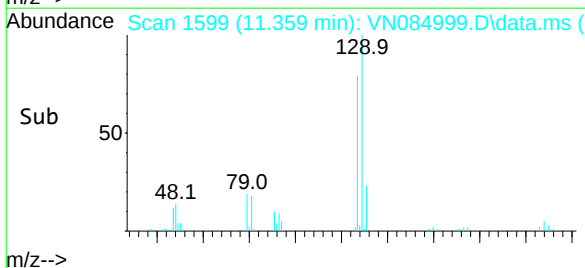
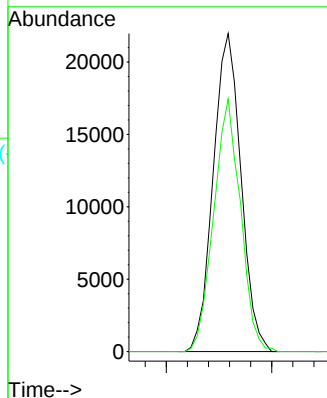
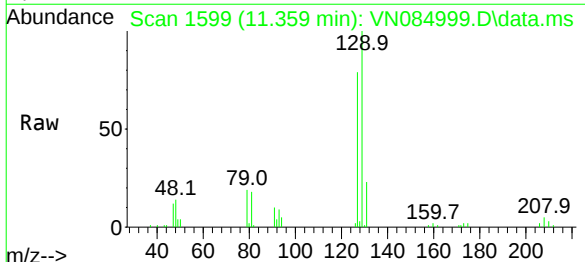
Manual Integrations
APPROVED

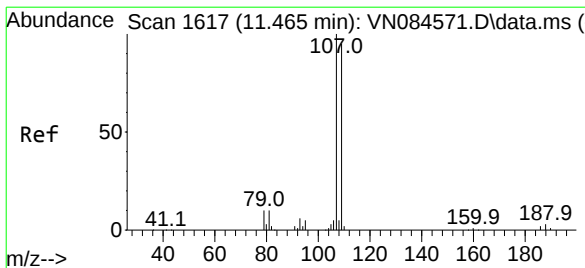
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#60
Dibromochloromethane
Concen: 22.736 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:129 Resp: 40195
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





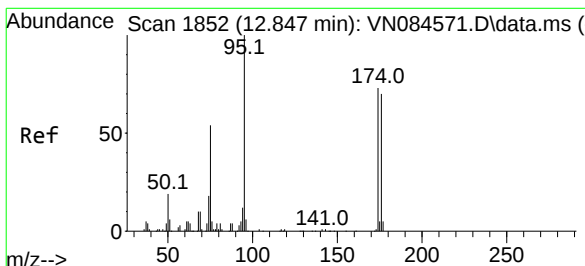
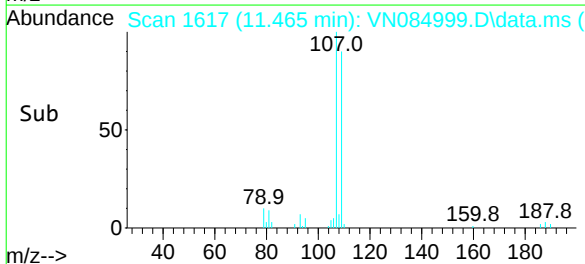
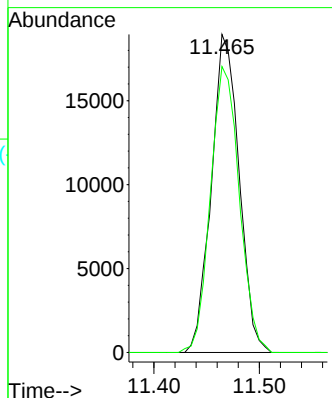
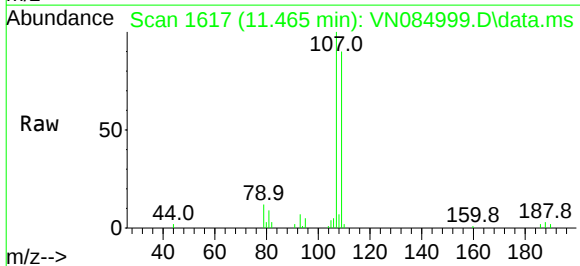
#61
1,2-Dibromoethane
Concen: 21.850 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 107 Resp: 34708
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.0

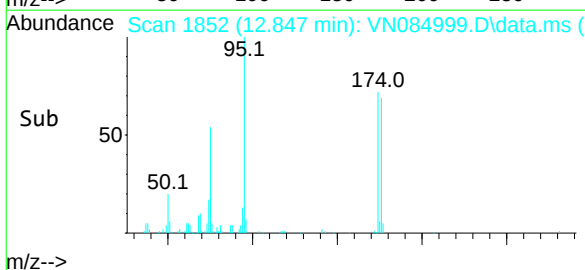
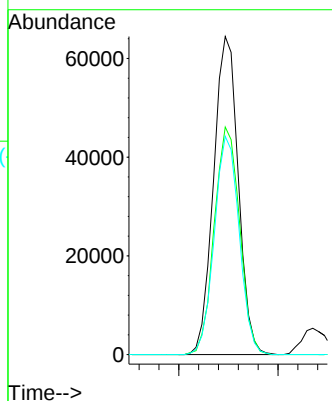
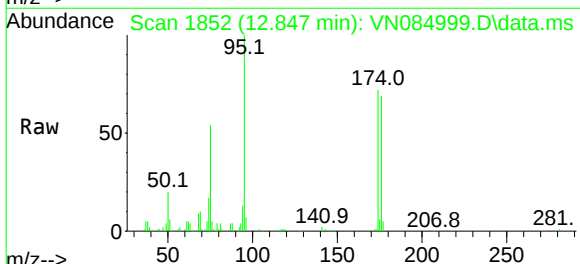
Manual Integrations
APPROVED

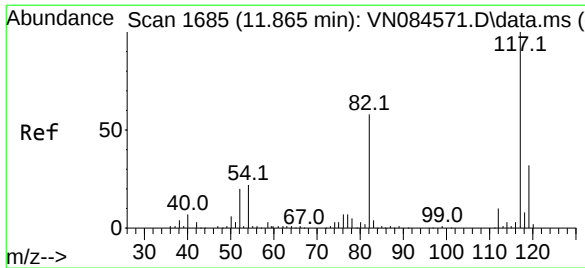
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#62
4-Bromofluorobenzene
Concen: 51.289 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 95 Resp: 111628
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.2
176 69.0 0.0 140.0





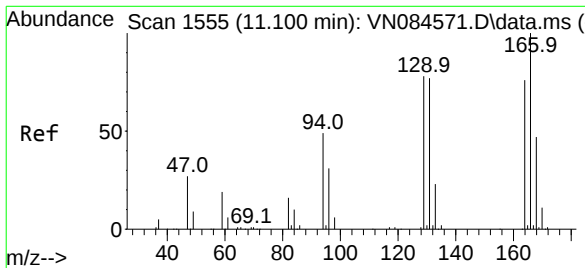
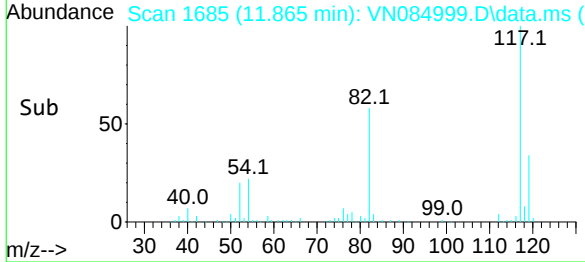
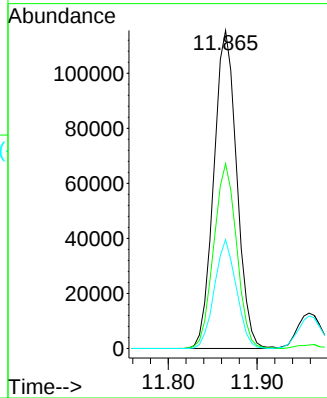
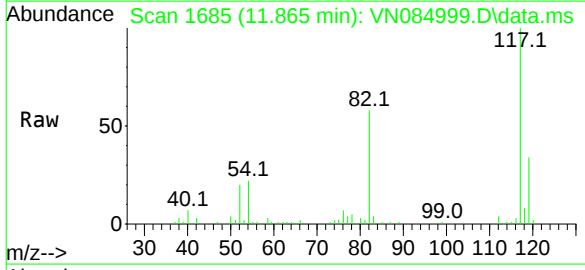
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:117 Resp: 207781
Ion Ratio Lower Upper
117 100
82 58.1 47.2 70.8
119 34.2 25.4 38.0

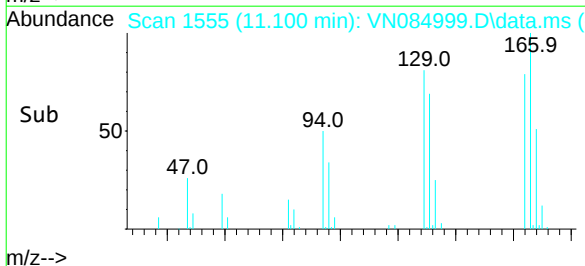
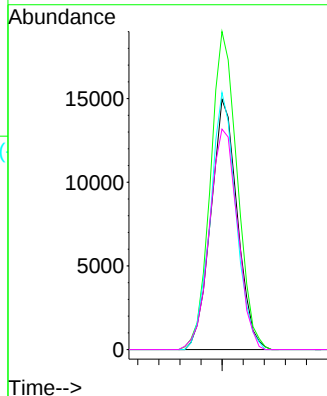
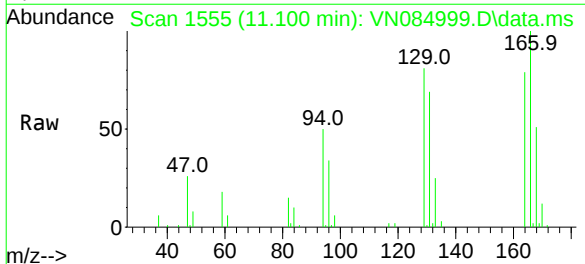
Manual Integrations
APPROVED

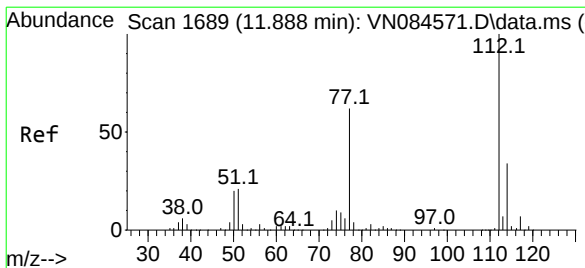
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#64
Tetrachloroethene
Concen: 18.798 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:164 Resp: 25981
Ion Ratio Lower Upper
164 100
166 127.1 101.0 151.4
129 102.7 80.8 121.2
131 88.1 78.1 117.1





#65

Chlorobenzene

Concen: 19.466 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

Tgt Ion:112 Resp: 90488

Ion Ratio Lower Upper

112 100

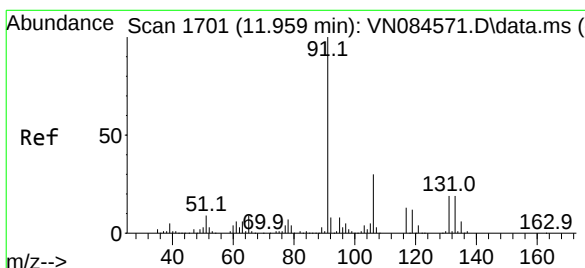
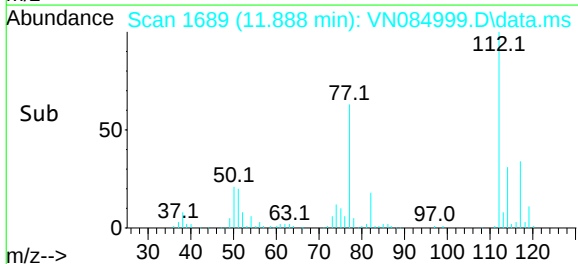
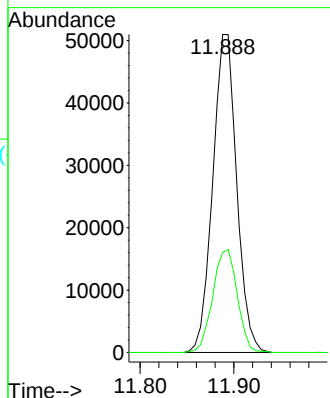
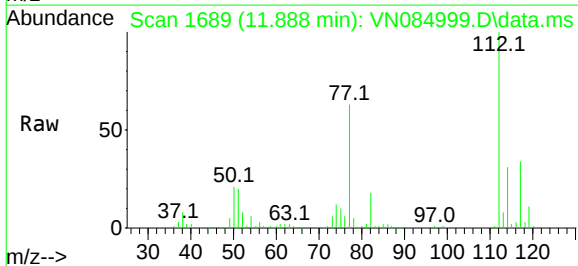
114 31.5 27.0 40.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 21.579 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

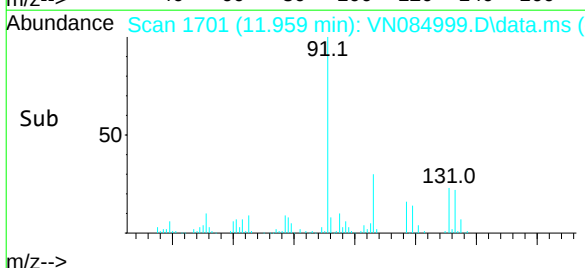
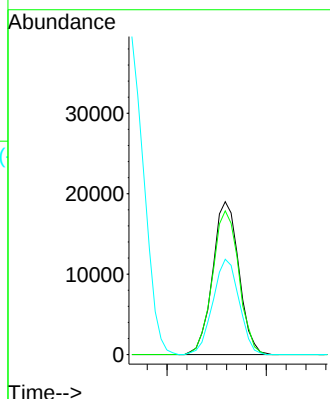
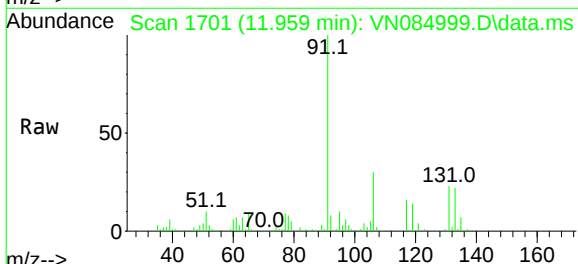
Tgt Ion:131 Resp: 34891

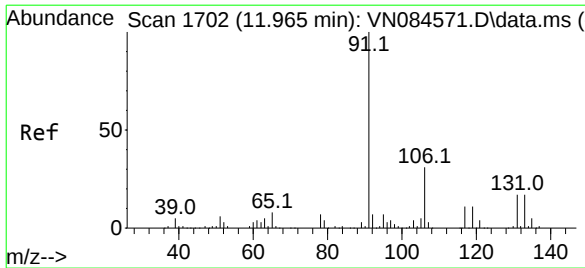
Ion Ratio Lower Upper

131 100

133 94.5 47.9 143.7

119 62.5 32.8 98.3





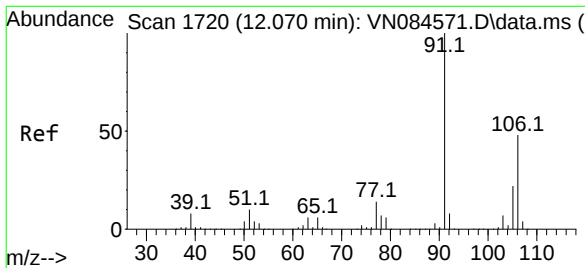
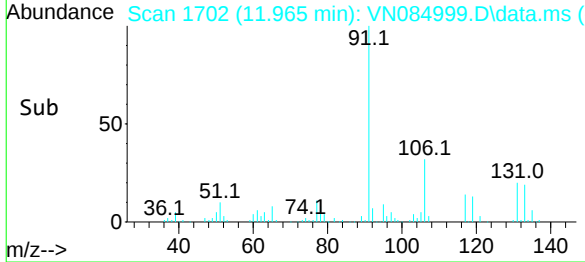
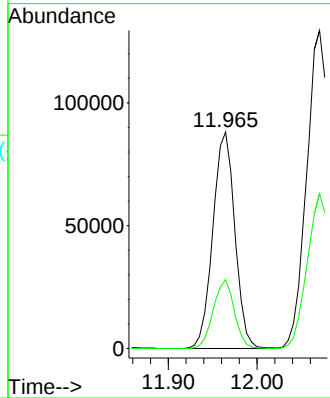
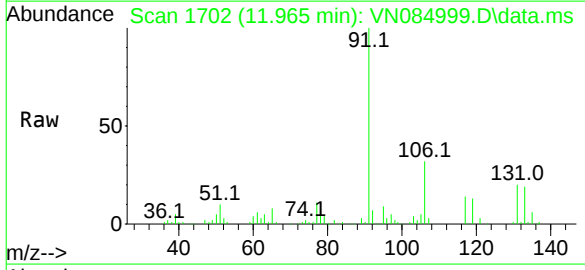
#67
Ethyl Benzene
Concen: 19.532 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 91 Resp: 151552
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7

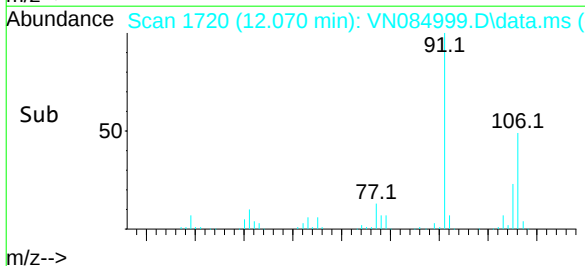
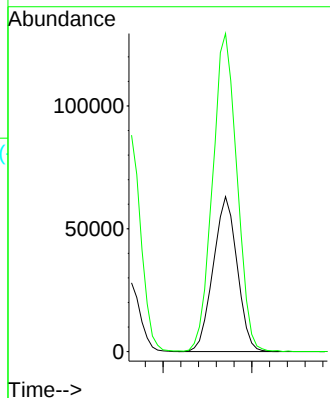
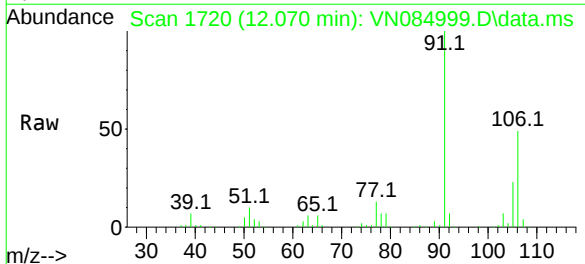
Manual Integrations
APPROVED

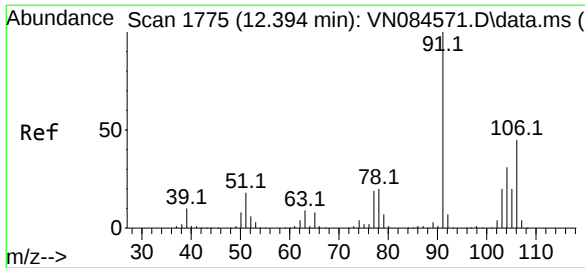
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#68
m/p-Xylenes
Concen: 40.175 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:106 Resp: 118016
Ion Ratio Lower Upper
106 100
91 209.3 167.1 250.7





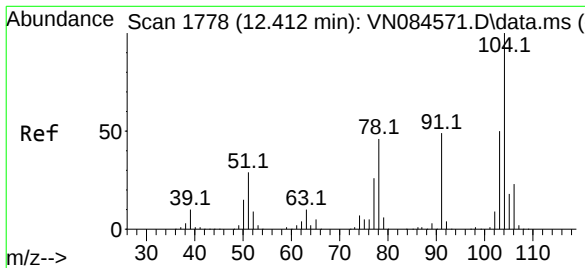
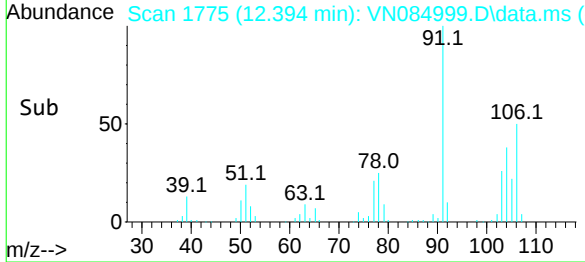
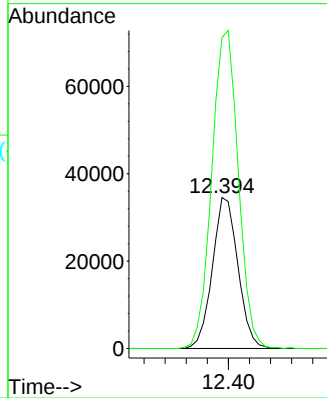
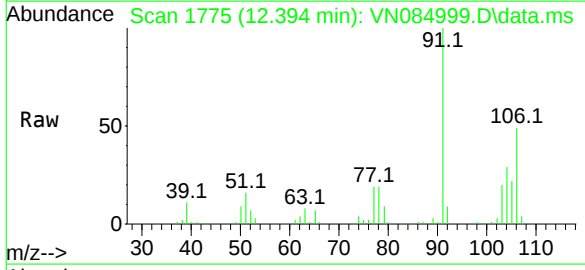
#69
o-Xylene
Concen: 21.136 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:106 Resp: 58082
Ion Ratio Lower Upper
106 100
91 219.1 110.2 330.6

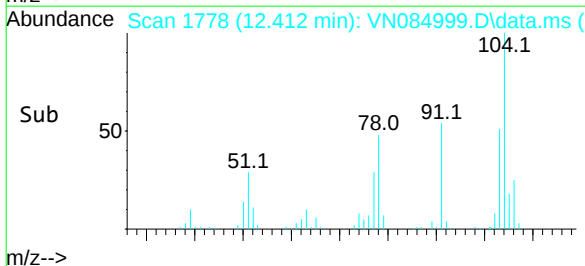
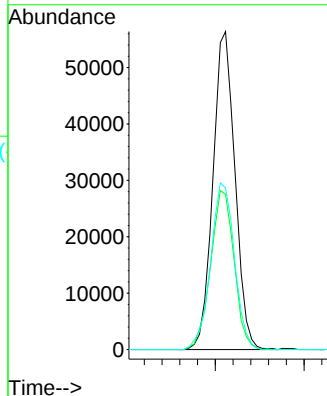
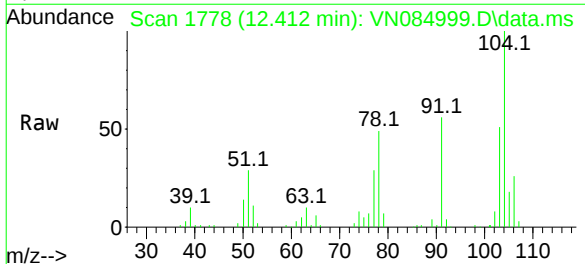
Manual Integrations
APPROVED

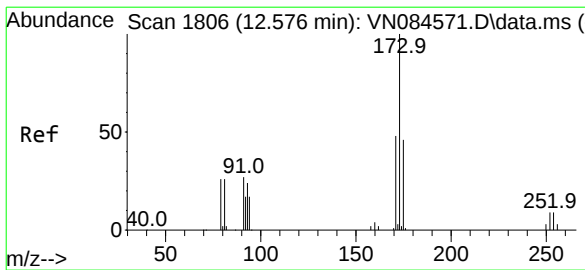
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#70
Styrene
Concen: 20.298 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:104 Resp: 97305
Ion Ratio Lower Upper
104 100
78 53.1 42.7 64.1
103 56.4 43.6 65.4





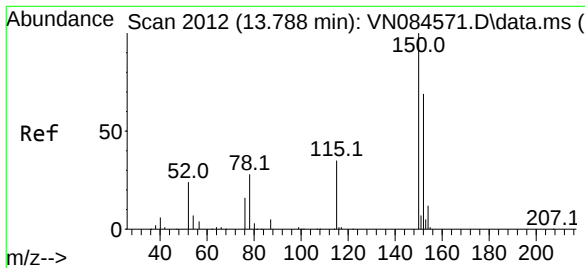
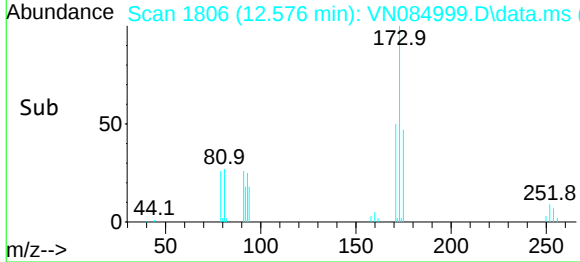
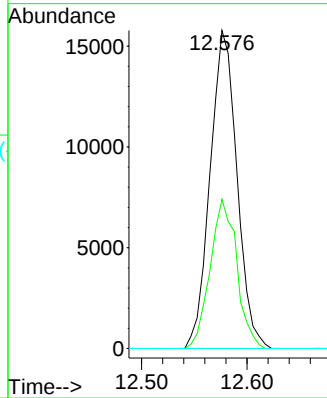
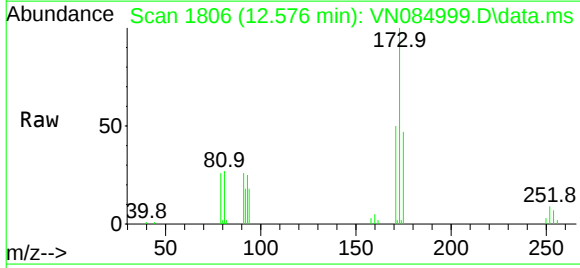
#71
Bromoform
Concen: 22.936 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.5	70.6
254	0.0	0.0	0.0

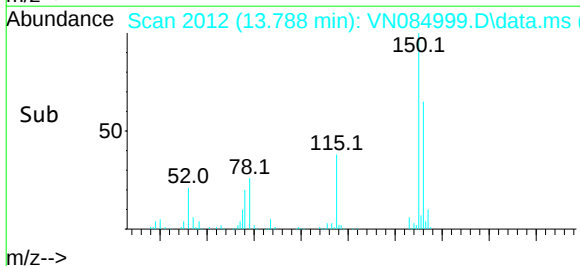
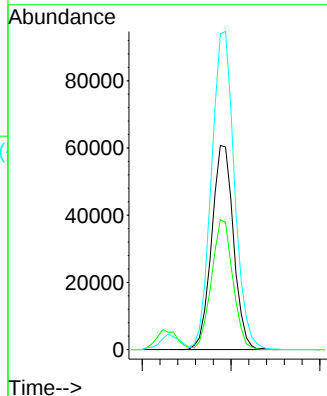
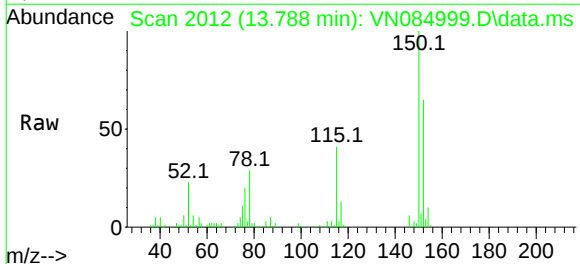
Manual Integrations
APPROVED

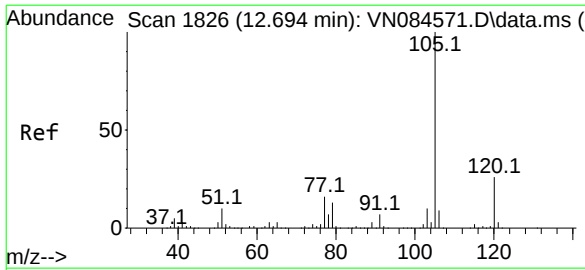
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	31.3	93.9
150	163.7	0.0	349.8





#73

Isopropylbenzene

Concen: 19.639 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

Tgt Ion: 105 Resp: 142976

Ion Ratio Lower Upper

105 100

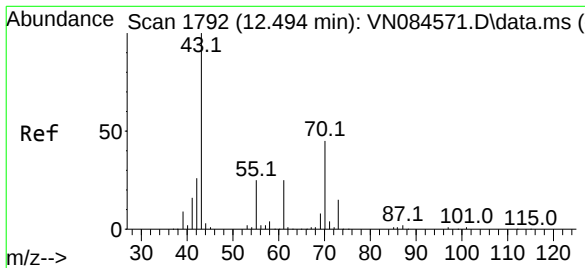
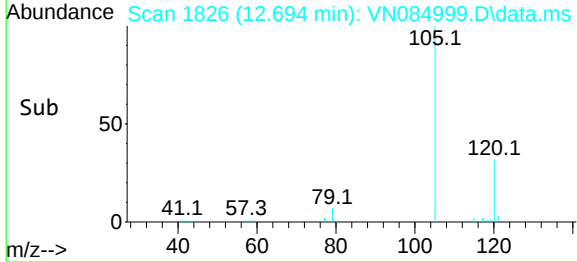
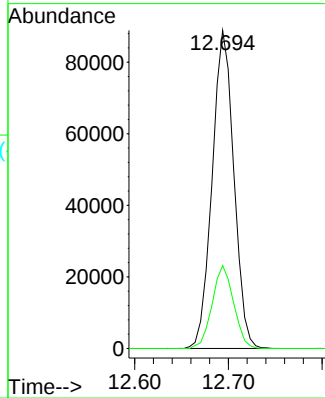
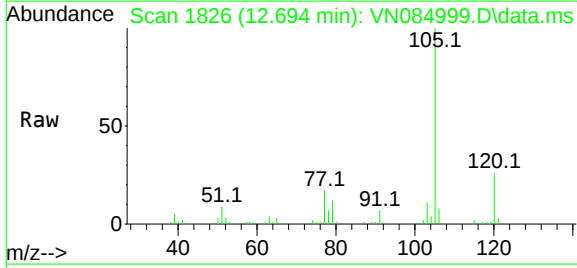
120 25.7 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#74

N-ethyl acetate

Concen: 21.829 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Tgt Ion: 43 Resp: 67634

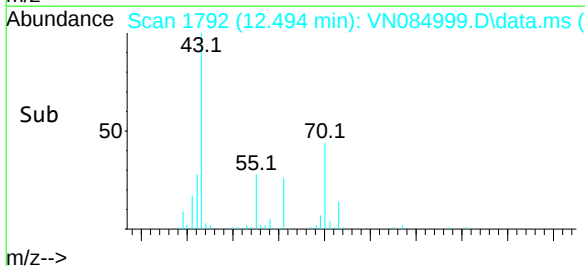
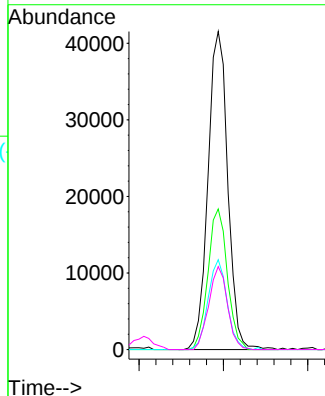
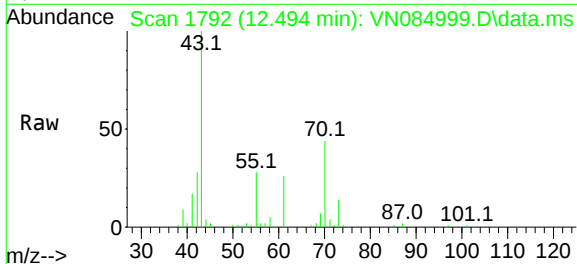
Ion Ratio Lower Upper

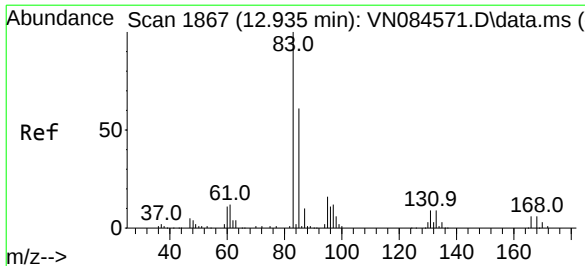
43 100

70 43.3 34.4 51.6

55 27.1 19.6 29.4

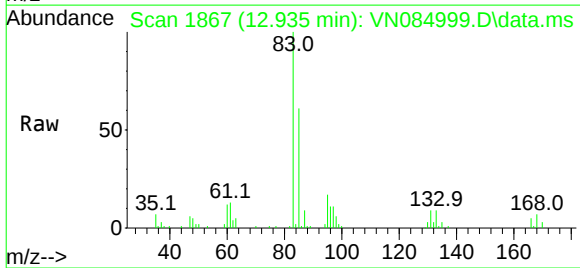
61 24.7 19.6 29.4





#75
1,1,2,2-Tetrachloroethane
Concen: 22.205 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

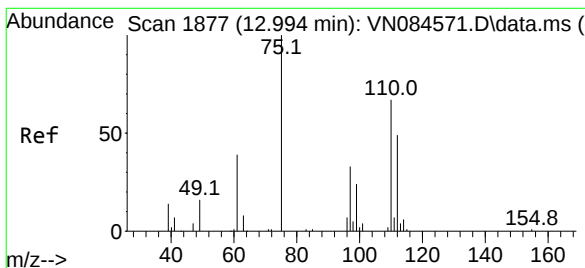
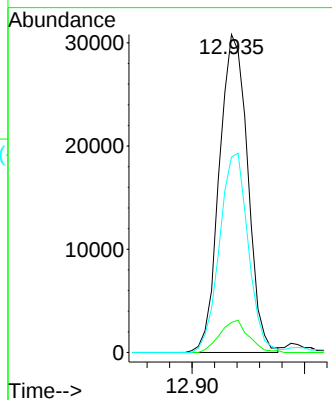
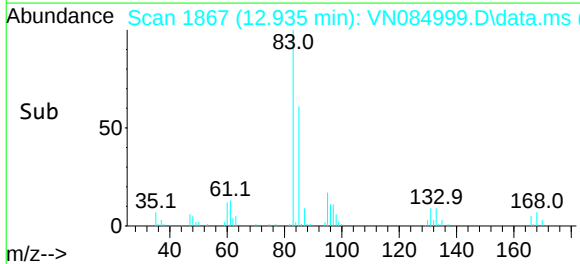
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion:	83	Resp:	53957
Ion	Ratio	Lower	Upper
83	100		
131	10.3	4.9	14.7
85	63.5	31.9	95.7

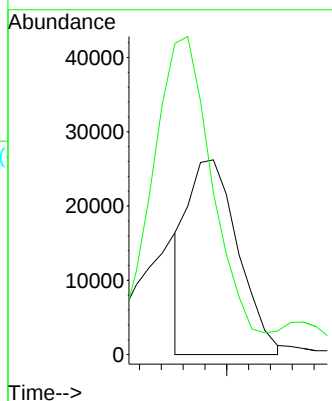
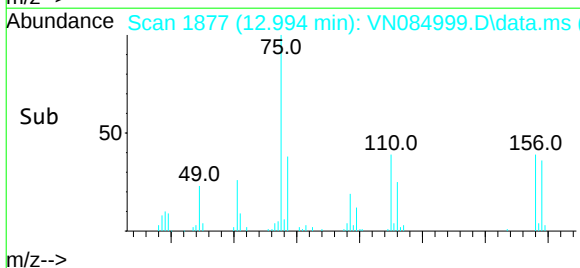
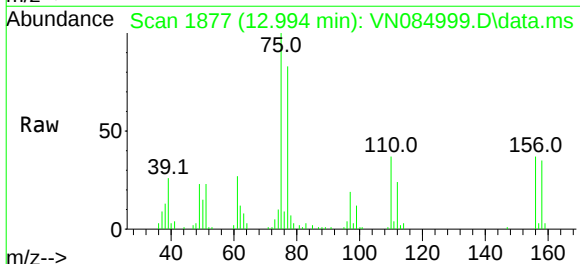
Manual Integrations
APPROVED

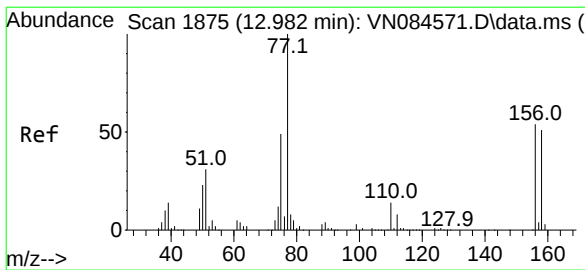
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#76
1,2,3-Trichloropropane
Concen: 20.343 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

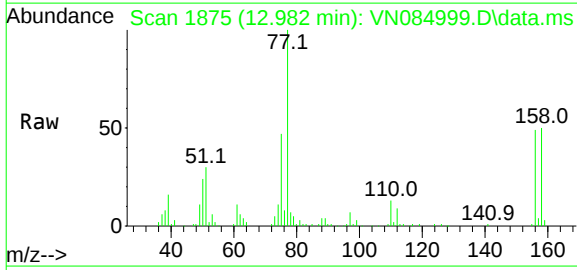
Tgt Ion:	75	Resp:	42244
Ion	Ratio	Lower	Upper
75	100		
77	201.5	96.9	290.7





#77
Bromobenzene
Concen: 19.208 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

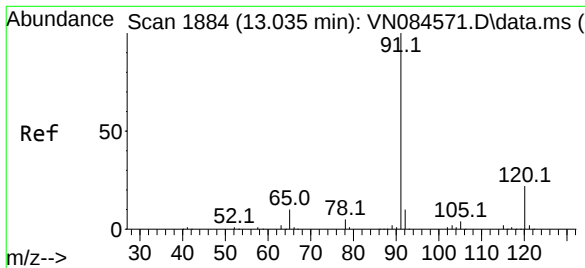
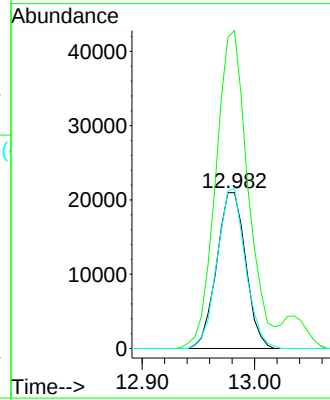
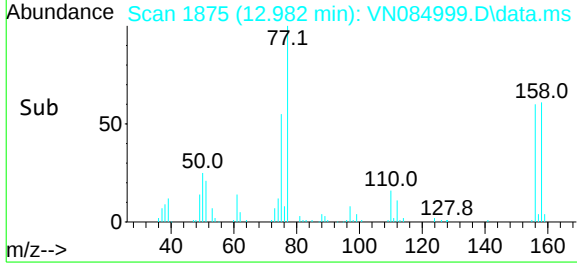
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 156 Resp: 37591
Ion Ratio Lower Upper
156 100
77 226.5 115.1 345.3
158 100.6 48.9 146.8

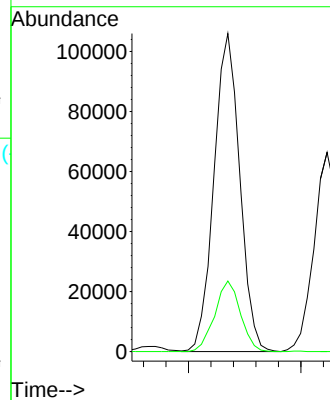
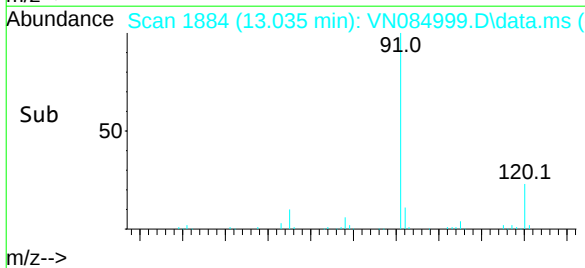
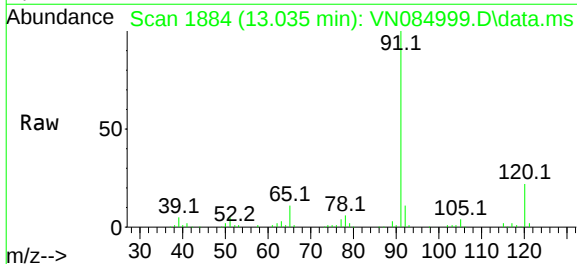
Manual Integrations
APPROVED

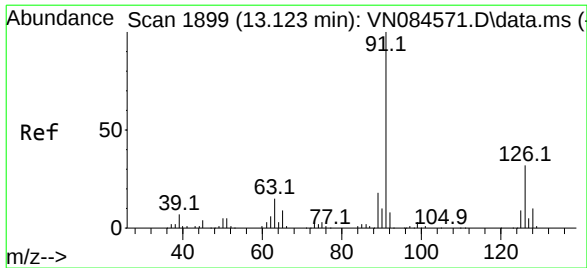
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#78
n-propylbenzene
Concen: 19.816 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 91 Resp: 169045
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





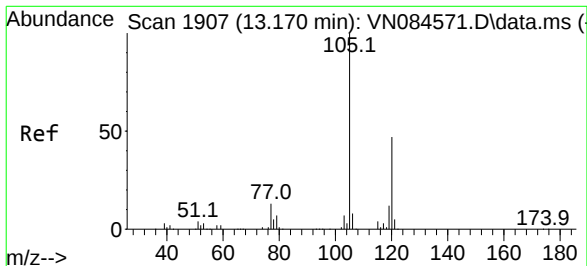
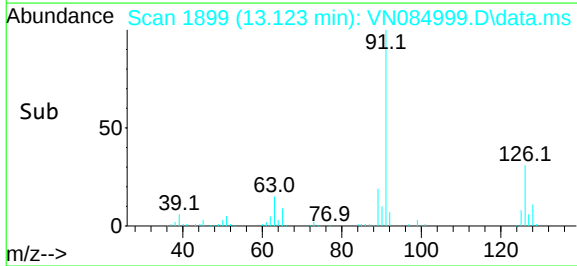
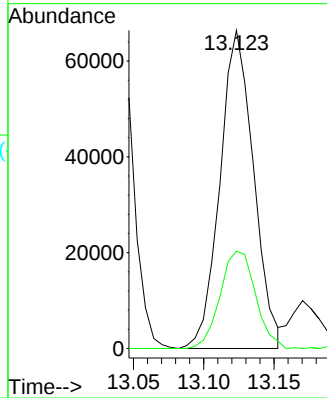
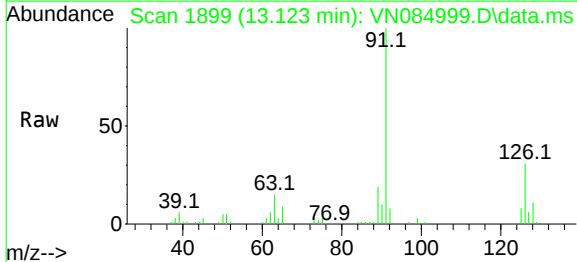
#79
2-Chlorotoluene
Concen: 19.801 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion: 91 Resp: 110371
Ion Ratio Lower Upper
91 100
126 32.2 15.7 47.1

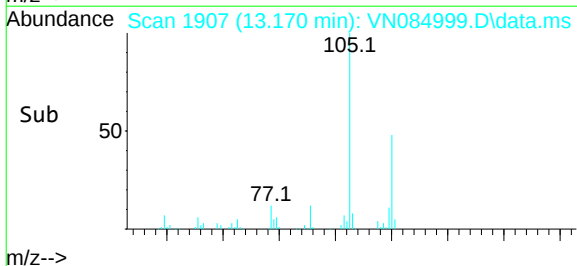
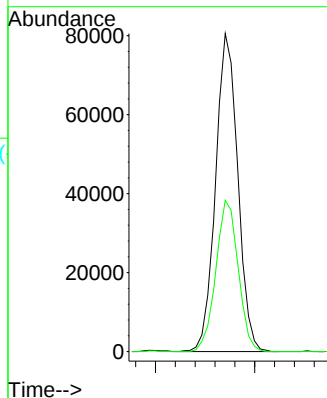
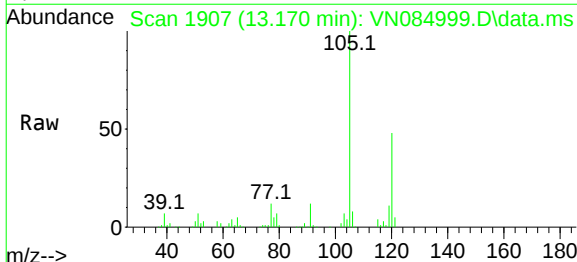
Manual Integrations
APPROVED

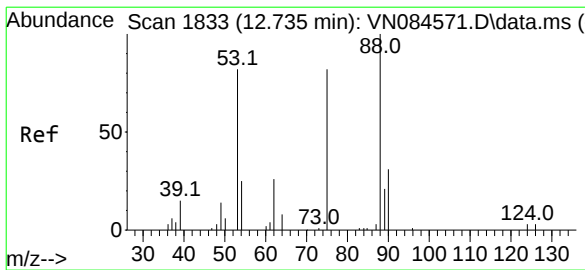
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#80
1,3,5-Trimethylbenzene
Concen: 20.764 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

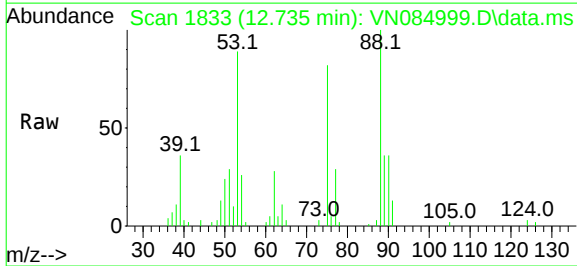
Tgt Ion:105 Resp: 125282
Ion Ratio Lower Upper
105 100
120 47.8 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 21.747 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

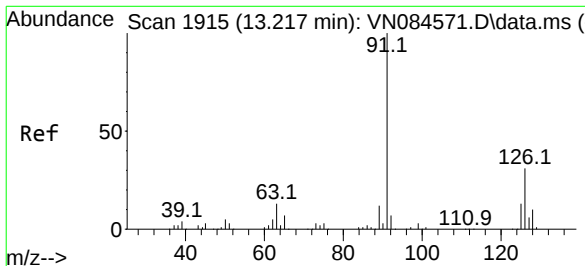
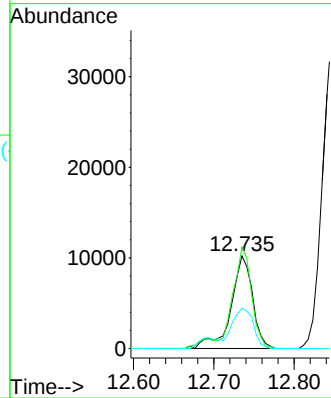
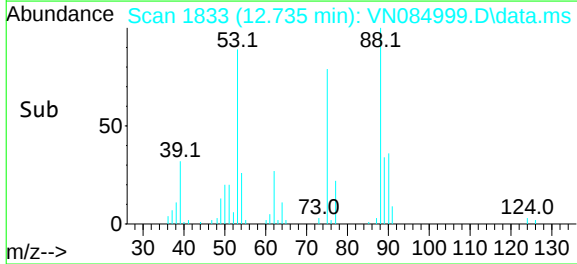
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



Tgt Ion: 75 Resp: 19035
Ion Ratio Lower Upper
75 100
53 94.8 78.0 117.0
89 42.0 35.5 53.3

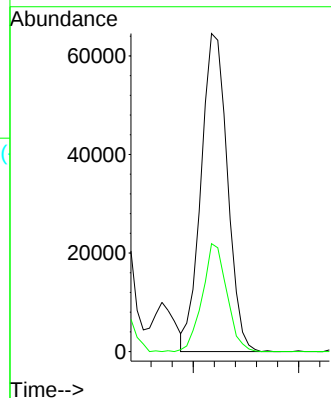
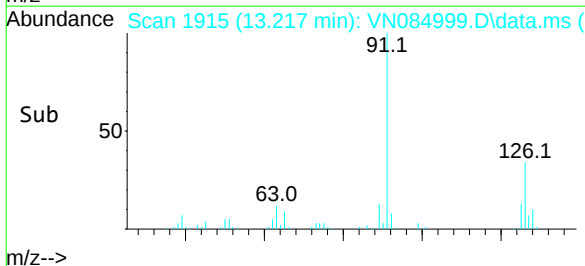
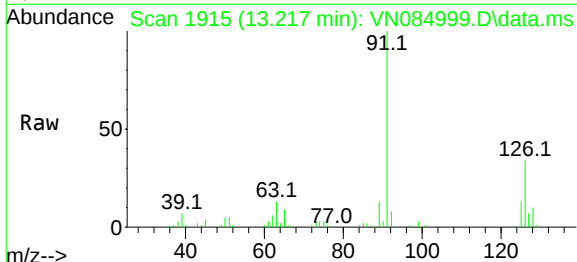
Manual Integrations
APPROVED

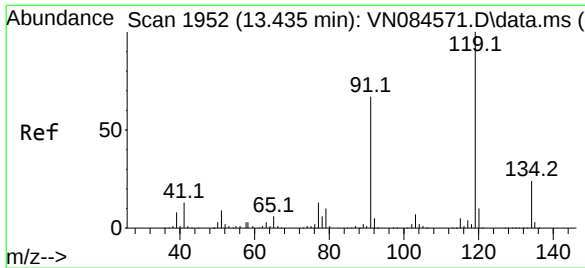
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#82
4-Chlorotoluene
Concen: 19.128 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion: 91 Resp: 112209
Ion Ratio Lower Upper
91 100
126 31.6 15.7 47.1





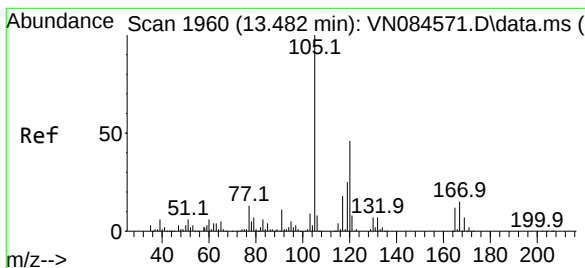
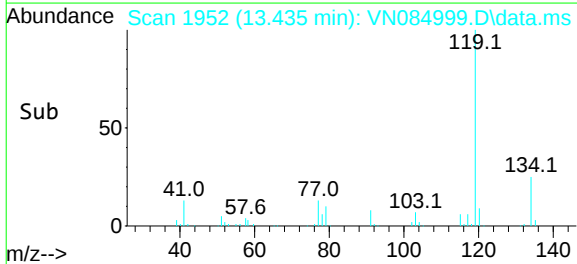
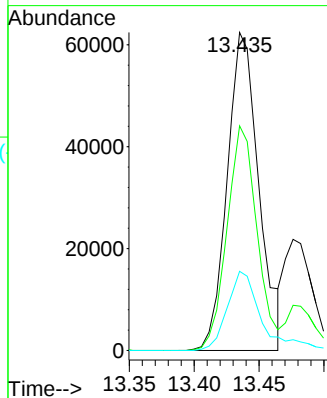
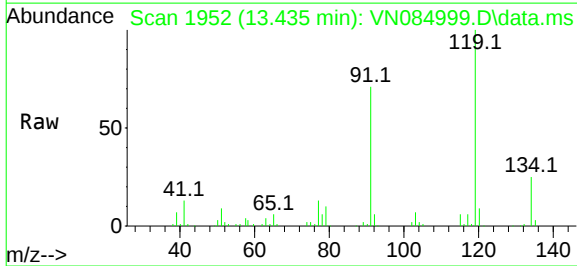
#83
tert-Butylbenzene
Concen: 21.207 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:119 Resp: 105896
Ion Ratio Lower Upper
119 100
91 67.1 34.1 102.3
134 26.8 12.8 38.4

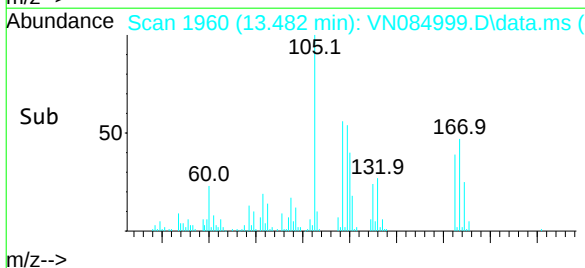
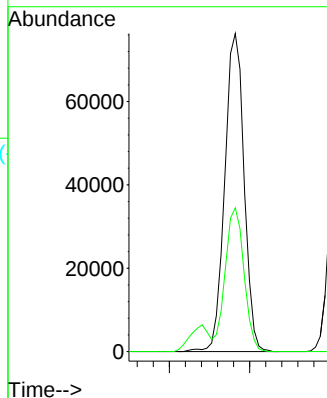
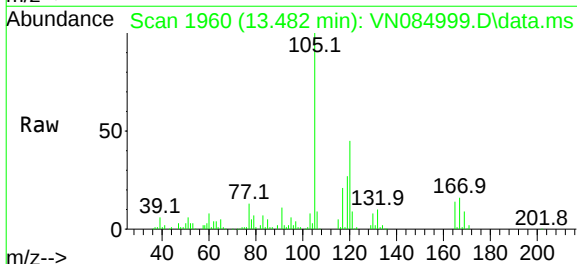
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#84
1,2,4-Trimethylbenzene
Concen: 20.480 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Tgt Ion:105 Resp: 127537
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.273 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

Tgt Ion:105 Resp: 142998

Ion Ratio Lower Upper

105 100

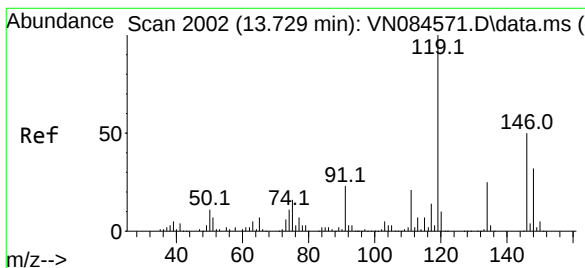
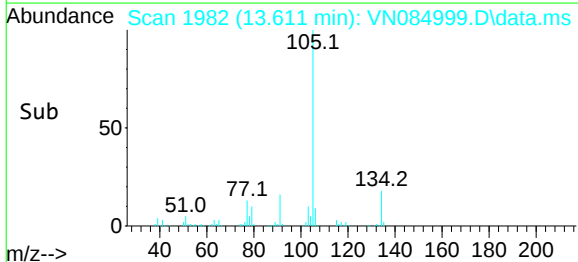
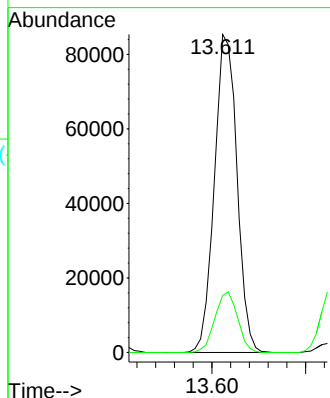
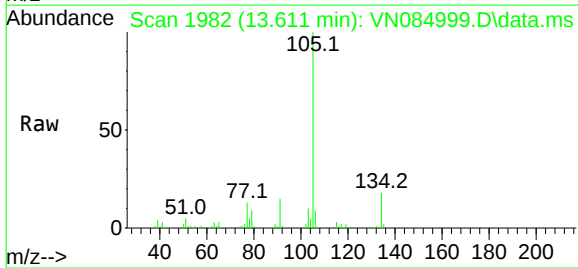
134 19.1 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#86

p-Isopropyltoluene

Concen: 20.345 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

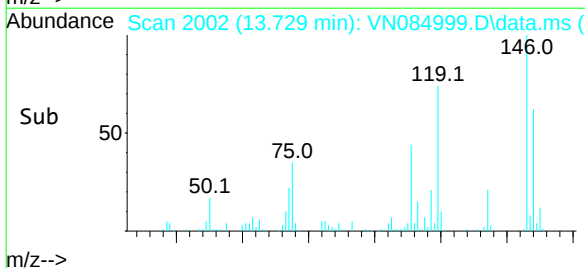
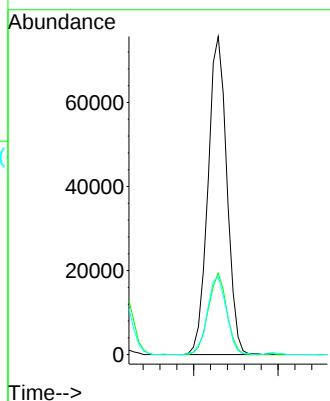
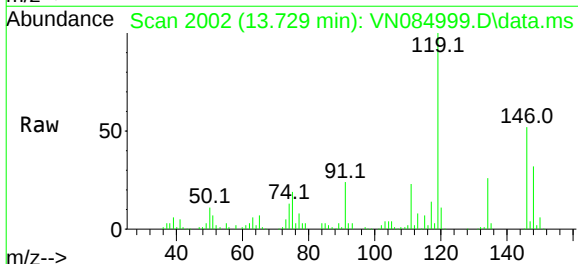
Tgt Ion:119 Resp: 117693

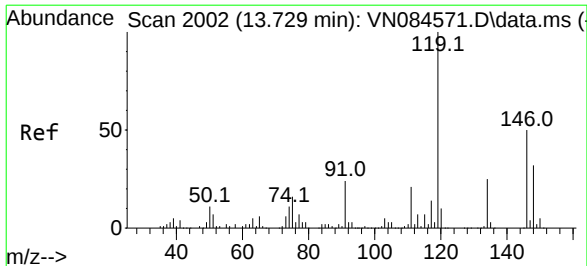
Ion Ratio Lower Upper

119 100

134 25.0 12.6 37.8

91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.102 ug/l

RT: 13.735 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

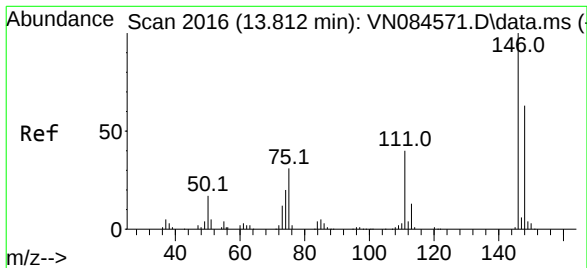
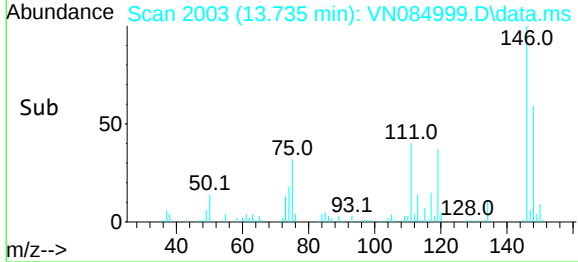
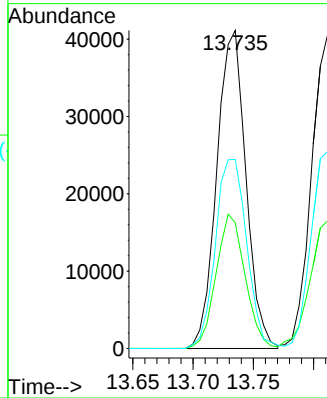
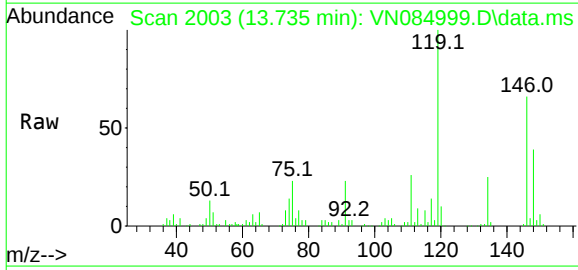
Tgt Ion:	146	Resp:	69136
Ion Ratio	Lower	Upper	
146	100		
111	42.1	21.8	65.3
148	64.1	31.9	95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#88

1,4-Dichlorobenzene

Concen: 19.192 ug/l

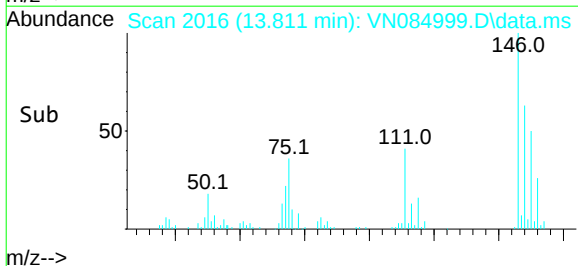
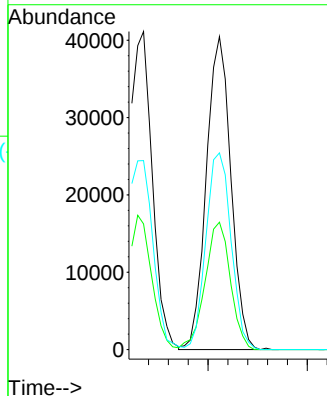
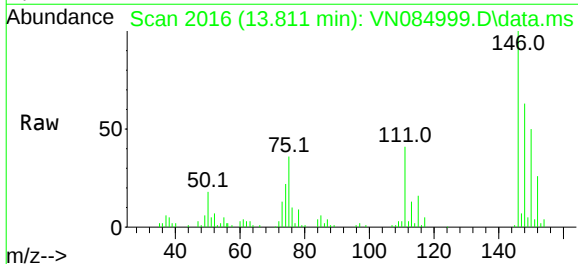
RT: 13.811 min Scan# 2016

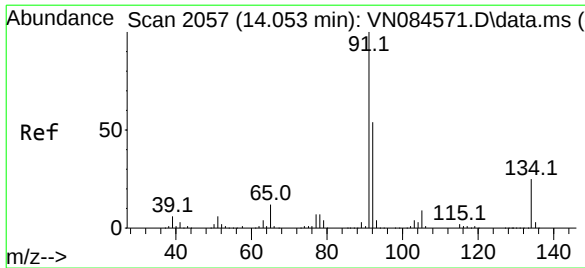
Delta R.T. -0.001 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Tgt Ion:	146	Resp:	69680
Ion Ratio	Lower	Upper	
146	100		
111	42.0	21.2	63.6
148	64.3	31.9	95.9





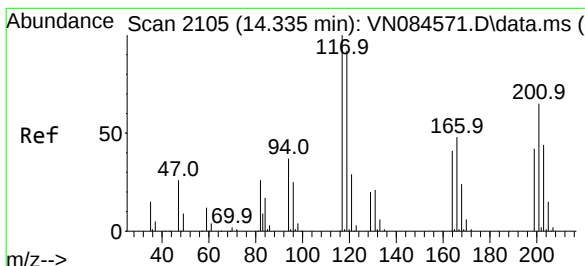
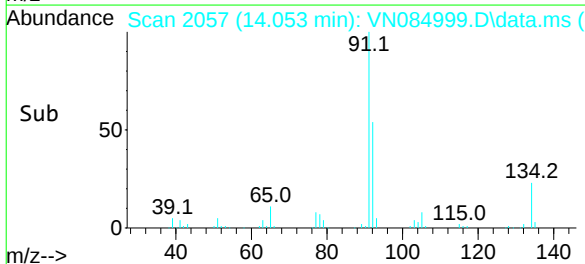
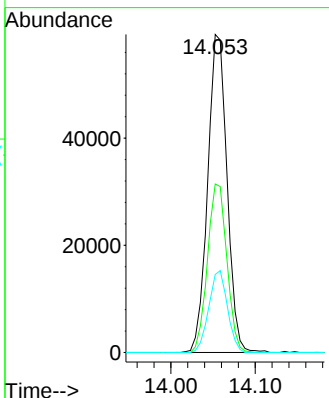
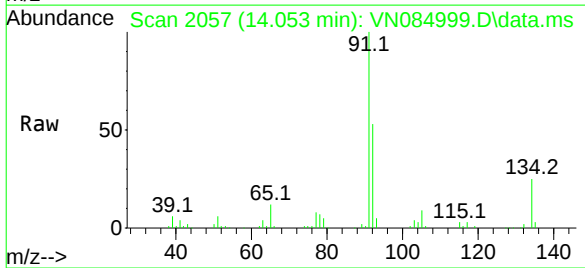
#89
n-Butylbenzene
Concen: 17.494 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02

Tgt Ion:	91	Resp:	94663
Ion Ratio	Lower	Upper	
91	100		
92	52.9	26.6	79.7
134	24.8	12.3	36.9

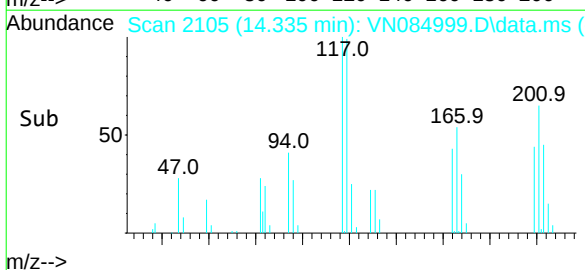
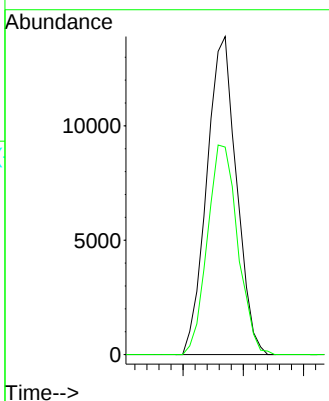
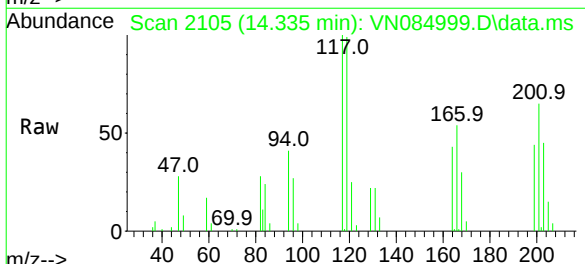
Manual Integrations
APPROVED

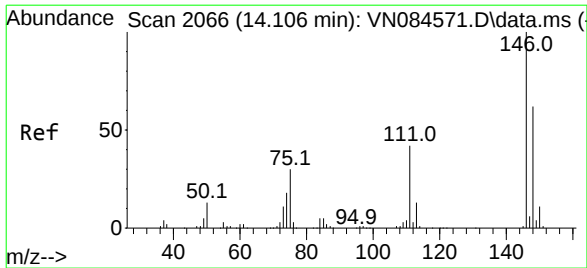
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



#90
Hexachloroethane
Concen: 18.479 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

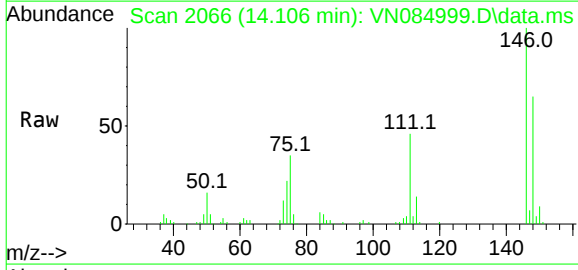
Tgt Ion:	117	Resp:	23840
Ion Ratio	Lower	Upper	
117	100		
201	67.4	34.4	103.2





#91
1,2-Dichlorobenzene
Concen: 18.899 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20

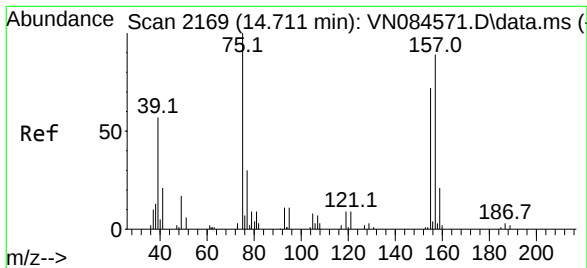
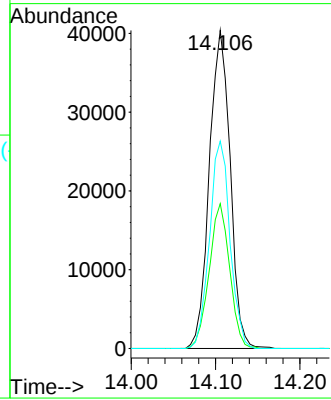
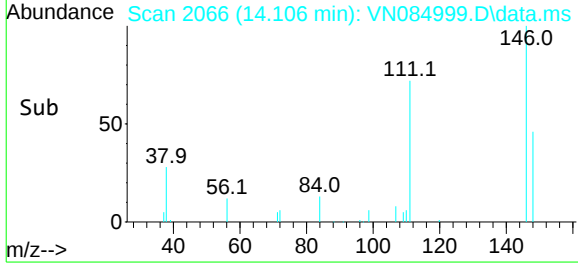
Instrument :
MSVOA_N
ClientSampleId :
VN1121WBSD02



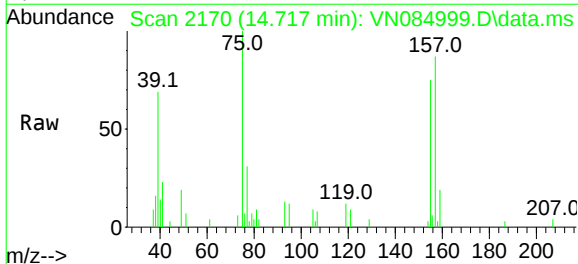
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.0	66.0
148	64.2	32.1	96.3

Manual Integrations
APPROVED

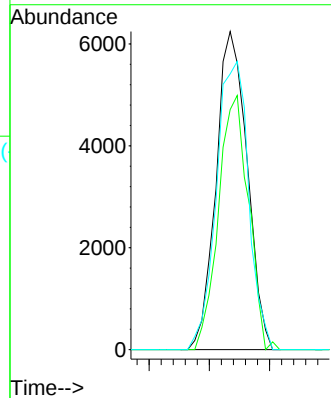
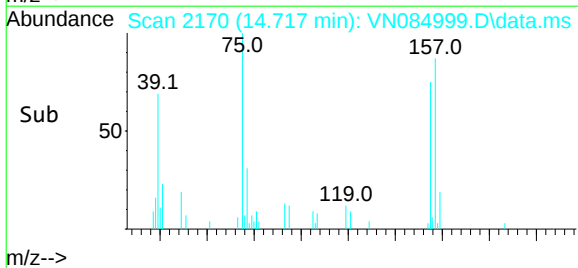
Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

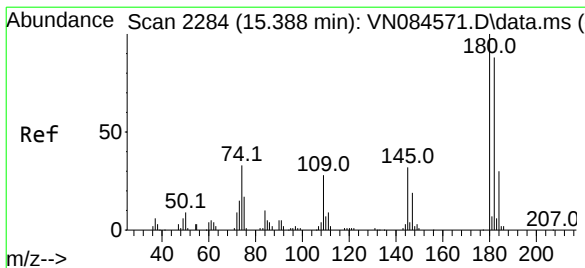


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.778 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN084999.D
Acq: 21 Nov 2024 17:20



Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	38.1	114.5
157	93.8	49.6	149.0





#93

1,2,4-Trichlorobenzene

Concen: 16.902 ug/l

RT: 15.394 min Scan# 2284

Delta R.T. 0.006 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

Tgt Ion:180 Resp: 33952

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.0

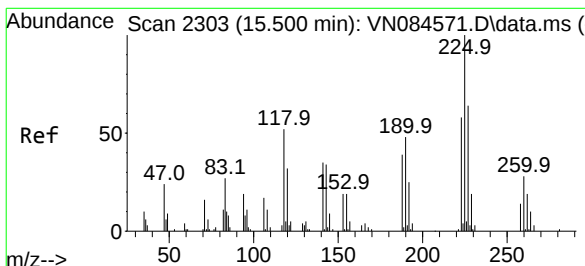
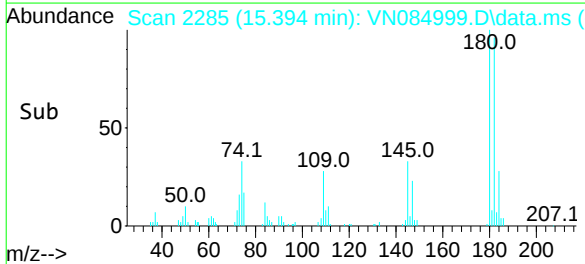
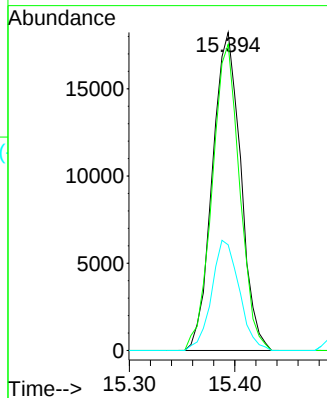
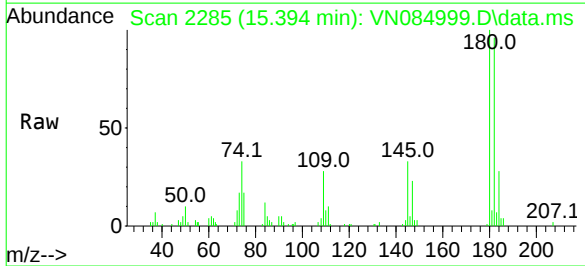
145 33.8 16.4 49.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#94

Hexachlorobutadiene

Concen: 17.891 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

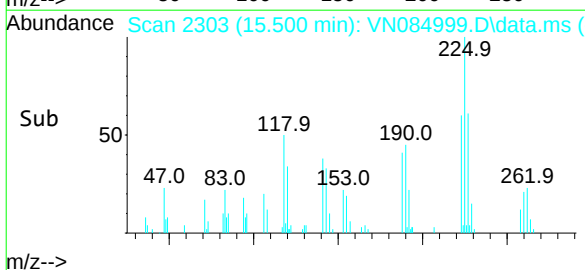
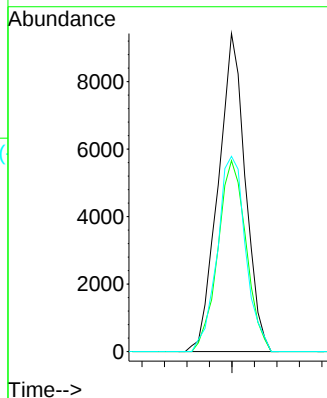
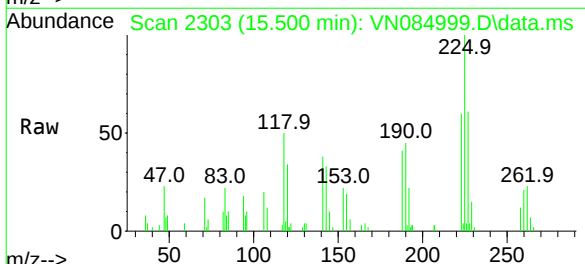
Tgt Ion:225 Resp: 15783

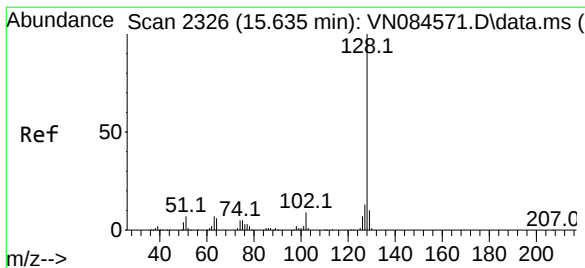
Ion Ratio Lower Upper

225 100

223 62.7 32.4 97.2

227 64.1 32.4 97.0





#95

Naphthalene

Concen: 18.326 ug/l

RT: 15.641 min Scan# 2326

Delta R.T. 0.006 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Instrument :

MSVOA_N

ClientSampleId :

VN1121WBSD02

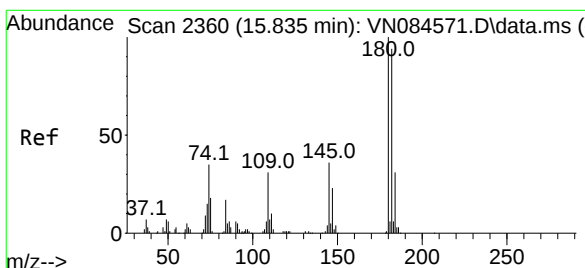
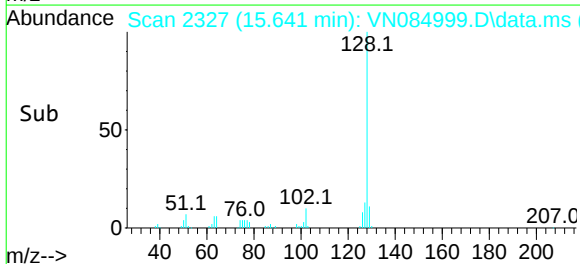
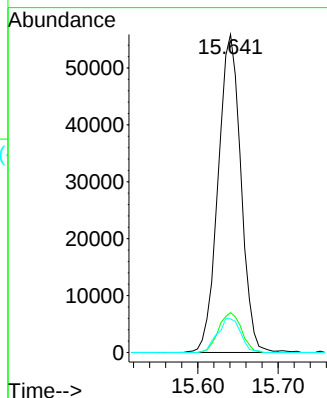
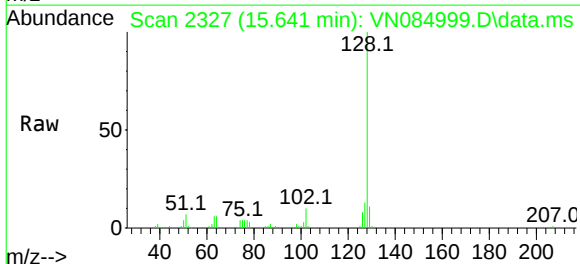
Tgt Ion:	128	Resp:	110187
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.111 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN084999.D

Acq: 21 Nov 2024 17:20

Tgt Ion:	180	Resp:	33367
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.2	144.6
145	36.8	17.3	51.9

