

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085023.D
 Acq On : 25 Nov 2024 11:35
 Operator : JC\MD
 Sample : VN1125WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/26/2024

Quant Time: Nov 25 15:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	29961	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.094	114	160469	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	146596	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	71402	29.643	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.800%		
60) 4-Bromofluorobenzene	12.847	95	74681	29.587	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.633%		
63) Toluene-d8	10.565	98	205001	29.540	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	98.467%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	34082	19.558	ug/l	95
3) Chloromethane	2.359	50	35256	16.804	ug/l	95
4) Vinyl Chloride	2.512	62	35295	18.117	ug/l	98
5) Bromomethane	2.906	94	18639	18.849	ug/l	98
6) Chloroethane	3.089	64	24033	18.788	ug/l	91
7) Trichlorofluoromethane	3.483	101	61482	19.432	ug/l	94
8) Diethyl Ether	3.953	74	20462	18.131	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	34113	19.078	ug/l	95
10) 1,1-Dichloroethene	4.330	96	32368	18.538	ug/l	98
11) Methyl Iodide	4.583	142	45720	19.051	ug/l	89
12) Methyl Acetate	5.018	43	41714	15.327	ug/l	98
13) Acrolein	4.177	56	31350	93.406	ug/l	99
14) Acrylonitrile	5.712	53	77017	86.499	ug/l	97
15) Acetone	4.424	58	21379	93.449	ug/l	97
16) Carbon Disulfide	4.706	76	88793	17.283	ug/l #	92
17) Allyl chloride	5.012	41	50790	17.071	ug/l	93
18) Methylene Chloride	5.259	84	36094	17.640	ug/l	98
19) trans-1,2-Dichloroethene	5.777	96	32853	17.951	ug/l	91
20) Diisopropyl ether	6.659	45	105558	17.723	ug/l	97
21) 1,1-Dichloroethane	6.559	63	63877	17.833	ug/l	98
22) cis-1,2-Dichloroethene	7.483	96	39067	17.879	ug/l	97
23) tert-Butyl Alcohol	5.530	59	25750m	82.839	ug/l	
24) Methyl tert-Butyl Ether	5.794	73	102293	18.116	ug/l	100
25) Chloroform	7.959	83	67648	18.434	ug/l	93
26) Cyclohexane	8.253	56	50507	18.460	ug/l #	99
29) 1,1-Dichloropropene	8.365	75	43997	18.203	ug/l	99
30) 2-Butanone	7.477	43	101555	91.087	ug/l	99
31) 2,2-Dichloropropane	7.488	77	60913	20.646	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	62400	19.003	ug/l	100
33) Carbon Tetrachloride	8.353	117	54308	19.382	ug/l	99
34) Benzene	8.600	78	146678	18.360	ug/l	95
35) Methacrylonitrile	7.771	41	23022	17.422	ug/l	92
36) 1,2-Dichloroethane	8.665	62	48933	18.418	ug/l	98
37) Trichloroethene	9.347	130	33960	18.843	ug/l	98
38) Methylcyclohexane	9.594	83	48217	18.531	ug/l	98
39) 1,2-Dichloropropane	9.618	63	35976	18.707	ug/l	95
40) Dibromomethane	9.700	93	25048	18.618	ug/l	97
41) Bromodichloromethane	9.882	83	52574	18.229	ug/l	97
42) Vinyl Acetate	6.600	43	372968	89.496	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085023.D
 Acq On : 25 Nov 2024 11:35
 Operator : JC\MD
 Sample : VN1125WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/25/2024
 Supervised By : Mahesh Dadoda 11/26/2024

Quant Time: Nov 25 15:13:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	40174	17.148	ug/l	96
44) Isopropyl Acetate	8.682	43	66633	14.046	ug/l #	89
45) 1,4-Dioxane	9.700	88	10863	343.001	ug/l #	89
46) Methyl methacrylate	9.676	41	30794	16.153	ug/l	90
47) n-amyl Acetate	12.494	43	57997	16.370	ug/l	100
48) t-1,3-Dichloropropene	10.829	75	49833	17.498	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	55413	18.155	ug/l	99
50) 1,1,2-Trichloroethane	11.012	97	33677	18.662	ug/l	94
51) Ethyl methacrylate	10.871	69	46868	16.849	ug/l	94
52) 1,3-Dichloropropane	11.159	76	56750	18.117	ug/l	100
53) Dibromochloromethane	11.353	129	38484	18.223	ug/l	100
54) 1,2-Dibromoethane	11.465	107	32108	17.591	ug/l	93
55) 2-Chloroethyl vinyl ether	10.159	63	124090	90.990	ug/l	99
56) Bromoform	12.576	173	25179	17.787	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	197975	85.603	ug/l	99
59) 2-Hexanone	11.194	43	149022	87.995	ug/l	99
61) Tetrachloroethene	11.100	164	29382	19.151	ug/l	95
62) Toluene	10.629	91	152334	18.245	ug/l	99
64) Chlorobenzene	11.888	112	92928	18.436	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	35009	18.899	ug/l	98
66) Ethyl Benzene	11.959	91	156771	17.866	ug/l	100
67) m/p-Xylenes	12.070	106	122175	36.367	ug/l	100
68) o-Xylene	12.394	106	57781	17.830	ug/l	95
69) Styrene	12.406	104	96179	17.701	ug/l	97
70) Isopropylbenzene	12.694	105	146732	18.227	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	48357	18.533	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	30666m	13.764	ug/l	
73) Bromobenzene	12.976	156	37591	18.105	ug/l	98
74) n-propylbenzene	13.035	91	174209	18.506	ug/l	98
75) 2-Chlorotoluene	13.123	91	111706	18.222	ug/l	96
76) 1,3,5-Trimethylbenzene	13.170	105	128466	18.677	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	16073	17.589	ug/l	92
78) 4-Chlorotoluene	13.217	91	112704	18.196	ug/l	99
79) tert-butylbenzene	13.435	119	106667	18.753	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	130700	18.835	ug/l	98
81) sec-Butylbenzene	13.612	105	148820	18.987	ug/l	100
82) p-Isopropyltoluene	13.729	119	123086	18.690	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	71925	18.731	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	68294	17.999	ug/l	98
85) n-Butylbenzene	14.053	91	103219	18.661	ug/l	99
86) Hexachloroethane	14.329	117	25295	18.780	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	68646	18.142	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.717	75	9178	18.230	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	33344	18.098	ug/l	94
90) Hexachlorobutadiene	15.500	225	17640	21.919	ug/l	95
91) Naphthalene	15.635	128	94098	15.993	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	33344	18.098	ug/l	94

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

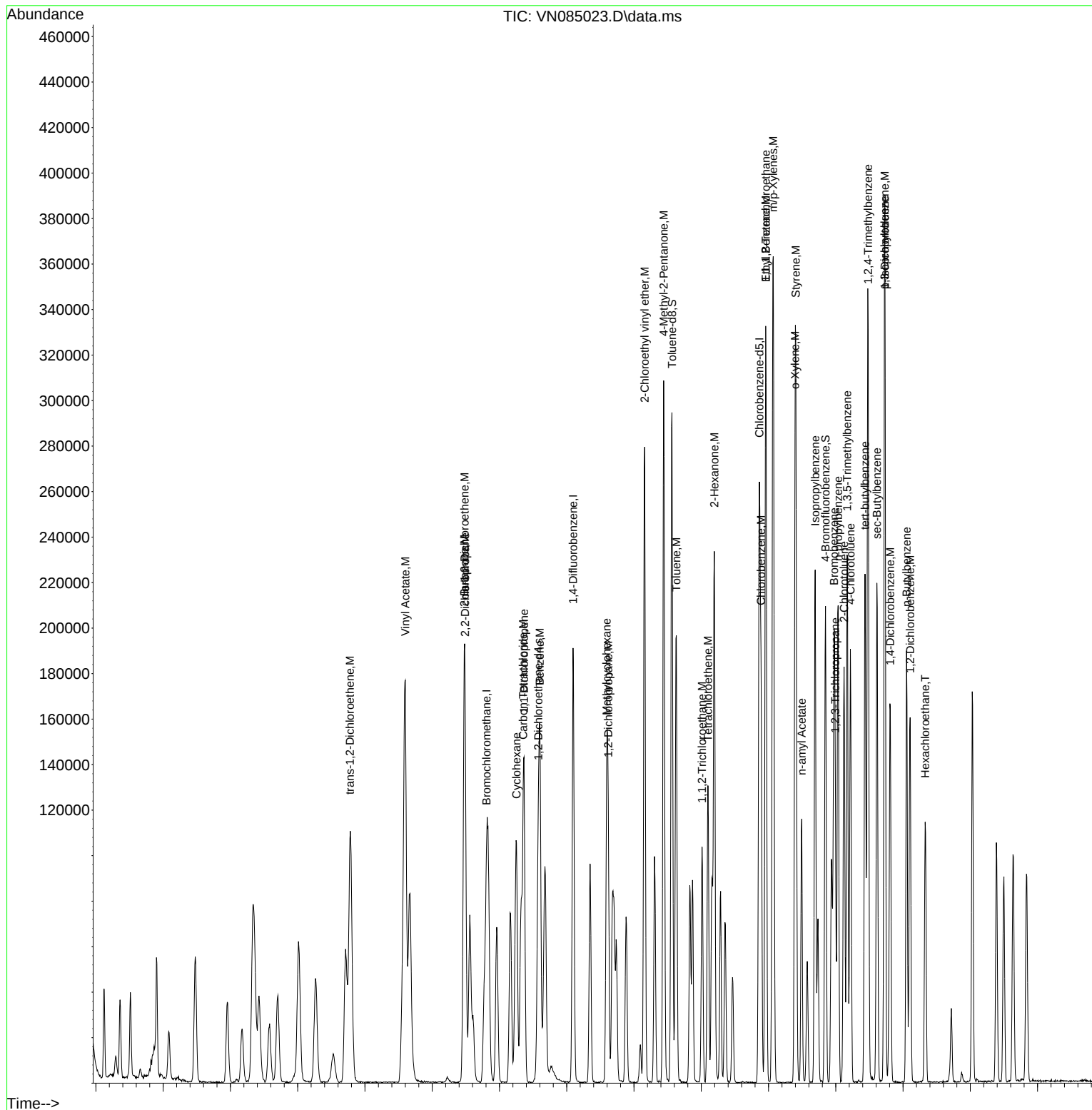
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
Data File : VN085023.D
Acq On : 25 Nov 2024 11:35
Operator : JC\MD
Sample : VN1125WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

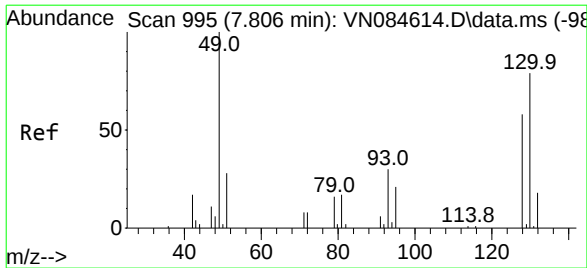
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 11/25/2024
Supervised By : Mahesh Dadoda 11/26/2024

Quant Time: Nov 25 15:13:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Nov 01 02:38:04 2024
Response via : Initial Calibration





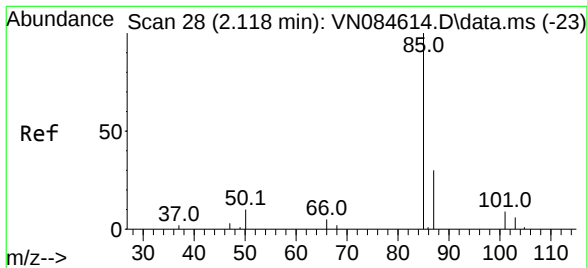
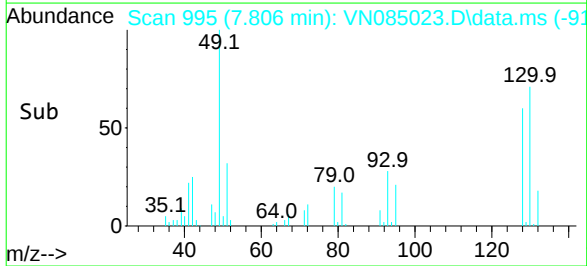
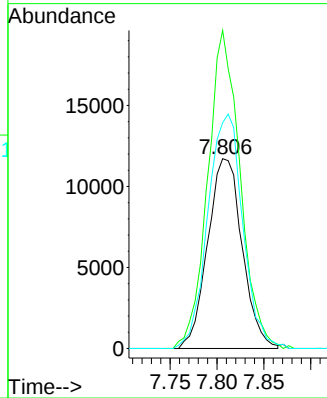
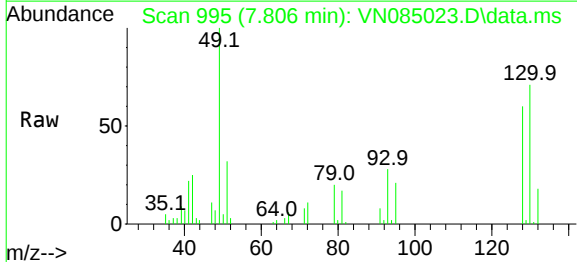
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
49	156.6	0.0	427.0
130	125.2	0.0	322.2

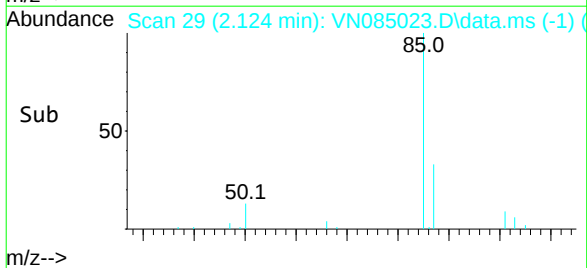
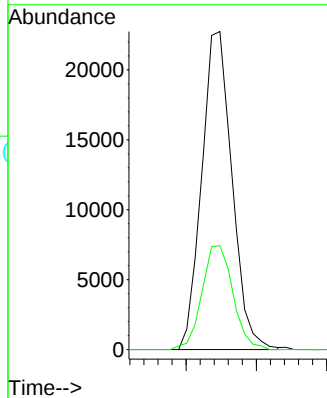
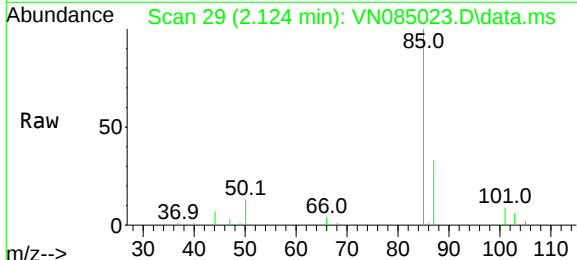
Manual Integrations
APPROVED

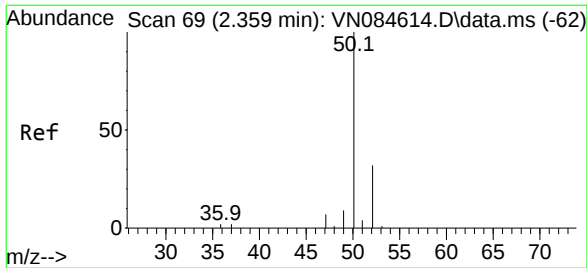
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#2
Dichlorodifluoromethane
Concen: 19.558 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

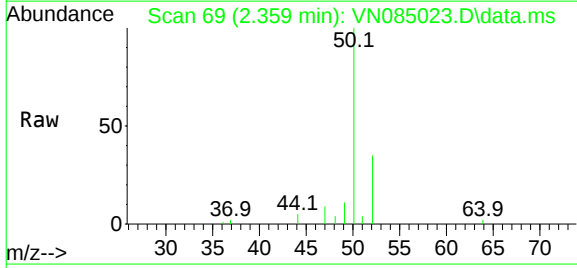
Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	14.9	44.9





#3
Chloromethane
Concen: 16.804 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

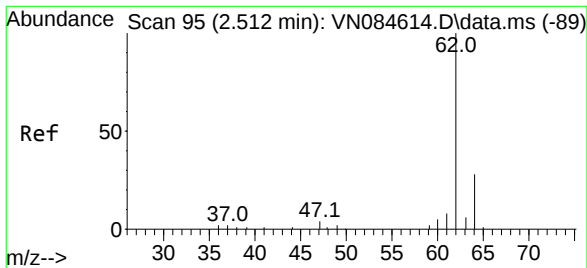
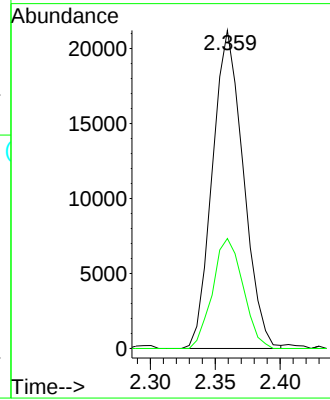
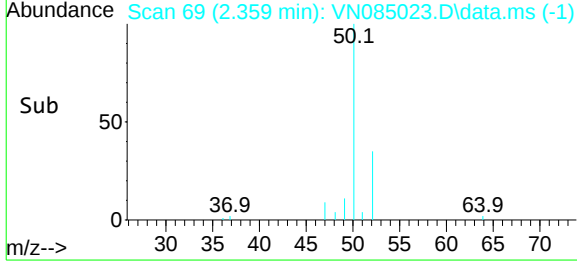
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion: 50 Resp: 35256
Ion Ratio Lower Upper
50 100
52 34.6 25.5 38.3

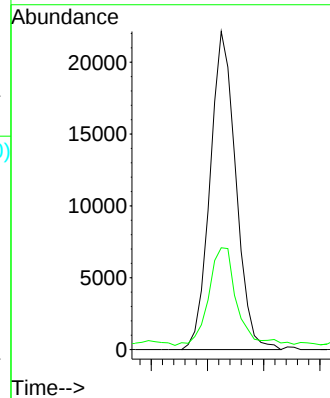
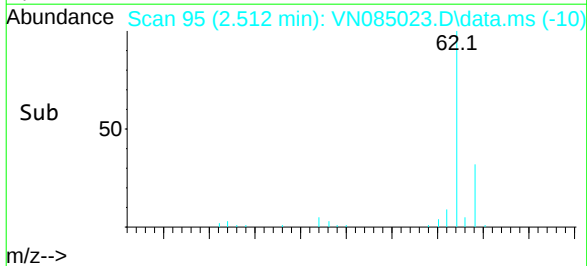
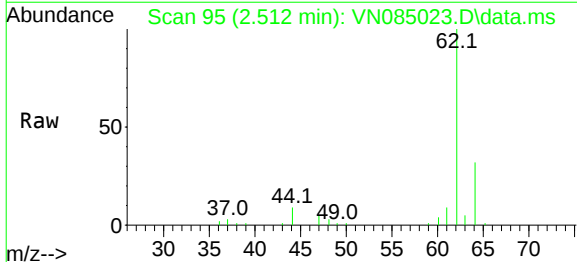
Manual Integrations
APPROVED

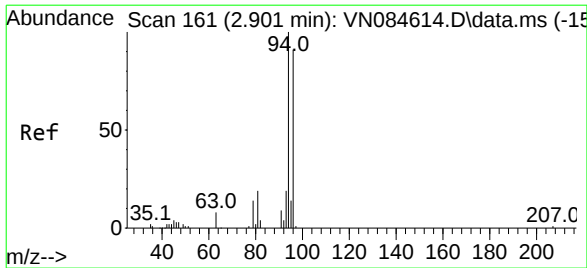
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#4
Vinyl Chloride
Concen: 18.117 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 62 Resp: 35295
Ion Ratio Lower Upper
62 100
64 29.9 23.1 34.7





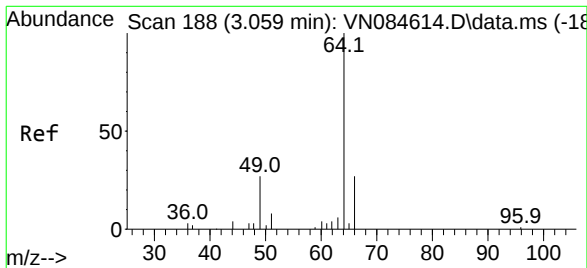
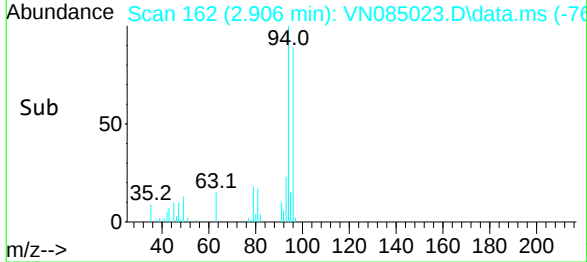
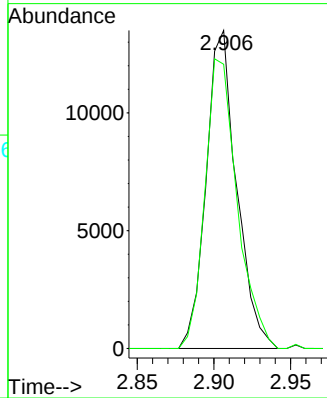
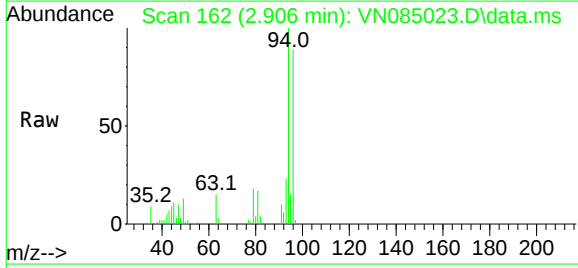
#5
Bromomethane
Concen: 18.849 ug/l
RT: 2.906 min Scan# 161
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 94 Resp: 18639
Ion Ratio Lower Upper
94 100
96 89.4 72.7 109.1

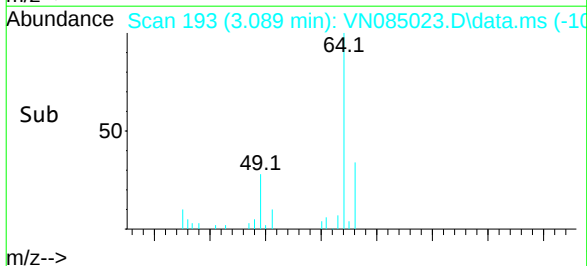
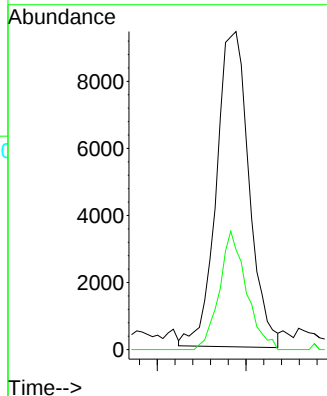
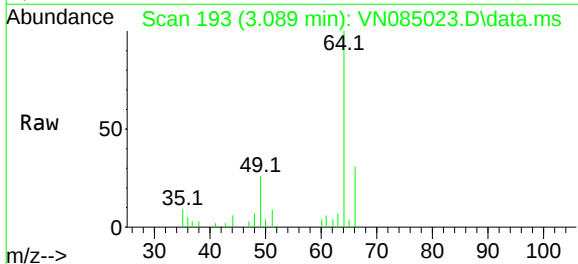
Manual Integrations
APPROVED

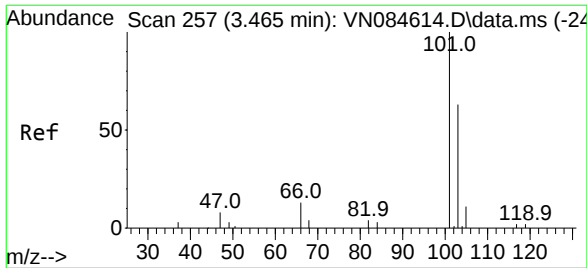
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#6
Chloroethane
Concen: 18.788 ug/l
RT: 3.089 min Scan# 193
Delta R.T. 0.029 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

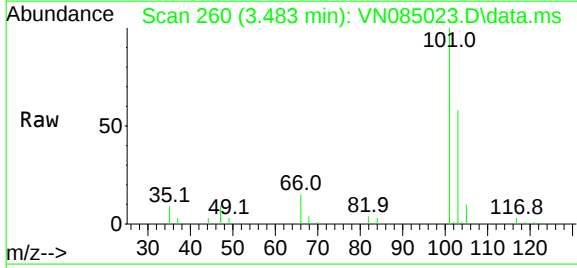
Tgt Ion: 64 Resp: 24033
Ion Ratio Lower Upper
64 100
66 32.3 22.1 33.1





#7
 Trichlorofluoromethane
 Concen: 19.432 ug/l
 RT: 3.483 min Scan# 26
 Delta R.T. 0.018 min
 Lab File: VN085023.D
 Acq: 25 Nov 2024 11:35

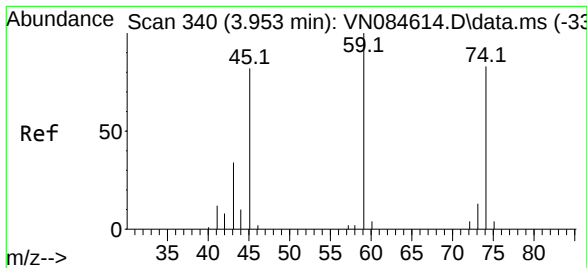
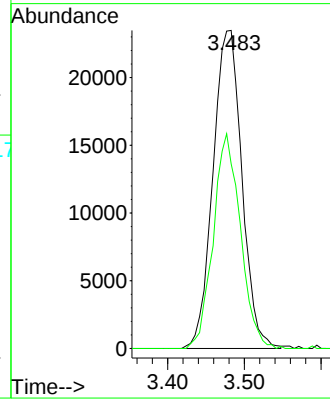
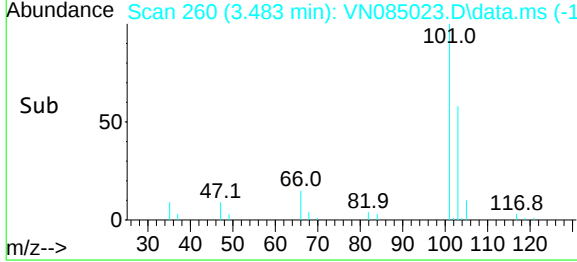
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01



Tgt Ion:101 Resp: 61482
 Ion Ratio Lower Upper
 101 100
 103 58.0 50.1 75.1

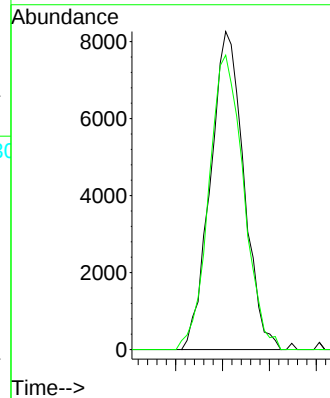
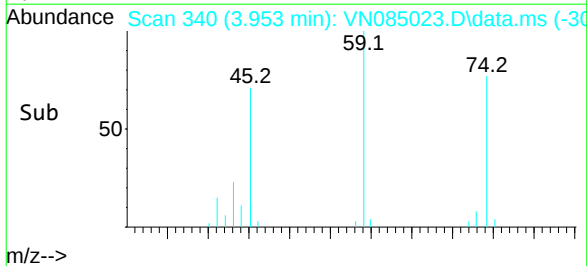
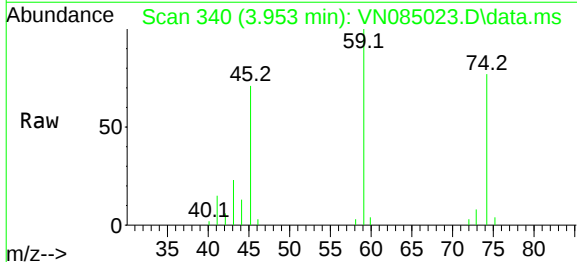
Manual Integrations
 APPROVED

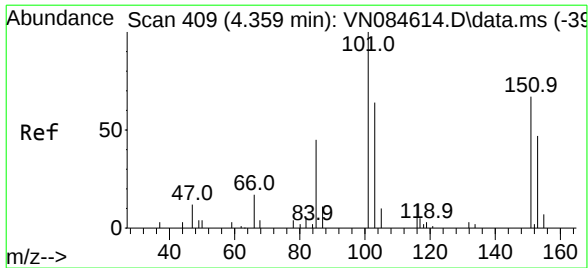
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024



#8
 Diethyl Ether
 Concen: 18.131 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.000 min
 Lab File: VN085023.D
 Acq: 25 Nov 2024 11:35

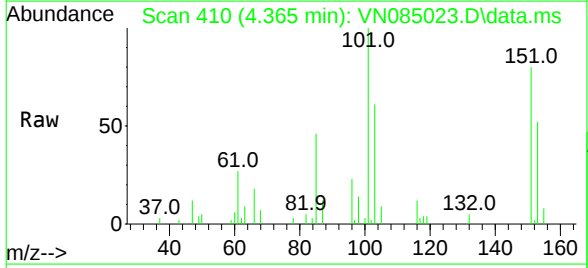
Tgt Ion: 74 Resp: 20462
 Ion Ratio Lower Upper
 74 100
 45 96.1 19.8 178.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.078 ug/l
RT: 4.365 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

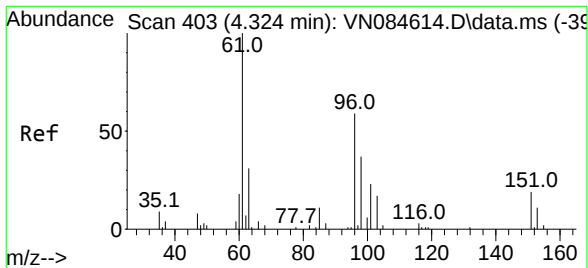
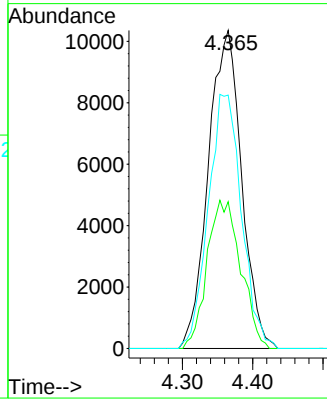
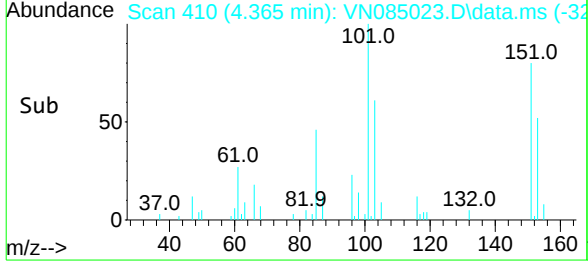
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



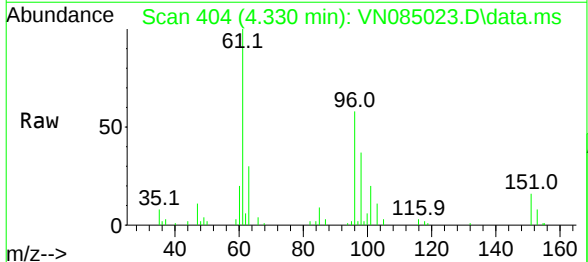
Tgt Ion: 101 Resp: 34113
Ion Ratio Lower Upper
101 100
85 47.2 0.0 89.6
151 79.8 0.0 149.4

Manual Integrations
APPROVED

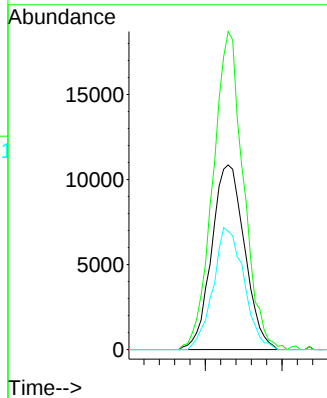
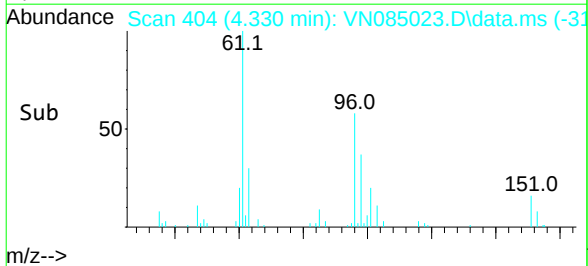
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

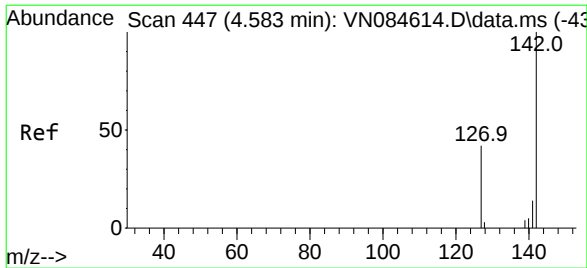


#10
1,1-Dichloroethene
Concen: 18.538 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



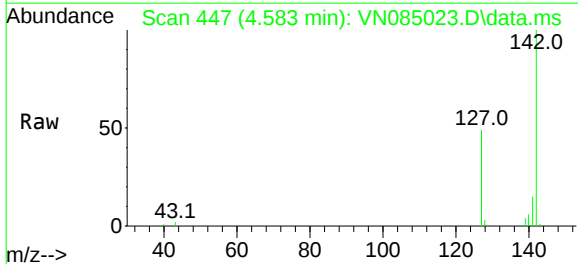
Tgt Ion: 96 Resp: 32368
Ion Ratio Lower Upper
96 100
61 172.3 135.1 202.7
98 64.1 50.4 75.6





#11
Methyl Iodide
Concen: 19.051 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

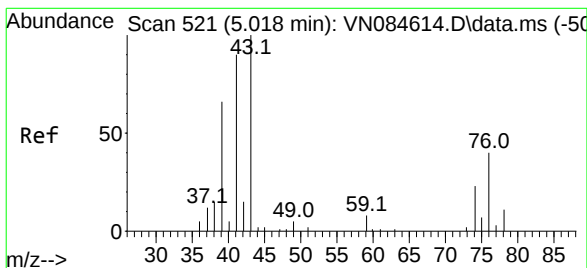
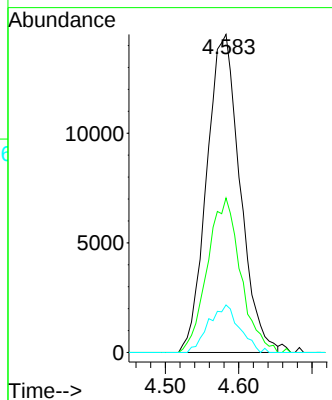
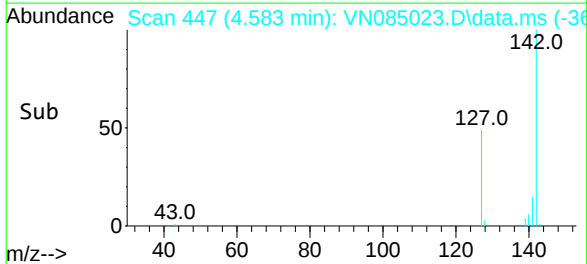
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion: 142 Resp: 45720
Ion Ratio Lower Upper
142 100
127 49.0 20.3 60.9
141 15.1 6.9 20.7

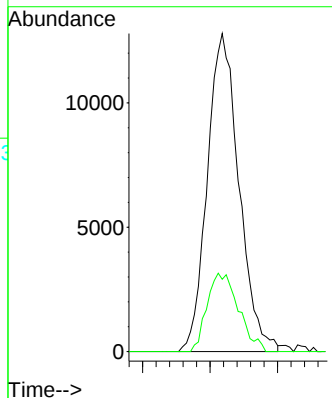
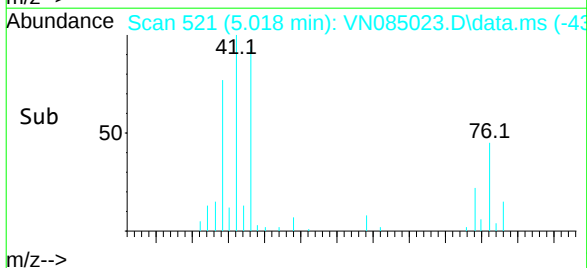
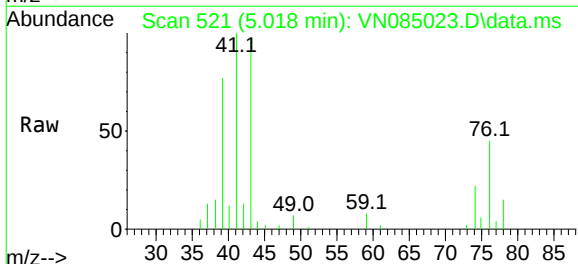
Manual Integrations
APPROVED

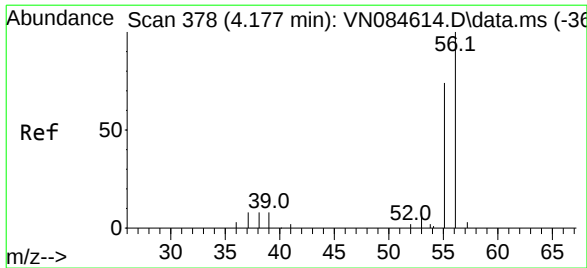
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#12
Methyl Acetate
Concen: 15.327 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 43 Resp: 41714
Ion Ratio Lower Upper
43 100
74 22.9 19.0 28.4





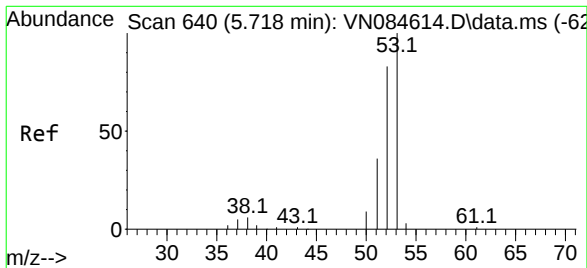
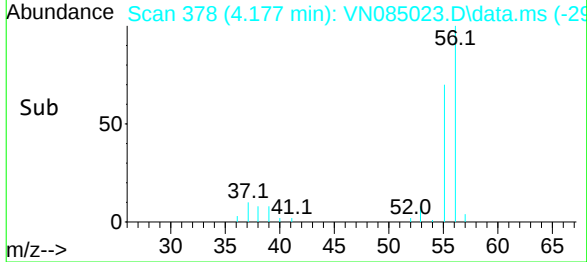
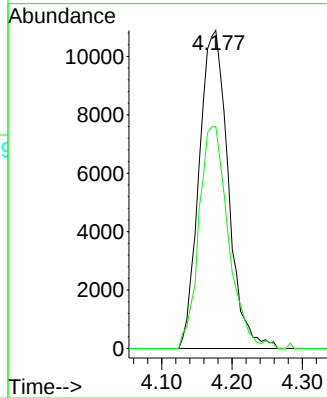
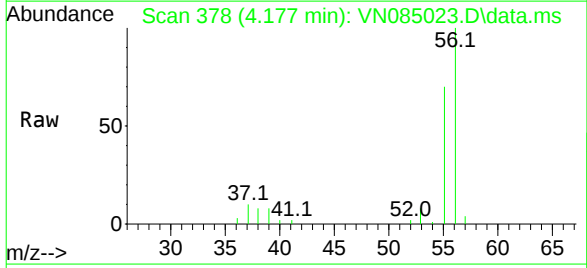
#13
Acrolein
Concen: 93.406 ug/l
RT: 4.177 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 56 Resp: 31350
Ion Ratio Lower Upper
56 100
55 70.1 56.7 85.1

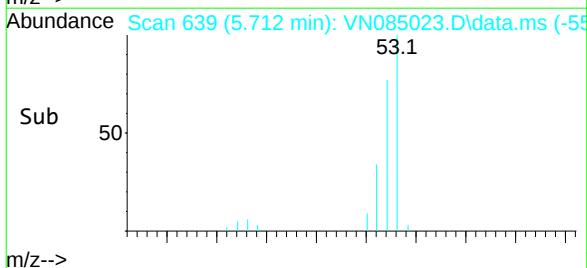
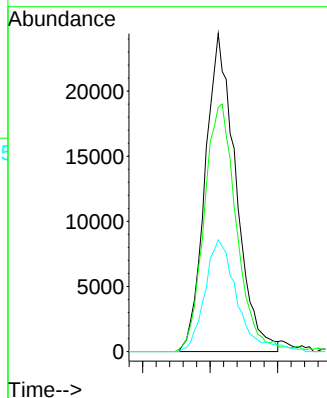
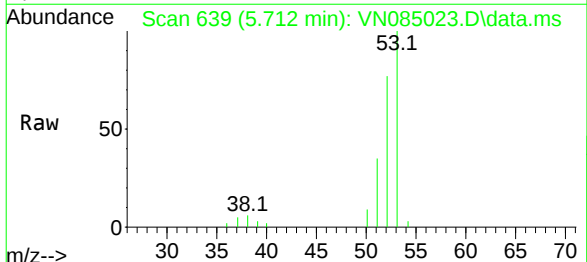
Manual Integrations
APPROVED

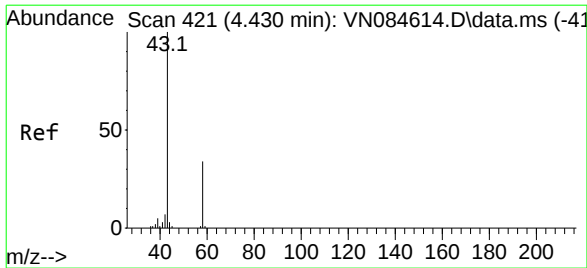
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#14
Acrylonitrile
Concen: 86.499 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 53 Resp: 77017
Ion Ratio Lower Upper
53 100
52 80.9 41.6 124.9
51 35.1 18.2 54.6





#15

Acetone

Concen: 93.449 ug/l

RT: 4.424 min Scan# 421

Delta R.T. -0.006 min

Lab File: VN085023.D

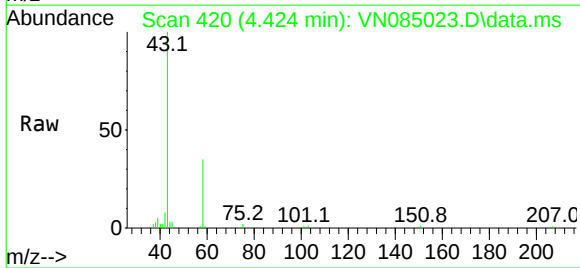
Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01



Tgt Ion: 58 Resp: 21379

Ion Ratio Lower Upper

58 100

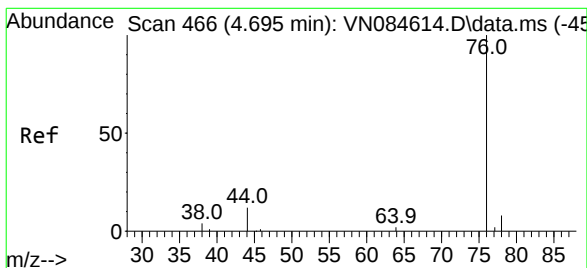
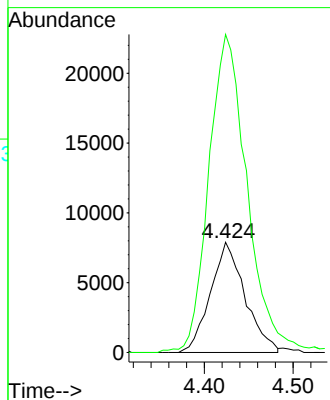
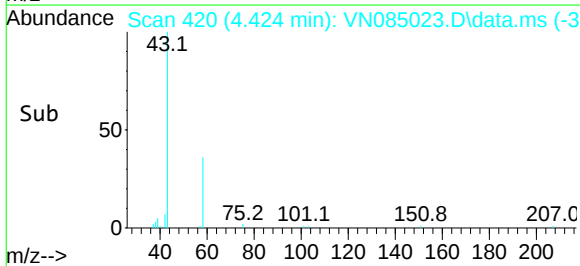
43 285.6 233.0 349.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#16

Carbon Disulfide

Concen: 17.283 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN085023.D

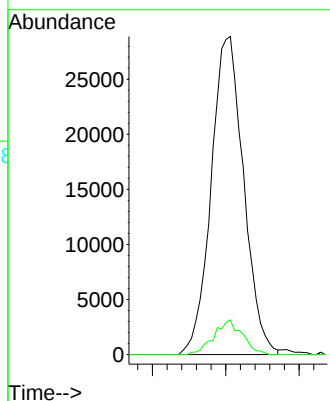
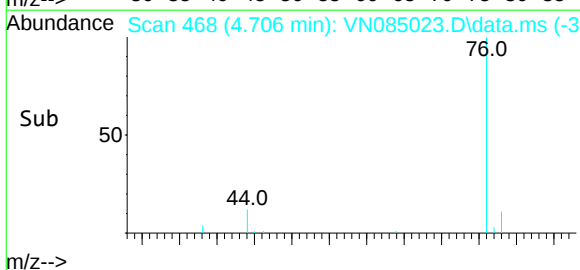
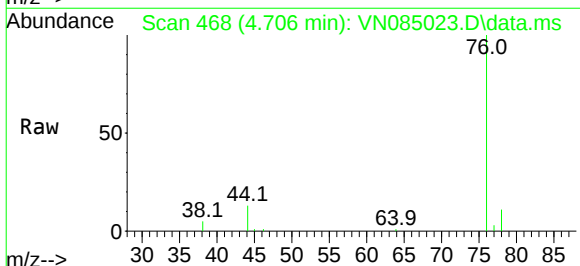
Acq: 25 Nov 2024 11:35

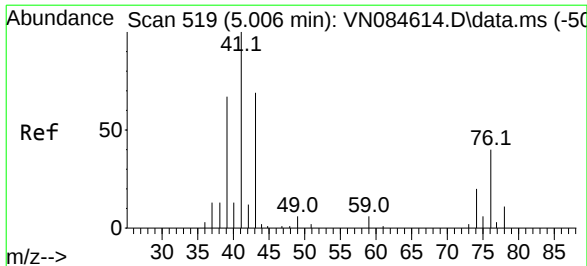
Tgt Ion: 76 Resp: 88793

Ion Ratio Lower Upper

76 100

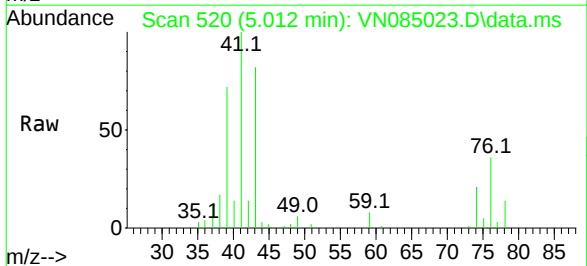
78 10.9 6.6 9.8#





#17
Allyl chloride
Concen: 17.071 ug/l
RT: 5.012 min Scan# 52
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

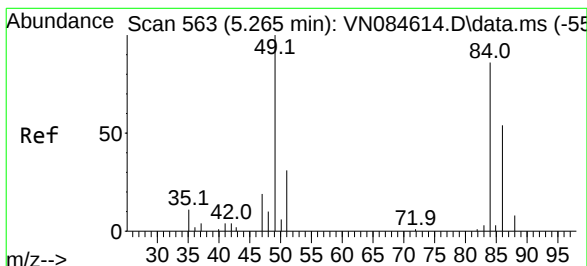
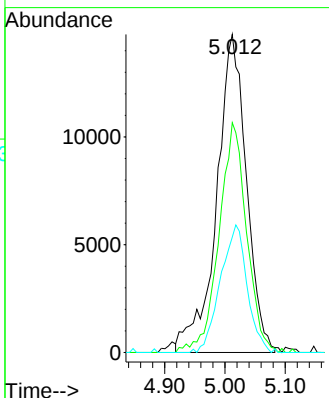
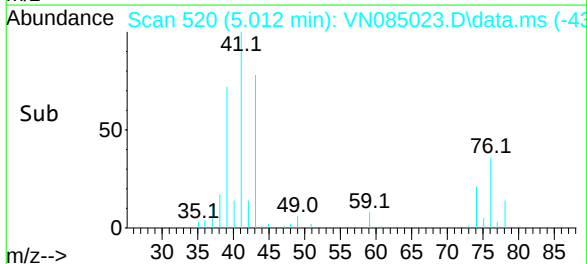
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



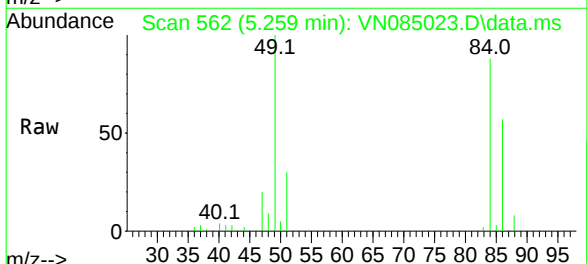
Tgt Ion: 41 Resp: 50796
Ion Ratio Lower Upper
41 100
39 73.4 33.4 100.2
76 36.8 20.2 60.6

Manual Integrations
APPROVED

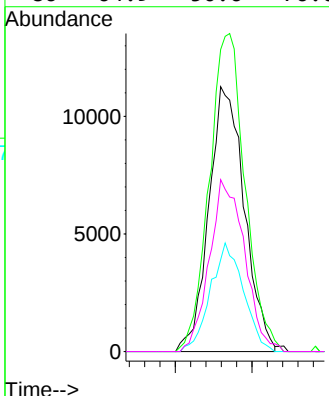
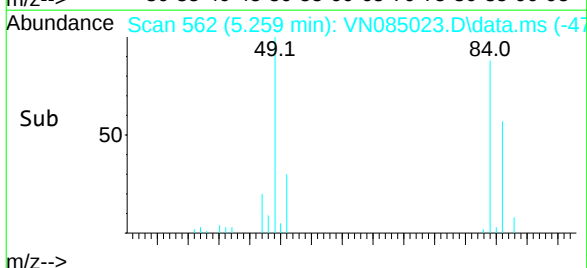
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

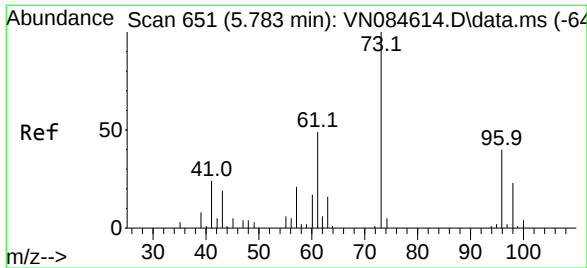


#18
Methylene Chloride
Concen: 17.640 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



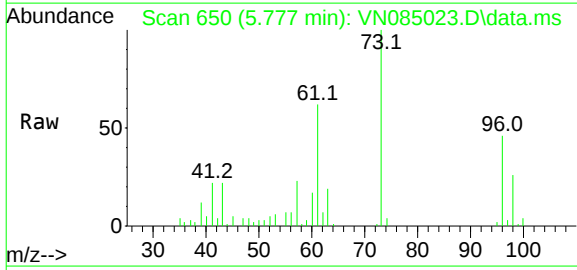
Tgt Ion: 84 Resp: 36094
Ion Ratio Lower Upper
84 100
49 114.1 93.0 139.6
51 34.7 28.9 43.3
86 64.9 50.6 76.0





#19
trans-1,2-Dichloroethene
Concen: 17.951 ug/l
RT: 5.777 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

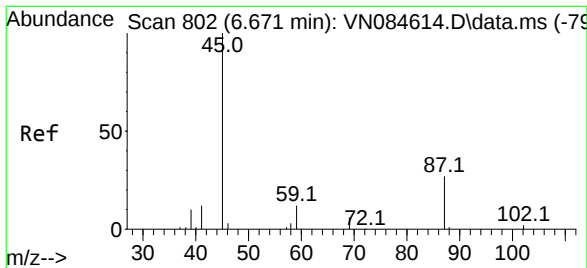
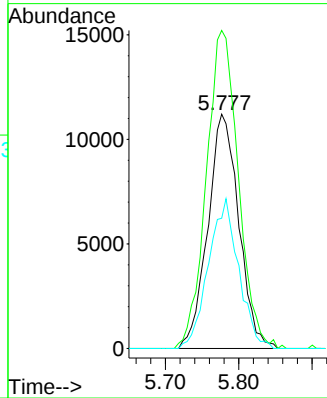
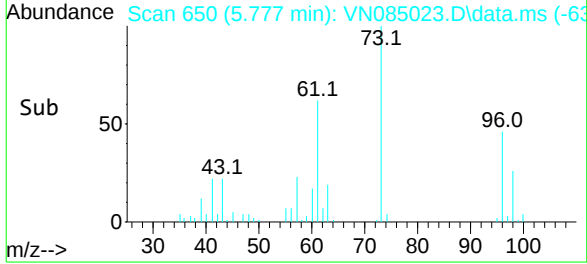
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



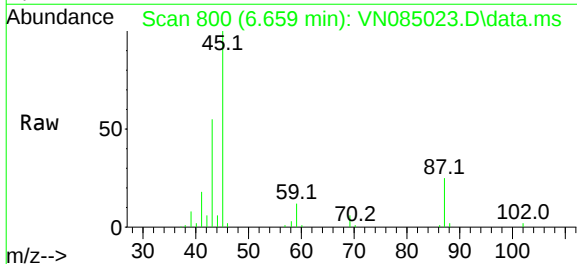
Tgt Ion: 96 Resp: 32853
Ion Ratio Lower Upper
96 100
61 135.7 98.1 147.1
98 55.6 46.6 69.8

Manual Integrations
APPROVED

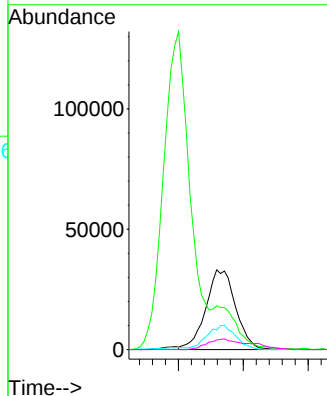
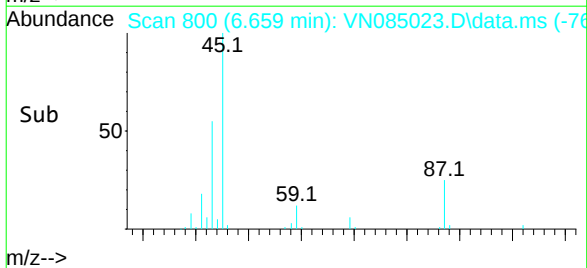
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

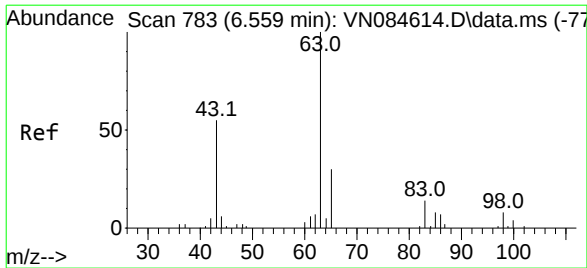


#20
Diisopropyl ether
Concen: 17.723 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.012 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



Tgt Ion: 45 Resp: 105558
Ion Ratio Lower Upper
45 100
43 52.9 42.6 64.0
87 24.8 23.0 34.4
59 12.0 9.4 14.0





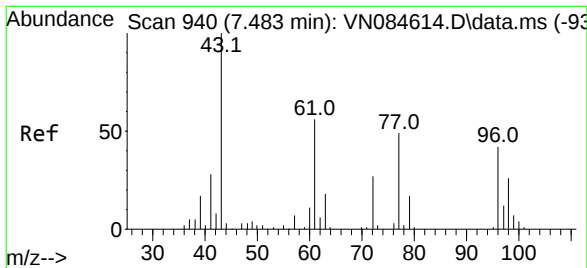
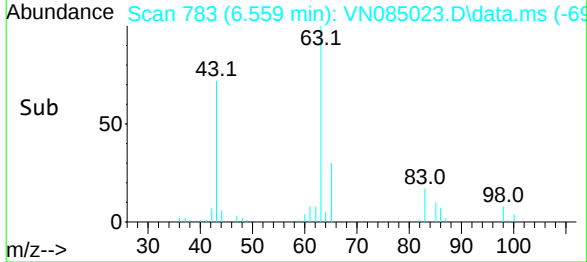
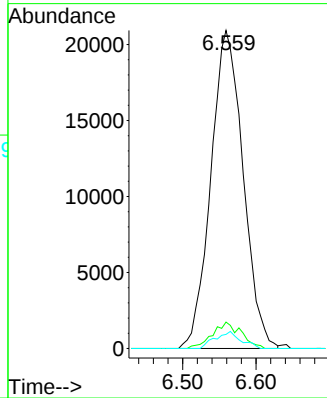
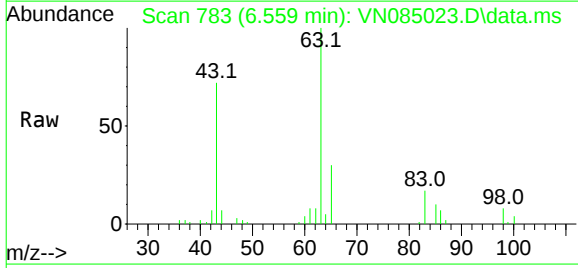
#21
1,1-Dichloroethane
Concen: 17.833 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:	63	Resp:	63877
Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.8	11.4
100	4.4	1.9	5.7

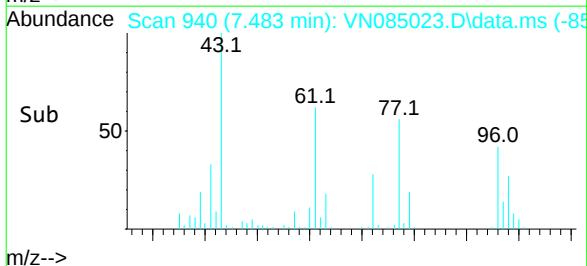
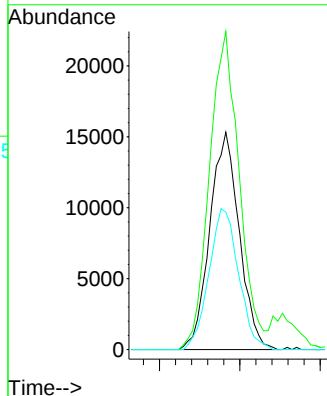
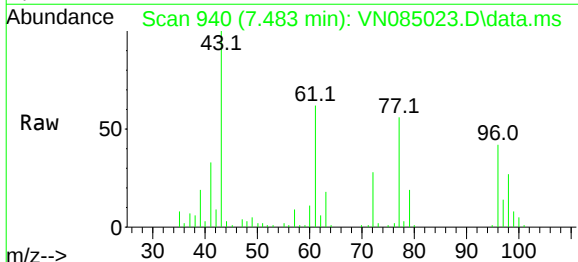
Manual Integrations
APPROVED

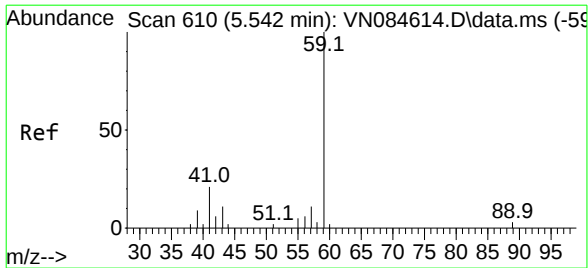
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#22
cis-1,2-Dichloroethene
Concen: 17.879 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion:	96	Resp:	39067
Ion	Ratio	Lower	Upper
96	100		
61	147.5	121.8	182.8
98	65.2	53.2	79.8





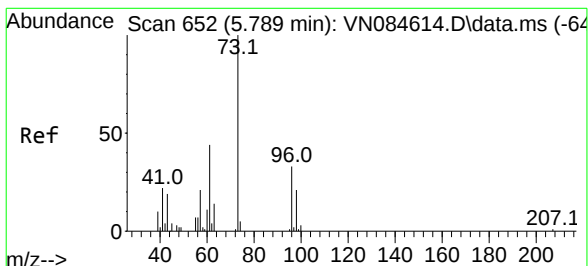
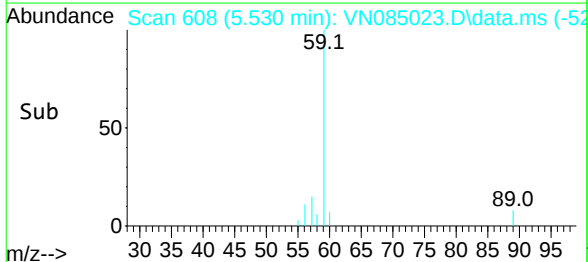
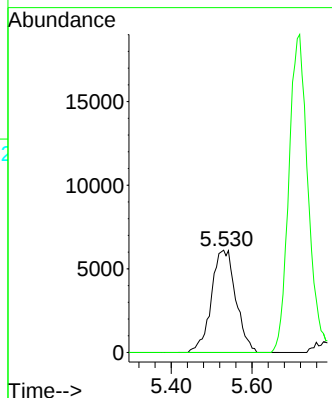
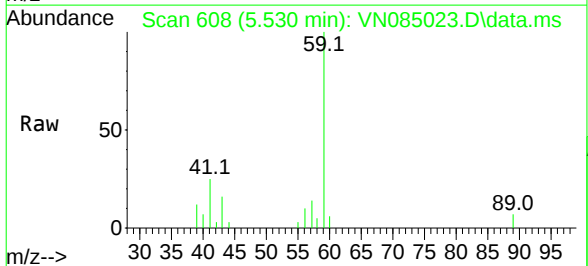
#23
tert-Butyl Alcohol
Concen: 82.839 ug/l m
RT: 5.530 min Scan# 608
Delta R.T. -0.012 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 59 Resp: 25750
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

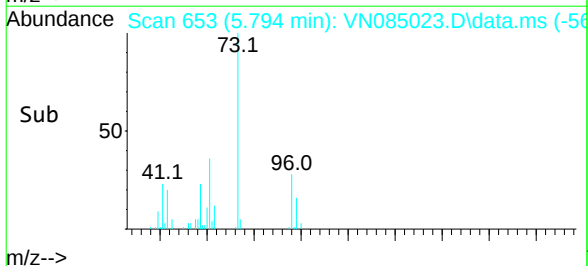
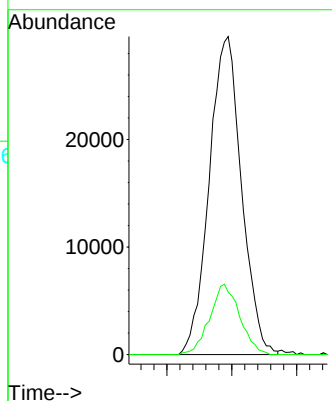
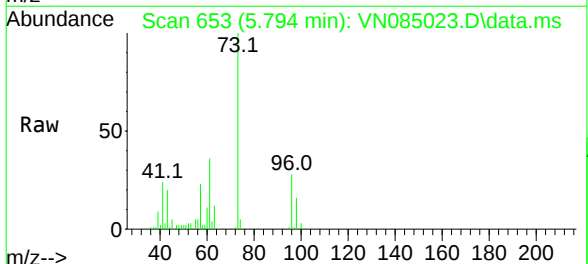
Manual Integrations
APPROVED

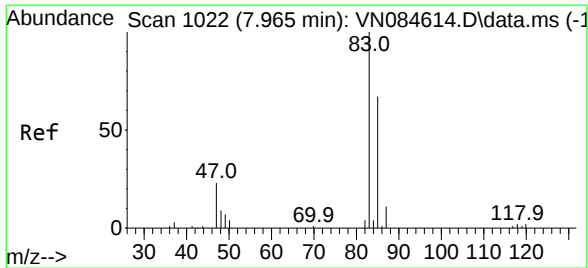
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#24
Methyl tert-Butyl Ether
Concen: 18.116 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 73 Resp: 102293
Ion Ratio Lower Upper
73 100
43 20.5 16.5 24.7





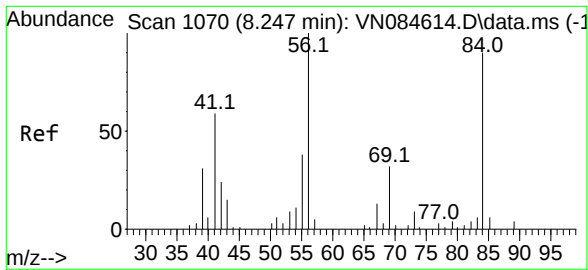
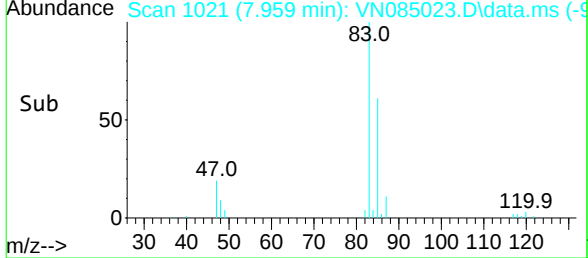
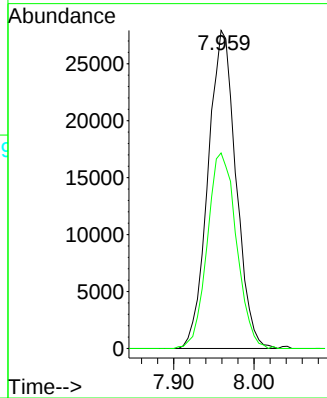
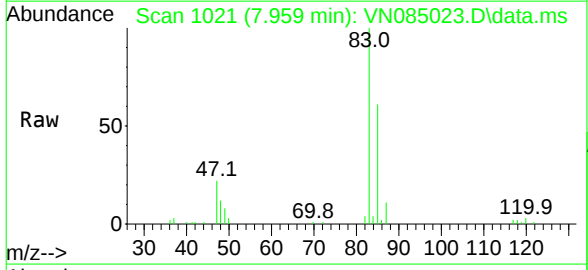
#25
Chloroform
Concen: 18.434 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument : MSVOA_N
ClientSampleId : VN1125WBS01

Tgt Ion:	83	Resp:	67648
Ion	Ratio	Lower	Upper
83	100		
85	61.5	53.4	80.2

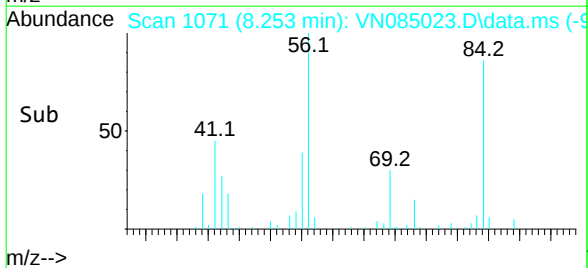
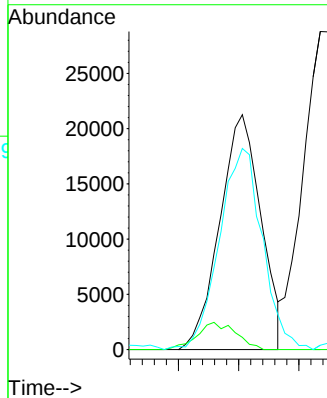
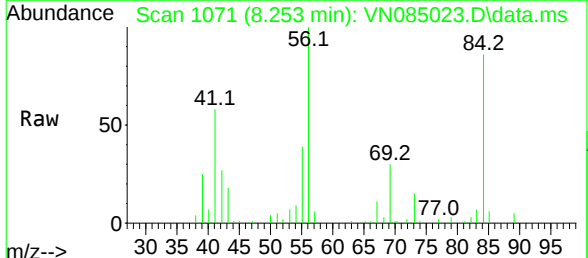
Manual Integrations
APPROVED

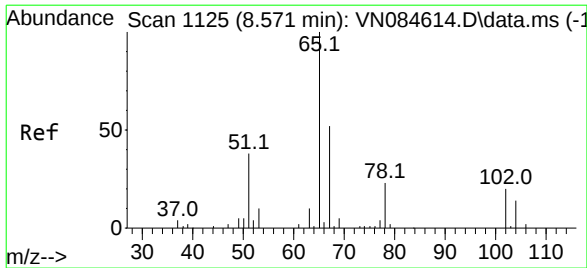
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#26
Cyclohexane
Concen: 18.460 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

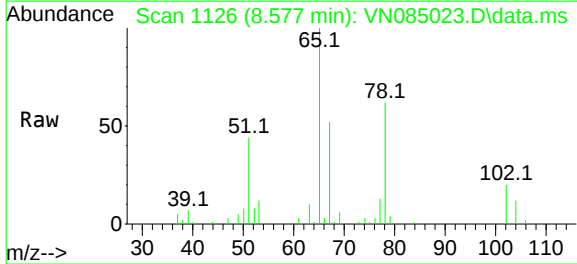
Tgt Ion:	56	Resp:	50507
Ion	Ratio	Lower	Upper
56	100		
89	11.0	3.0	4.4
84	88.8	70.6	106.0





#27
1,2-Dichloroethane-d4
Concen: 29.643 ug/l
RT: 8.577 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

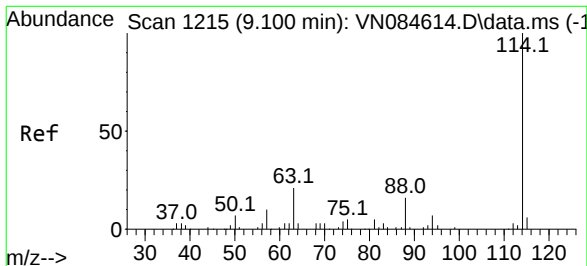
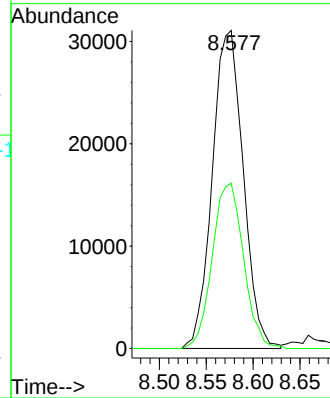
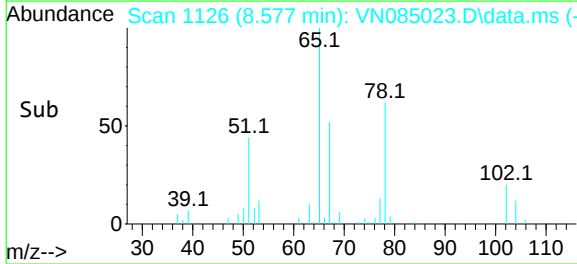
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



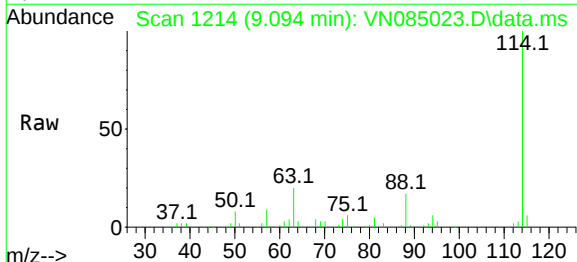
Tgt Ion: 65 Resp: 71402
Ion Ratio Lower Upper
65 100
67 52.4 40.7 61.1

Manual Integrations
APPROVED

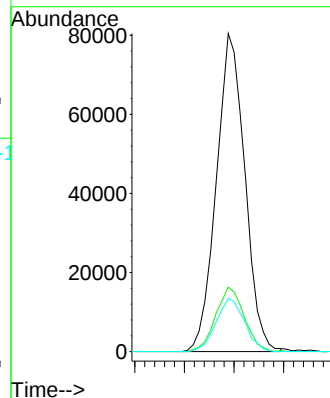
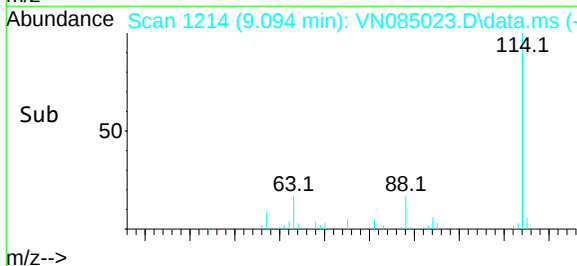
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

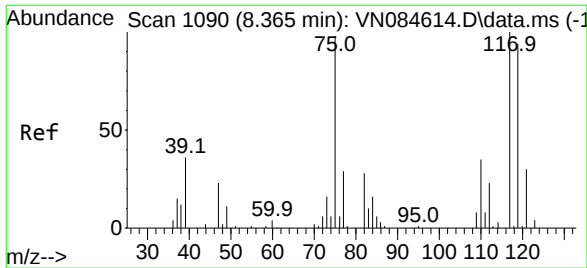


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



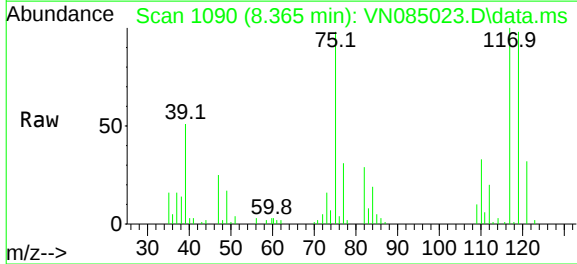
Tgt Ion:114 Resp: 160469
Ion Ratio Lower Upper
114 100
63 20.2 16.8 25.2
88 16.7 12.9 19.3





#29
1,1-Dichloropropene
Concen: 18.203 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

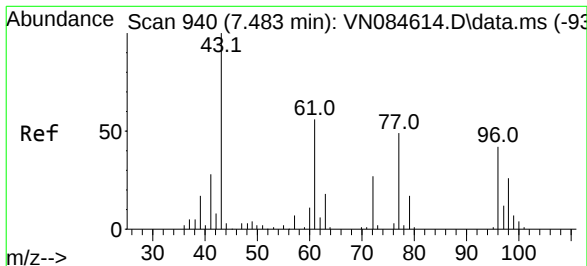
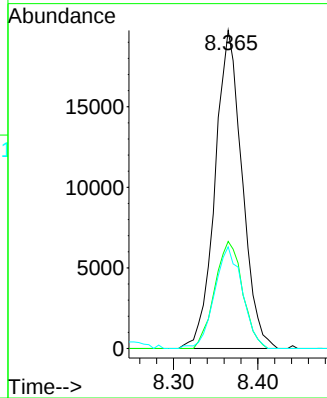
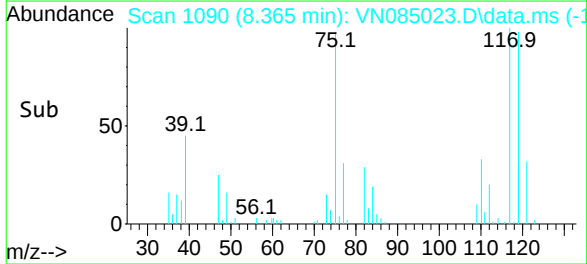
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion: 75 Resp: 43997
Ion Ratio Lower Upper
75 100
110 34.5 0.0 69.4
77 32.5 0.0 62.0

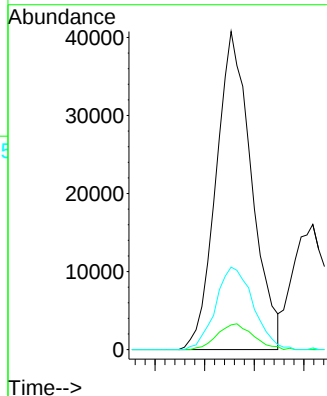
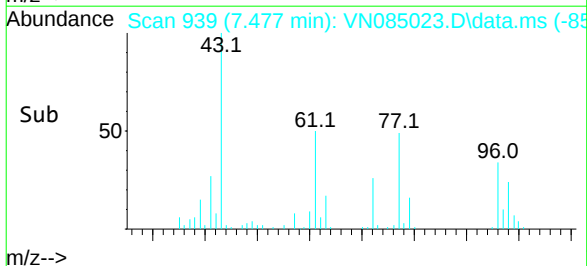
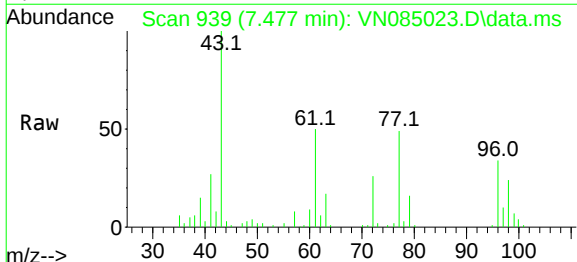
Manual Integrations
APPROVED

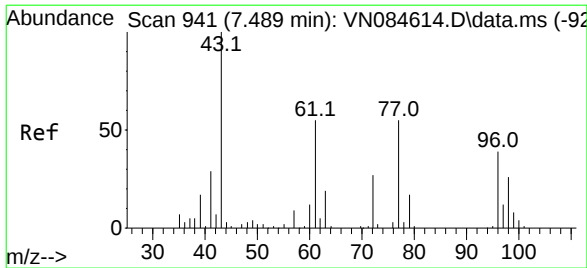
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#30
2-Butanone
Concen: 91.087 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 43 Resp: 101555
Ion Ratio Lower Upper
43 100
57 8.2 6.2 9.4
72 27.3 21.5 32.3





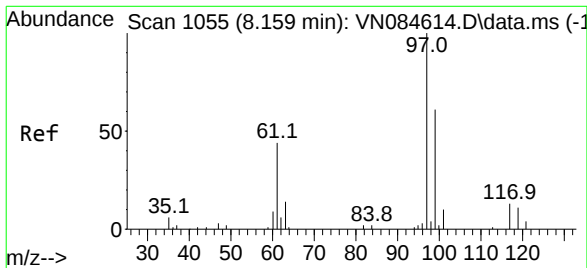
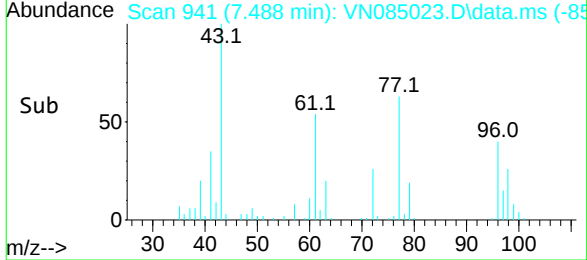
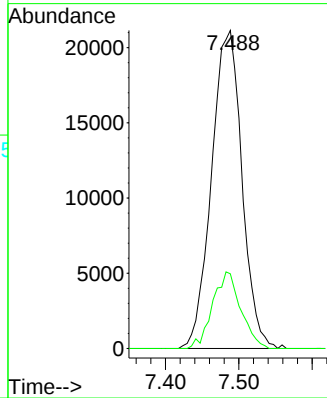
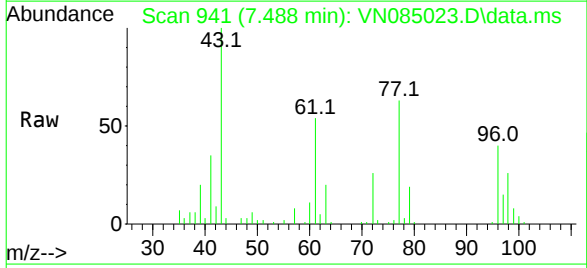
#31
2,2-Dichloropropane
Concen: 20.646 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 77 Resp: 60913
Ion Ratio Lower Upper
77 100
97 22.3 17.4 26.2

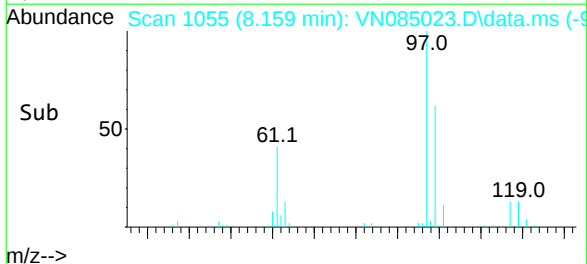
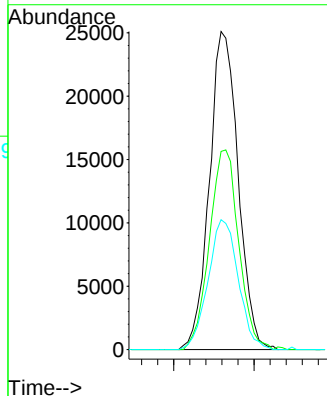
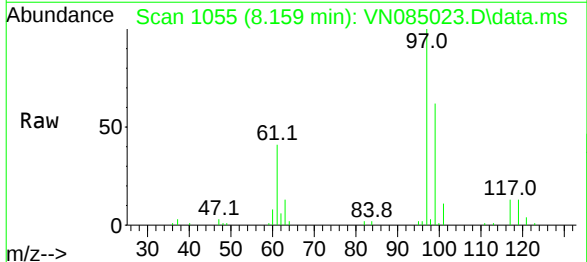
Manual Integrations
APPROVED

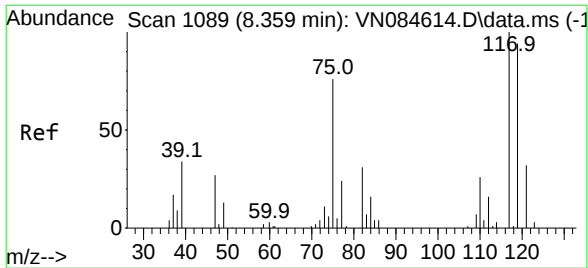
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#32
1,1,1-Trichloroethane
Concen: 19.003 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

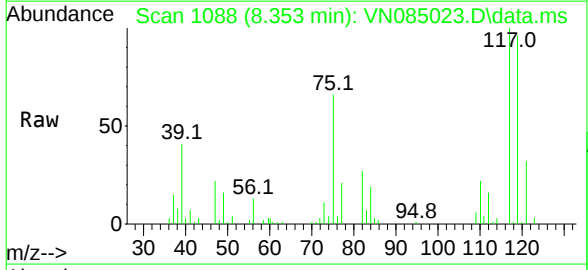
Tgt Ion: 97 Resp: 62400
Ion Ratio Lower Upper
97 100
99 64.1 51.6 77.4
61 42.9 34.2 51.4





#33
Carbon Tetrachloride
Concen: 19.382 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

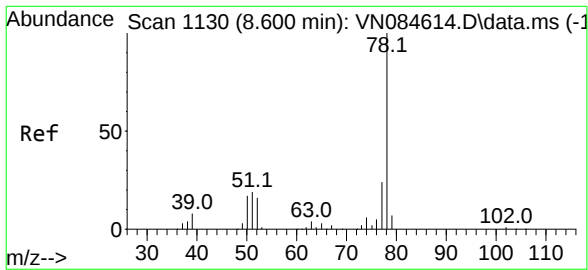
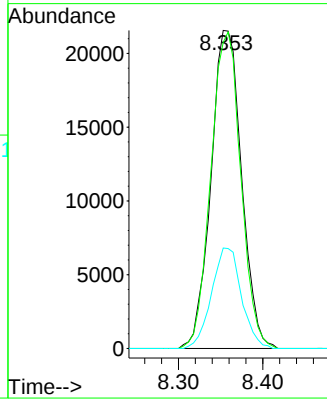
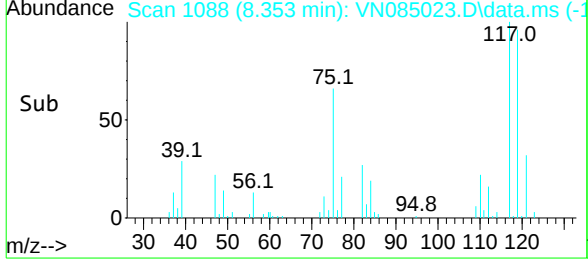
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion:117 Resp: 54308
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5
121 31.6 25.4 38.0

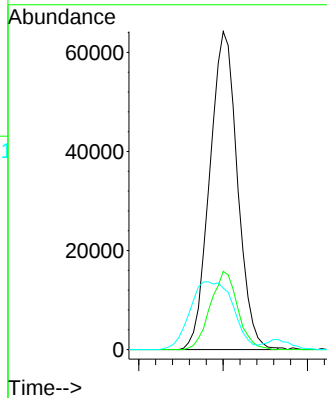
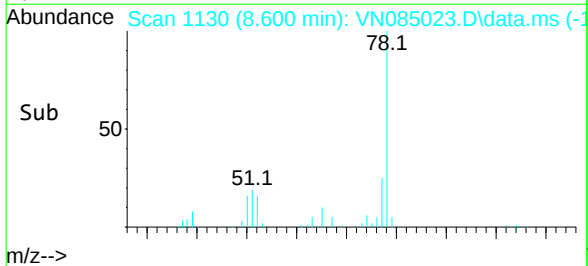
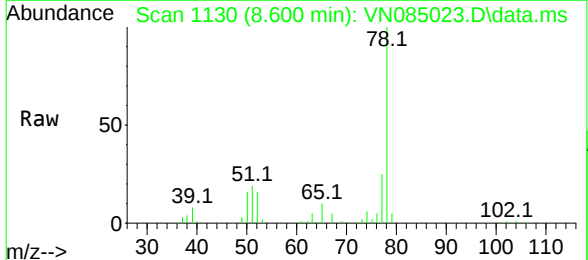
Manual Integrations
APPROVED

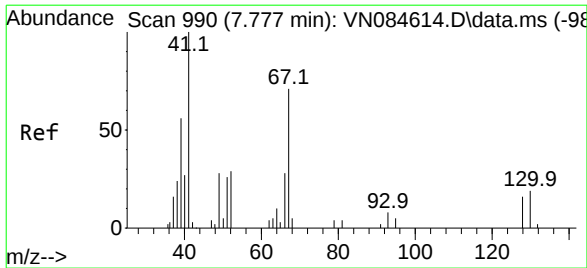
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#34
Benzene
Concen: 18.360 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 78 Resp: 146678
Ion Ratio Lower Upper
78 100
77 24.6 19.3 28.9
51 16.1 16.1 24.1





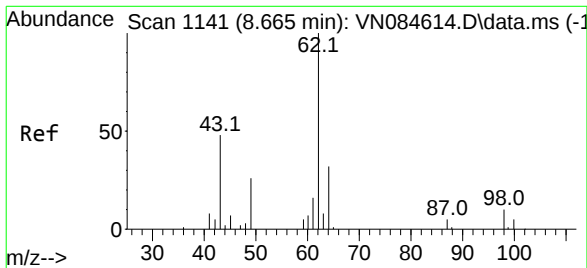
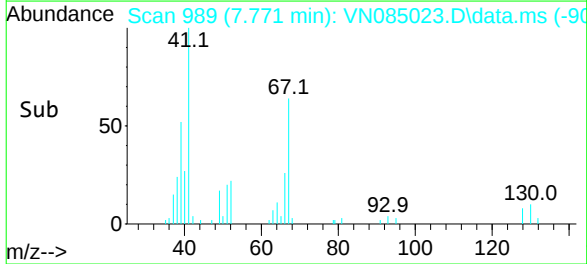
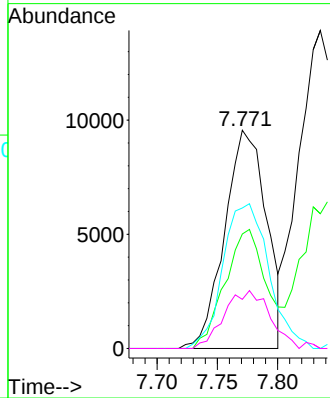
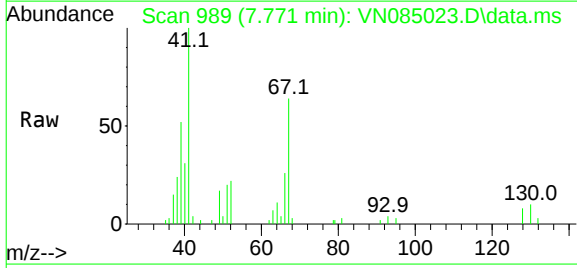
#35
Methacrylonitrile
Concen: 17.422 ug/l
RT: 7.771 min Scan# 989
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:	41	Resp:	23022
Ion	Ratio	Lower	Upper
41	100		
39	52.5	28.2	84.6
67	64.4	35.6	106.8
52	22.5	14.4	43.4

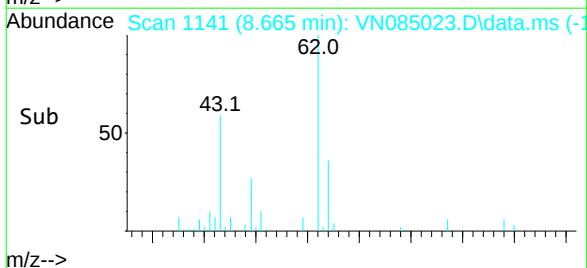
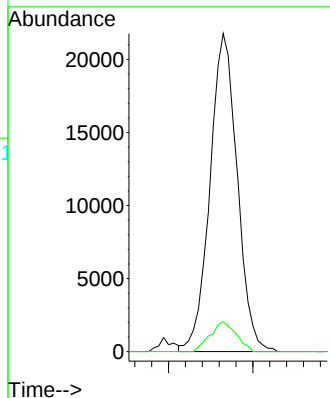
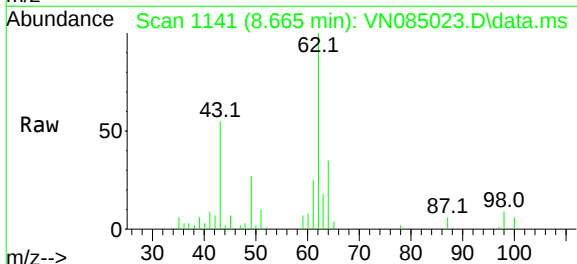
Manual Integrations
APPROVED

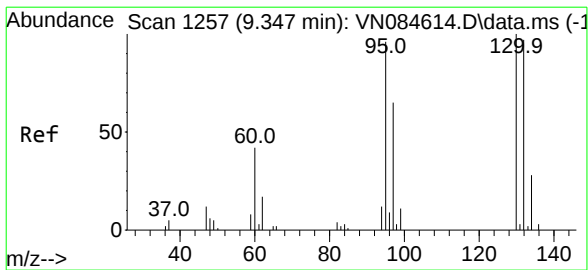
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#36
1,2-Dichloroethane
Concen: 18.418 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

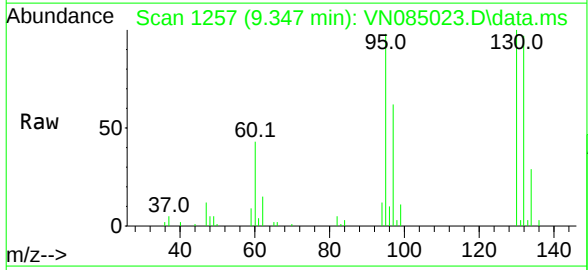
Tgt Ion:	62	Resp:	48933
Ion	Ratio	Lower	Upper
62	100		
98	8.9	7.8	11.6





#37
Trichloroethene
Concen: 18.843 ug/l
RT: 9.347 min Scan# 1299
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

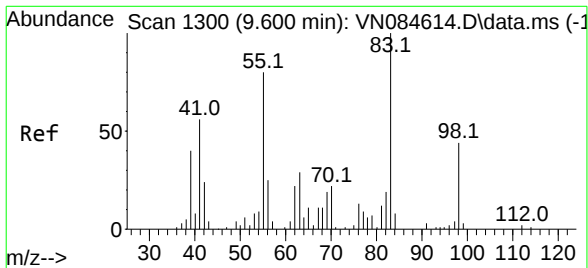
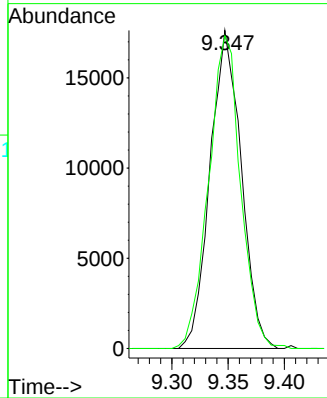
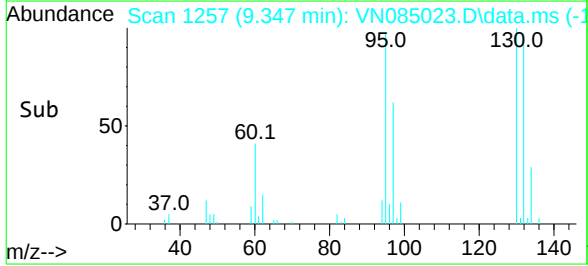
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



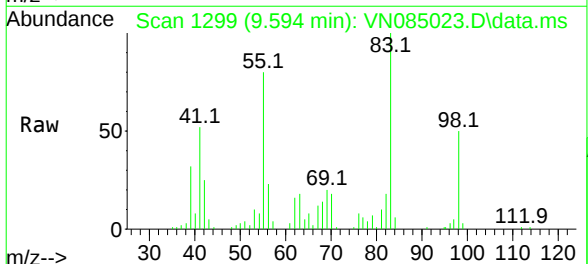
Tgt Ion:130 Resp: 33960
Ion Ratio Lower Upper
130 100
95 97.4 76.6 115.0

Manual Integrations
APPROVED

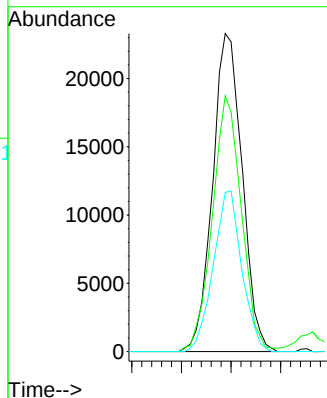
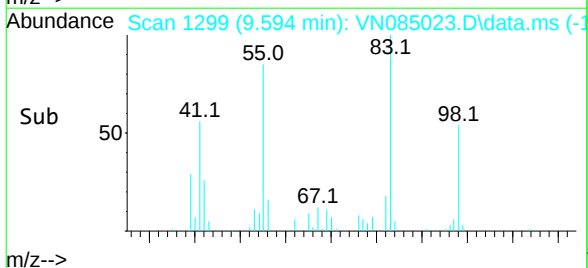
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

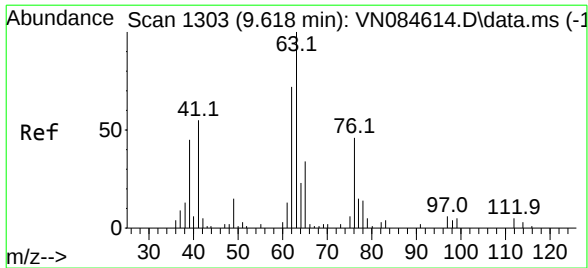


#38
Methylcyclohexane
Concen: 18.531 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



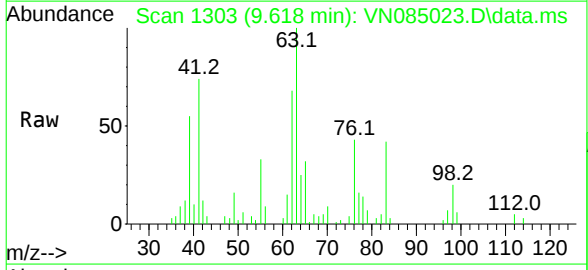
Tgt Ion: 83 Resp: 48217
Ion Ratio Lower Upper
83 100
55 78.9 39.6 118.8
98 48.6 23.2 69.5





#39
 1,2-Dichloropropane
 Concen: 18.707 ug/l
 RT: 9.618 min Scan# 1303
 Delta R.T. -0.000 min
 Lab File: VN085023.D
 Acq: 25 Nov 2024 11:35

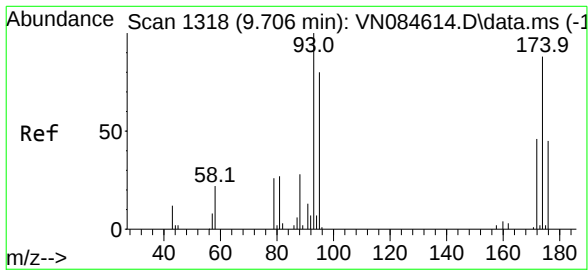
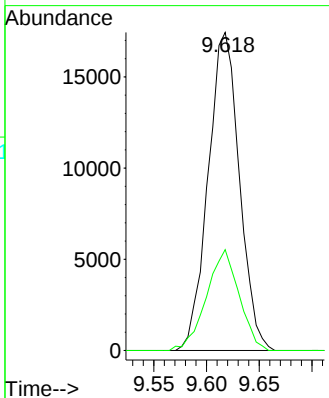
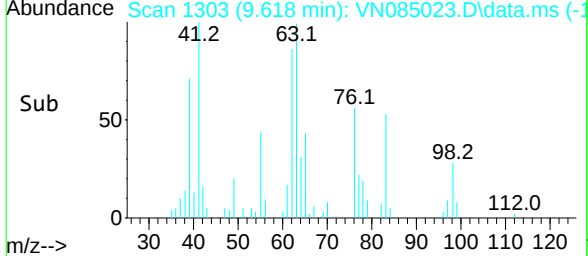
Instrument : MSVOA_N
 ClientSampleId : VN1125WBS01



Tgt Ion: 63 Resp: 35976
 Ion Ratio Lower Upper
 63 100
 65 31.7 27.8 41.8

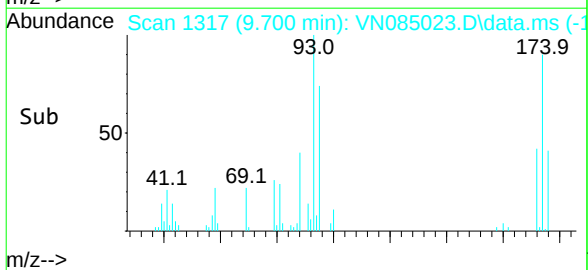
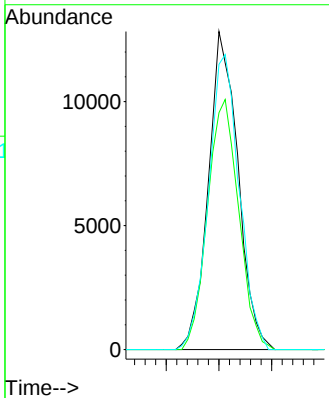
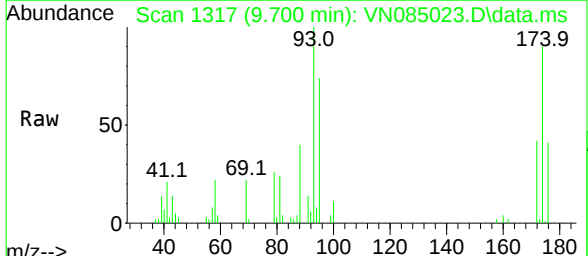
Manual Integrations
APPROVED

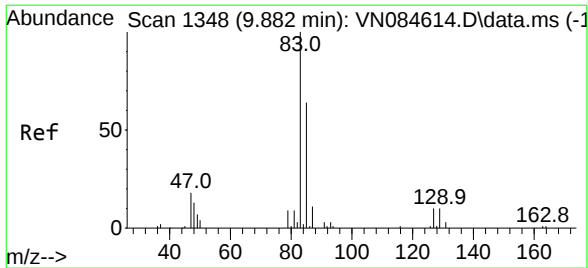
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024



#40
 Dibromomethane
 Concen: 18.618 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. -0.006 min
 Lab File: VN085023.D
 Acq: 25 Nov 2024 11:35

Tgt Ion: 93 Resp: 25048
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 168.4
 174 96.3 0.0 183.4





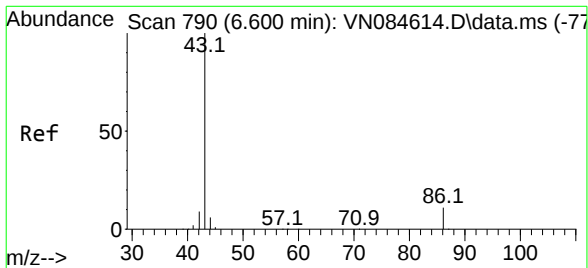
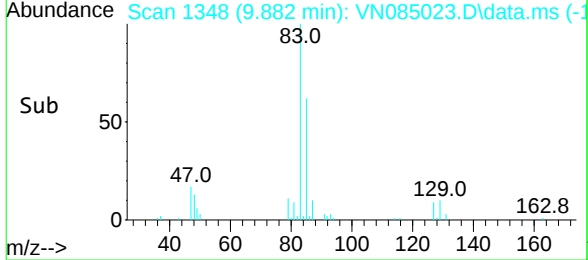
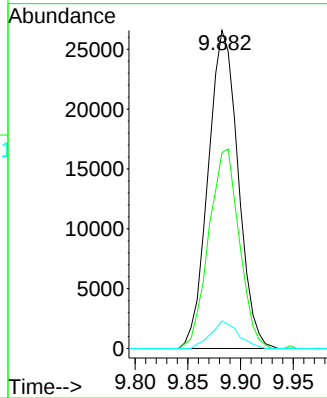
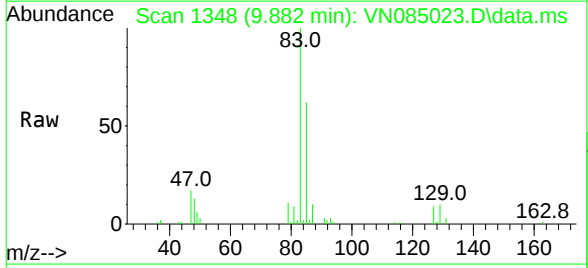
#41
Bromodichloromethane
Concen: 18.229 ug/l
RT: 9.882 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:	83	Resp:	52574
Ion	Ratio	Lower	Upper
83	100		
85	61.6	51.0	76.6
127	8.6	7.8	11.6

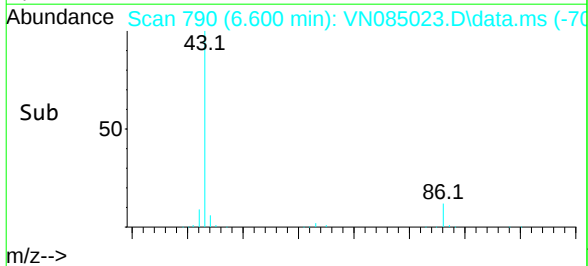
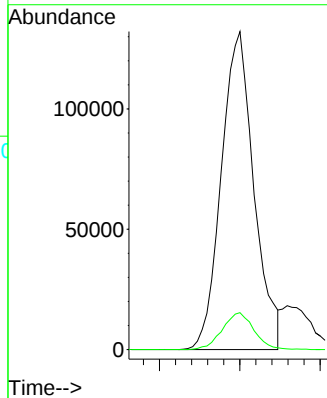
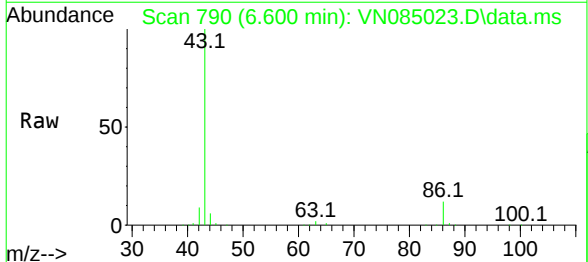
Manual Integrations
APPROVED

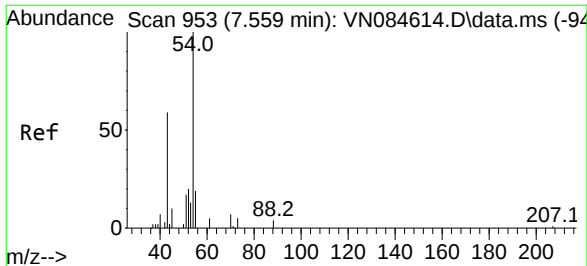
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#42
Vinyl Acetate
Concen: 89.496 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion:	43	Resp:	372968
Ion	Ratio	Lower	Upper
43	100		
86	11.2	8.6	13.0





#43

Ethyl Acetate

Concen: 17.148 ug/l

RT: 7.559 min Scan# 953

Delta R.T. -0.000 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tgt Ion: 43 Resp: 40174

Ion Ratio Lower Upper

43 100

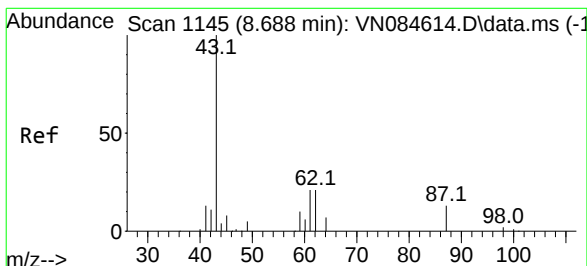
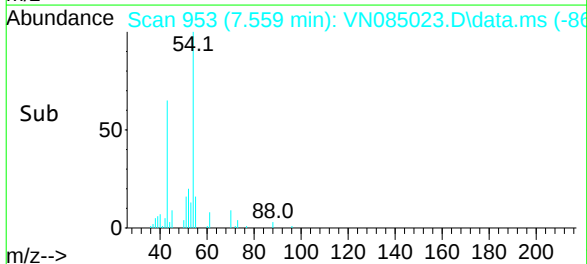
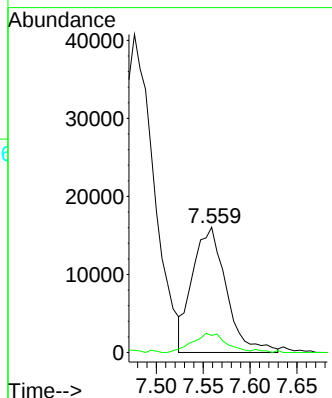
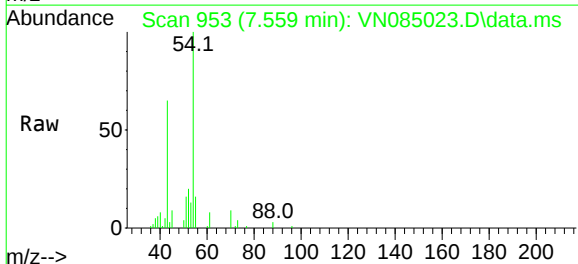
45 15.1 11.0 16.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#44

Isopropyl Acetate

Concen: 14.046 ug/l

RT: 8.682 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN085023.D

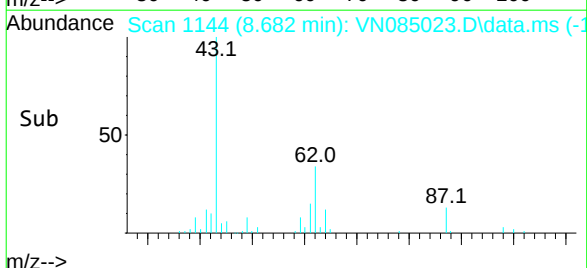
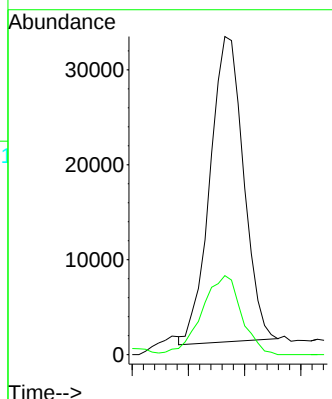
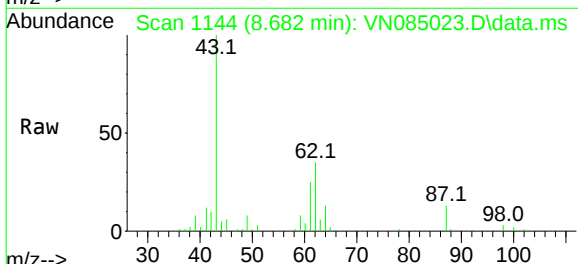
Acq: 25 Nov 2024 11:35

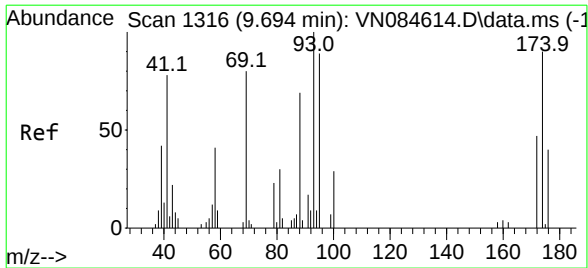
Tgt Ion: 43 Resp: 66633

Ion Ratio Lower Upper

43 100

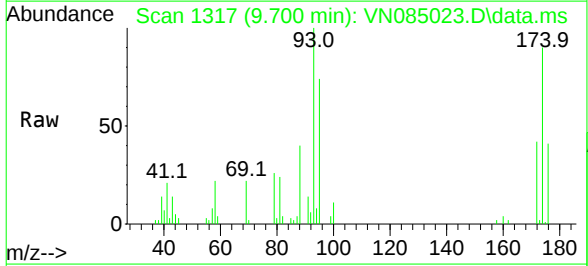
61 30.4 19.8 29.8#





#45
1,4-Dioxane
Concen: 343.001 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

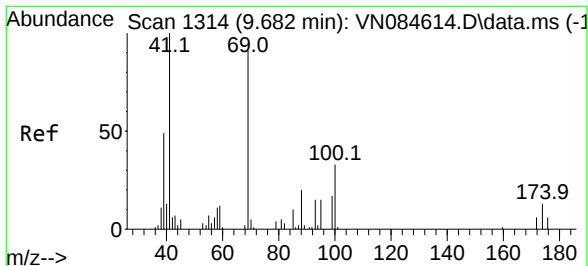
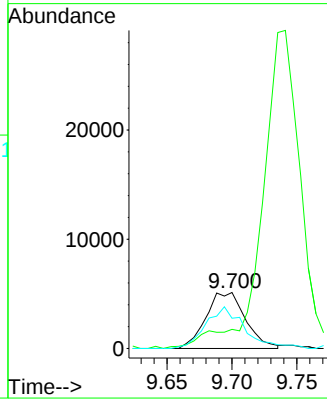
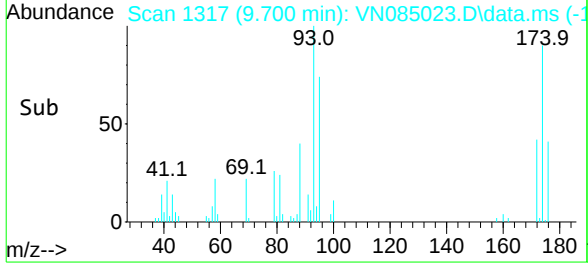
Instrument : MSVOA_N
ClientSampleId : VN1125WBS01



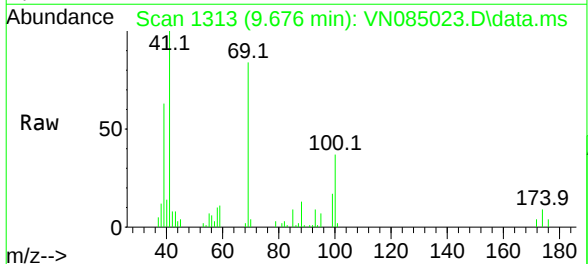
Tgt Ion: 88 Resp: 10863
Ion Ratio Lower Upper
88 100
43 15.4 20.8 31.2
58 72.2 53.4 80.2

Manual Integrations
APPROVED

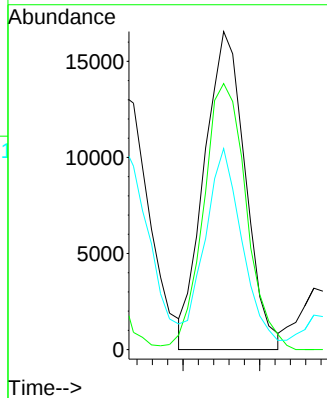
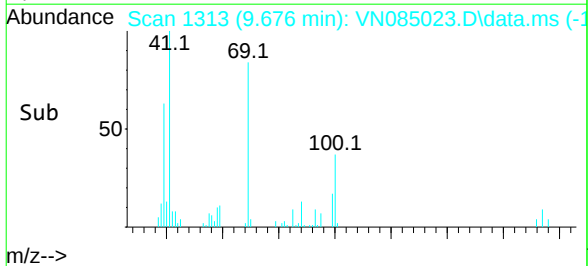
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

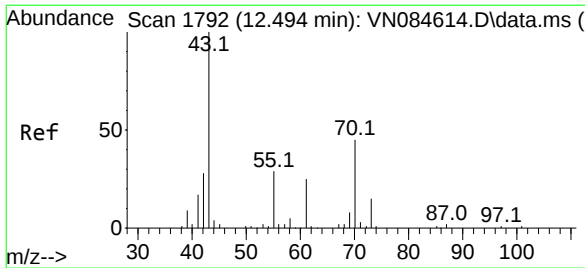


#46
Methyl methacrylate
Concen: 16.153 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



Tgt Ion: 41 Resp: 30794
Ion Ratio Lower Upper
41 100
69 83.3 43.4 130.2
39 63.6 24.7 74.1





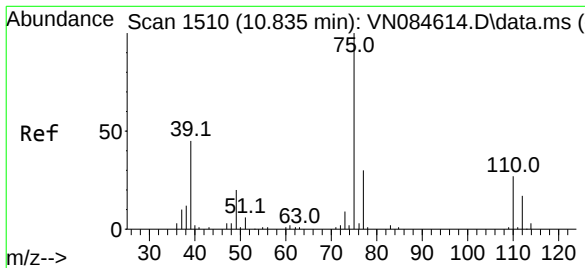
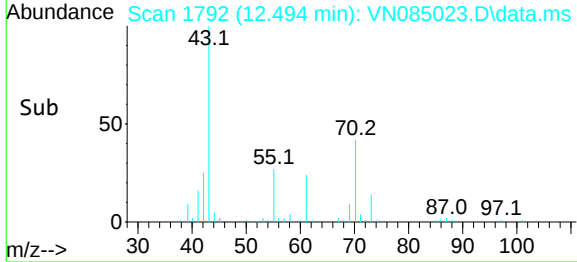
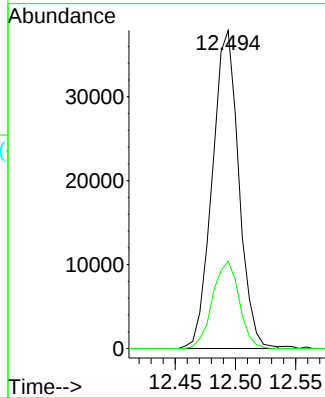
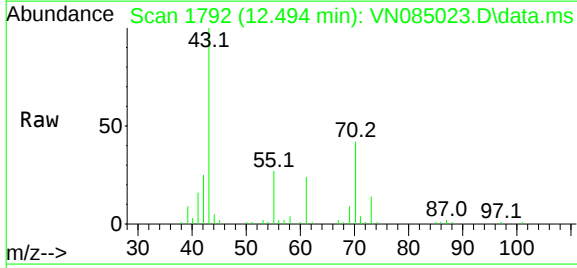
#47
n-amy1 Acetate
Concen: 16.370 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 43 Resp: 57997
Ion Ratio Lower Upper
43 100
55 27.5 22.0 33.0

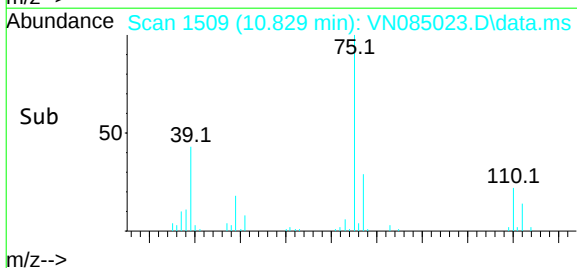
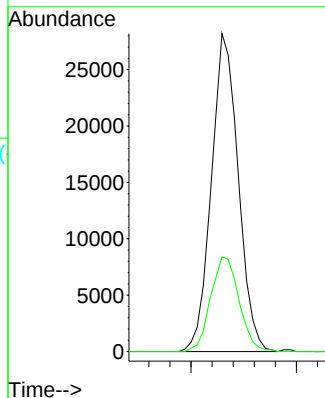
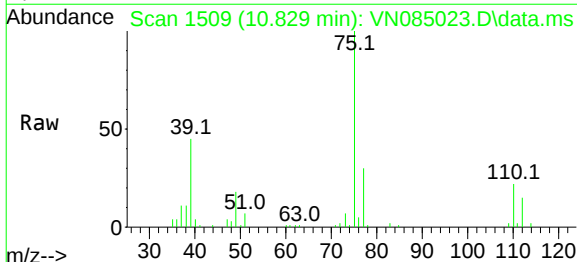
Manual Integrations
APPROVED

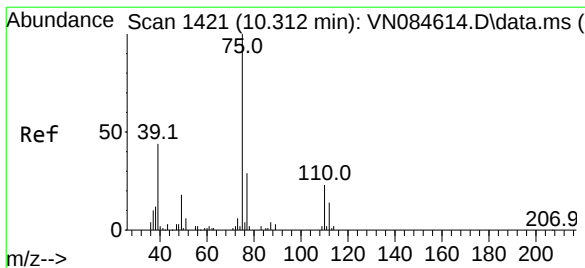
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#48
t-1,3-Dichloropropene
Concen: 17.498 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 75 Resp: 49833
Ion Ratio Lower Upper
75 100
77 29.8 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 18.155 ug/l

RT: 10.306 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

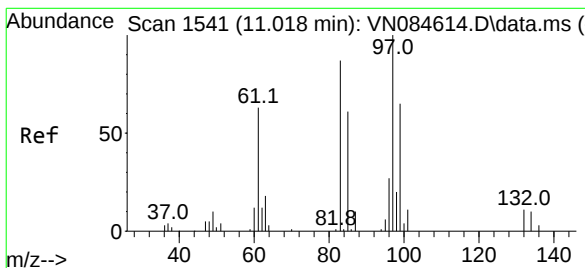
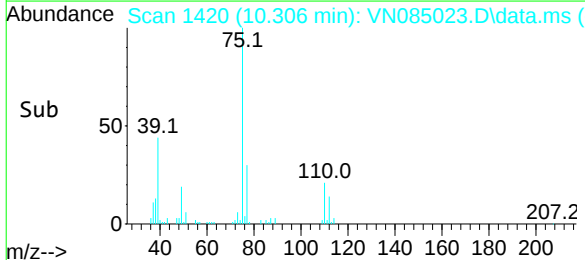
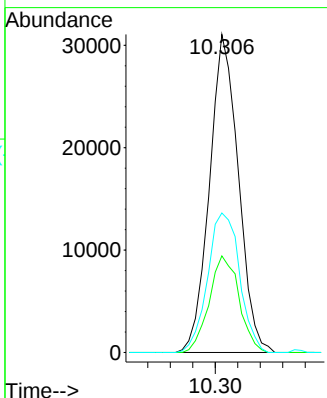
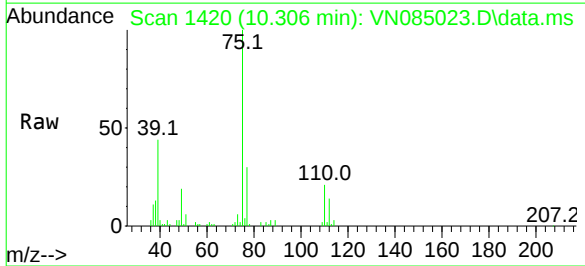
VN1125WBS01

Tgt Ion: 75	Resp: 55413
Ion Ratio	Lower Upper
75 100	
77 30.4	23.4 35.2
39 43.9	35.4 53.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#50

1,1,2-Trichloroethane

Concen: 18.662 ug/l

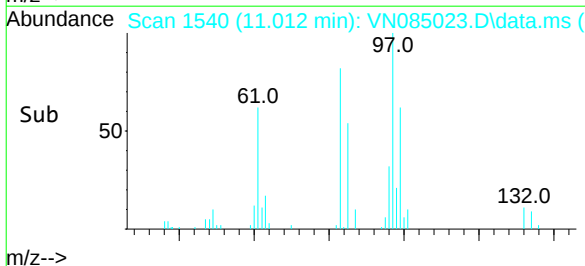
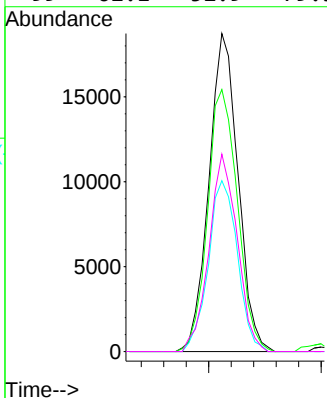
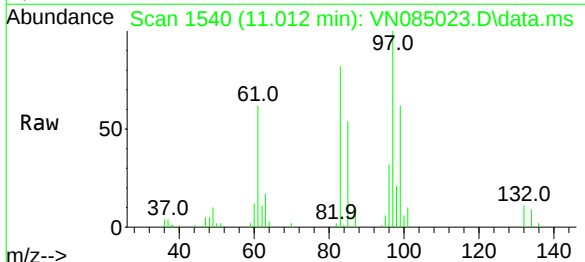
RT: 11.012 min Scan# 1540

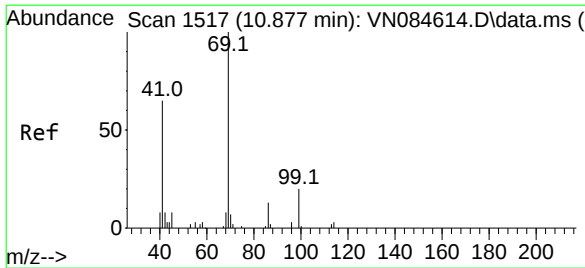
Delta R.T. -0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Tgt Ion: 97	Resp: 33677
Ion Ratio	Lower Upper
97 100	
83 82.4	69.8 104.8
85 53.7	48.6 73.0
99 62.1	52.9 79.3





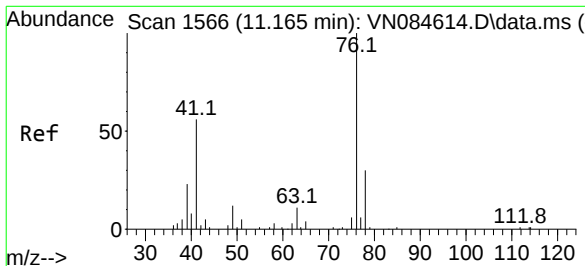
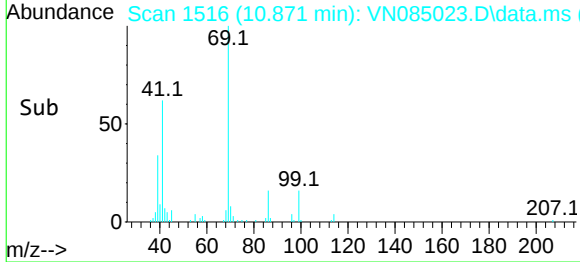
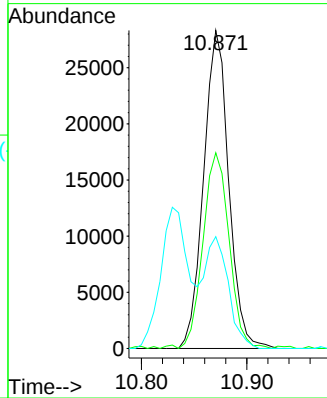
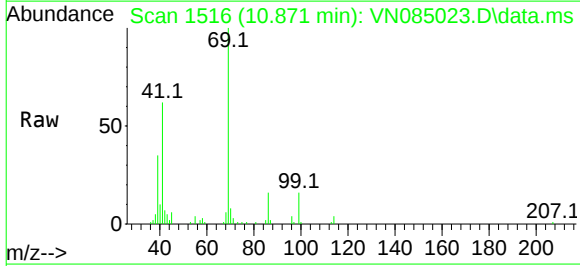
#51
Ethyl methacrylate
Concen: 16.849 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:	69	Resp:	46868
Ion	Ratio	Lower	Upper
69	100		
41	61.5	32.8	98.3
39	35.1	15.4	46.1

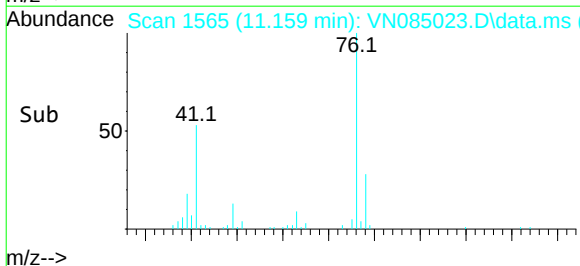
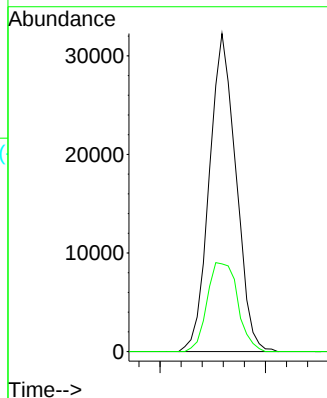
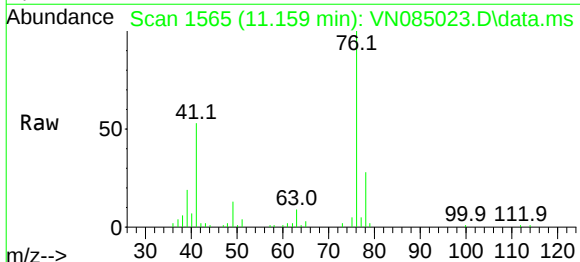
Manual Integrations
APPROVED

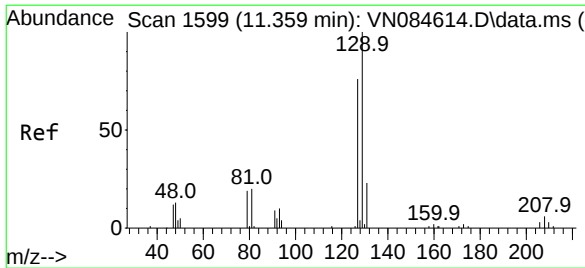
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#52
1,3-Dichloropropane
Concen: 18.117 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion:	76	Resp:	56750
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	64.0





#53

Dibromochloromethane

Concen: 18.223 ug/l

RT: 11.353 min Scan# 1599

Delta R.T. -0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

Tgt Ion:129 Resp: 38484

Ion Ratio Lower Upper

129 100

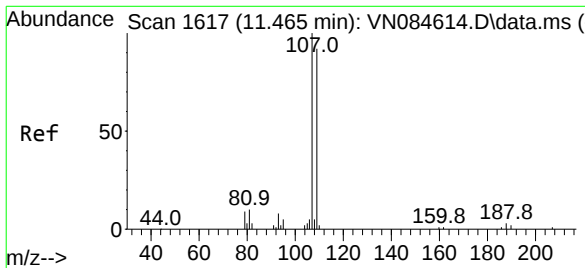
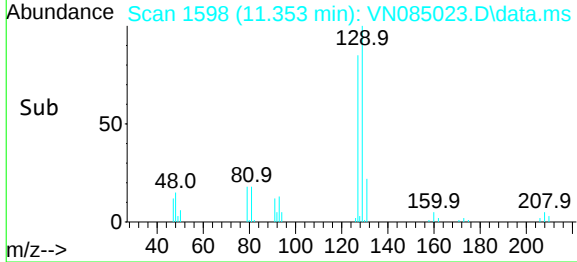
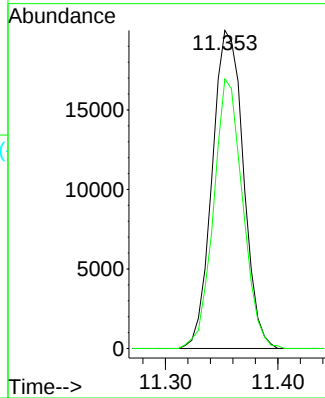
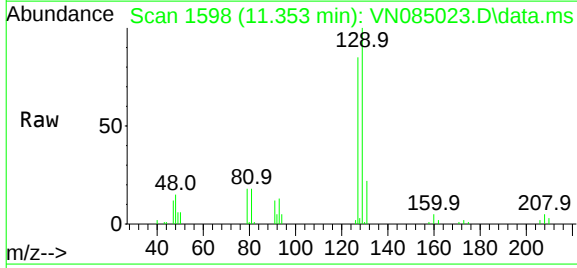
127 79.2 39.6 119.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#54

1,2-Dibromoethane

Concen: 17.591 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. -0.000 min

Lab File: VN085023.D

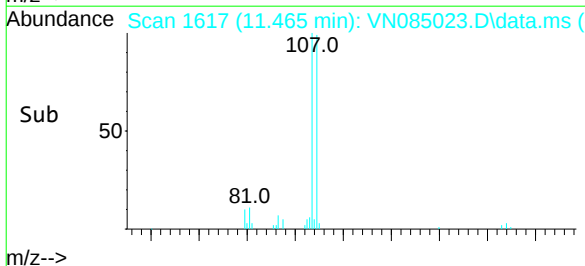
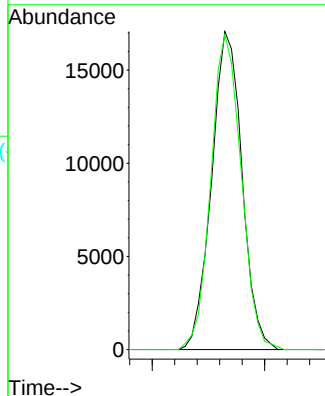
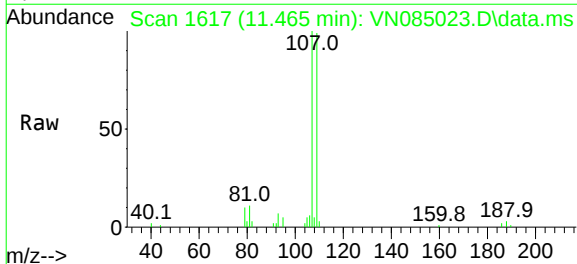
Acq: 25 Nov 2024 11:35

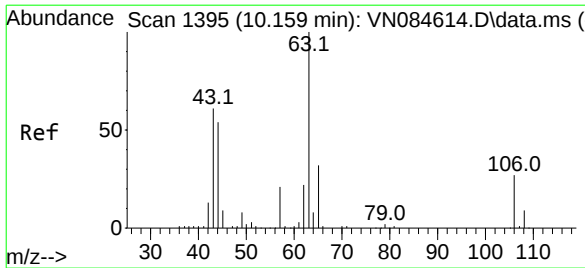
Tgt Ion:107 Resp: 32108

Ion Ratio Lower Upper

107 100

109 98.6 73.4 110.0





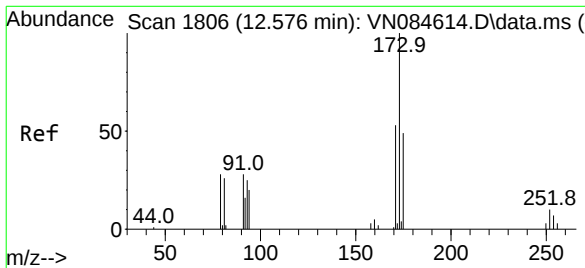
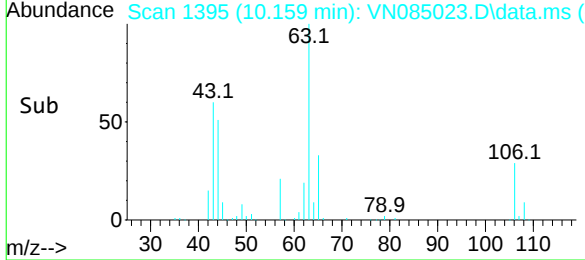
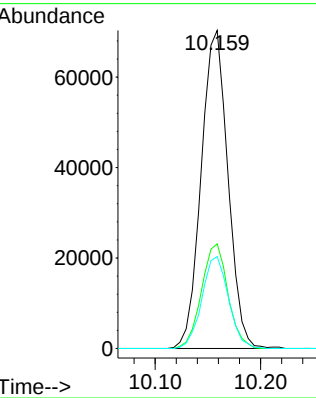
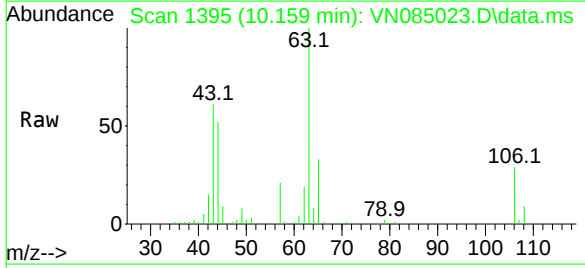
#55
2-Chloroethyl vinyl ether
Concen: 90.990 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:	63	Resp:	124090
Ion Ratio	Lower	Upper	
63	100		
65	32.4	25.5	38.3
106	28.8	22.3	33.5

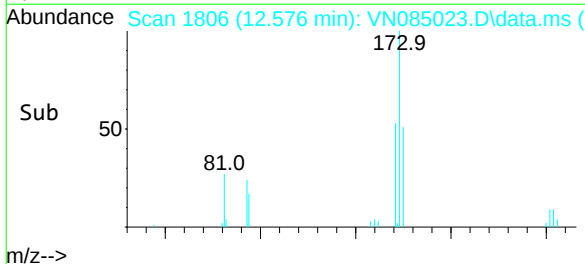
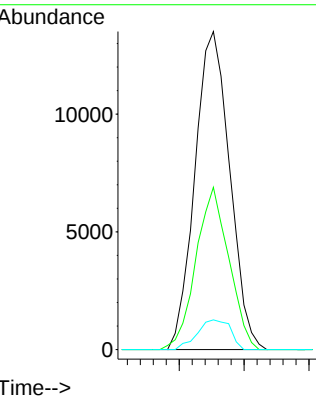
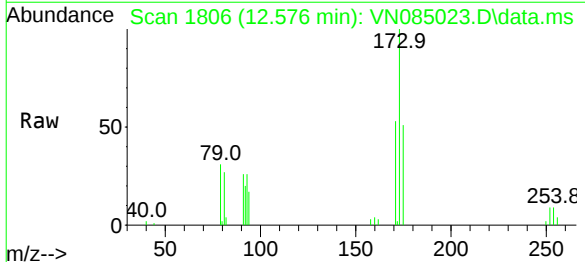
Manual Integrations
APPROVED

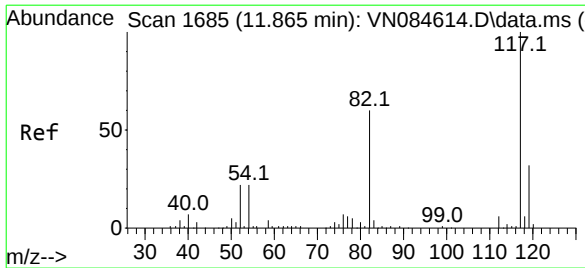
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#56
Bromoform
Concen: 17.787 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion:	173	Resp:	25179
Ion Ratio	Lower	Upper	
173	100		
175	48.2	39.4	59.2
254	8.9	6.4	9.6





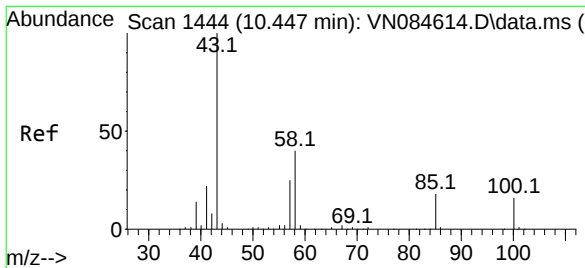
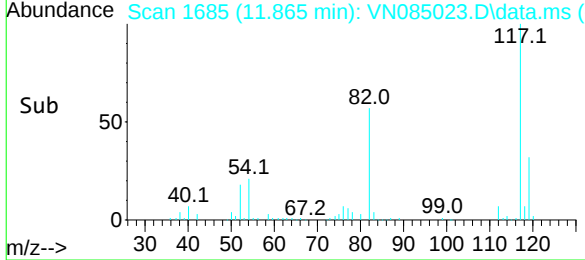
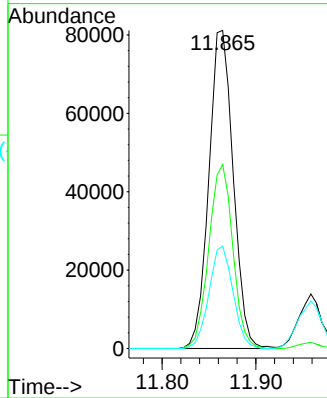
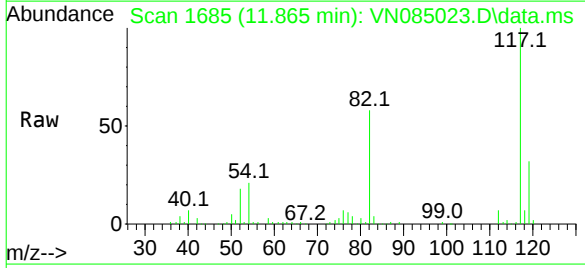
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 117 Resp: 146596
Ion Ratio Lower Upper
117 100
82 56.9 45.5 68.3
119 31.7 25.3 37.9

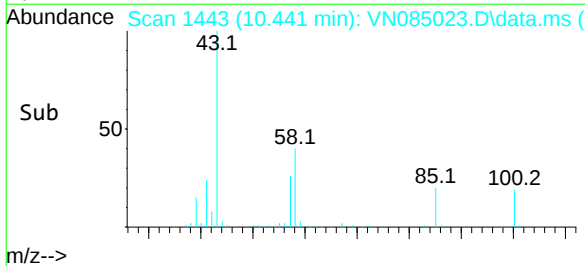
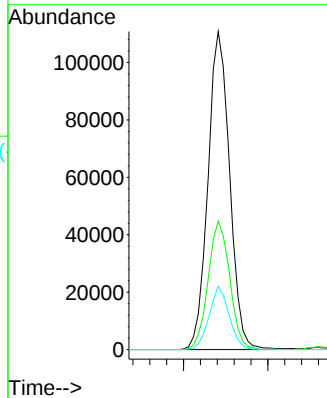
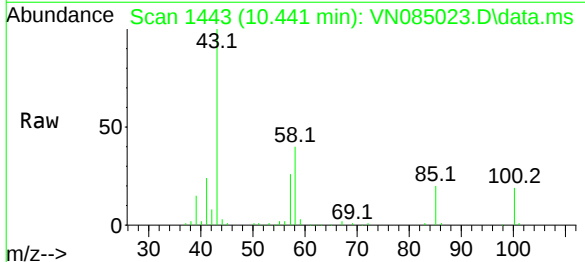
Manual Integrations
APPROVED

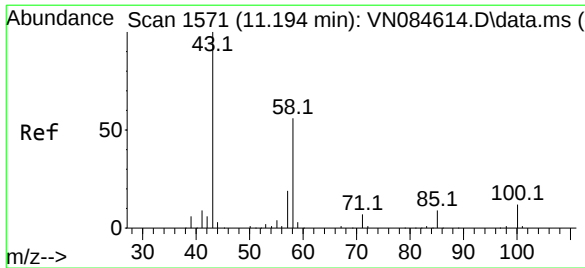
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#58
4-Methyl-2-Pentanone
Concen: 85.603 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 43 Resp: 197975
Ion Ratio Lower Upper
43 100
58 40.2 31.2 46.8
85 18.4 14.9 22.3





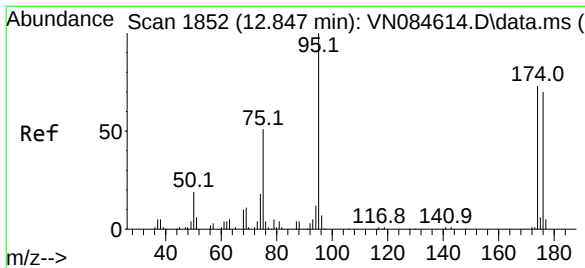
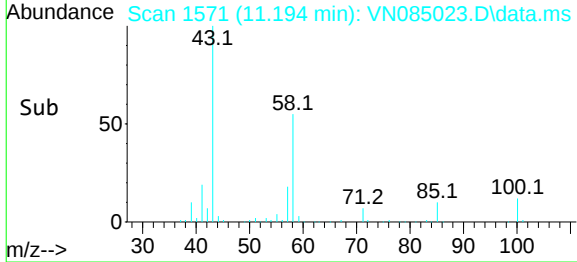
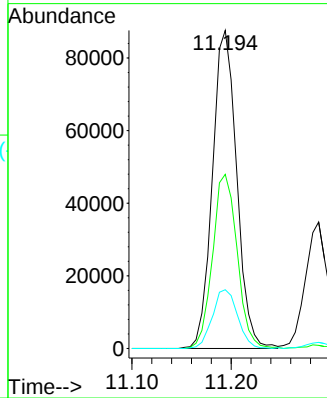
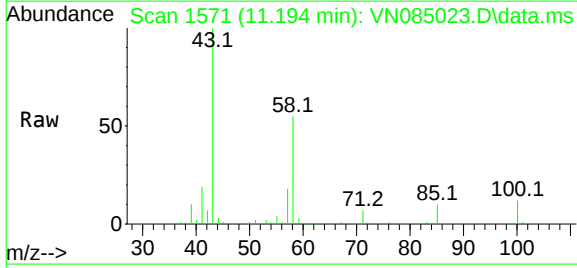
#59
2-Hexanone
Concen: 87.995 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 43 Resp: 149022
Ion Ratio Lower Upper
43 100
58 55.4 43.8 65.6
57 19.2 15.0 22.6

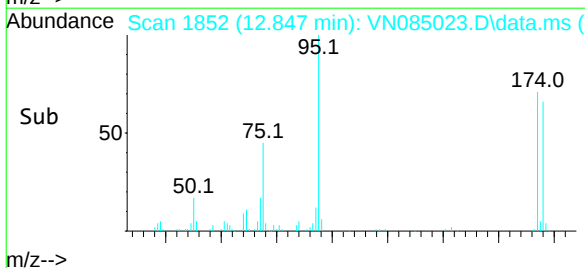
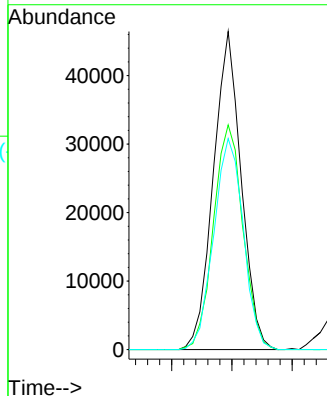
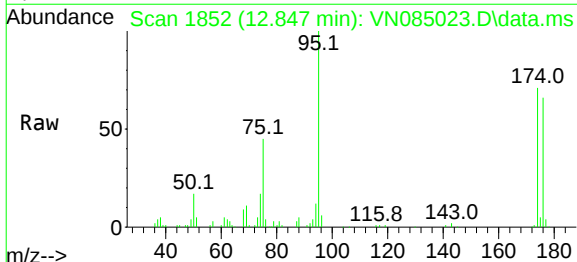
Manual Integrations
APPROVED

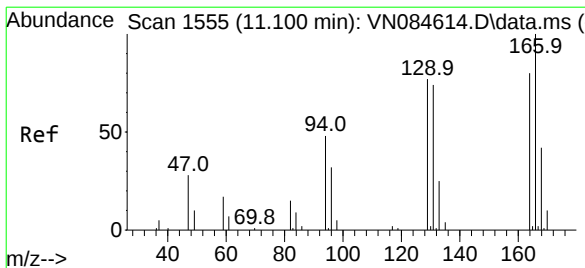
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#60
4-Bromofluorobenzene
Concen: 29.587 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

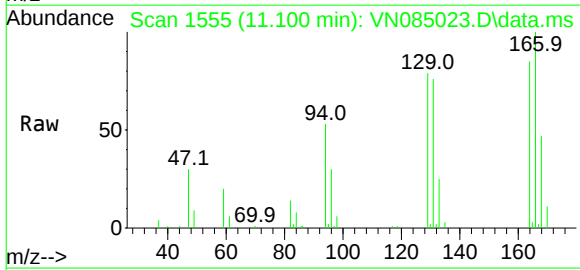
Tgt Ion: 95 Resp: 74681
Ion Ratio Lower Upper
95 100
174 74.7 59.6 89.4
176 70.4 58.6 88.0





#61
Tetrachloroethene
Concen: 19.151 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

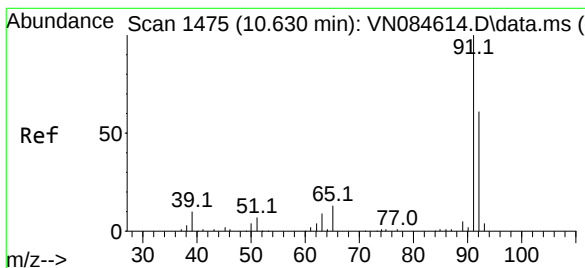
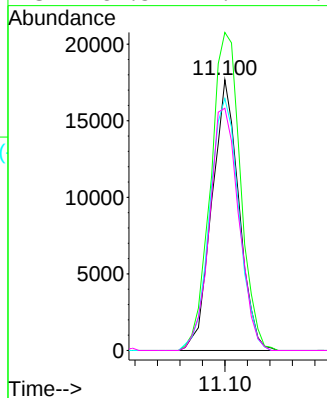
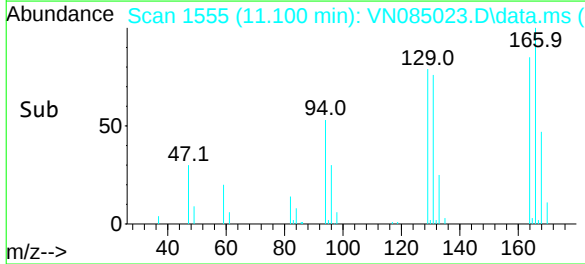
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion: 164 Resp: 29382
Ion Ratio Lower Upper
164 100
166 117.5 100.5 150.7
129 93.1 77.7 116.5
131 89.5 74.7 112.1

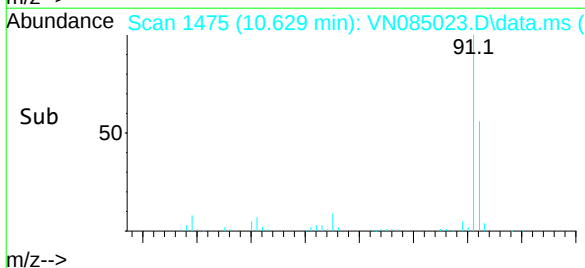
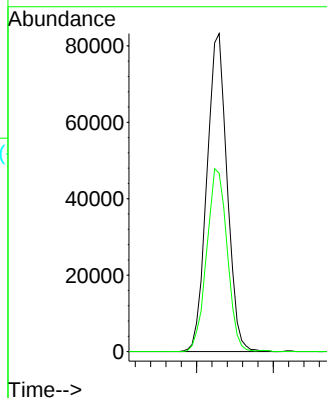
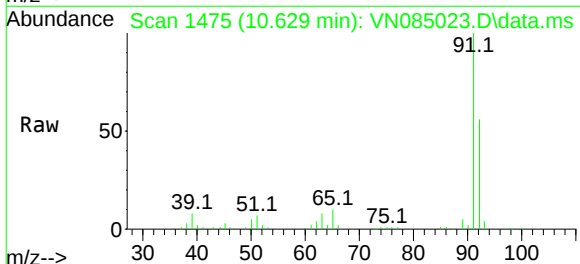
Manual Integrations
APPROVED

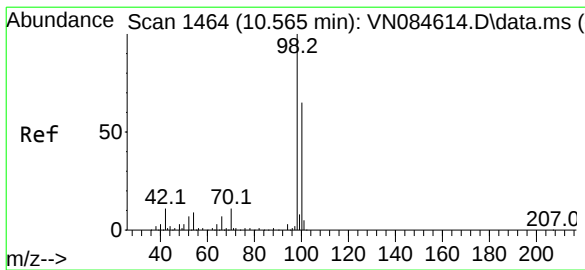
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#62
Toluene
Concen: 18.245 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 91 Resp: 152334
Ion Ratio Lower Upper
91 100
92 58.3 47.5 71.3





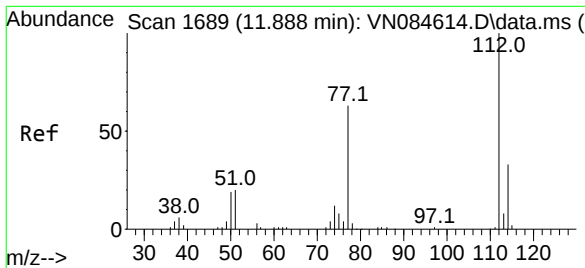
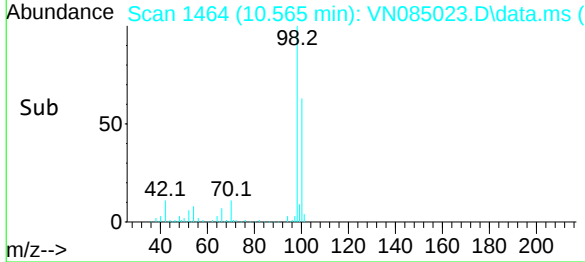
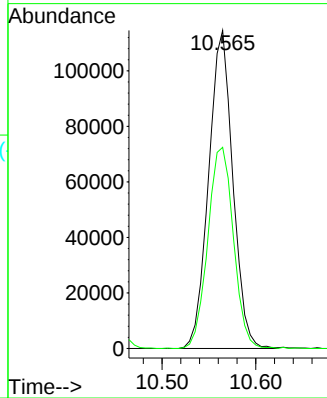
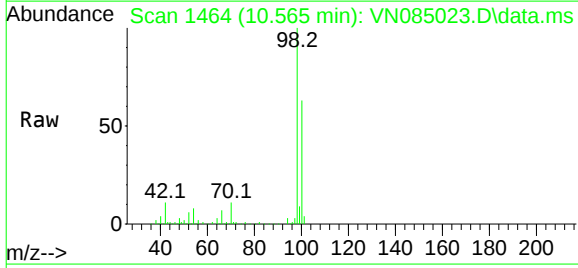
#63
Toluene-d8
Concen: 29.540 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 98 Resp: 205001
Ion Ratio Lower Upper
98 100
100 66.9 52.2 78.2

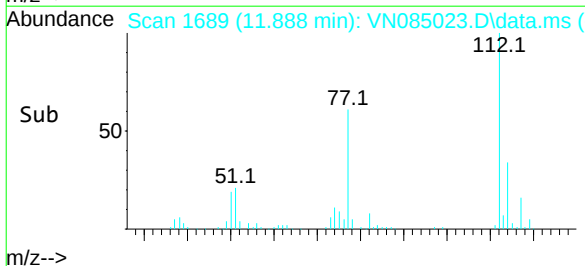
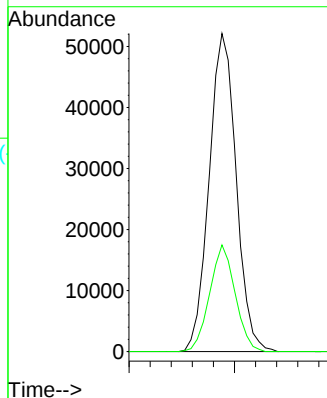
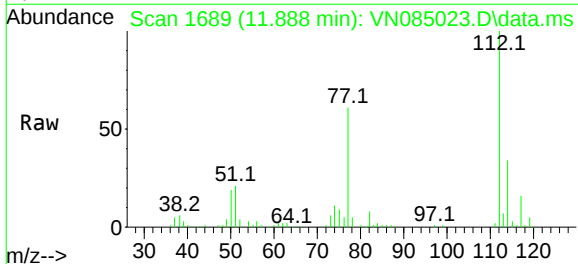
Manual Integrations
APPROVED

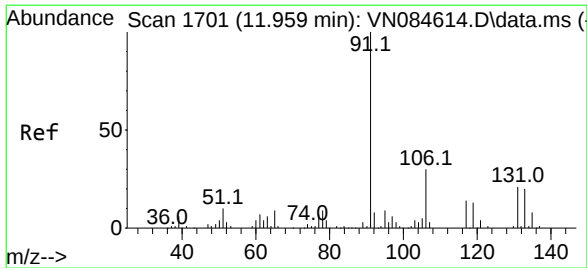
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#64
Chlorobenzene
Concen: 18.436 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

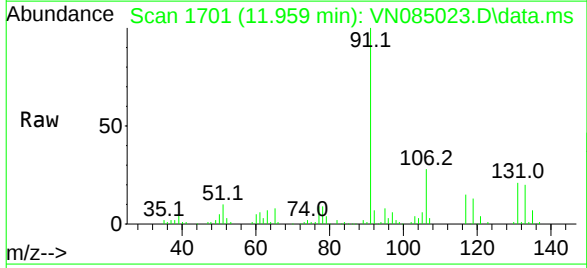
Tgt Ion:112 Resp: 92928
Ion Ratio Lower Upper
112 100
114 33.5 26.2 39.4





#65
1,1,1,2-Tetrachloroethane
Concen: 18.899 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

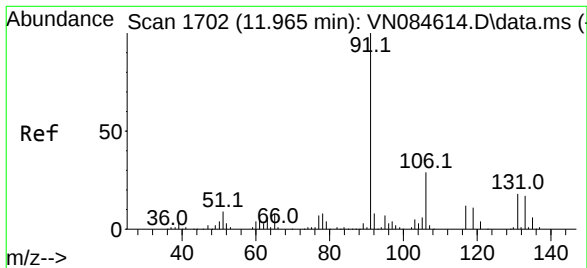
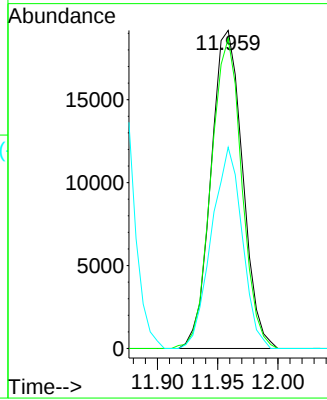
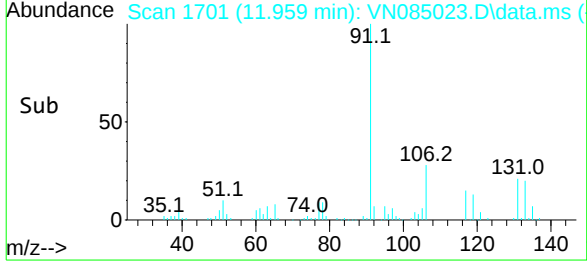
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



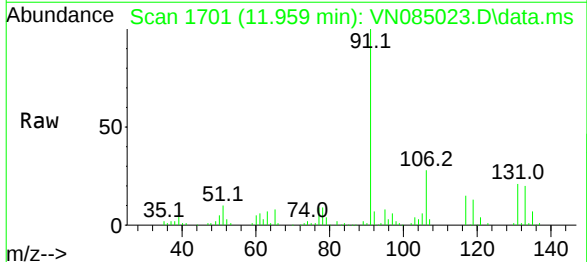
Tgt Ion: 131 Resp: 35009
Ion Ratio Lower Upper
131 100
133 94.3 0.0 189.2
119 61.5 0.0 129.4

Manual Integrations
APPROVED

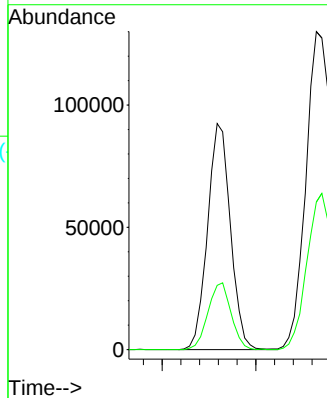
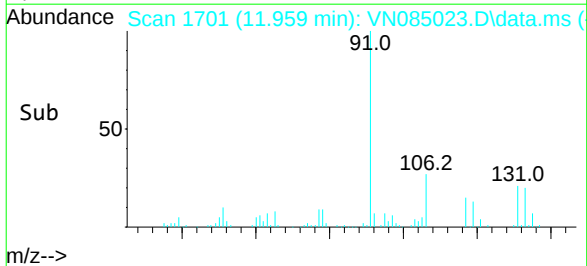
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024

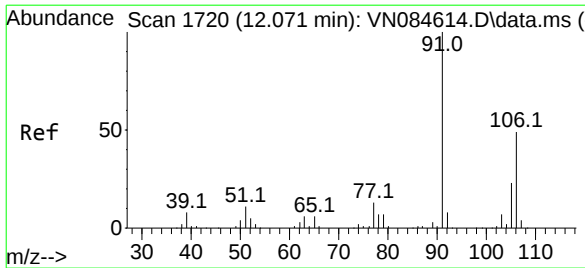


#66
Ethyl Benzene
Concen: 17.866 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35



Tgt Ion: 91 Resp: 156771
Ion Ratio Lower Upper
91 100
106 28.4 22.9 34.3





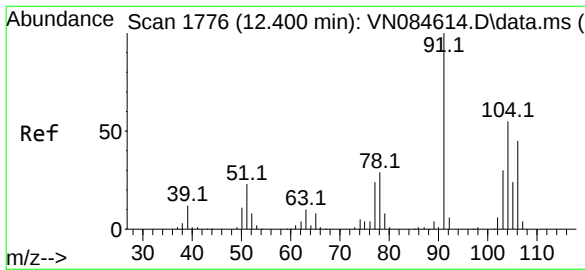
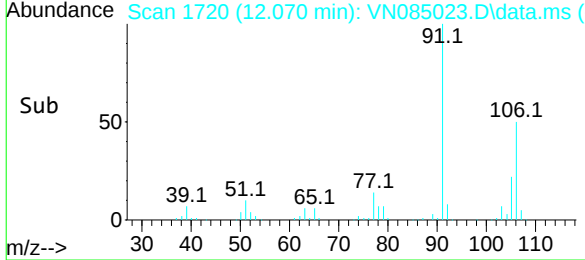
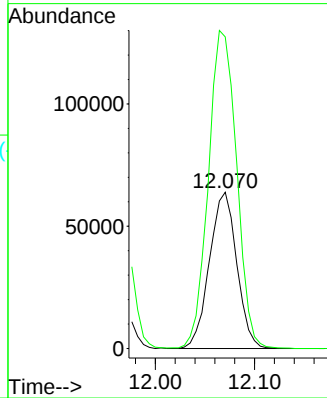
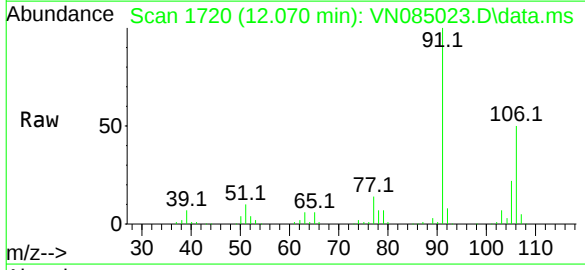
#67
m/p-Xylenes
Concen: 36.367 ug/l
RT: 12.070 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:106 Resp: 122175
Ion Ratio Lower Upper
106 100
91 210.5 168.1 252.1

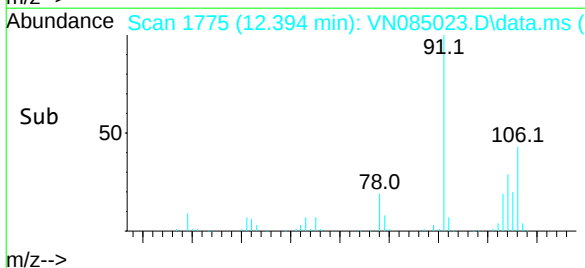
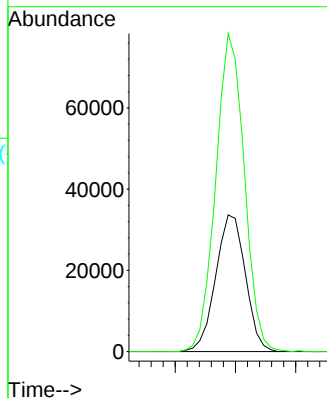
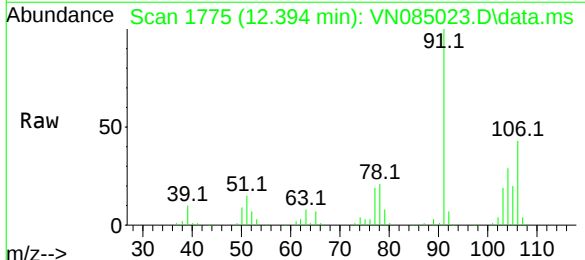
Manual Integrations
APPROVED

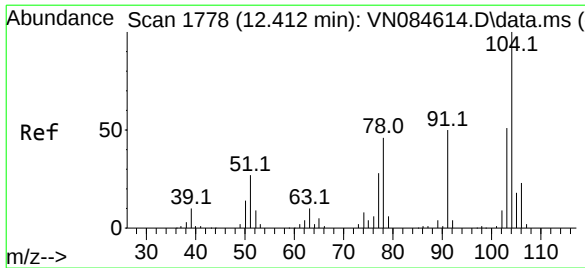
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#68
o-Xylene
Concen: 17.830 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion:106 Resp: 57781
Ion Ratio Lower Upper
106 100
91 223.9 107.7 322.9





#69

Styrene

Concen: 17.701 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

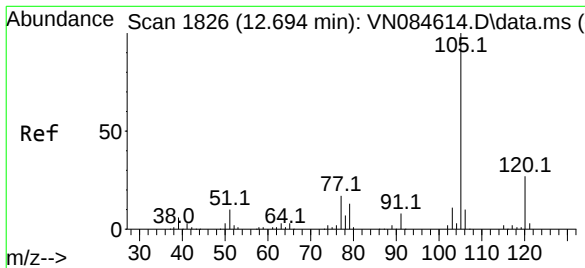
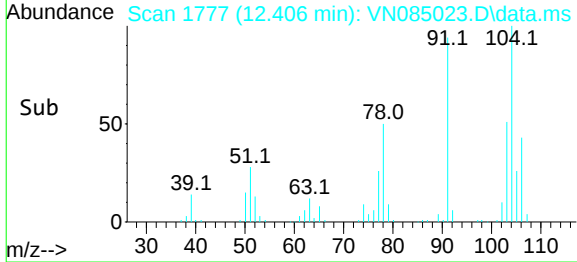
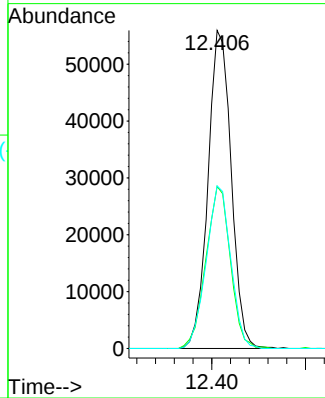
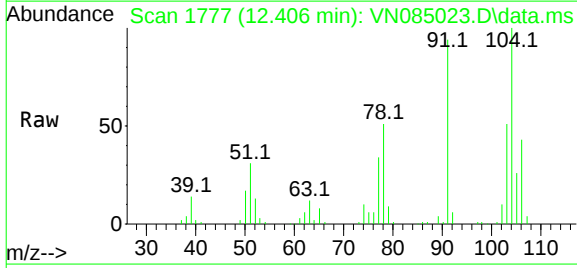
Tgt Ion:	104	Resp:	96179
Ion Ratio	Lower	Upper	
104	100		
78	53.6	41.5	62.3
103	53.9	44.6	67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#70

Isopropylbenzene

Concen: 18.227 ug/l

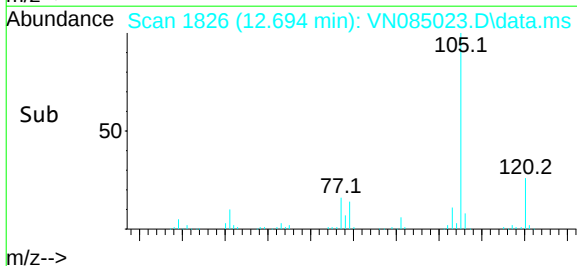
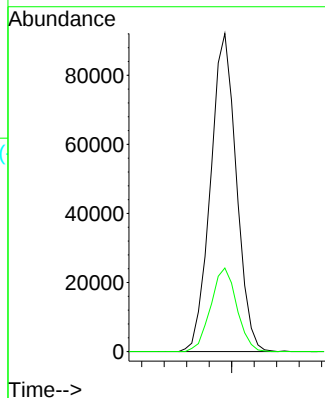
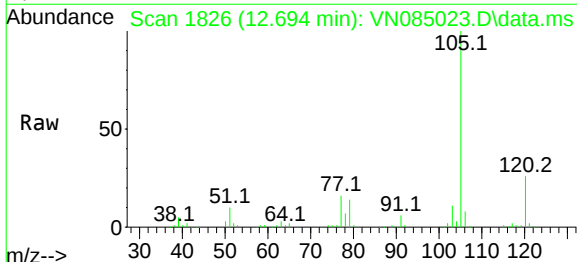
RT: 12.694 min Scan# 1826

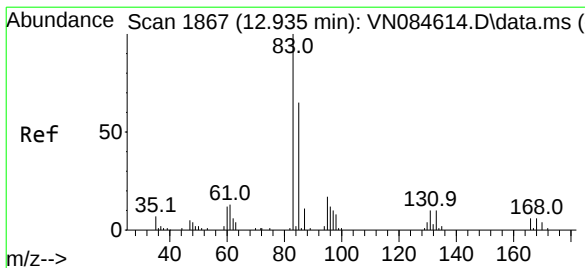
Delta R.T. -0.000 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

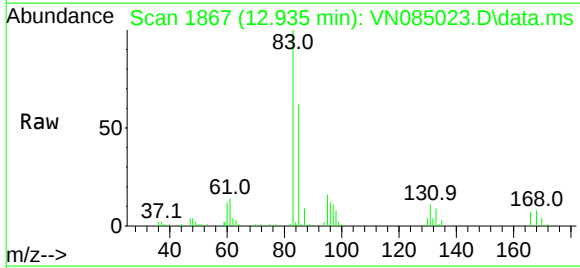
Tgt Ion:	105	Resp:	146732
Ion Ratio	Lower	Upper	
105	100		
120	26.5	18.7	34.7





#71
1,1,2,2-Tetrachloroethane
Concen: 18.533 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

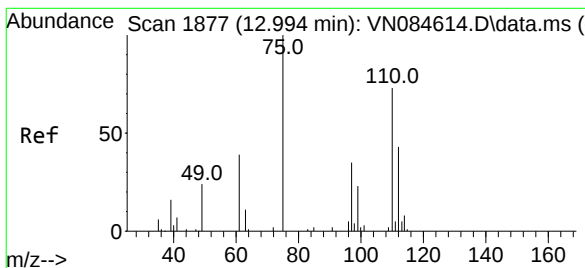
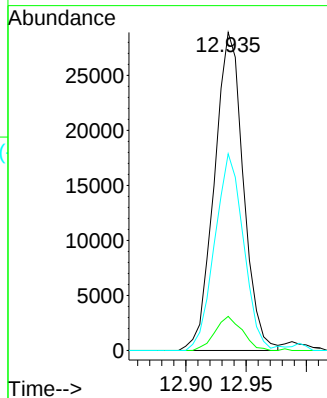
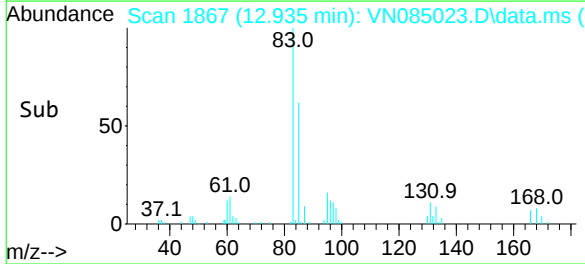
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.1	15.3
85	61.3	33.3	99.9

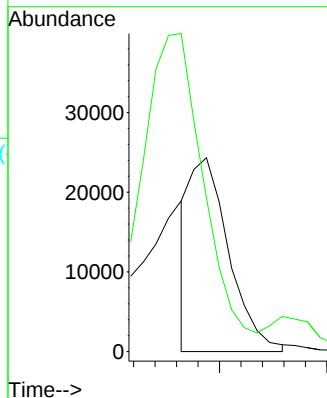
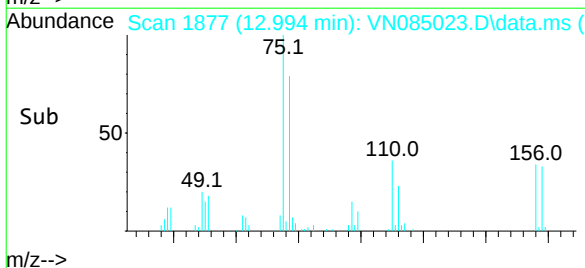
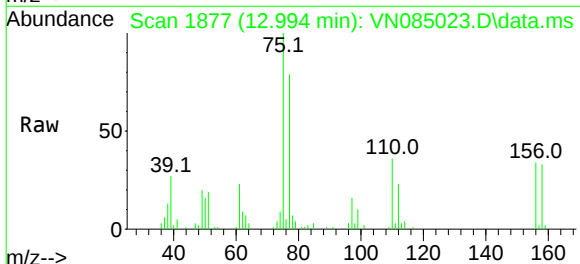
Manual Integrations
APPROVED

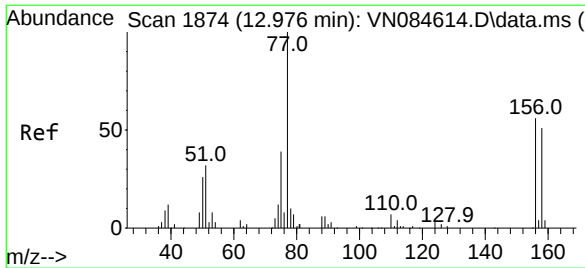
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#72
1,2,3-Trichloropropane
Concen: 13.764 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	265.4	0.0	358.4





#73

Bromobenzene

Concen: 18.105 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

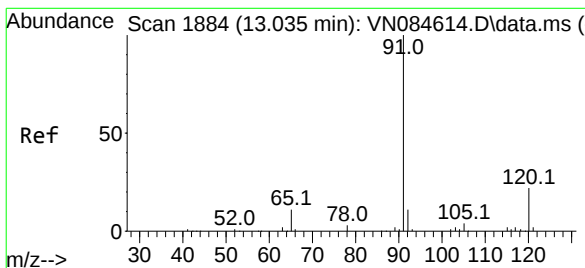
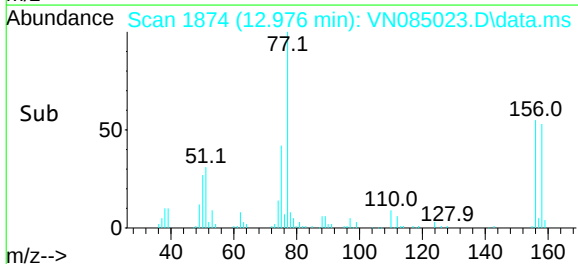
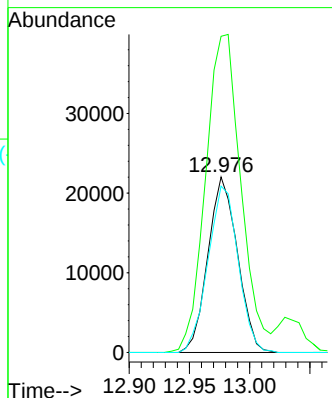
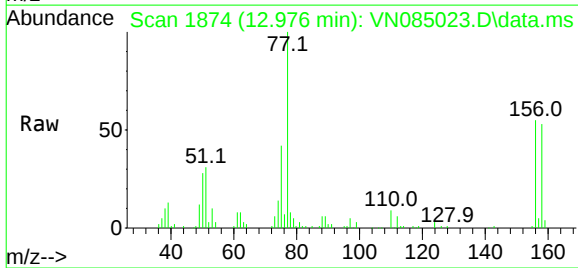
Tgt Ion:	156	Resp:	37591
Ion Ratio	Lower	Upper	
156	100		
77	216.5	0.0	427.6
158	97.0	0.0	191.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#74

n-propylbenzene

Concen: 18.506 ug/l

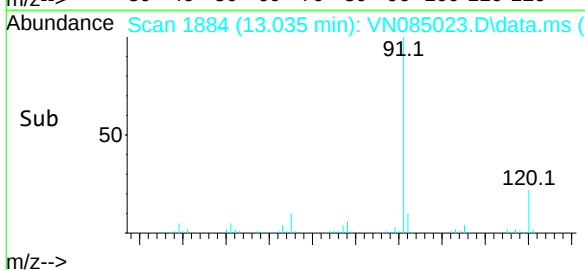
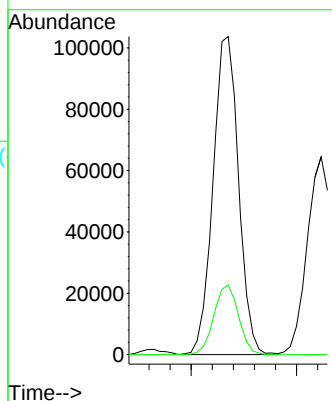
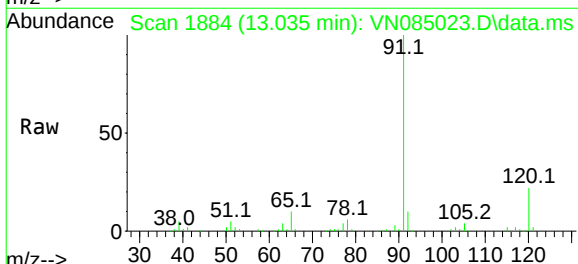
RT: 13.035 min Scan# 1884

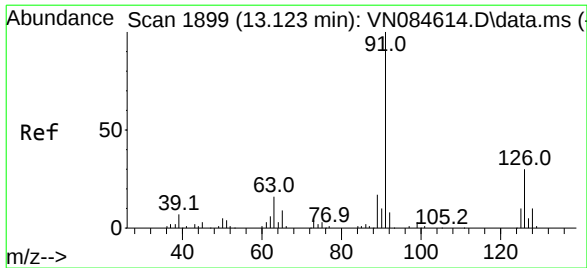
Delta R.T. -0.000 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Tgt Ion:	91	Resp:	174209
Ion Ratio	Lower	Upper	
91	100		
120	21.1	0.0	44.0





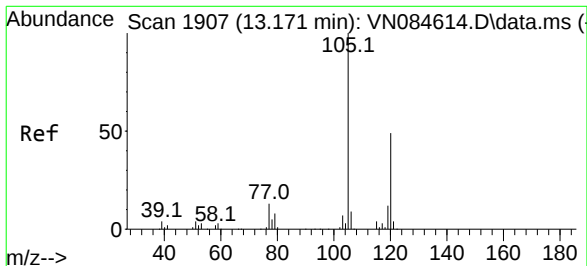
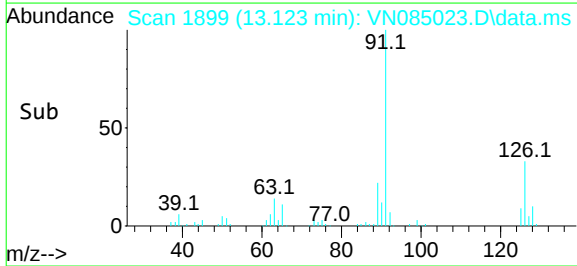
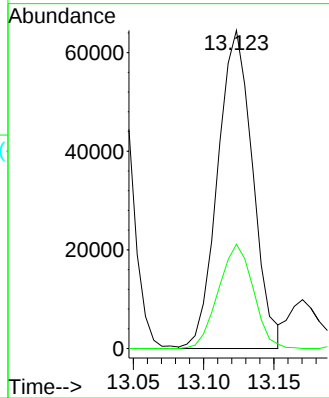
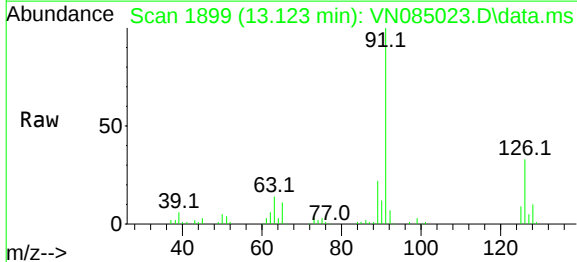
#75
2-Chlorotoluene
Concen: 18.222 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 91 Resp: 111706
Ion Ratio Lower Upper
91 100
126 32.5 0.0 60.8

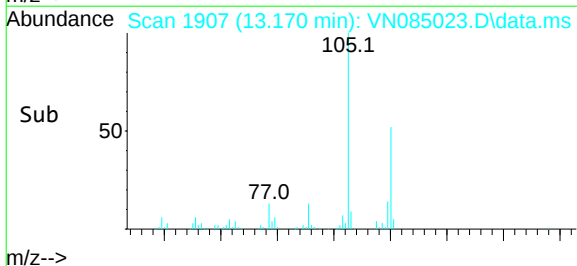
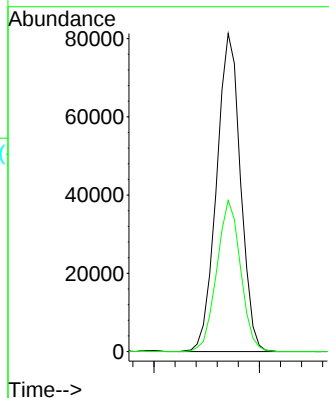
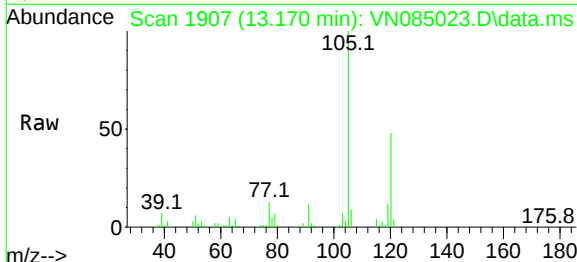
Manual Integrations
APPROVED

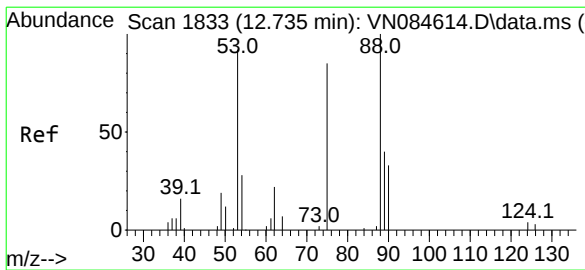
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#76
1,3,5-Trimethylbenzene
Concen: 18.677 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

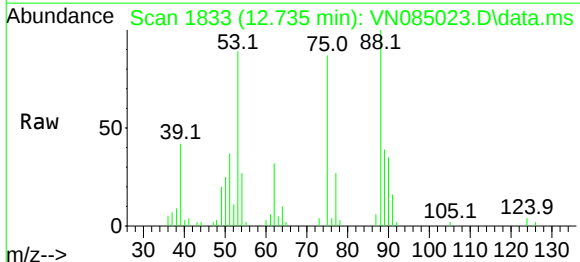
Tgt Ion:105 Resp: 128466
Ion Ratio Lower Upper
105 100
120 47.3 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.589 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

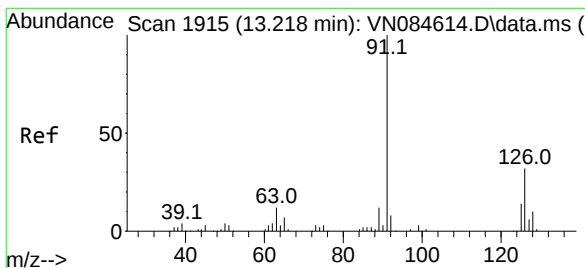
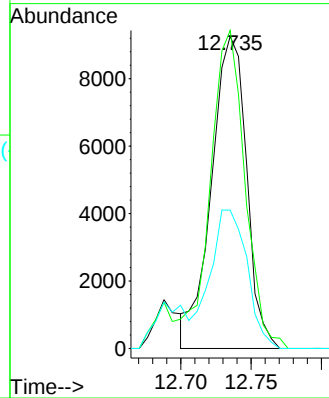
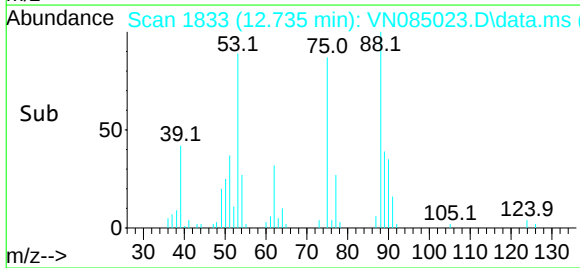
Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01



Tgt Ion: 75 Resp: 16073
Ion Ratio Lower Upper
75 100
53 98.6 52.4 157.2
89 44.3 26.0 78.0

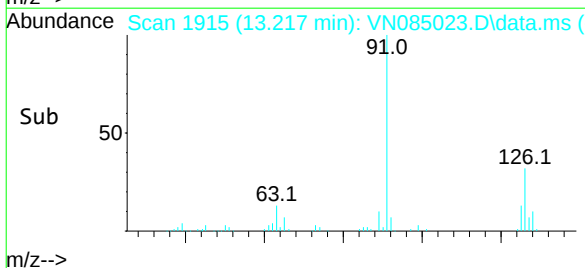
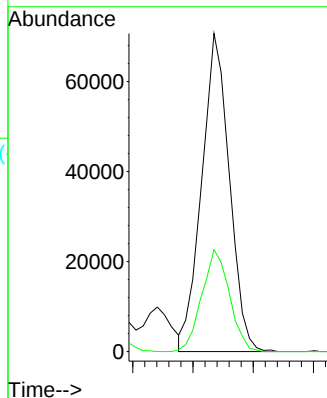
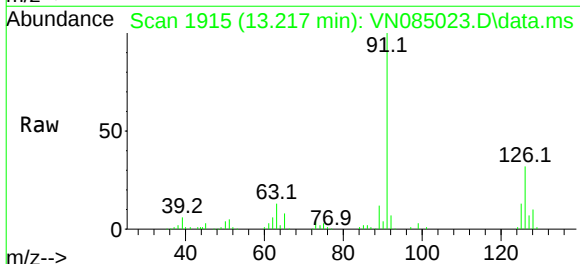
Manual Integrations
APPROVED

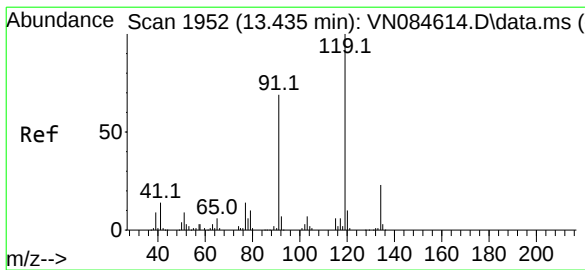
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#78
4-Chlorotoluene
Concen: 18.196 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion: 91 Resp: 112704
Ion Ratio Lower Upper
91 100
126 32.0 0.0 63.4





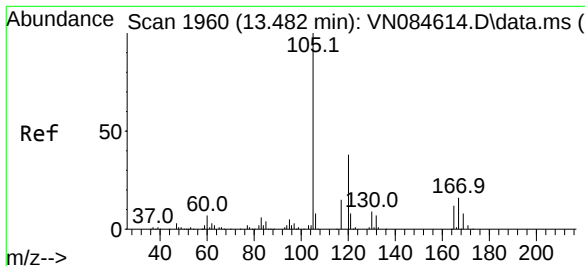
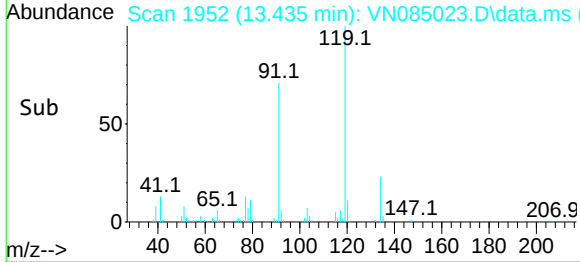
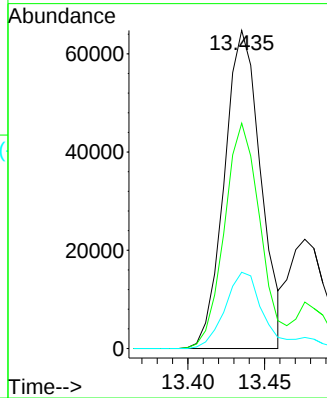
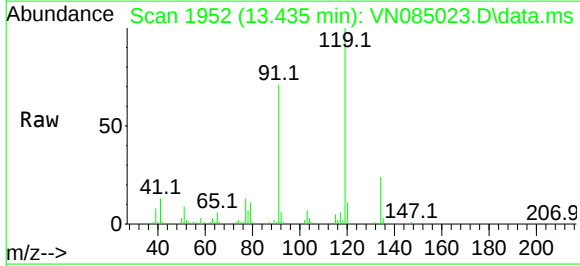
#79
tert-butylbenzene
Concen: 18.753 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion:119 Resp: 106667
Ion Ratio Lower Upper
119 100
91 70.4 0.0 143.2
134 24.3 0.0 49.4

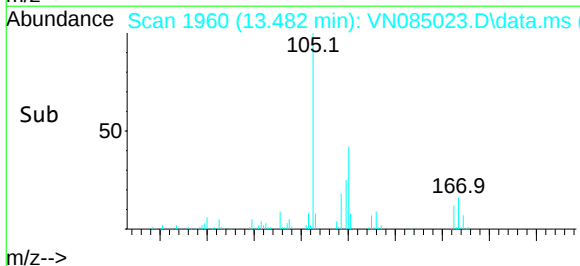
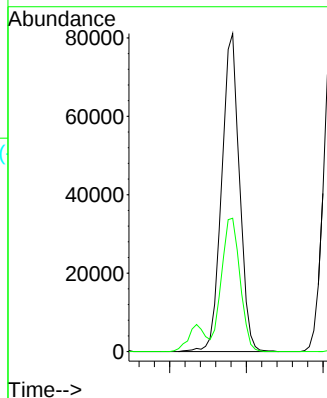
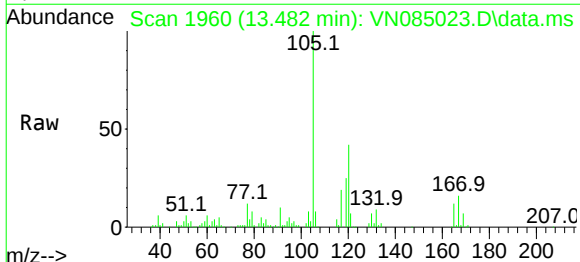
Manual Integrations
APPROVED

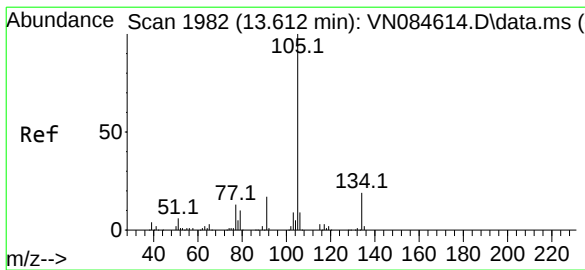
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#80
1,2,4-Trimethylbenzene
Concen: 18.835 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

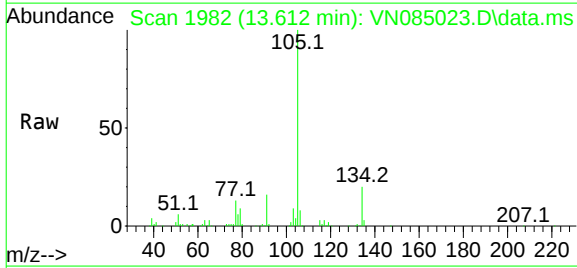
Tgt Ion:105 Resp: 130700
Ion Ratio Lower Upper
105 100
120 43.7 0.0 90.4





#81
 sec-Butylbenzene
 Concen: 18.987 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085023.D
 Acq: 25 Nov 2024 11:35

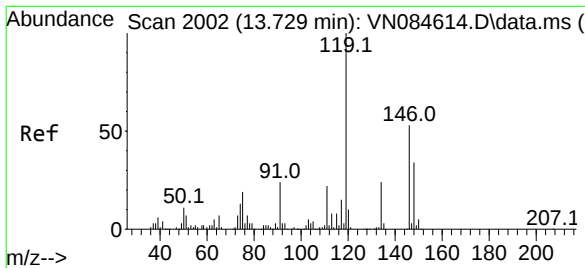
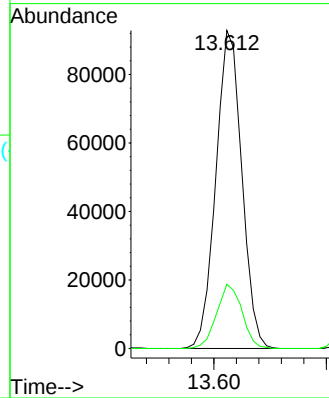
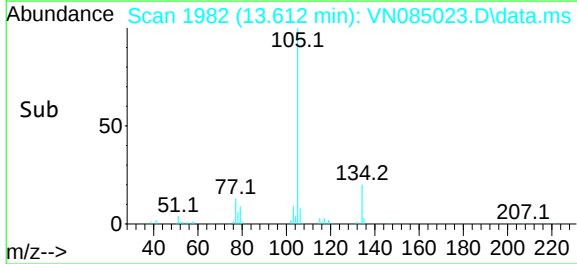
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1125WBS01



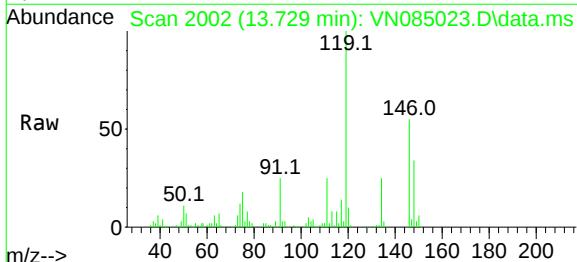
Tgt Ion:105 Resp: 148820
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.0

Manual Integrations
 APPROVED

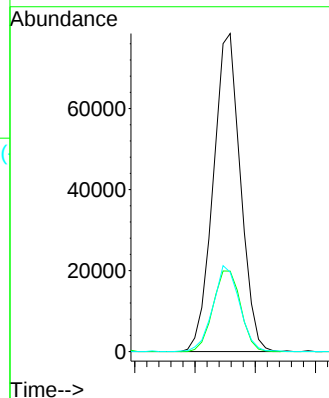
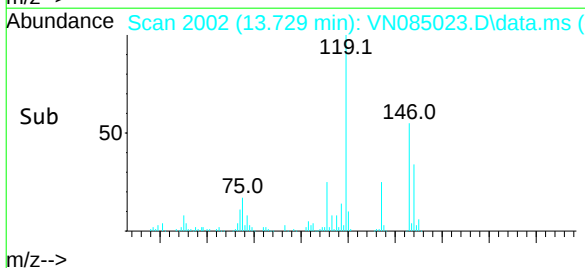
Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/26/2024

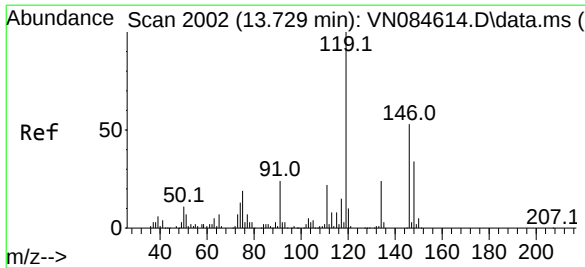


#82
 p-Isopropyltoluene
 Concen: 18.690 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085023.D
 Acq: 25 Nov 2024 11:35



Tgt Ion:119 Resp: 123086
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.4
 91 26.5 0.0 50.4





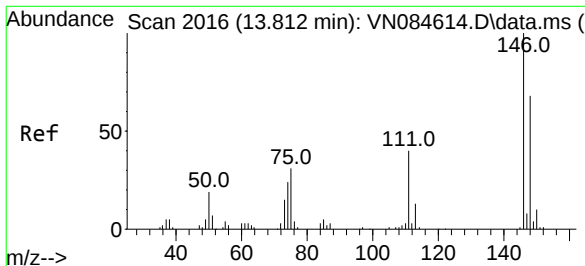
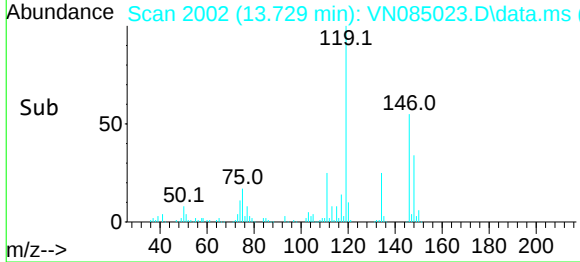
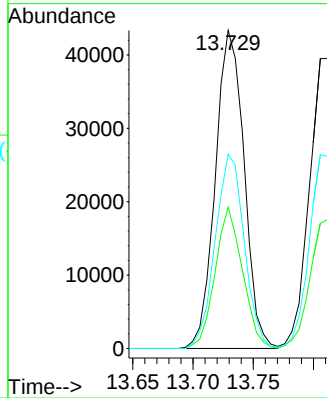
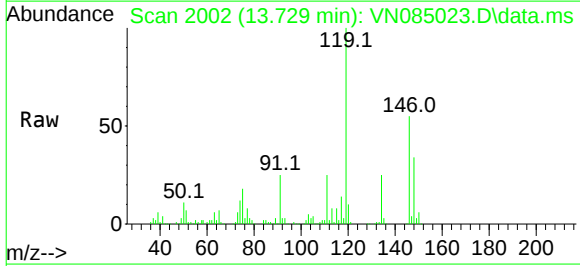
#83
1,3-Dichlorobenzene
Concen: 18.731 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	61.9	31.3	93.8

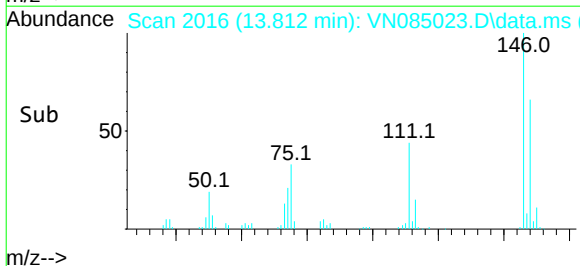
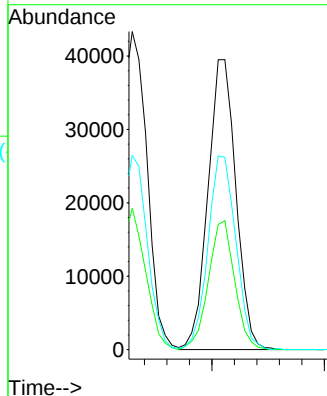
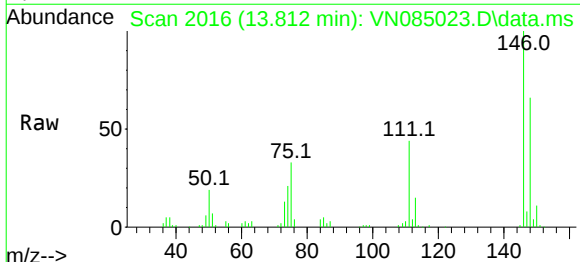
Manual Integrations
APPROVED

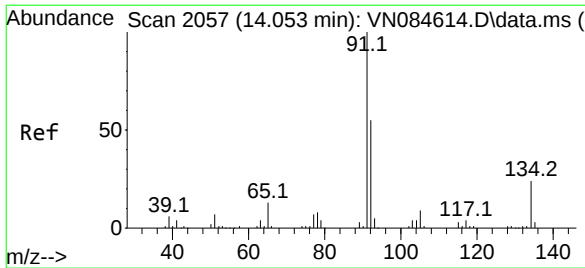
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#84
1,4-Dichlorobenzene
Concen: 17.999 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.2	60.5
148	66.7	32.6	98.0





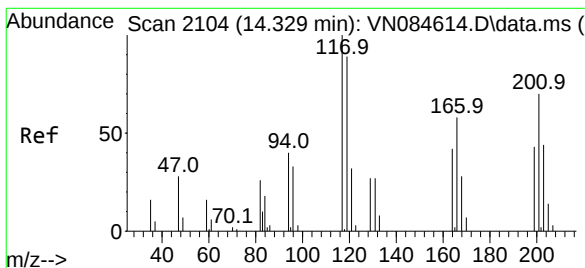
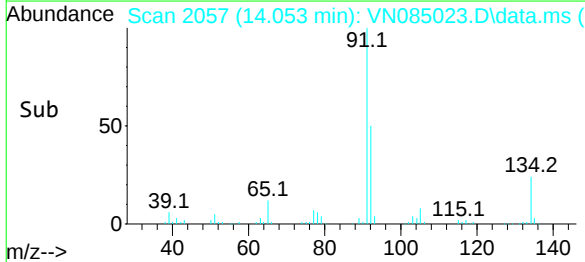
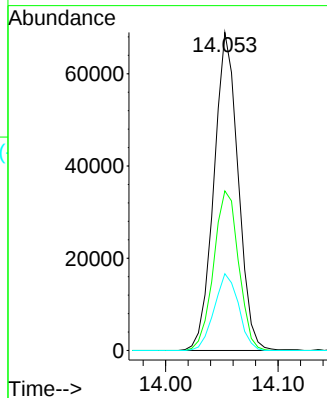
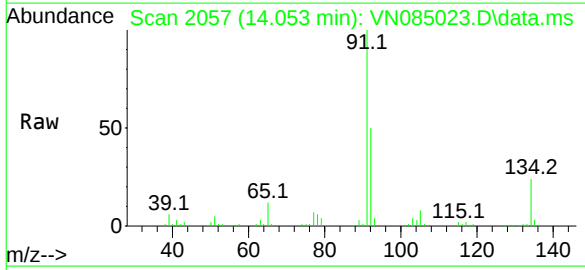
#85
n-Butylbenzene
Concen: 18.661 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Instrument :
MSVOA_N
ClientSampleId :
VN1125WBS01

Tgt Ion: 91 Resp: 103219
Ion Ratio Lower Upper
91 100
92 51.8 0.0 106.2
134 24.3 0.0 48.2

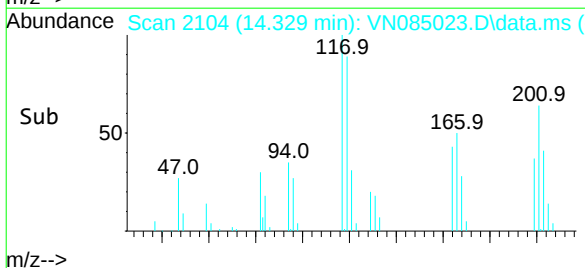
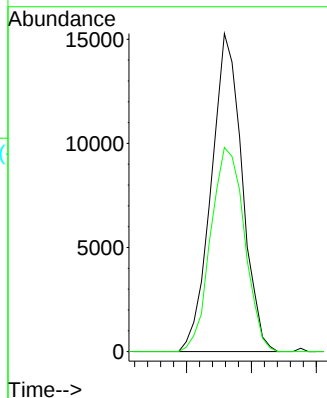
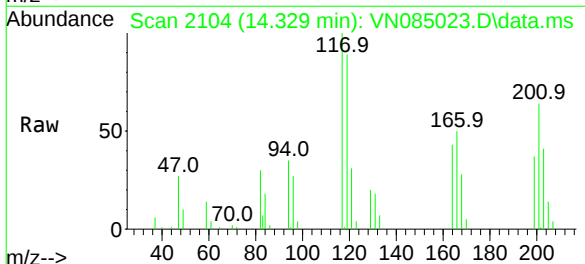
Manual Integrations
APPROVED

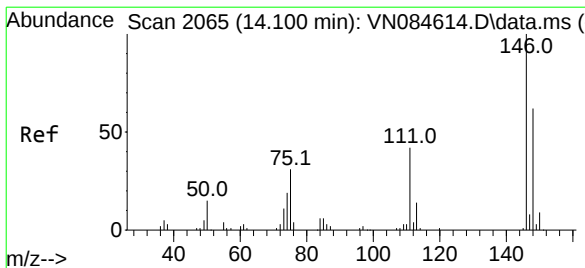
Reviewed By :John Carlone 11/25/2024
Supervised By :Mahesh Dadoda 11/26/2024



#86
Hexachloroethane
Concen: 18.780 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085023.D
Acq: 25 Nov 2024 11:35

Tgt Ion:117 Resp: 25295
Ion Ratio Lower Upper
117 100
201 70.0 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 18.142 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

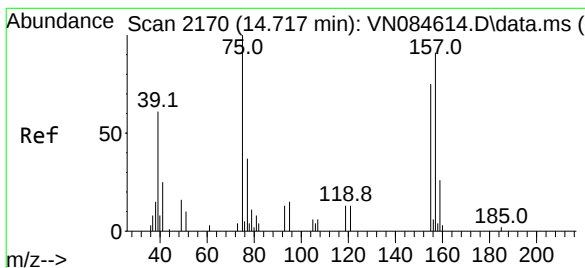
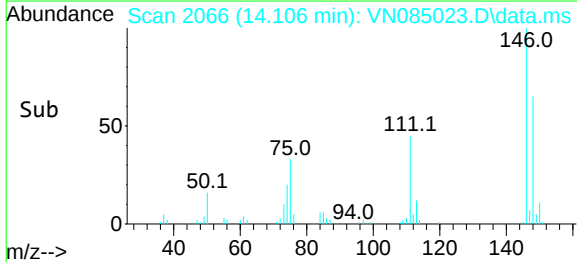
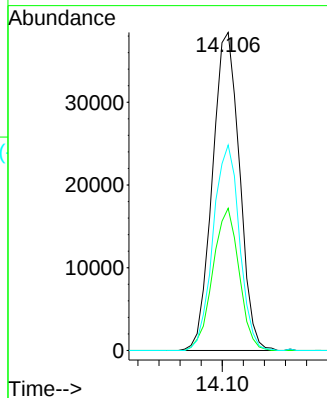
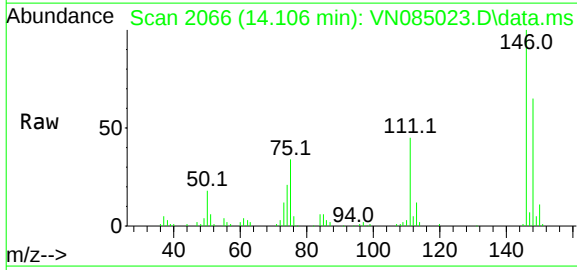
Tgt Ion:	146	Resp:	68646
Ion Ratio	Lower	Upper	
146	100		
111	43.3	22.4	67.0
148	62.9	32.6	98.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.230 ug/l

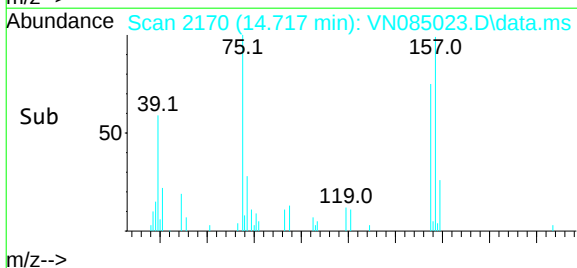
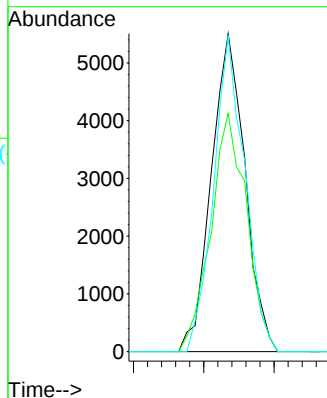
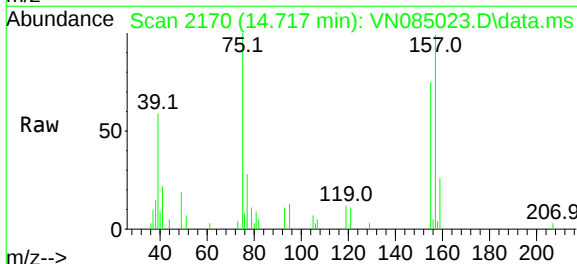
RT: 14.717 min Scan# 2170

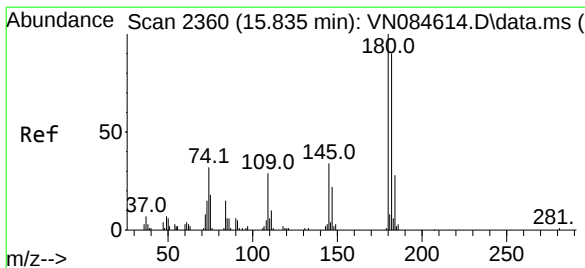
Delta R.T. -0.000 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Tgt Ion:	75	Resp:	9178
Ion Ratio	Lower	Upper	
75	100		
155	79.1	61.8	92.6
157	92.1	74.7	112.1





#89

1,2,4-Trichlorobenzene

Concen: 18.098 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

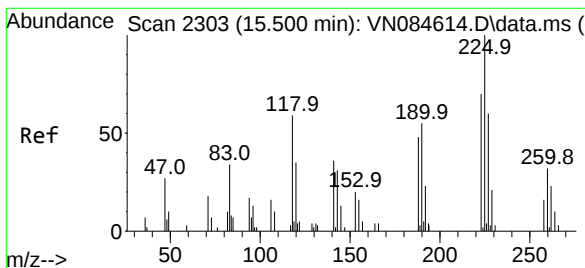
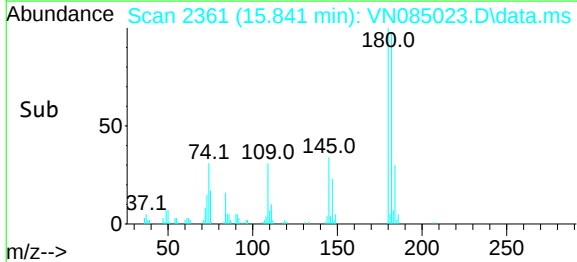
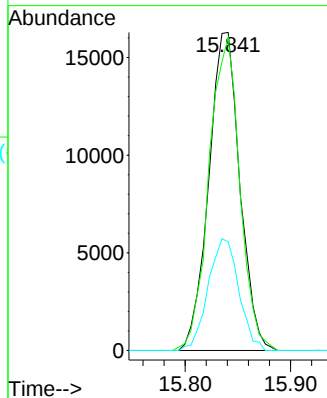
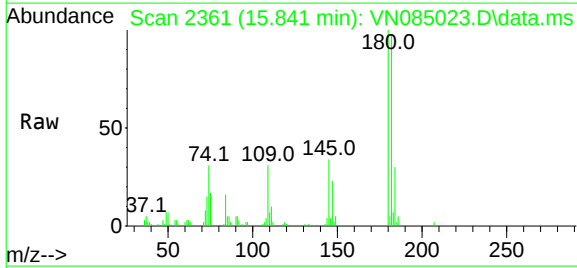
Tgt Ion:	180	Resp:	33344
Ion Ratio	Lower	Upper	
180	100		
182	97.5	73.0	109.6
145	34.7	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#90

Hexachlorobutadiene

Concen: 21.919 ug/l

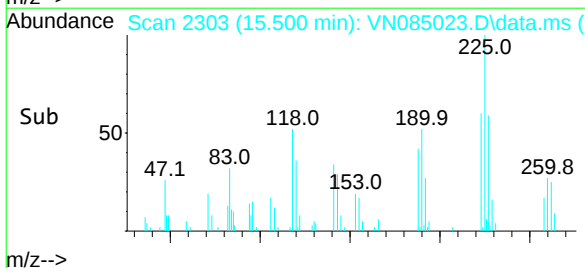
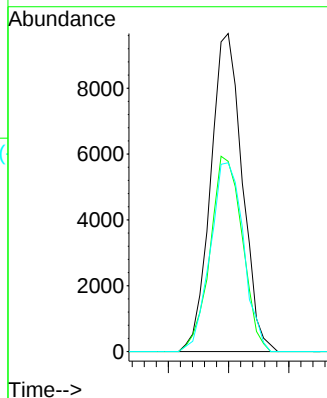
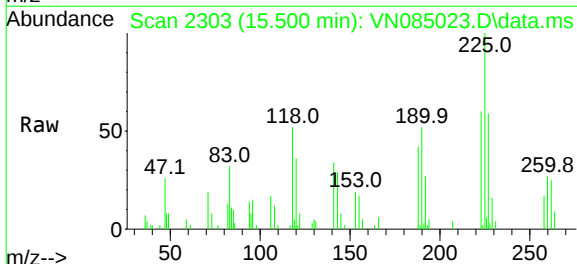
RT: 15.500 min Scan# 2303

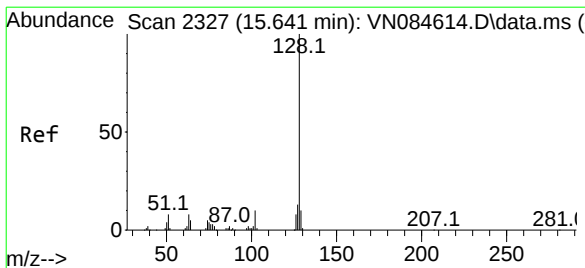
Delta R.T. -0.000 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Tgt Ion:	225	Resp:	17640
Ion Ratio	Lower	Upper	
225	100		
223	62.3	0.0	138.8
227	62.2	0.0	123.2





#91

Naphthalene

Concen: 15.993 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1125WBS01

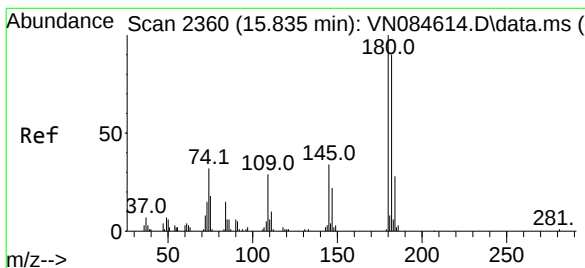
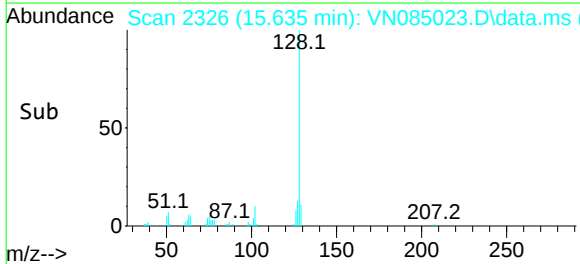
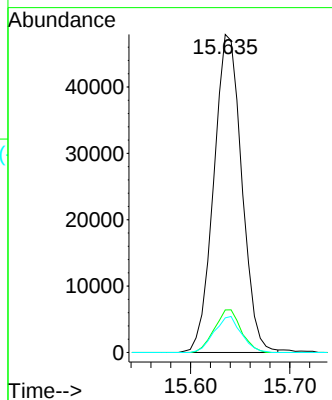
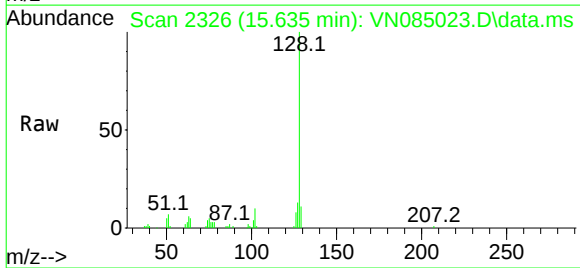
Tgt Ion:	128	Resp:	94098
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/25/2024

Supervised By :Mahesh Dadoda 11/26/2024



#92

1,2,3-Trichlorobenzene

Concen: 18.098 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085023.D

Acq: 25 Nov 2024 11:35

Tgt Ion:	180	Resp:	33344
Ion Ratio	Lower	Upper	
180	100		
182	97.5	0.0	182.6
145	34.7	0.0	66.2

