

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082324\
 Data File : VN083451.D
 Acq On : 23 Aug 2024 11:14
 Operator : JC\MD
 Sample : VN0823WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/26/2024
 Supervised By : Semsettin Yesilyurt 08/26/2024

Quant Time: Aug 23 23:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	137677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113309	57.820	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.640%			
35) Dibromofluoromethane	8.165	113	82674	55.248	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.500%			
50) Toluene-d8	10.565	98	289976	51.948	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.847	95	113906	52.342	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	27023	17.308	ug/l	97
3) Chloromethane	2.359	50	32732	20.478	ug/l	97
4) Vinyl Chloride	2.518	62	34518	21.164	ug/l	98
5) Bromomethane	2.901	94	17971	17.757	ug/l	100
6) Chloroethane	3.071	64	25118	24.615	ug/l	100
7) Trichlorofluoromethane	3.465	101	58880	21.853	ug/l	96
8) Diethyl Ether	3.953	74	21909	21.852	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.359	101	31816	21.418	ug/l	99
10) Methyl Iodide	4.583	142	42019	21.503	ug/l #	97
11) Tert butyl alcohol	5.542	59	36347	89.248	ug/l #	94
12) 1,1-Dichloroethene	4.324	96	31630	20.725	ug/l	87
13) Acrolein	4.177	56	27564	103.848	ug/l	99
14) Allyl chloride	5.006	41	56672	19.650	ug/l	90
15) Acrylonitrile	5.718	53	83751	99.991	ug/l	97
16) Acetone	4.430	43	72834	94.982	ug/l	95
17) Carbon Disulfide	4.695	76	83087	18.606	ug/l	96
18) Methyl Acetate	5.024	43	46086	20.172	ug/l	92
19) Methyl tert-butyl Ether	5.795	73	115191	20.911	ug/l	98
20) Methylene Chloride	5.265	84	35877	20.329	ug/l	85
21) trans-1,2-Dichloroethene	5.777	96	32463	20.580	ug/l	93
22) Diisopropyl ether	6.671	45	119815	22.101	ug/l #	94
23) Vinyl Acetate	6.600	43	587997	105.817	ug/l	96
24) 1,1-Dichloroethane	6.559	63	66610	22.542	ug/l	100
25) 2-Butanone	7.483	43	109596	93.081	ug/l	93
26) 2,2-Dichloropropane	7.483	77	56242	20.495	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	40408	21.229	ug/l	93
28) Bromochloromethane	7.806	49	25801	21.365	ug/l	89
29) Tetrahydrofuran	7.841	42	72634	95.430	ug/l	90
30) Chloroform	7.959	83	69647	22.686	ug/l	97
31) Cyclohexane	8.259	56	57555	19.818	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	64780	22.293	ug/l	95
36) 1,1-Dichloropropene	8.371	75	45600	20.144	ug/l	99
37) Ethyl Acetate	7.559	43	45652	18.012	ug/l #	94
38) Carbon Tetrachloride	8.359	117	54529	21.387	ug/l	98
39) Methylcyclohexane	9.600	83	53235	19.147	ug/l	96
40) Benzene	8.606	78	148246	21.983	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	27091	18.799	ug/l	95
42) 1,2-Dichloroethane	8.671	62	57328	23.337	ug/l	99
43) Isopropyl Acetate	8.688	43	80867	16.944	ug/l #	92
44) Trichloroethene	9.353	130	33601	20.934	ug/l	96
45) 1,2-Dichloropropane	9.618	63	35684	22.292	ug/l	98
46) Dibromomethane	9.706	93	25359	22.133	ug/l	98
47) Bromodichloromethane	9.888	83	54198	21.067	ug/l	97
48) Methyl methacrylate	9.677	41	39631	18.913	ug/l	95
49) 1,4-Dioxane	9.700	88	13363	353.483	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	229896	95.919	ug/l	93
52) Toluene	10.630	92	89854	21.088	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	52271	19.780	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	57654	20.512	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	33326	21.825	ug/l	94
56) Ethyl methacrylate	10.877	69	55123	19.149	ug/l	88
57) 1,3-Dichloropropane	11.165	76	58649	21.549	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	109304	89.830	ug/l	98
59) 2-Hexanone	11.194	43	169577	91.454	ug/l	94
60) Dibromochloromethane	11.359	129	37973	20.569	ug/l	97
61) 1,2-Dibromoethane	11.471	107	32837	20.471	ug/l	94
64) Tetrachloroethene	11.100	164	28181	20.241	ug/l	97
65) Chlorobenzene	11.894	112	93093	20.038	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	33919	20.702	ug/l	98
67) Ethyl Benzene	11.959	91	170627	20.021	ug/l	93
68) m/p-Xylenes	12.071	106	128625	40.290	ug/l	99
69) o-Xylene	12.400	106	63113	20.045	ug/l	100
70) Styrene	12.412	104	103128	19.501	ug/l	97
71) Bromoform	12.576	173	23035	18.558	ug/l #	100
73) Isopropylbenzene	12.694	105	158979	18.231	ug/l	100
74) N-amyl acetate	12.494	43	71264	16.707	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	48928	19.838	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	36028m	15.745	ug/l	
77) Bromobenzene	12.982	156	37703	19.463	ug/l	98
78) n-propylbenzene	13.035	91	181591	18.084	ug/l	99
79) 2-Chlorotoluene	13.123	91	117115	18.397	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	136958	18.760	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	15138	14.391	ug/l	96
82) 4-Chlorotoluene	13.223	91	118732	18.594	ug/l	98
83) tert-Butylbenzene	13.435	119	119349	18.460	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	138275	18.794	ug/l	98
85) sec-Butylbenzene	13.618	105	155876	17.669	ug/l	100
86) p-Isopropyltoluene	13.729	119	131850	18.101	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	69922	19.183	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	71690	19.509	ug/l	96
89) n-Butylbenzene	14.059	91	108510	17.192	ug/l	99
90) Hexachloroethane	14.335	117	25314	17.988	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	69105	19.592	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	9999	16.707	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	33864	17.137	ug/l	98
94) Hexachlorobutadiene	15.500	225	14347	16.325	ug/l	98
95) Naphthalene	15.641	128	112981	16.141	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33573	17.170	ug/l	97

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ClientSampleId :
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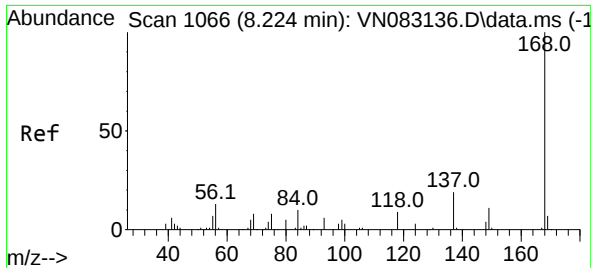
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
Response via : Initial Calibration

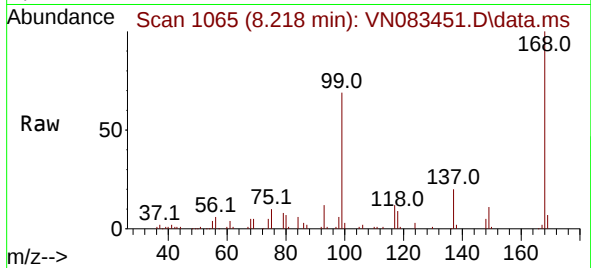
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083451.D
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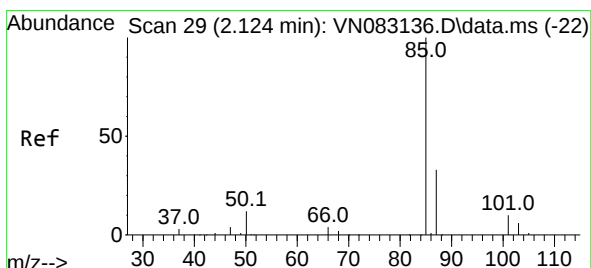
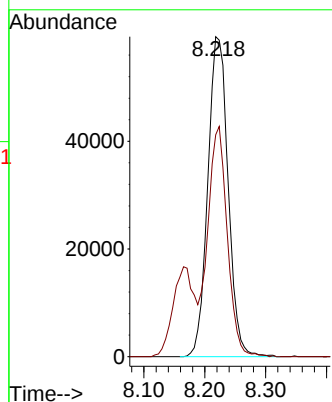
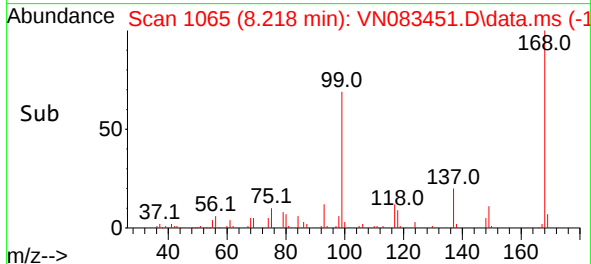
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion:168 Resp: 13767
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4

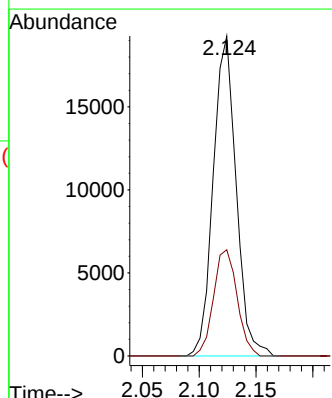
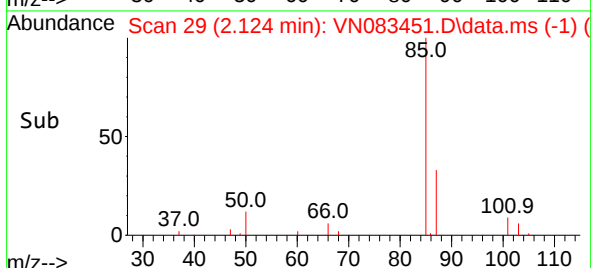
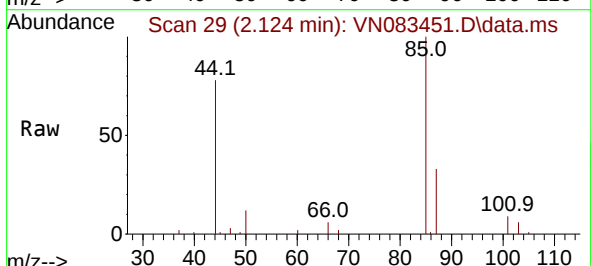
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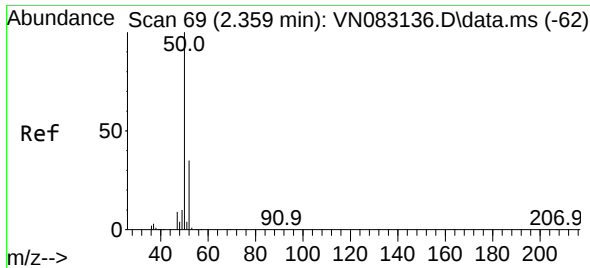
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#2
Dichlorodifluoromethane
Concen: 17.308 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

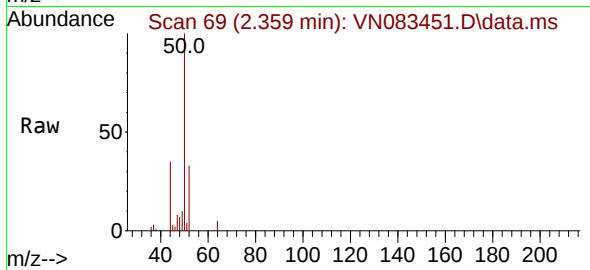
Tgt Ion: 85 Resp: 27023
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





#3
Chloromethane
Concen: 20.478 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

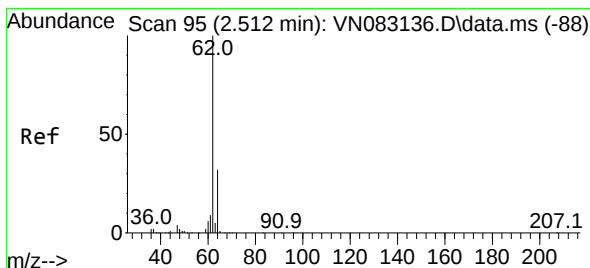
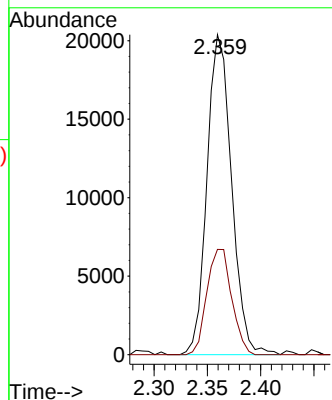
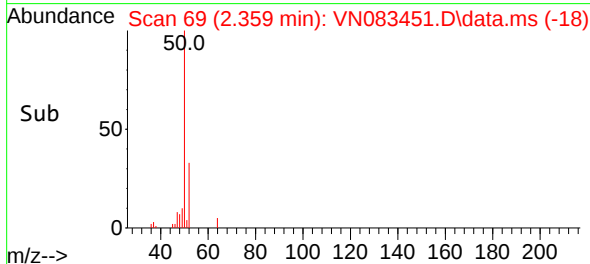
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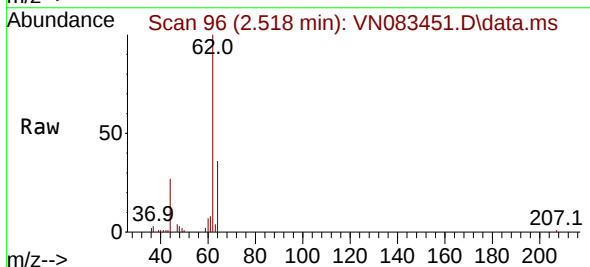
Tgt Ion: 50 Resp: 3273
Ion Ratio Lower Upper
50 100
52 32.9 25.0 37.4

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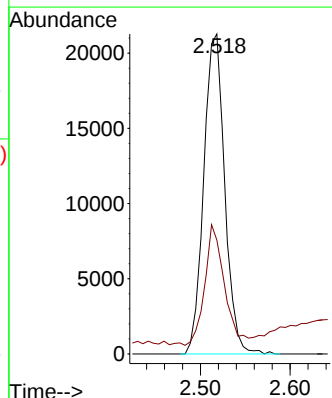
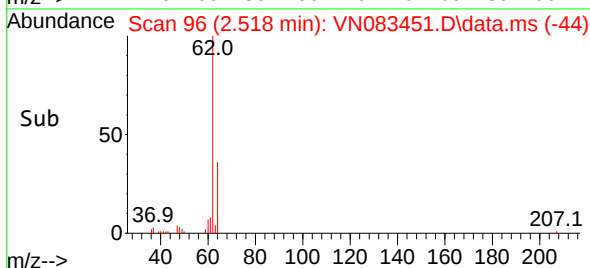
Reviewed By :John Carlone 08/26/2024
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#4
Vinyl Chloride
Concen: 21.164 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



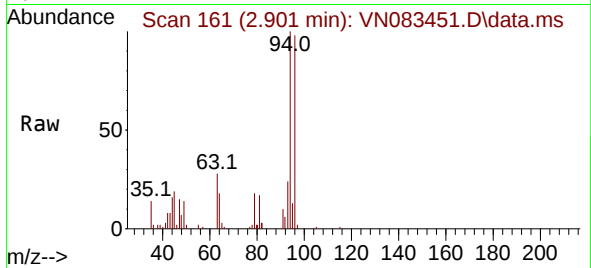
Tgt Ion: 62 Resp: 34518
Ion Ratio Lower Upper
62 100
64 32.2 25.0 37.6





#5
Bromomethane
Concen: 17.757 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

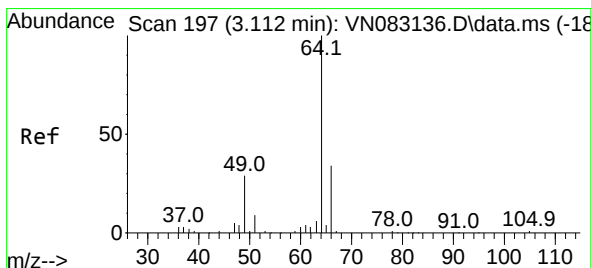
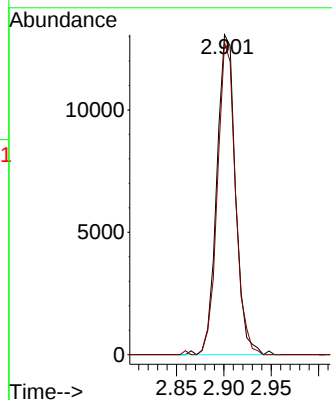
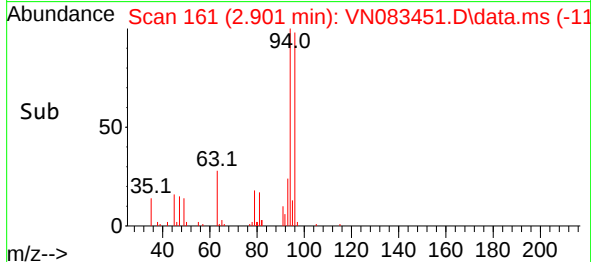
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 1797
Ion Ratio Lower Upper
94 100
96 97.6 78.0 117.0

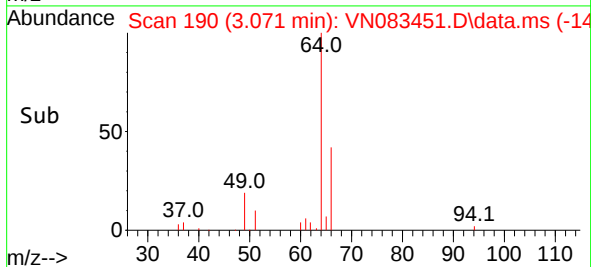
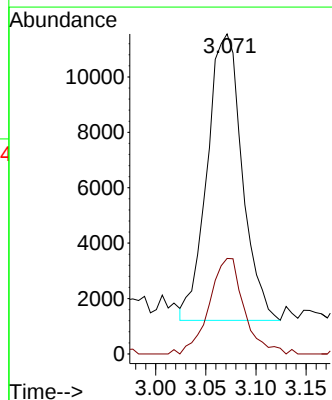
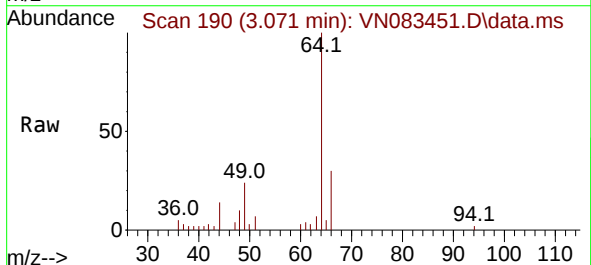
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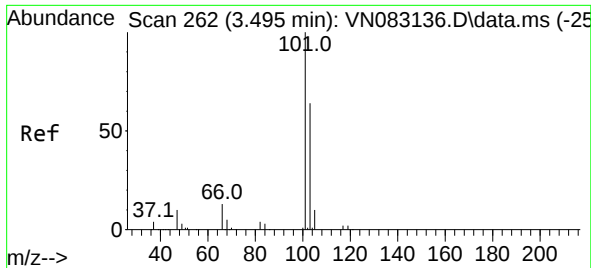
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#6
Chloroethane
Concen: 24.615 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.041 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion: 64 Resp: 25118
Ion Ratio Lower Upper
64 100
66 33.3 26.6 40.0





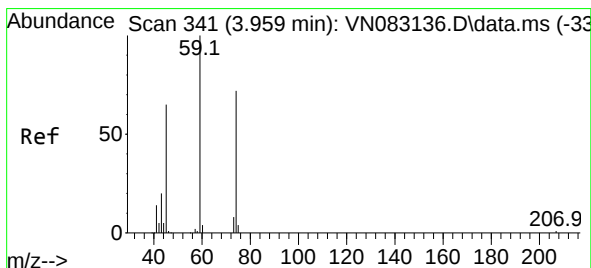
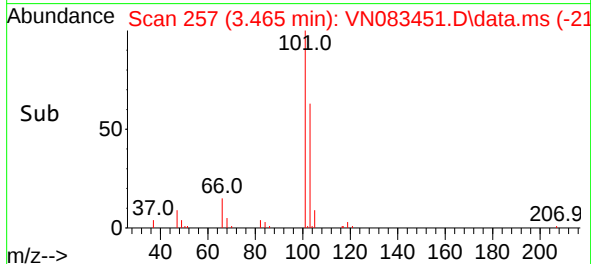
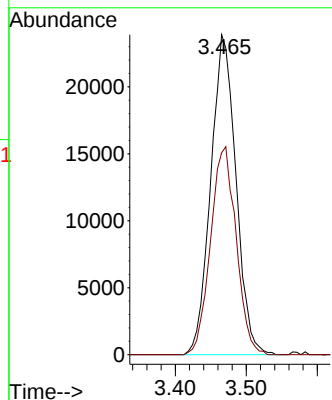
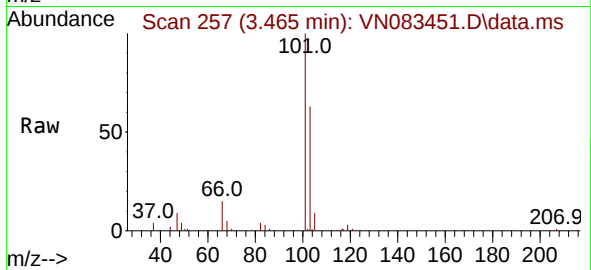
#7
 Trichlorofluoromethane
 Concen: 21.853 ug/l
 RT: 3.465 min Scan# 21
 Delta R.T. -0.030 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14

Instrument :
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Tgt Ion:101 Resp: 5888
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.7 79.1

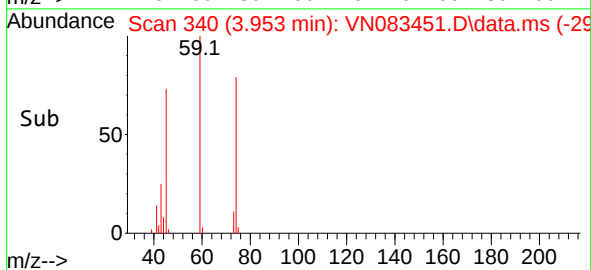
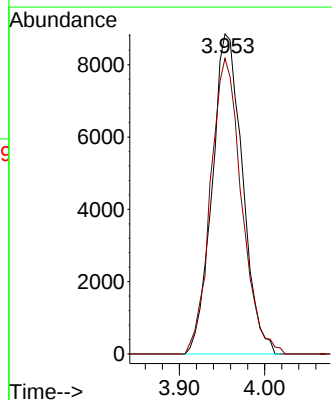
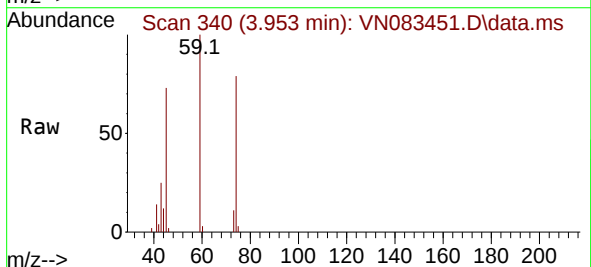
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#8
 Diethyl Ether
 Concen: 21.852 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14

Tgt Ion: 74 Resp: 21909
 Ion Ratio Lower Upper
 74 100
 45 94.4 55.5 166.3





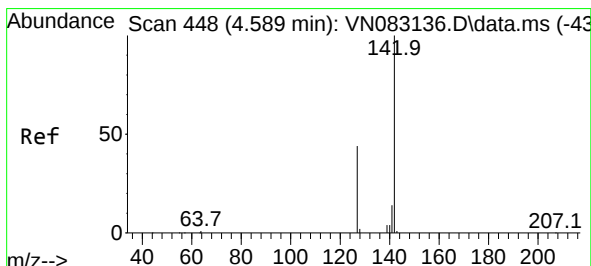
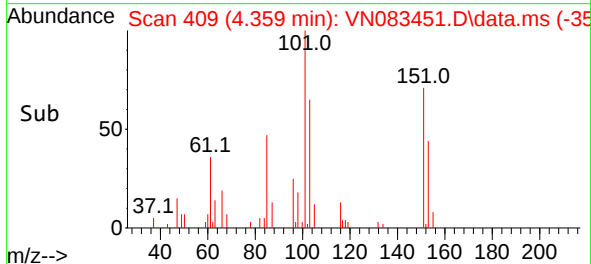
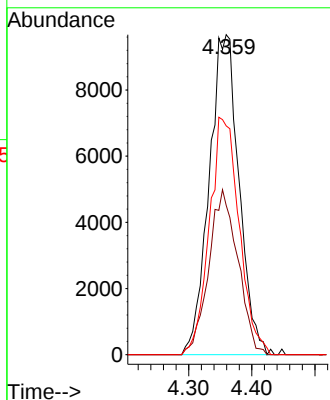
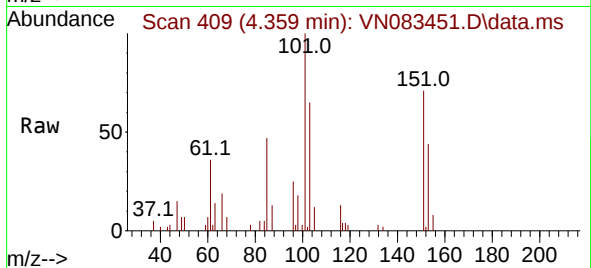
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.418 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN083451.D
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Tgt Ion:101 Resp: 31810
Ion Ratio Lower Upper
101 100
85 50.3 38.3 57.5
151 74.1 59.3 88.9

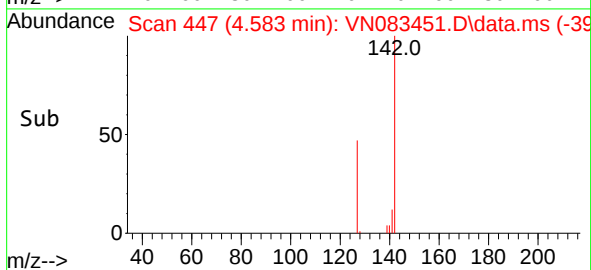
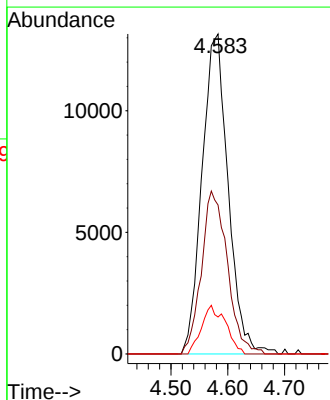
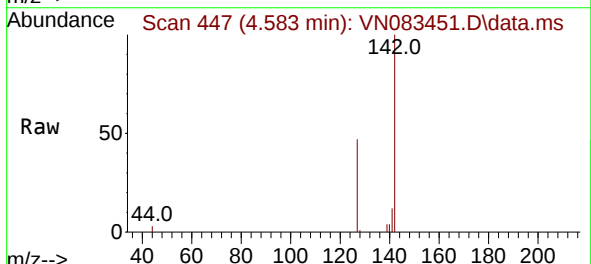
Manual Integrations
APPROVED

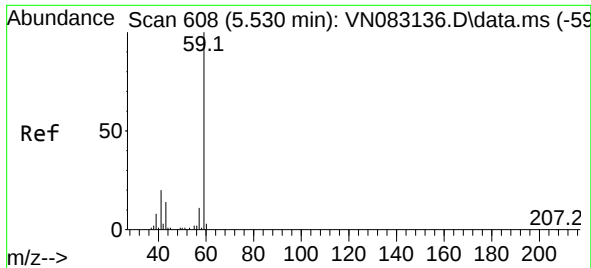
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#10
Methyl Iodide
Concen: 21.503 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

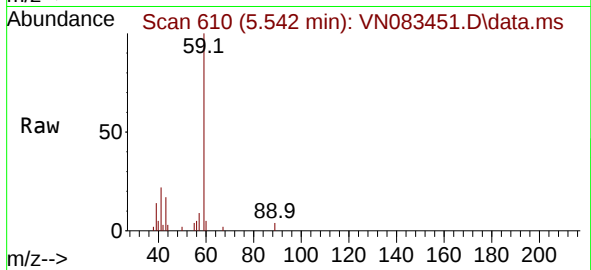
Tgt Ion:142 Resp: 42019
Ion Ratio Lower Upper
142 100
127 46.6 37.5 56.3
141 11.6 13.1 19.7#





#11
Tert butyl alcohol
Concen: 89.248 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

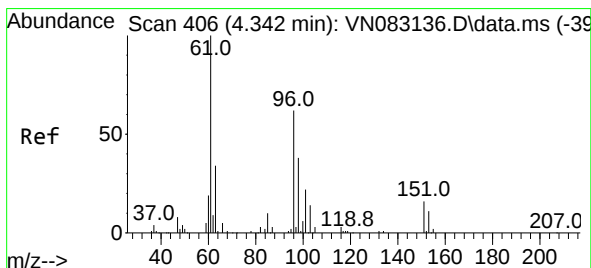
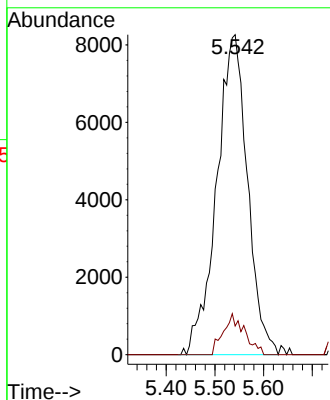
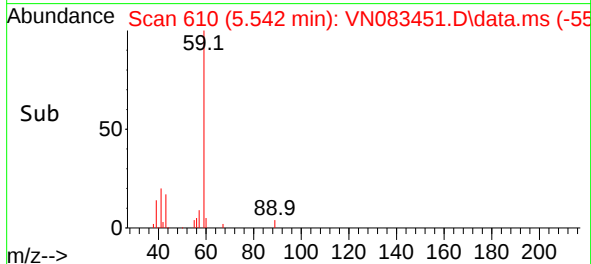
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 59 Resp: 3634
Ion Ratio Lower Upper
59 100
57 8.9 8.9 13.3

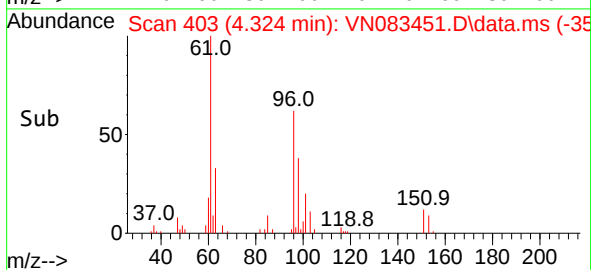
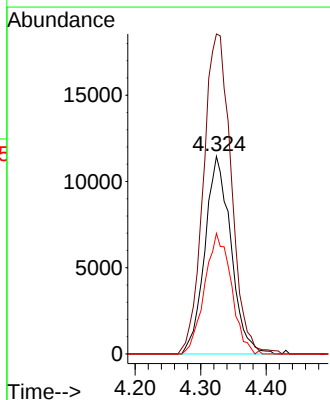
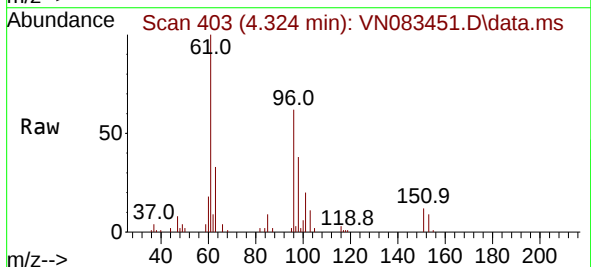
Manual Integrations
APPROVED

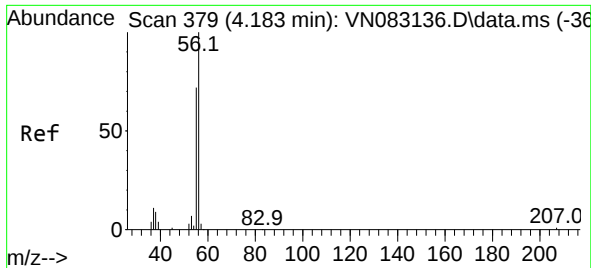
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#12
1,1-Dichloroethene
Concen: 20.725 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.018 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion: 96 Resp: 31630
Ion Ratio Lower Upper
96 100
61 161.9 149.7 224.5
98 61.1 50.1 75.1





#13

Acrolein

Concen: 103.848 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

Tgt Ion: 56 Resp: 27564

Ion Ratio Lower Upper

56 100

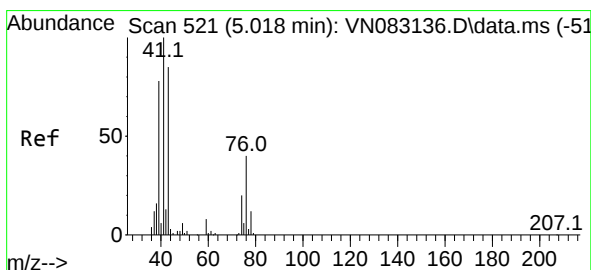
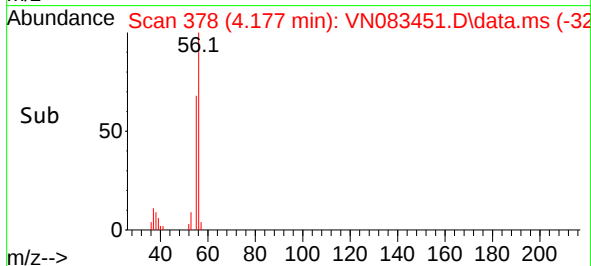
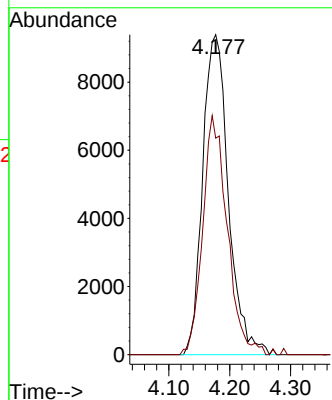
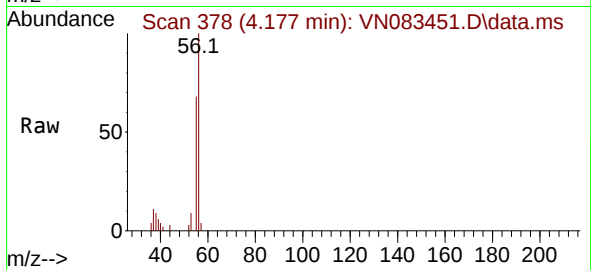
55 71.2 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#14

Allyl chloride

Concen: 19.650 ug/l

RT: 5.006 min Scan# 519

Delta R.T. -0.012 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

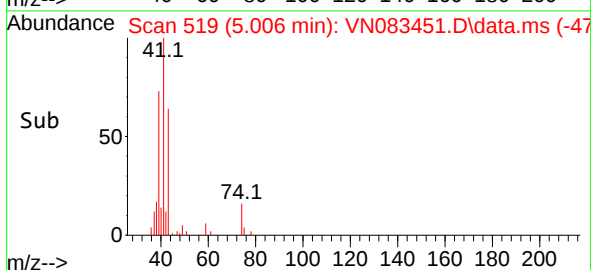
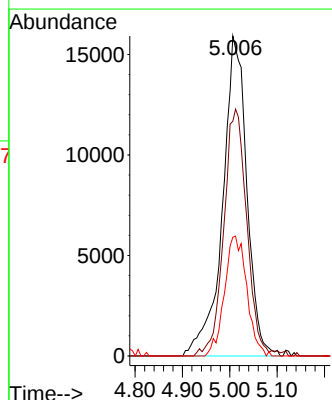
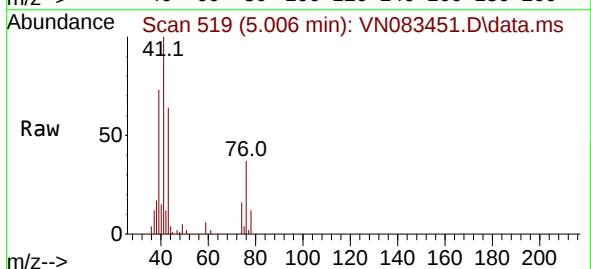
Tgt Ion: 41 Resp: 56672

Ion Ratio Lower Upper

41 100

39 73.4 67.8 101.6

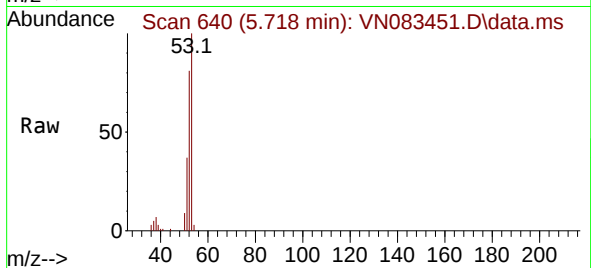
76 34.6 25.8 38.8





#15
Acrylonitrile
Concen: 99.991 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

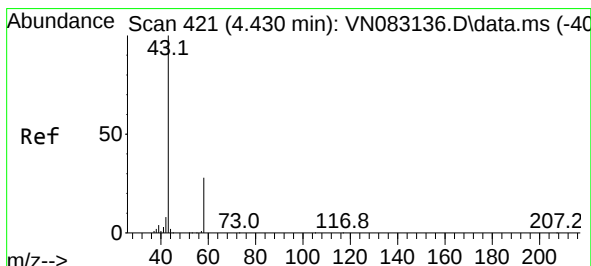
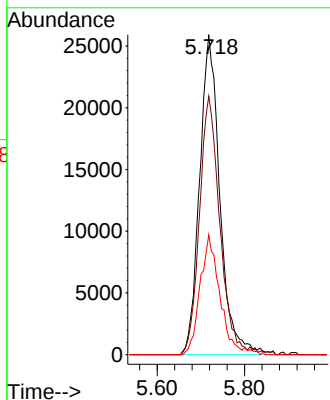
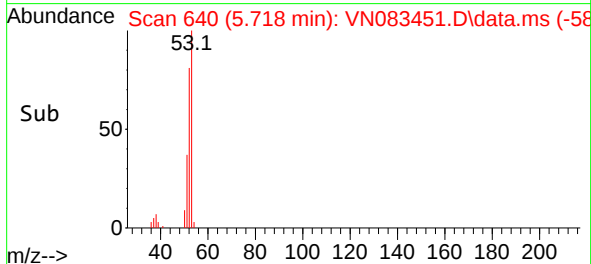
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 53 Resp: 8375
Ion Ratio Lower Upper
53 100
52 80.2 66.6 100.0
51 35.8 30.1 45.1

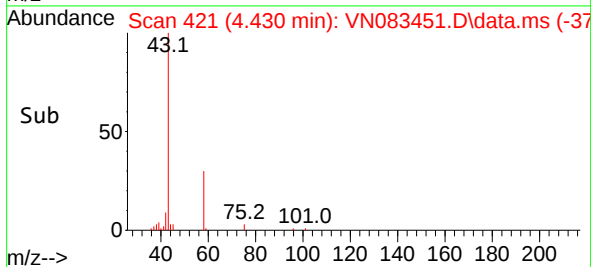
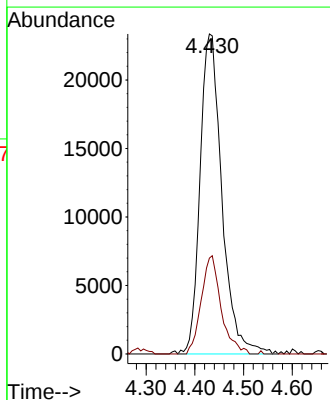
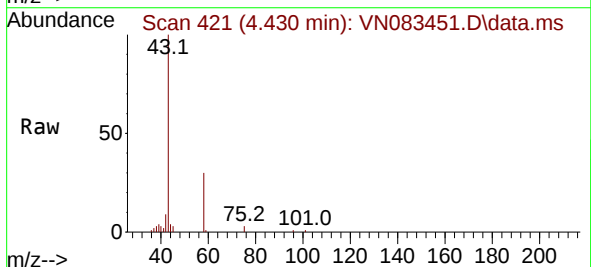
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#16
Acetone
Concen: 94.982 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

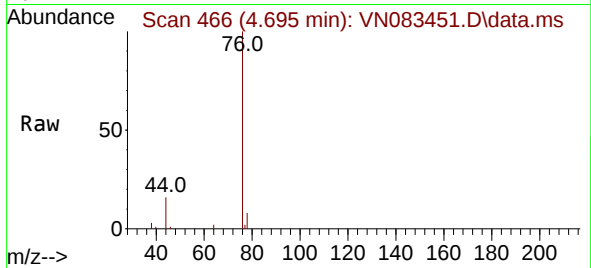
Tgt Ion: 43 Resp: 72834
Ion Ratio Lower Upper
43 100
58 30.0 21.8 32.6





#17
Carbon Disulfide
Concen: 18.606 ug/l
RT: 4.695 min Scan# 466
Delta R.T. -0.018 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

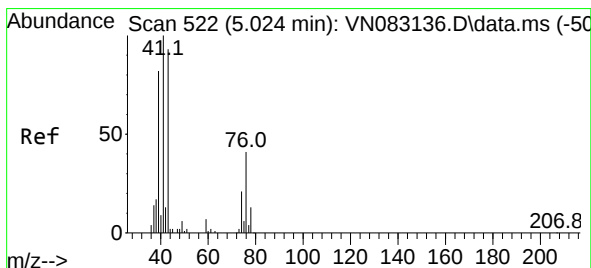
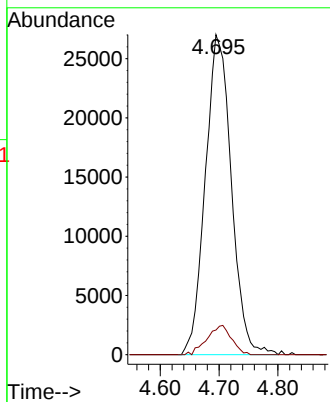
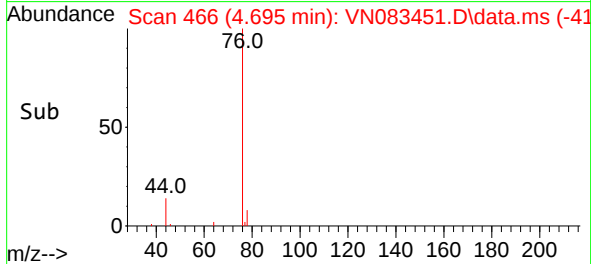
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 76 Resp: 8308
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

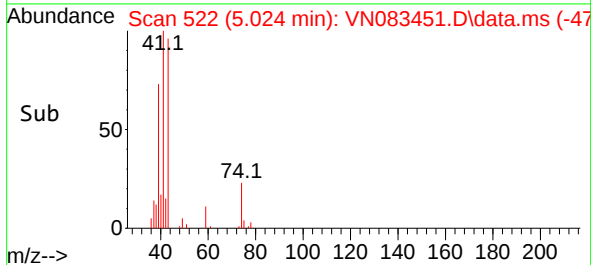
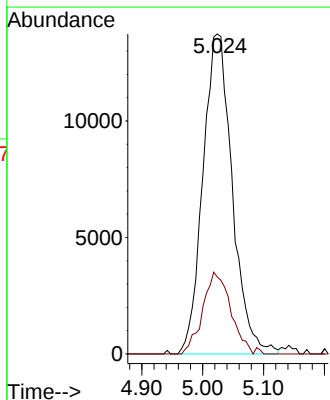
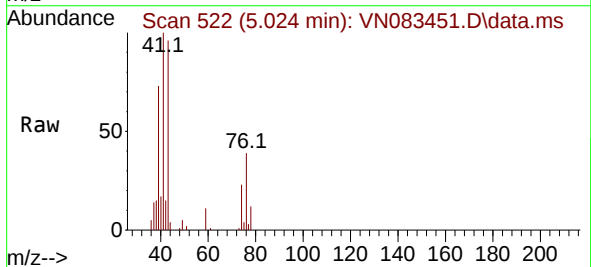
Manual Integrations
APPROVED

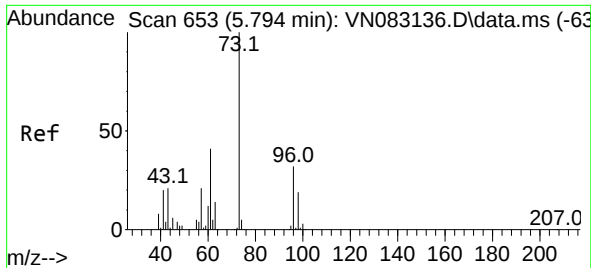
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#18
Methyl Acetate
Concen: 20.172 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

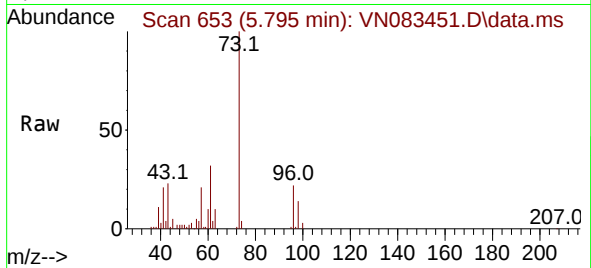
Tgt Ion: 43 Resp: 46086
Ion Ratio Lower Upper
43 100
74 24.2 16.3 24.5





#19
Methyl tert-butyl Ether
Concen: 20.911 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

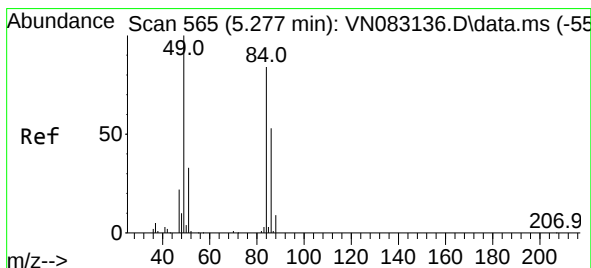
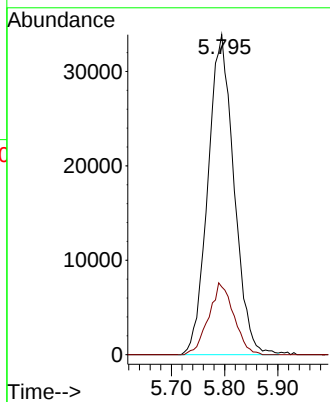
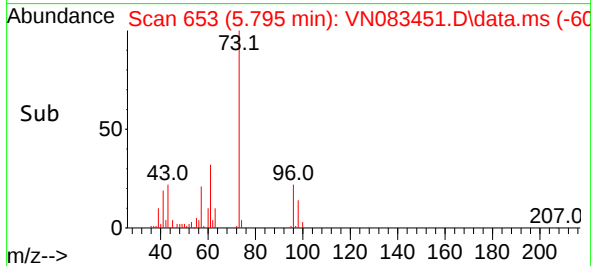
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 73 Resp: 11519
Ion Ratio Lower Upper
73 100
57 21.2 17.9 26.9

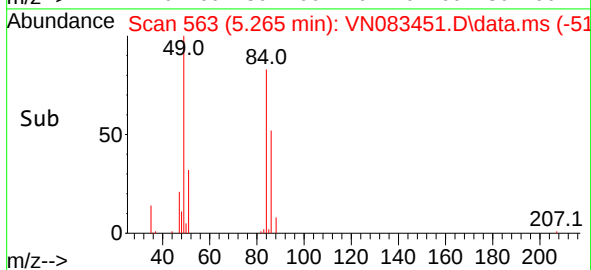
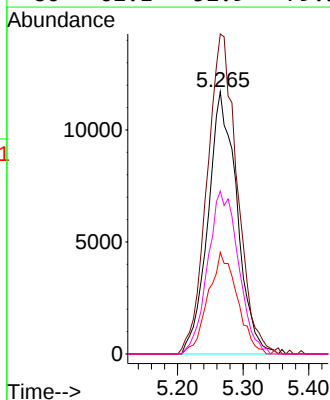
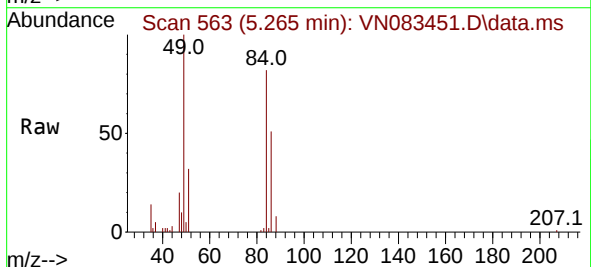
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#20
Methylene Chloride
Concen: 20.329 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.012 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

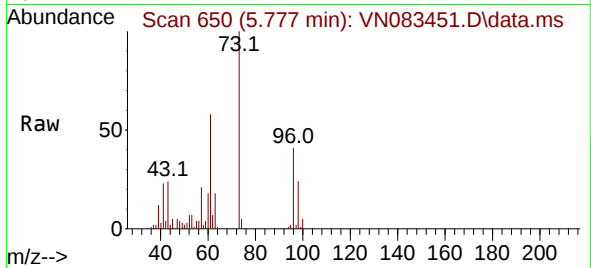
Tgt Ion: 84 Resp: 35877
Ion Ratio Lower Upper
84 100
49 122.0 119.6 179.4
51 38.7 34.8 52.2
86 62.1 52.9 79.3





#21
trans-1,2-Dichloroethene
Concen: 20.580 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

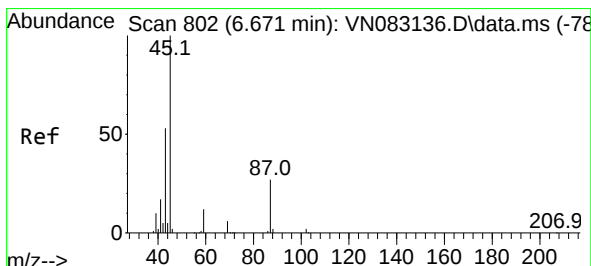
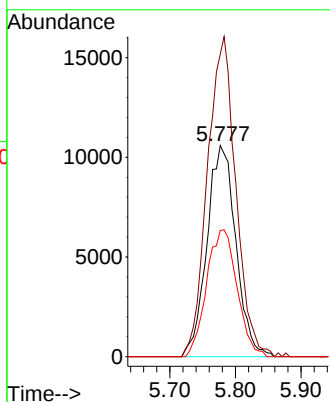
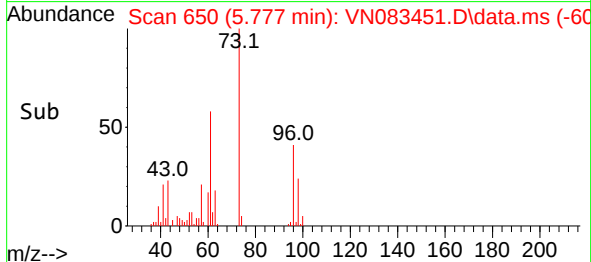
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 96 Resp: 3246
Ion Ratio Lower Upper
96 100
61 143.2 123.4 185.2
98 59.7 49.3 73.9

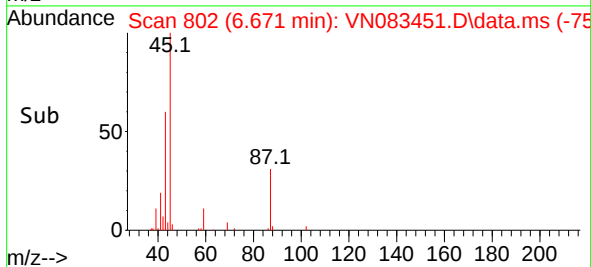
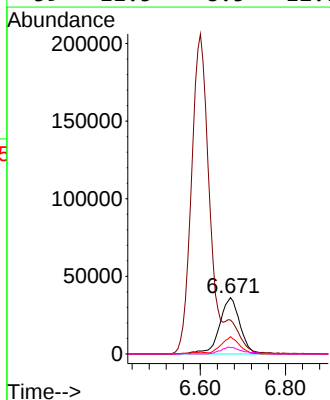
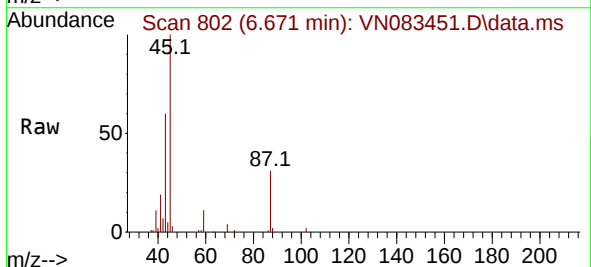
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#22
Diisopropyl ether
Concen: 22.101 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion: 45 Resp: 119815
Ion Ratio Lower Upper
45 100
43 58.3 44.0 66.0
87 30.7 19.7 29.5#
59 11.5 8.5 12.7





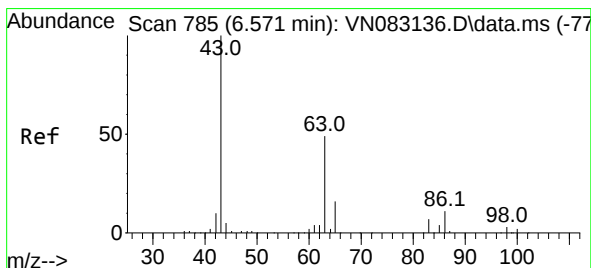
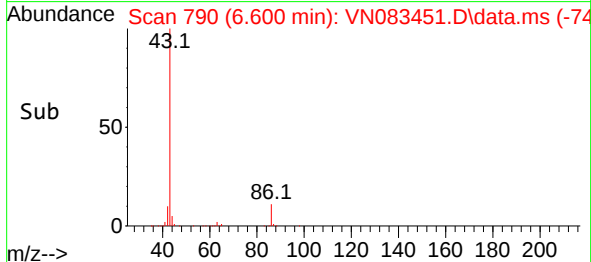
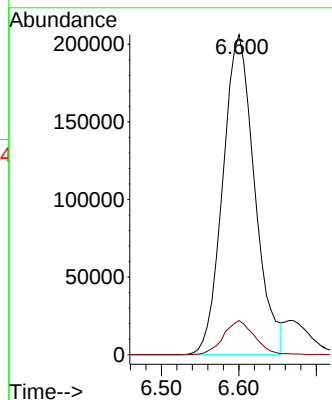
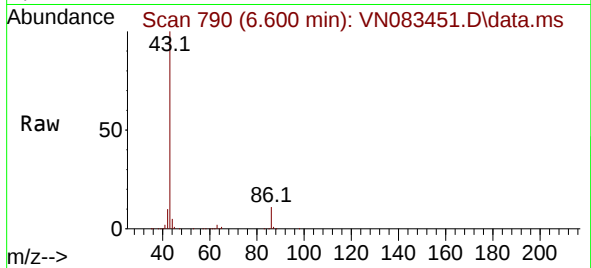
#23
 Vinyl Acetate
 Concen: 105.817 ug/l
 RT: 6.600 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS02

Tgt Ion: 43 Resp: 58799
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.3 10.9

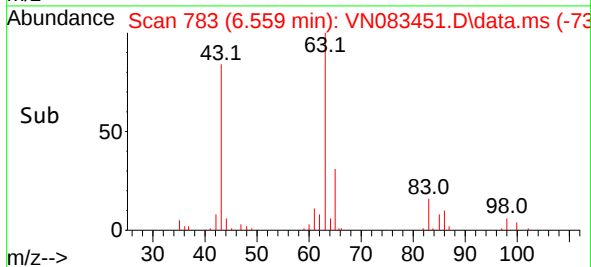
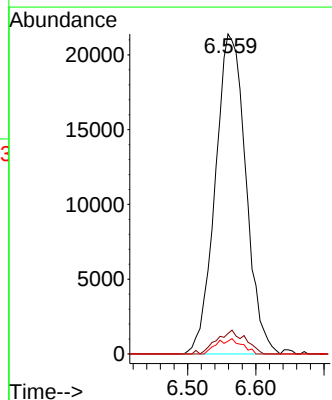
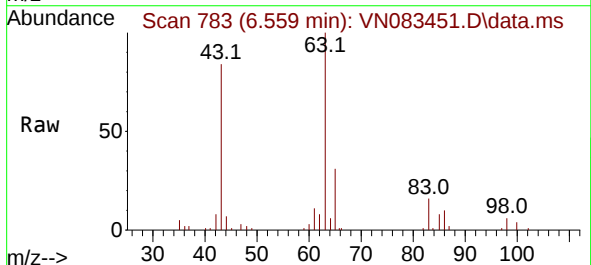
Manual Integrations
 APPROVED

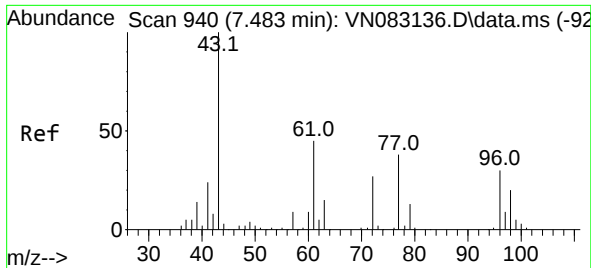
Reviewed By :John Carlone 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024



#24
 1,1-Dichloroethane
 Concen: 22.542 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.012 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14

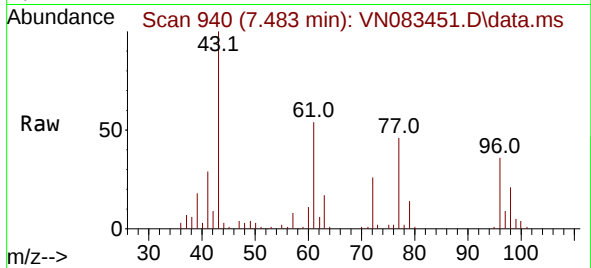
Tgt Ion: 63 Resp: 66610
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.3 9.9
 100 4.0 2.0 6.0





#25
2-Butanone
Concen: 93.081 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

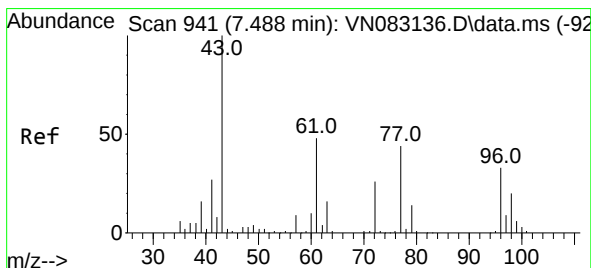
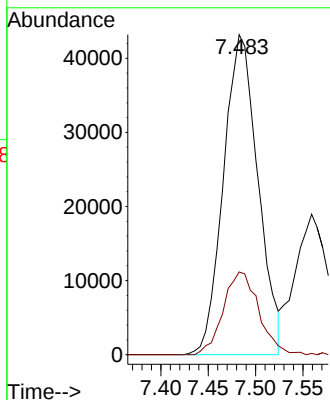
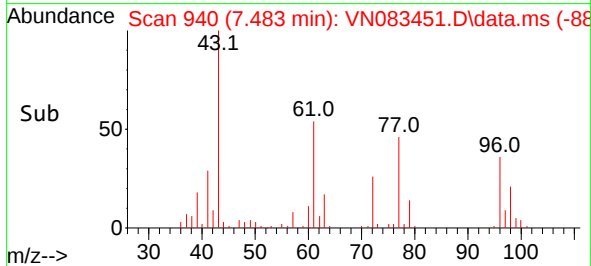
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 43 Resp: 109590
Ion Ratio Lower Upper
43 100
72 25.9 18.2 27.2

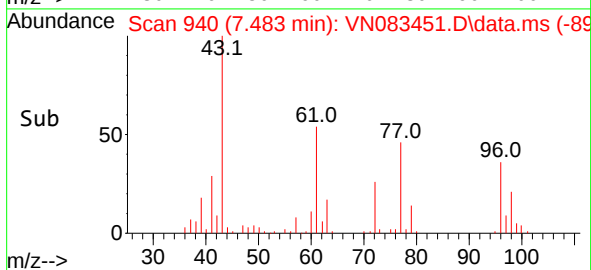
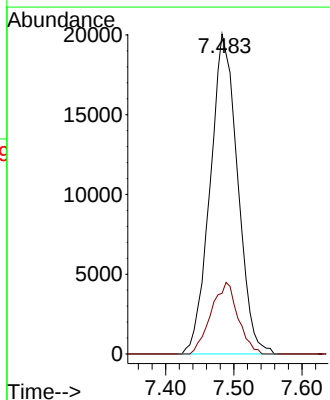
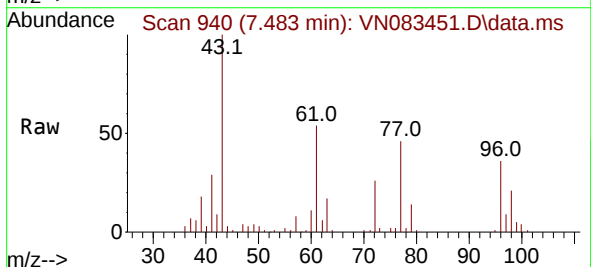
Manual Integrations
APPROVED

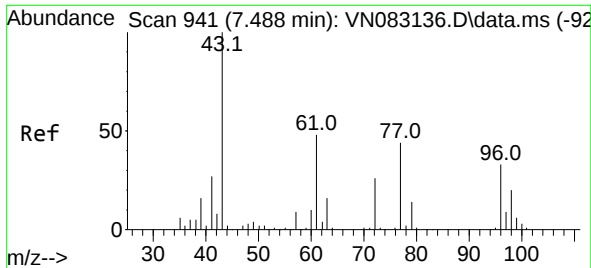
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#26
2,2-Dichloropropane
Concen: 20.495 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

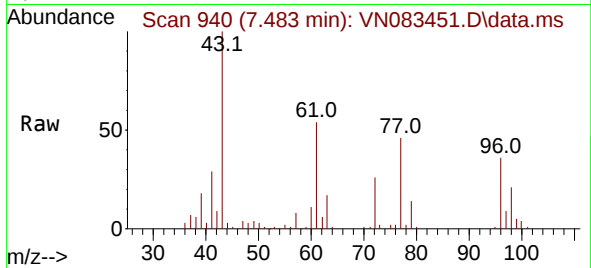
Tgt Ion: 77 Resp: 56242
Ion Ratio Lower Upper
77 100
97 21.9 10.3 30.9





#27
cis-1,2-Dichloroethene
Concen: 21.229 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

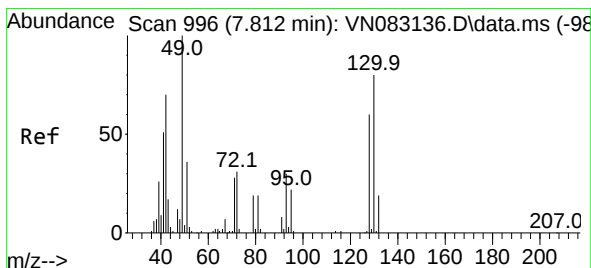
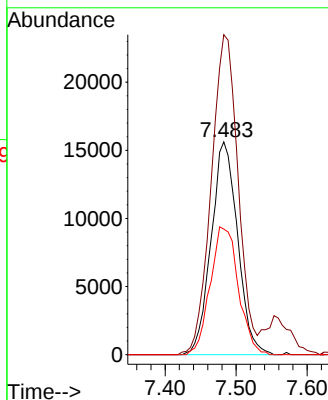
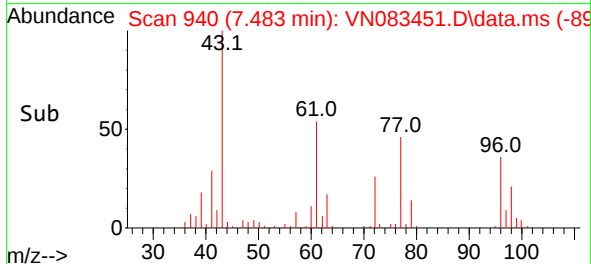
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 96 Resp: 40408
Ion Ratio Lower Upper
96 100
61 152.5 0.0 329.6
98 63.9 0.0 128.6

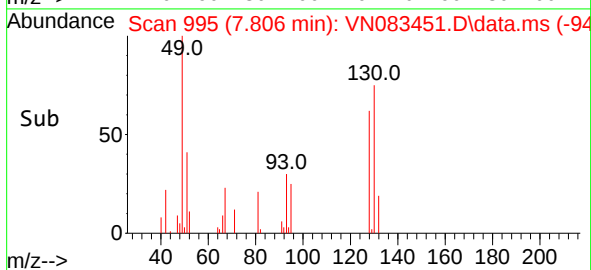
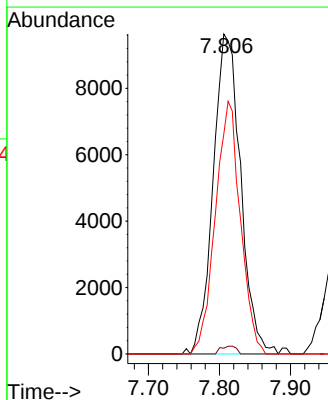
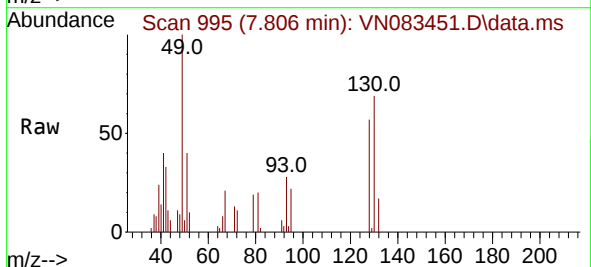
Manual Integrations
APPROVED

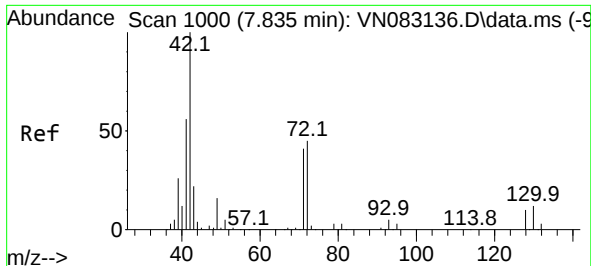
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#28
Bromochloromethane
Concen: 21.365 ug/l
RT: 7.806 min Scan# 995
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion: 49 Resp: 25801
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.8
130 72.1 50.5 75.7





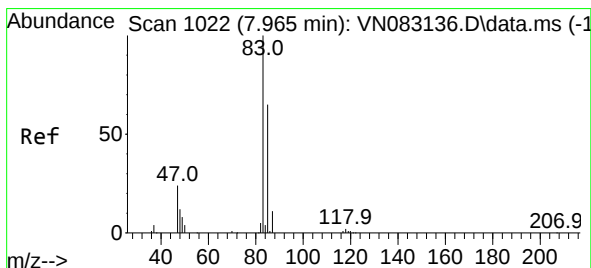
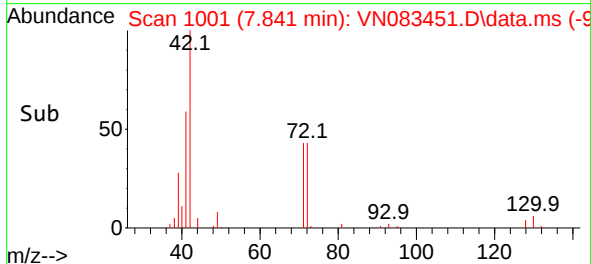
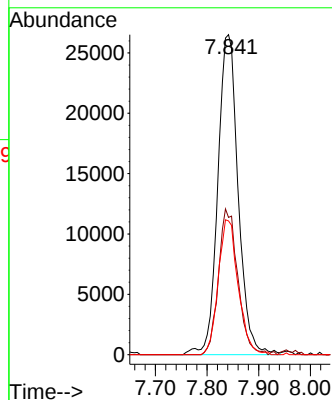
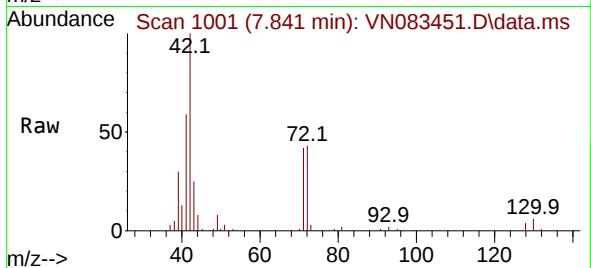
#29
Tetrahydrofuran
Concen: 95.430 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02

Tgt Ion: 42 Resp: 72634
Ion Ratio Lower Upper
42 100
72 43.1 30.0 45.0
71 41.2 28.3 42.5

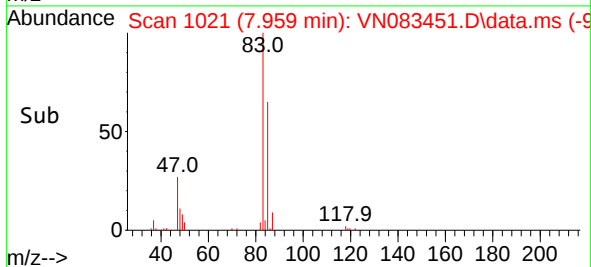
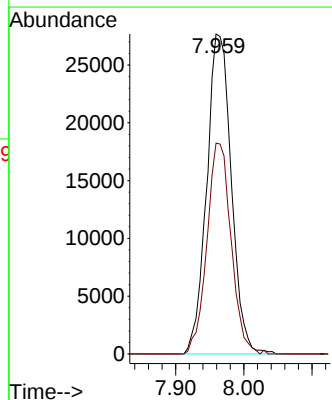
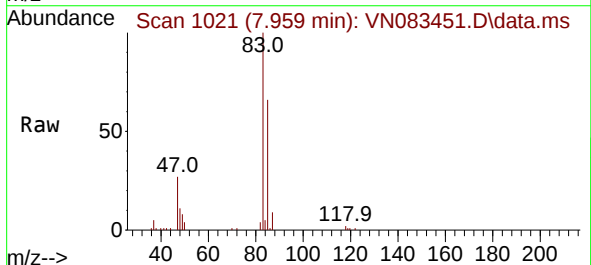
Manual Integrations
APPROVED

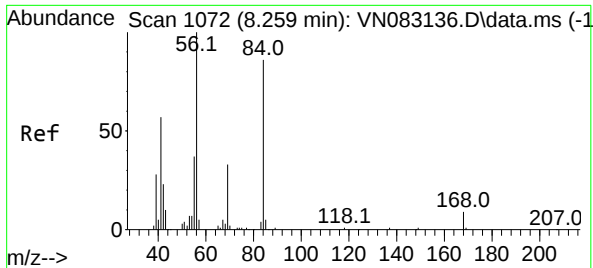
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#30
Chloroform
Concen: 22.686 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

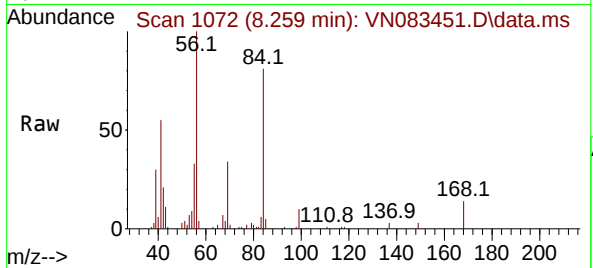
Tgt Ion: 83 Resp: 69647
Ion Ratio Lower Upper
83 100
85 65.9 50.9 76.3





#31
Cyclohexane
Concen: 19.818 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

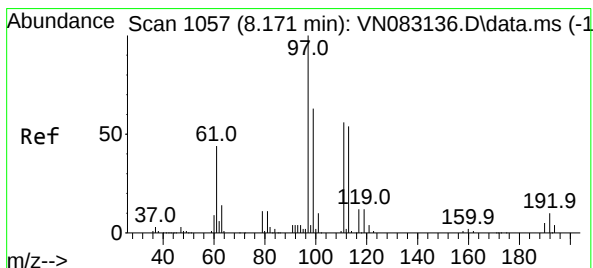
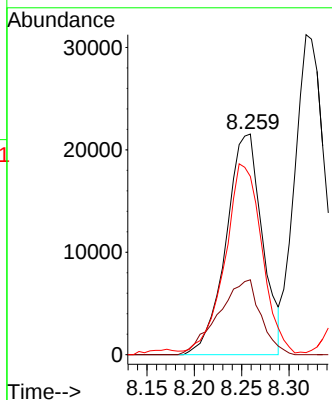
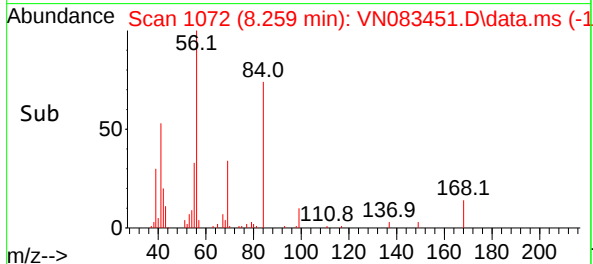
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



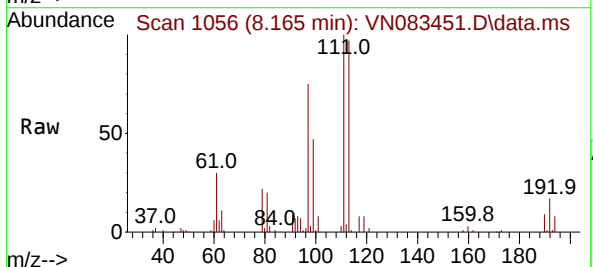
Tgt Ion: 56 Resp: 5755
Ion Ratio Lower Upper
56 100
69 34.0 24.5 36.7
84 79.2 66.0 99.0

Manual Integrations
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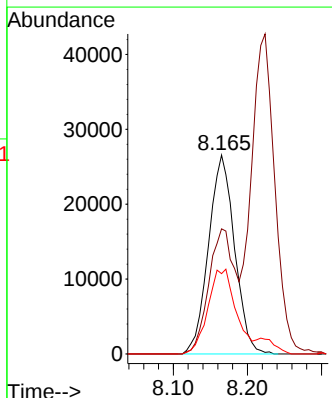
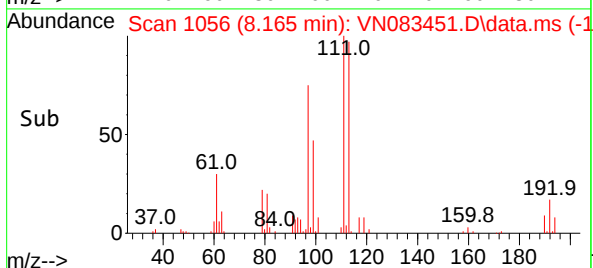
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

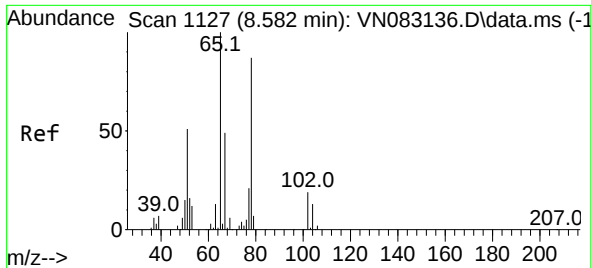


#32
1,1,1-Trichloroethane
Concen: 22.293 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



Tgt Ion: 97 Resp: 64780
Ion Ratio Lower Upper
97 100
99 62.8 52.0 78.0
61 46.9 42.1 63.1





#33

1,2-Dichloroethane-d4

Concen: 57.820 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.005 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

Tgt Ion: 65 Resp: 113309

Ion Ratio Lower Upper

65 100

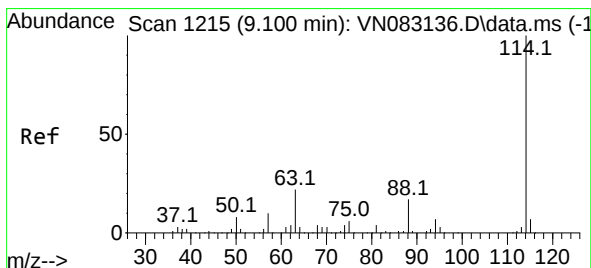
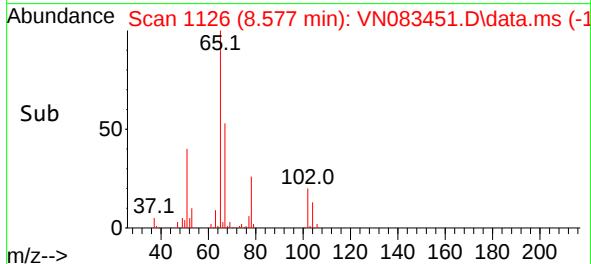
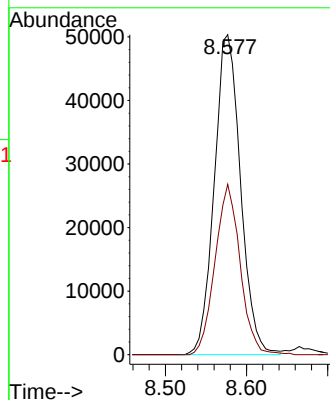
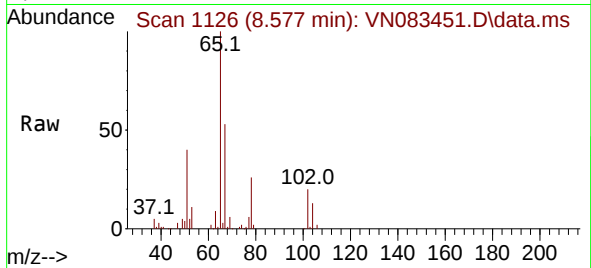
67 50.9 0.0 104.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

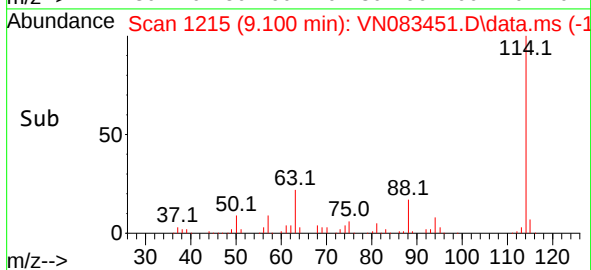
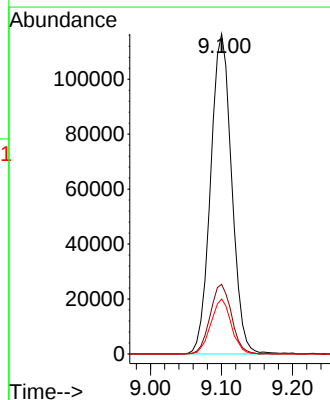
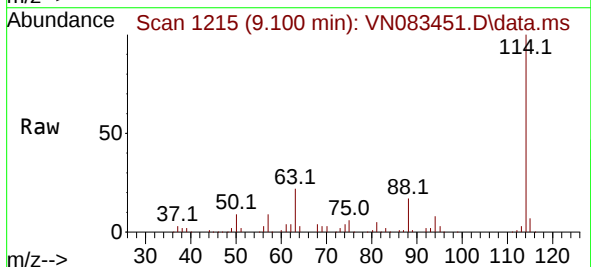
Tgt Ion:114 Resp: 239743

Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.6

88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.248 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

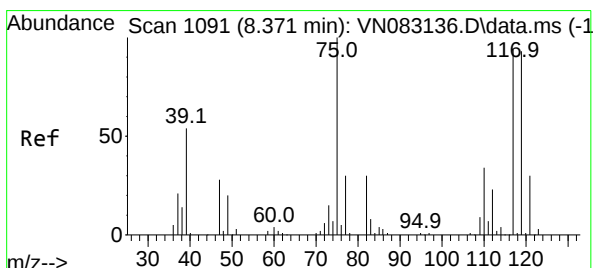
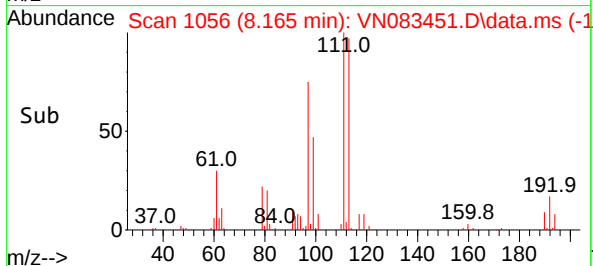
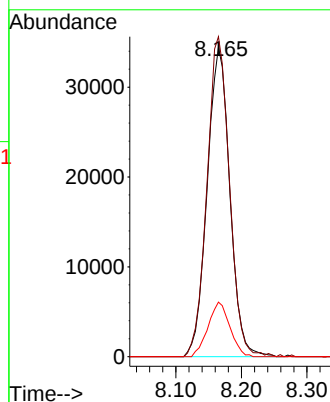
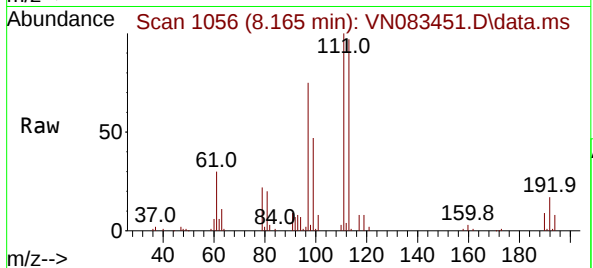
Tgt Ion:	113	Resp:	82674
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.4	123.6
192	17.0	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#36

1,1-Dichloropropene

Concen: 20.144 ug/l

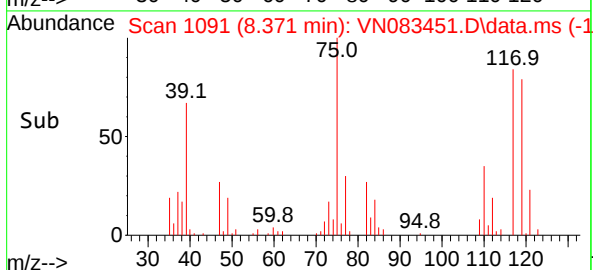
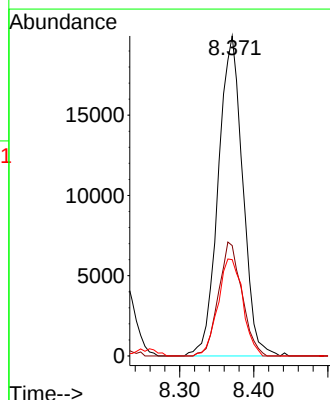
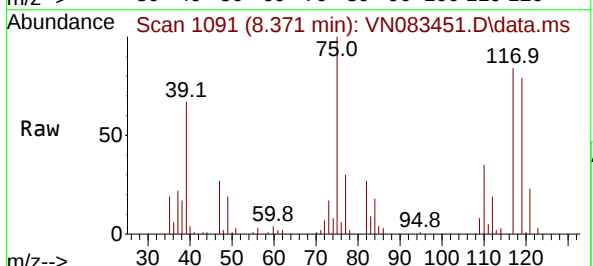
RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Tgt Ion:	75	Resp:	45600
Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.3	48.9
77	30.8	24.6	37.0





#37

Ethyl Acetate

Concen: 18.012 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN083451.D

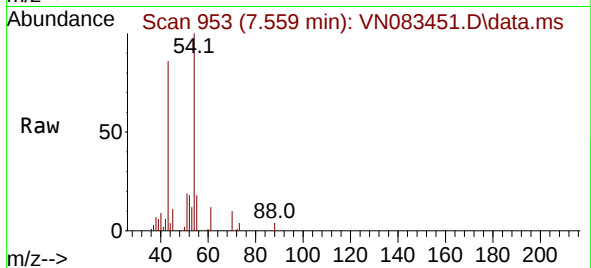
Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02



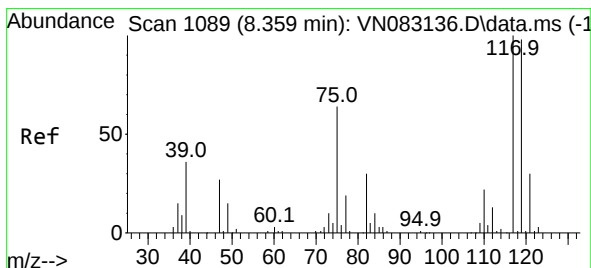
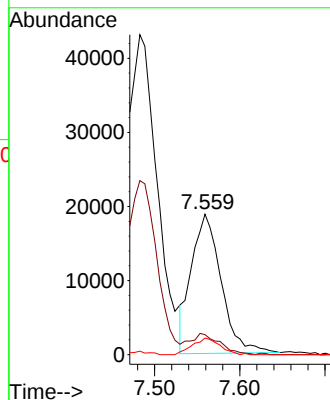
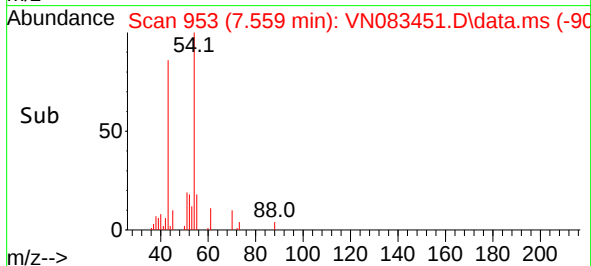
Tgt Ion:	43	Resp:	4565
Ion Ratio	Lower	Upper	
43	100		
61	14.0	9.3	13.9
70	11.0	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#38

Carbon Tetrachloride

Concen: 21.387 ug/l

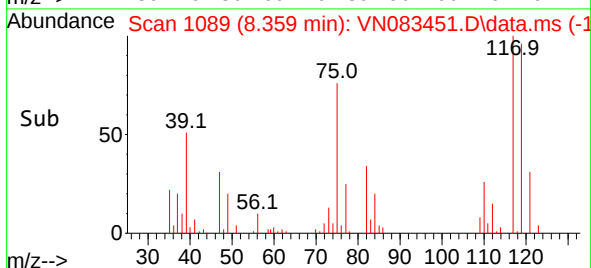
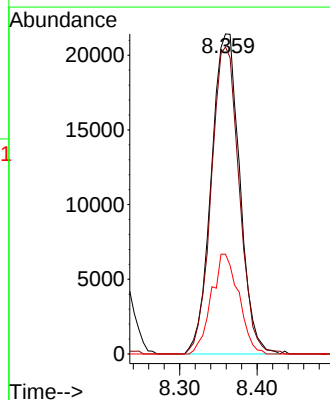
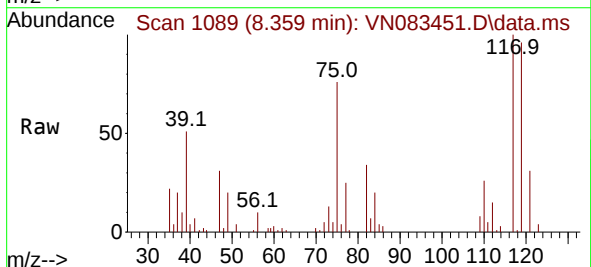
RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Tgt Ion:	117	Resp:	54529
Ion Ratio	Lower	Upper	
117	100		
119	96.0	74.9	112.3
121	31.2	24.3	36.5





#39

Methylcyclohexane

Concen: 19.147 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

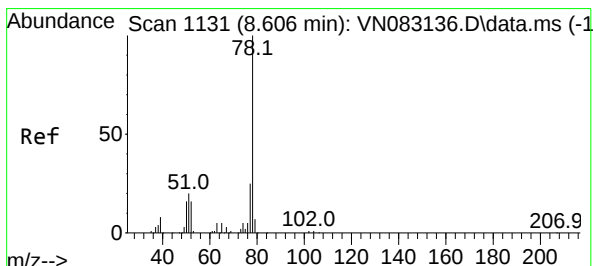
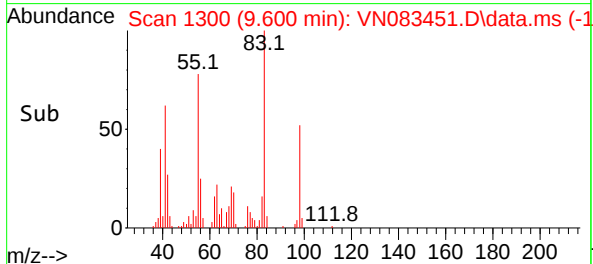
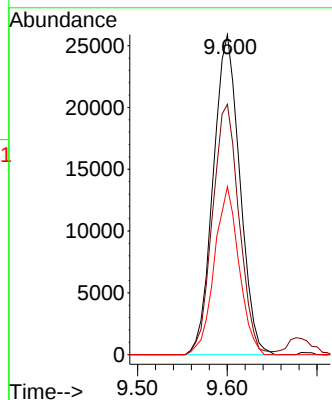
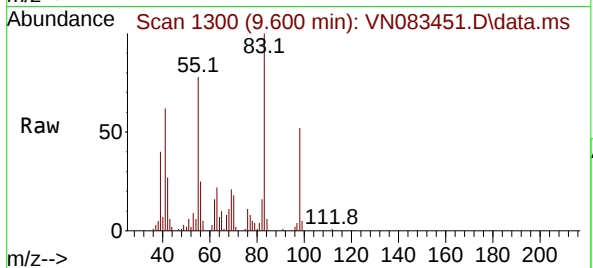
Tgt Ion:	83	Resp:	5323
Ion Ratio	Lower	Upper	
83	100		
55	78.3	66.4	99.6
98	52.5	40.7	61.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#40

Benzene

Concen: 21.983 ug/l

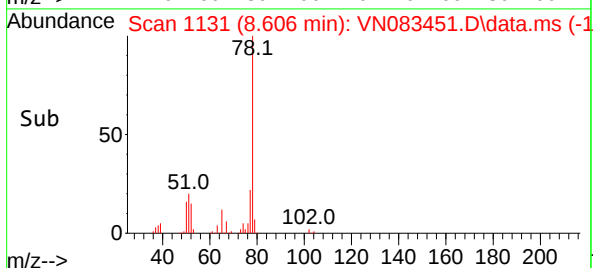
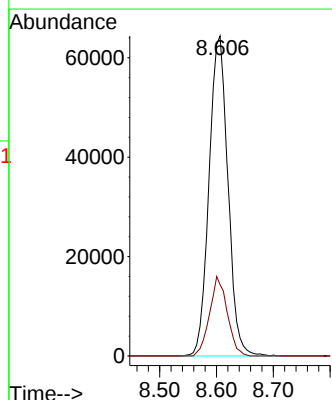
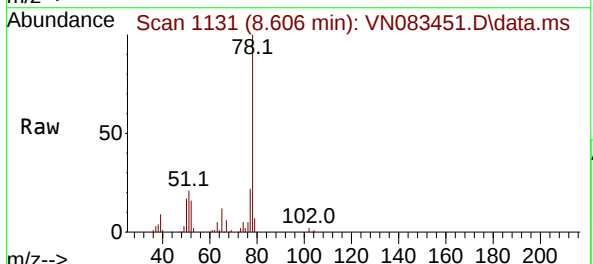
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

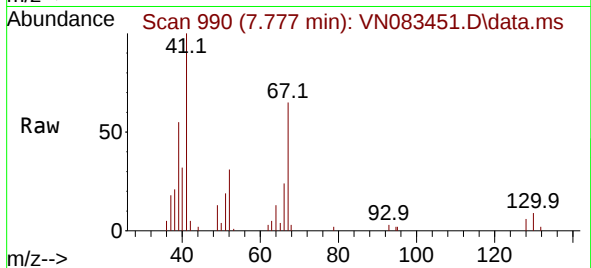
Tgt Ion:	78	Resp:	148246
Ion Ratio	Lower	Upper	
78	100		
77	22.3	19.0	28.4





#41
Methacrylonitrile
Concen: 18.799 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

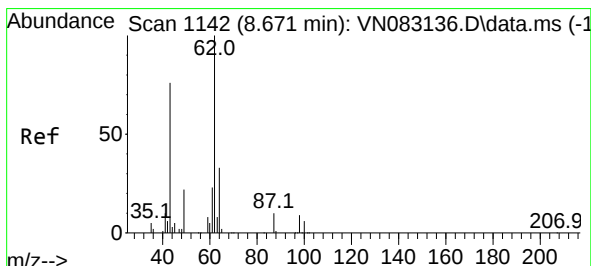
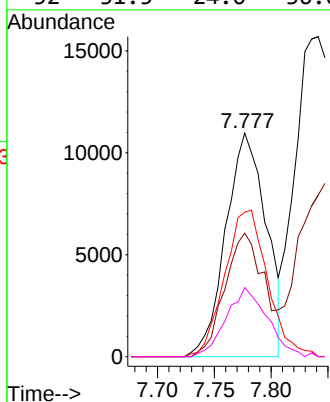
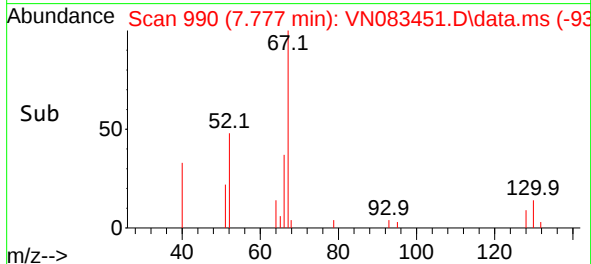
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 41 Resp: 2709
Ion Ratio Lower Upper
41 100
39 54.7 45.5 68.3
67 69.5 50.5 75.7
52 31.5 24.0 36.0

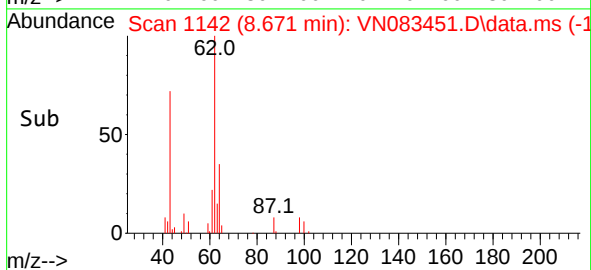
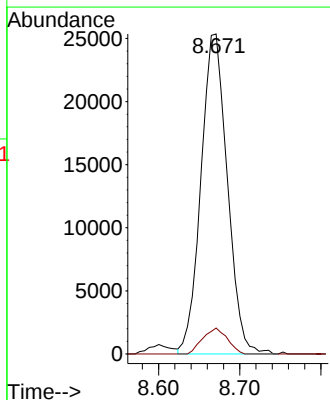
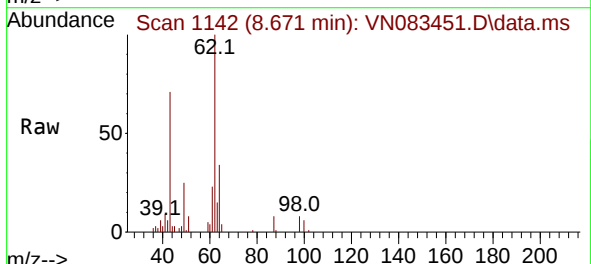
Manual Integrations
APPROVED

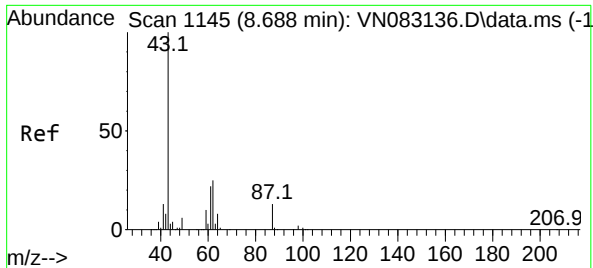
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#42
1,2-Dichloroethane
Concen: 23.337 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

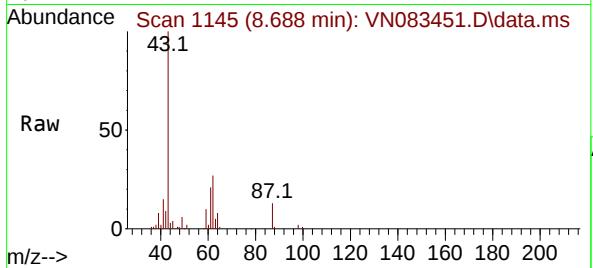
Tgt Ion: 62 Resp: 57328
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.8





#43
Isopropyl Acetate
Concen: 16.944 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

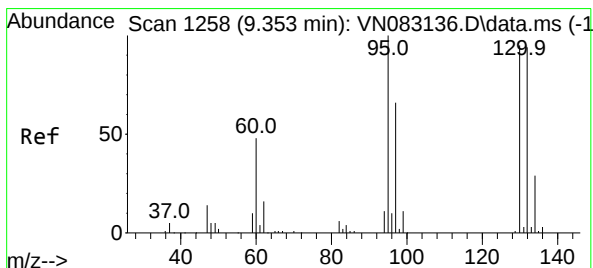
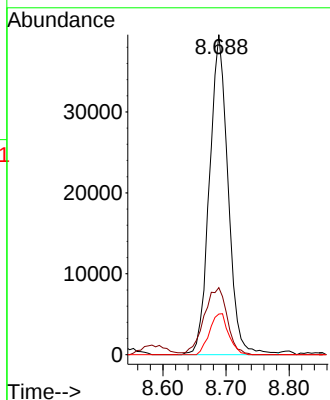
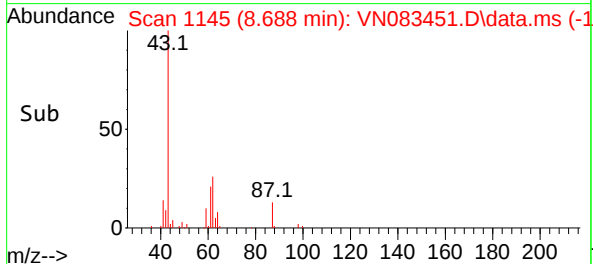
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



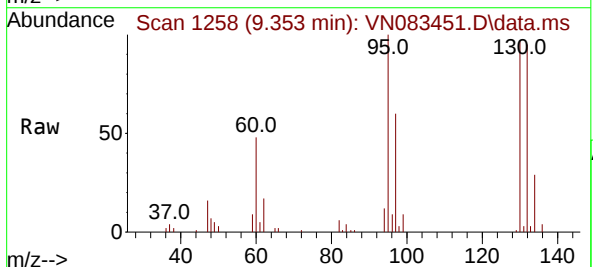
Tgt Ion: 43 Resp: 8086
Ion Ratio Lower Upper
43 100
61 26.1 17.8 26.6
87 13.0 8.2 12.2

Manual Integrations
APPROVED

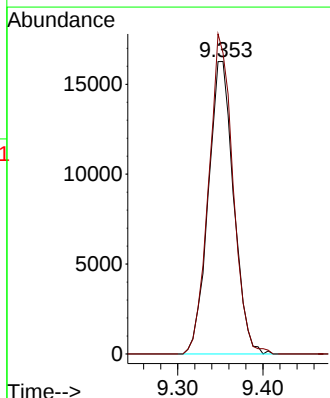
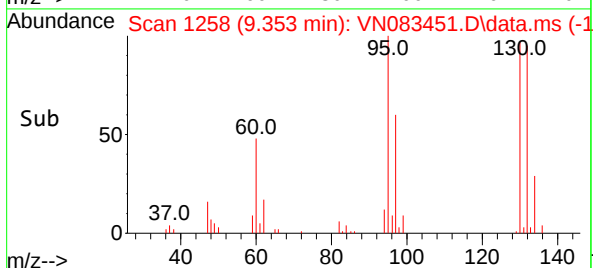
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

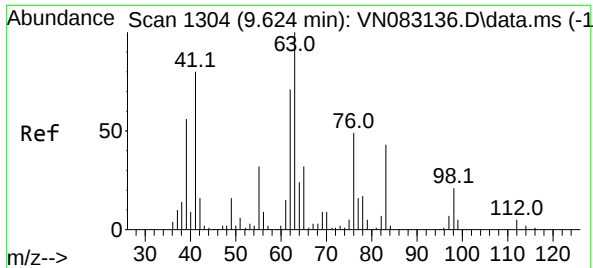


#44
Trichloroethene
Concen: 20.934 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



Tgt Ion:130 Resp: 33601
Ion Ratio Lower Upper
130 100
95 102.9 0.0 197.8





#45

1,2-Dichloropropane

Concen: 22.292 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

Tgt Ion: 63 Resp: 35684

Ion Ratio Lower Upper

63 100

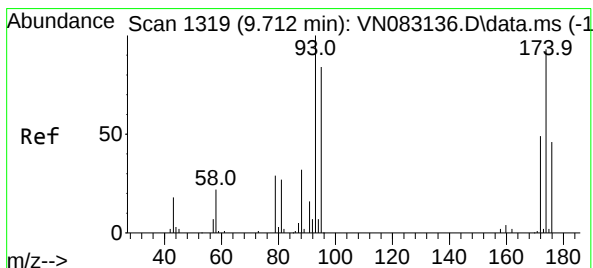
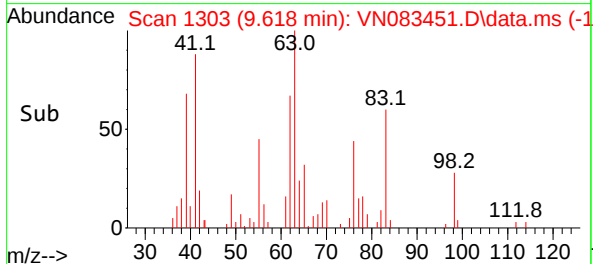
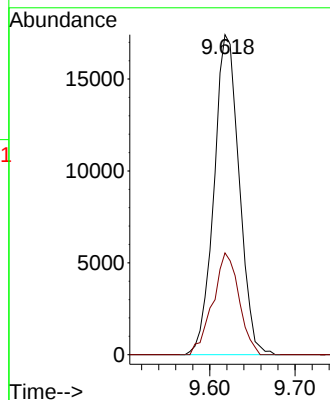
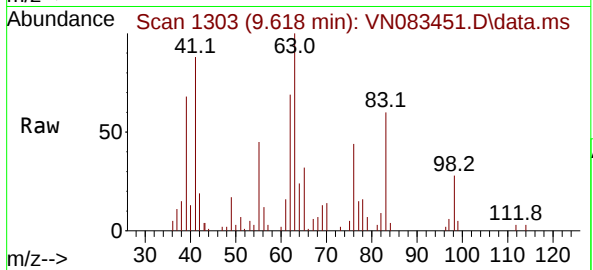
65 31.8 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#46

Dibromomethane

Concen: 22.133 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

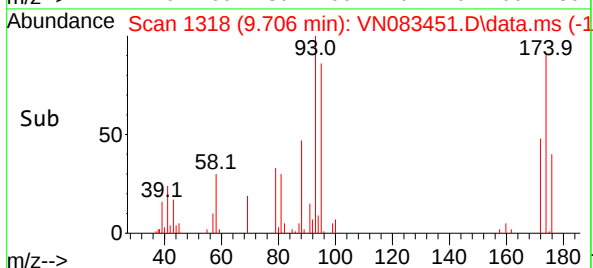
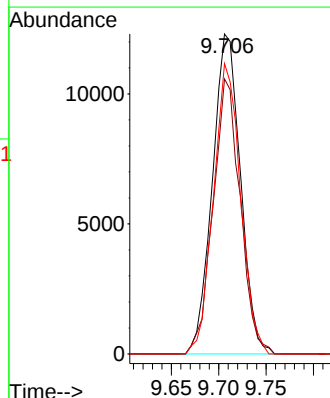
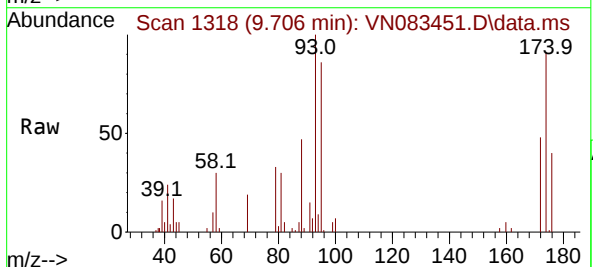
Tgt Ion: 93 Resp: 25359

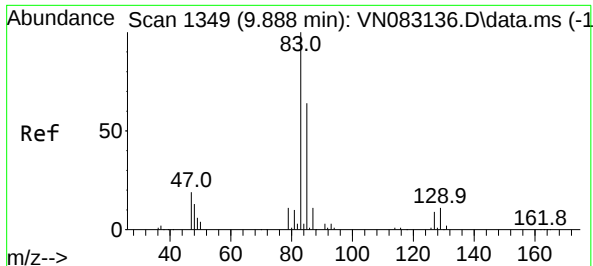
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.6

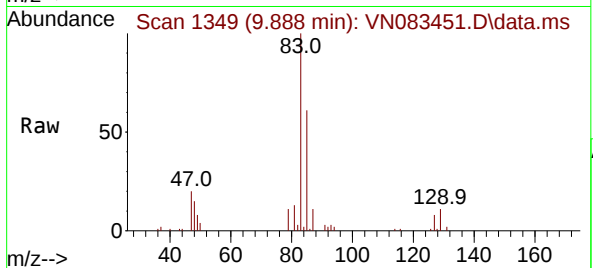
174 87.7 71.7 107.5





#47
Bromodichloromethane
Concen: 21.067 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

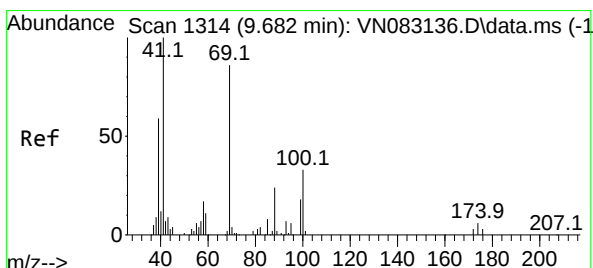
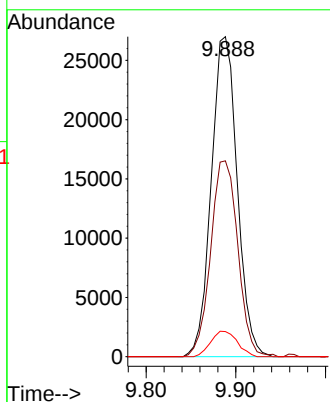
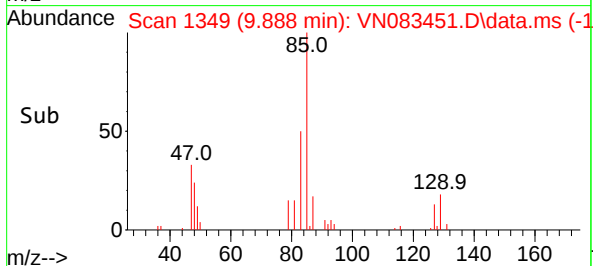
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



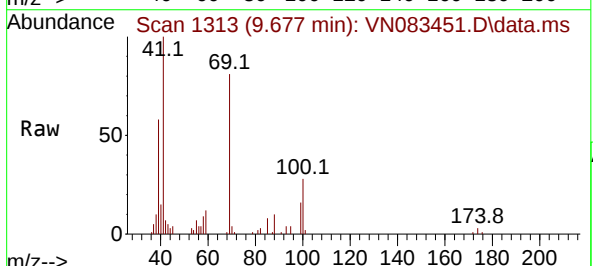
Tgt Ion: 83 Resp: 54198
Ion Ratio Lower Upper
83 100
85 61.2 51.1 76.7
127 7.9 7.2 10.8

Manual Integrations
APPROVED

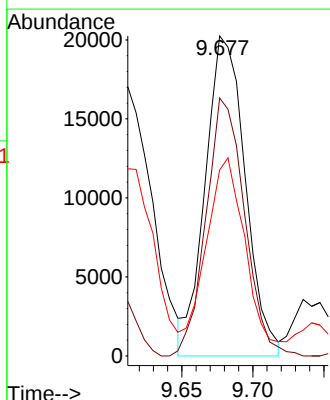
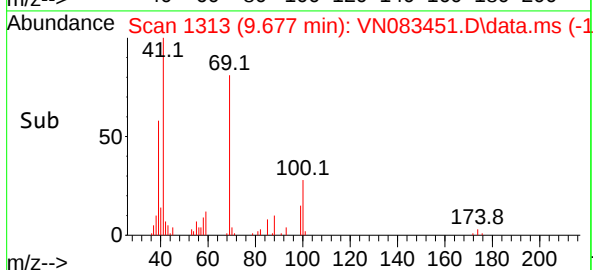
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

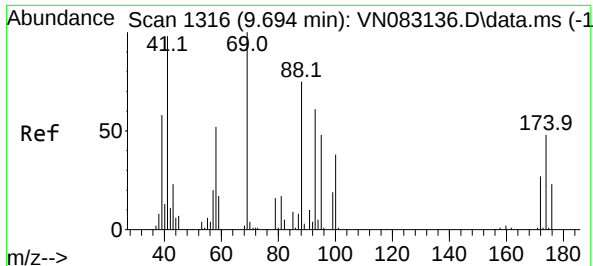


#48
Methyl methacrylate
Concen: 18.913 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



Tgt Ion: 41 Resp: 39631
Ion Ratio Lower Upper
41 100
69 77.8 56.3 84.5
39 62.6 50.3 75.5





#49

1,4-Dioxane

Concen: 353.483 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

Tgt Ion: 88 Resp: 1336

Ion Ratio Lower Upper

88 100

43 0.0 27.8 41.8

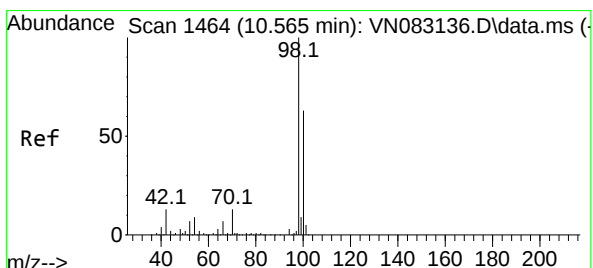
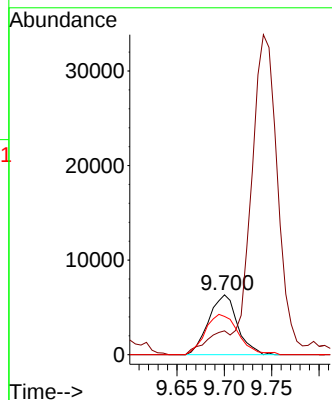
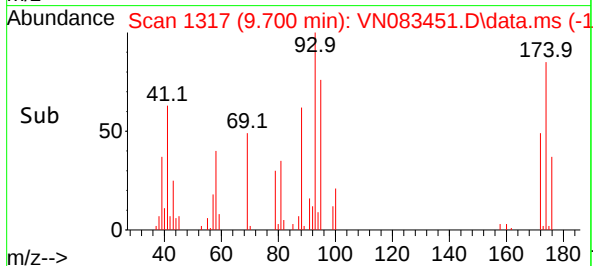
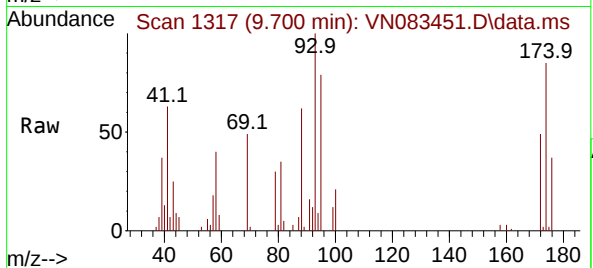
58 77.4 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#50

Toluene-d8

Concen: 51.948 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083451.D

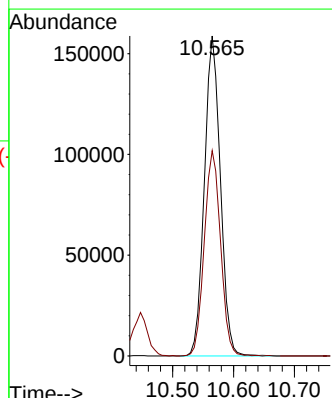
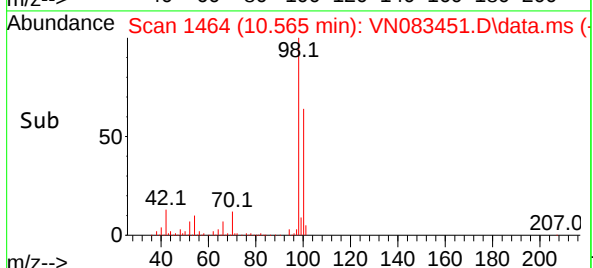
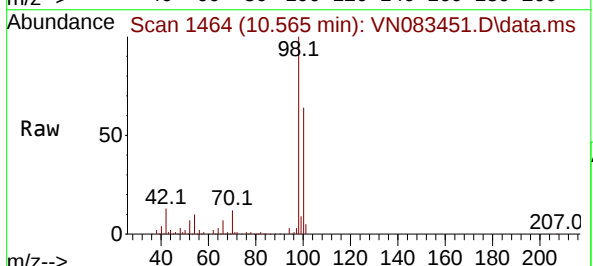
Acq: 23 Aug 2024 11:14

Tgt Ion: 98 Resp: 289976

Ion Ratio Lower Upper

98 100

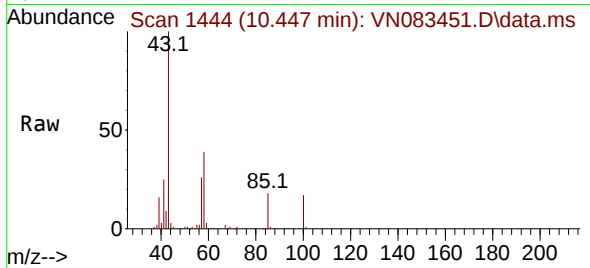
100 65.2 51.5 77.3





#51
4-Methyl-2-Pentanone
Concen: 95.919 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

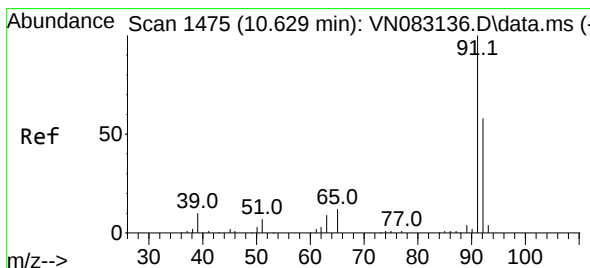
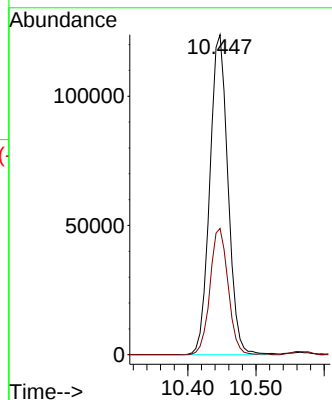
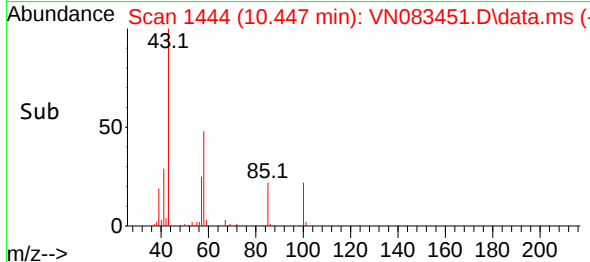
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



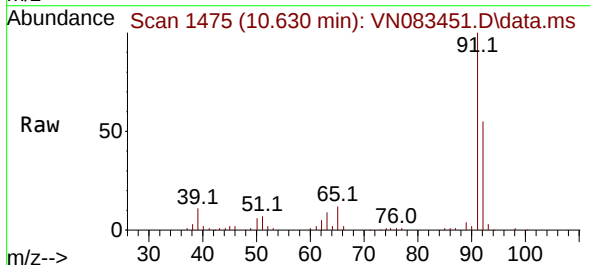
Tgt Ion: 43 Resp: 229890
Ion Ratio Lower Upper
43 100
58 39.1 28.2 42.4

Manual Integrations
APPROVED

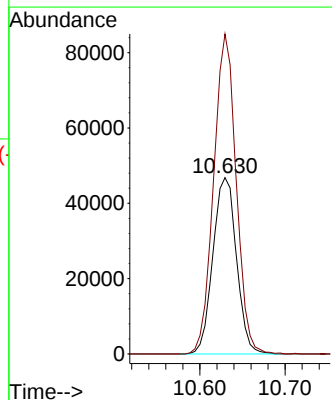
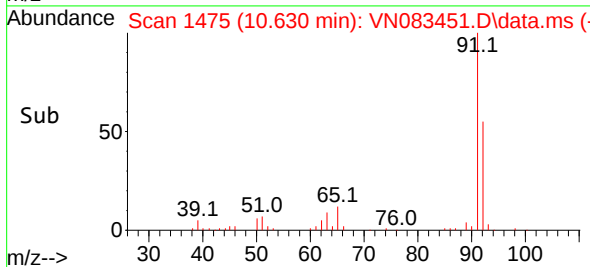
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

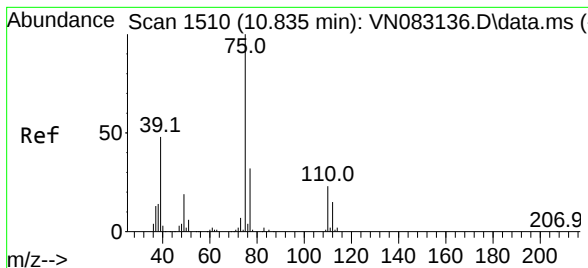


#52
Toluene
Concen: 21.088 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



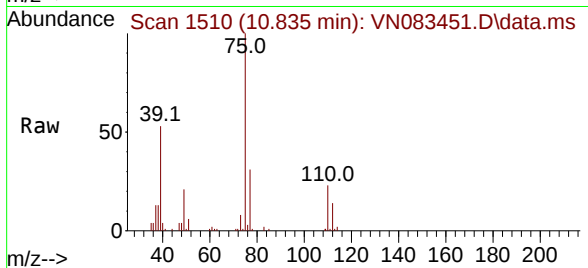
Tgt Ion: 92 Resp: 89854
Ion Ratio Lower Upper
92 100
91 173.6 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.780 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

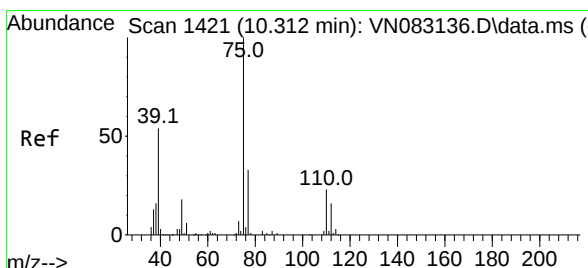
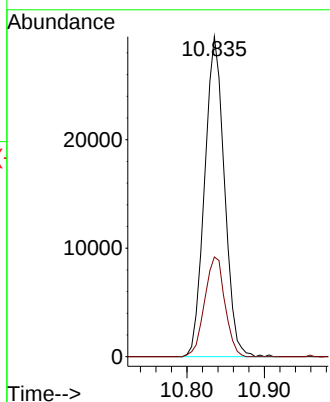
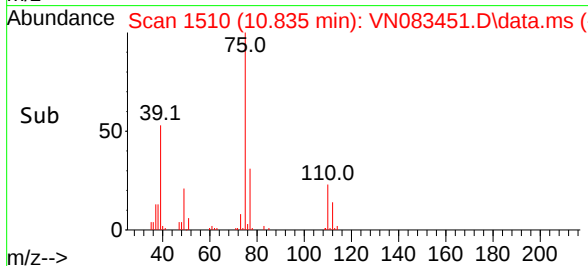
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



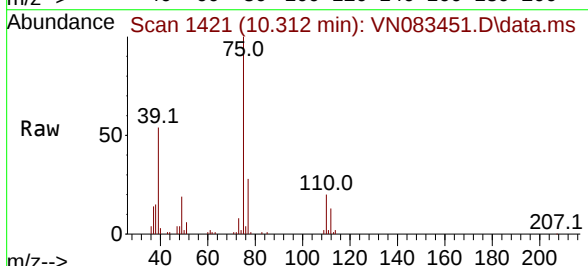
Tgt Ion: 75 Resp: 5227
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
APPROVED

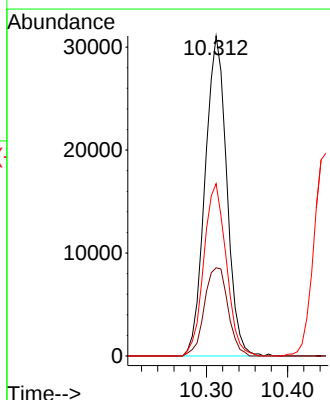
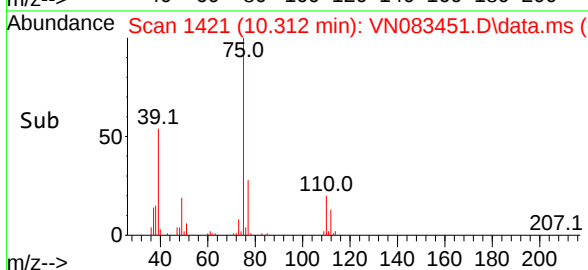
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

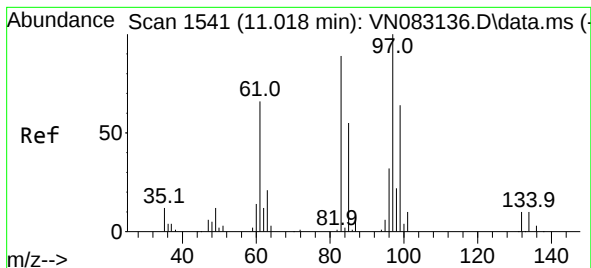


#54
cis-1,3-Dichloropropene
Concen: 20.512 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



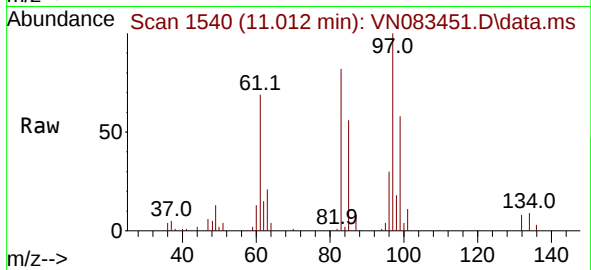
Tgt Ion: 75 Resp: 57654
Ion Ratio Lower Upper
75 100
77 27.5 24.3 36.5
39 53.9 50.5 75.7





#55
1,1,2-Trichloroethane
Concen: 21.825 ug/l
RT: 11.012 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

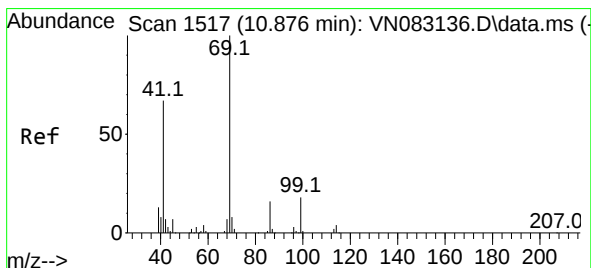
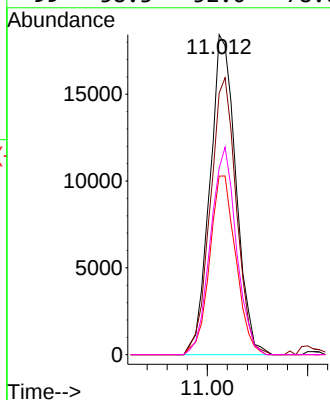
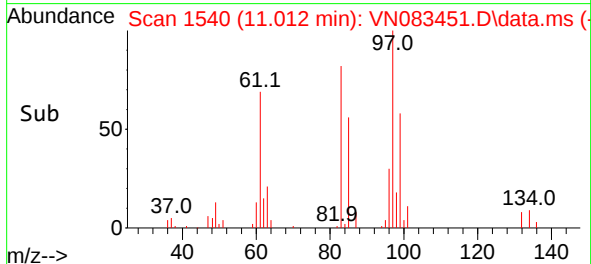
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



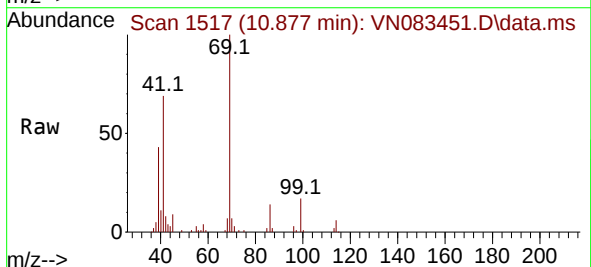
Tgt Ion: 97 Resp: 33320
Ion Ratio Lower Upper
97 100
83 81.7 71.4 107.0
85 55.8 45.8 68.6
99 58.3 52.0 78.0

Manual Integrations
APPROVED

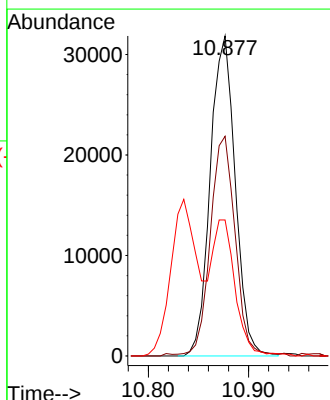
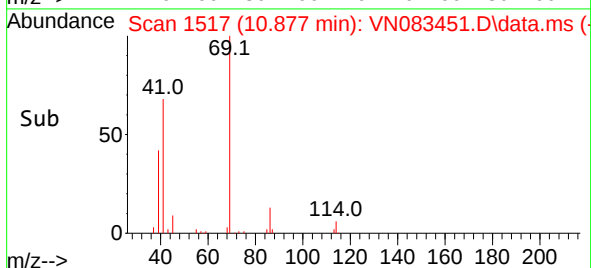
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

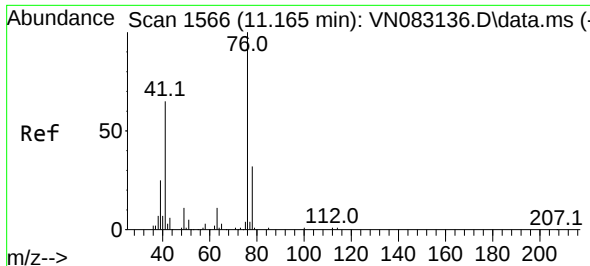


#56
Ethyl methacrylate
Concen: 19.149 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



Tgt Ion: 69 Resp: 55123
Ion Ratio Lower Upper
69 100
41 68.9 63.4 95.2
39 38.1 37.4 56.0





#57

1,3-Dichloropropane

Concen: 21.549 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

Tgt Ion: 76 Resp: 58649

Ion Ratio Lower Upper

76 100

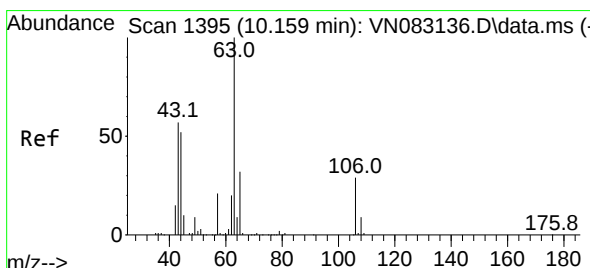
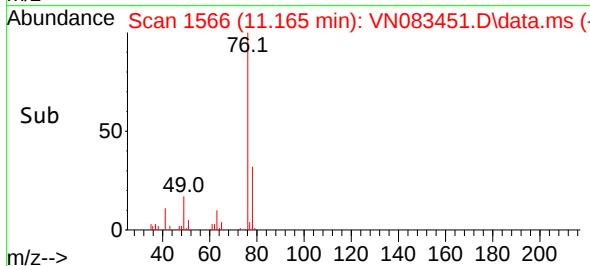
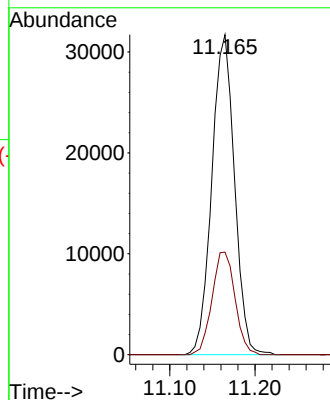
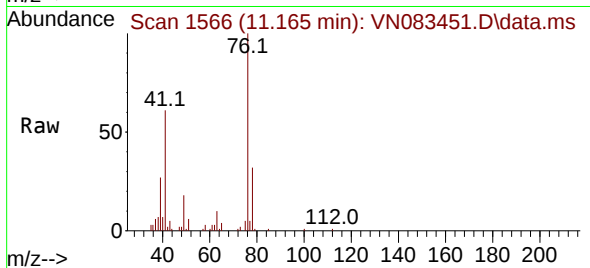
78 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 89.830 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN083451.D

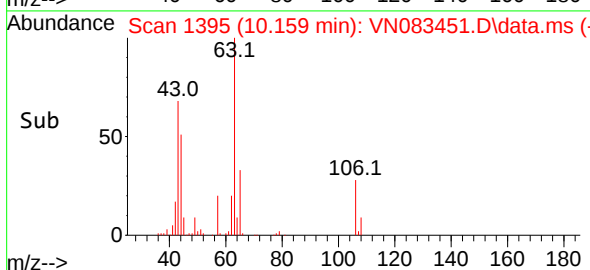
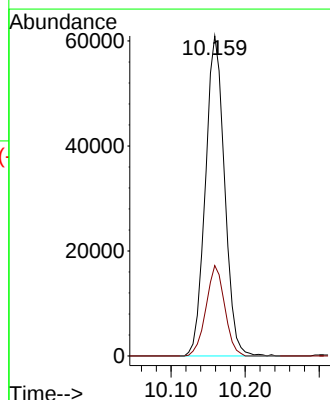
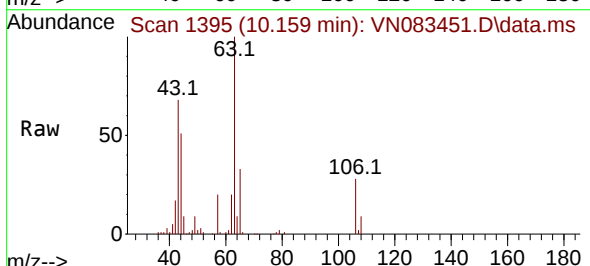
Acq: 23 Aug 2024 11:14

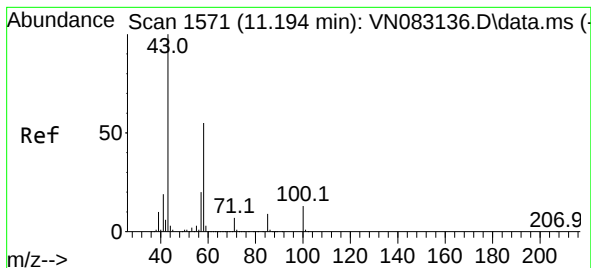
Tgt Ion: 63 Resp: 109304

Ion Ratio Lower Upper

63 100

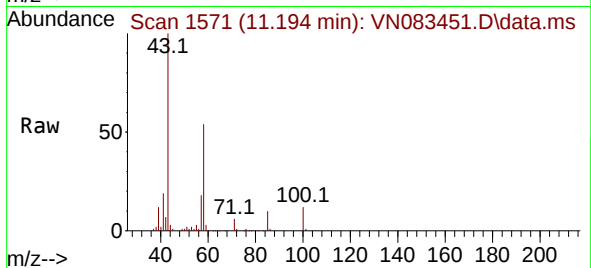
106 27.6 21.4 32.0





#59
2-Hexanone
Concen: 91.454 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

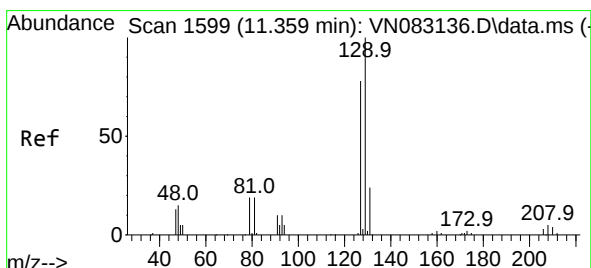
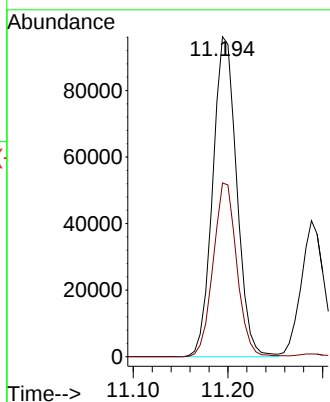
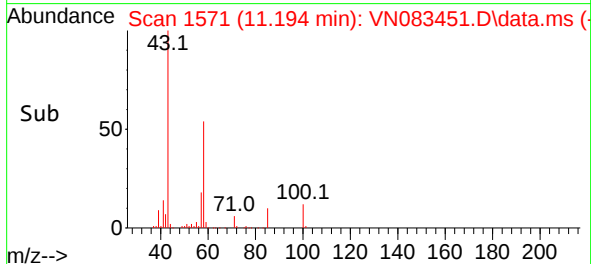
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 43 Resp: 16957
Ion Ratio Lower Upper
43 100
58 53.4 24.6 73.8

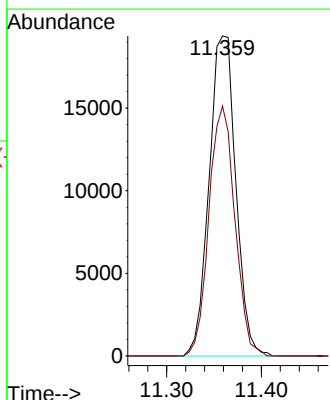
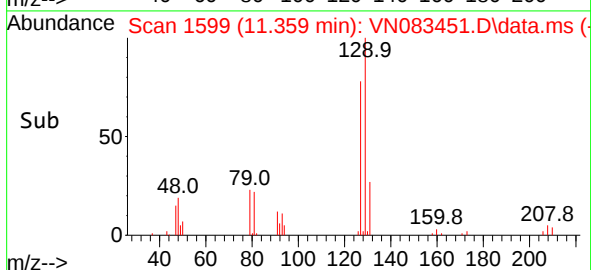
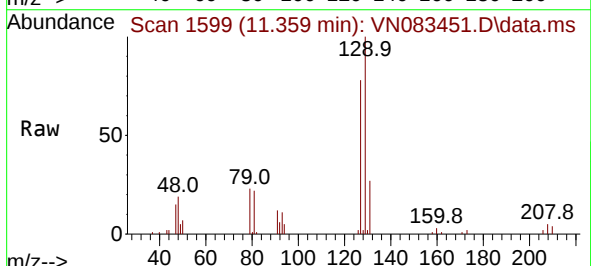
Manual Integrations
APPROVED

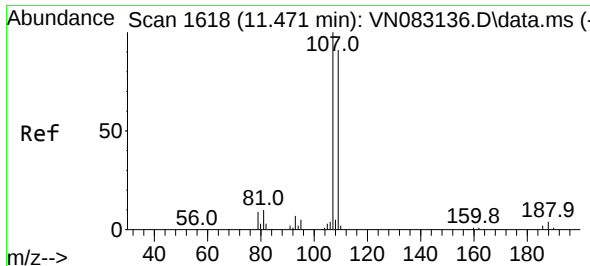
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#60
Dibromochloromethane
Concen: 20.569 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

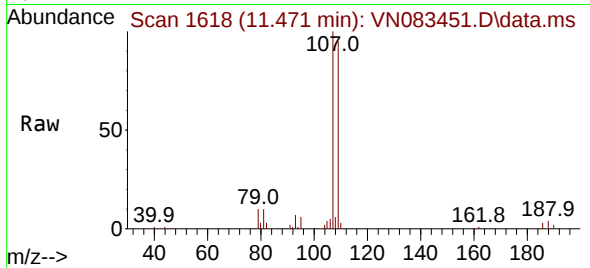
Tgt Ion:129 Resp: 37973
Ion Ratio Lower Upper
129 100
127 75.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 20.471 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

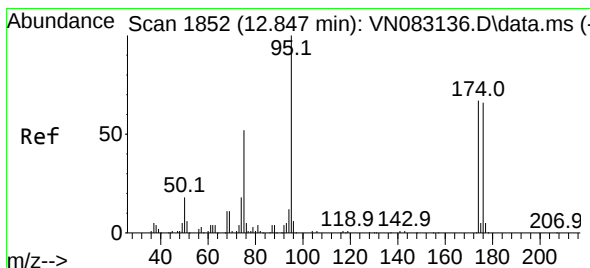
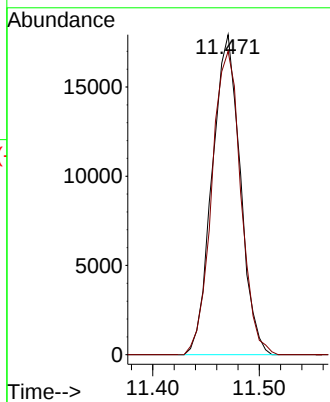
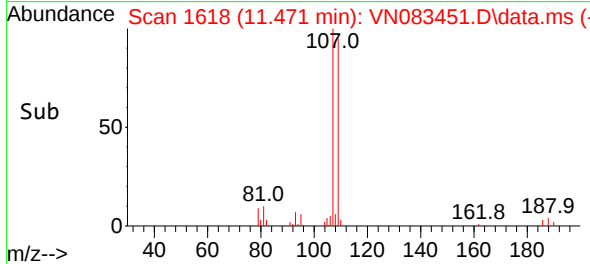
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



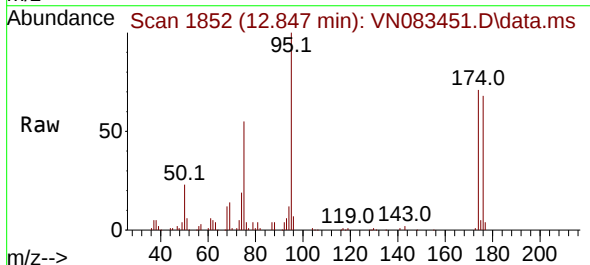
Tgt Ion:107 Resp: 3283
Ion Ratio Lower Upper
107 100
109 97.9 73.7 110.5

Manual Integrations
APPROVED

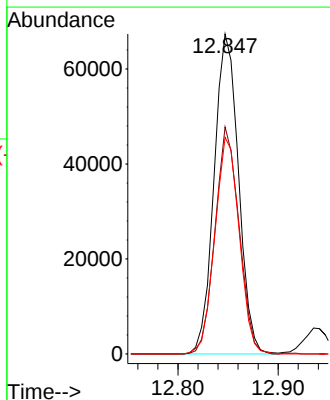
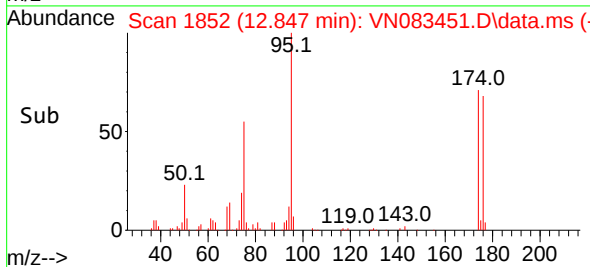
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

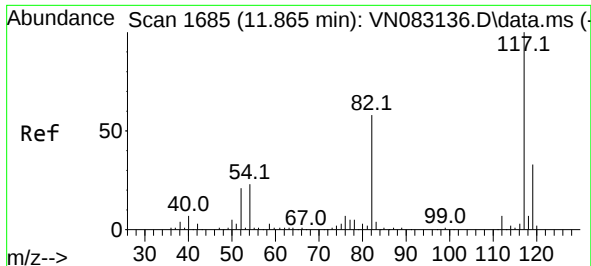


#62
4-Bromofluorobenzene
Concen: 52.342 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



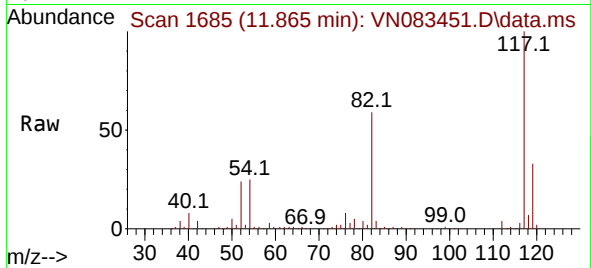
Tgt Ion: 95 Resp: 113906
Ion Ratio Lower Upper
95 100
174 69.6 0.0 159.2
176 67.6 0.0 147.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11865
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

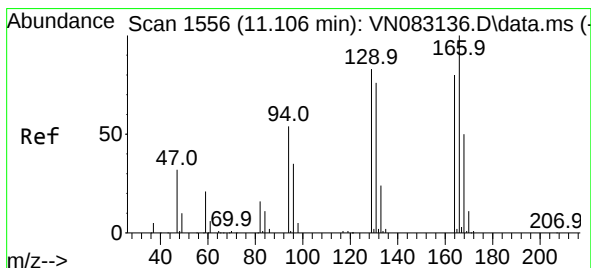
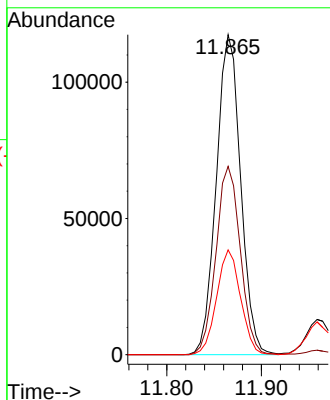
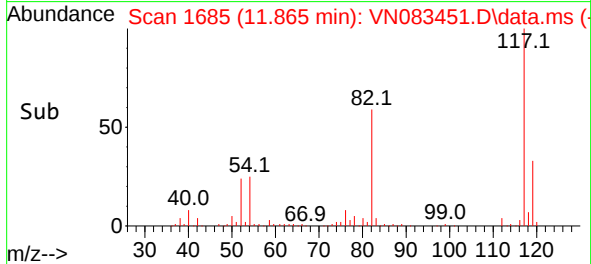
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion:117 Resp: 210220
Ion Ratio Lower Upper
117 100
82 58.9 47.5 71.3
119 32.8 25.6 38.4

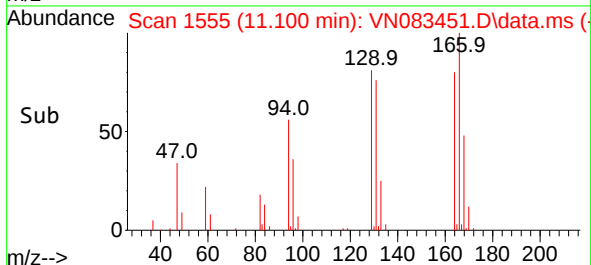
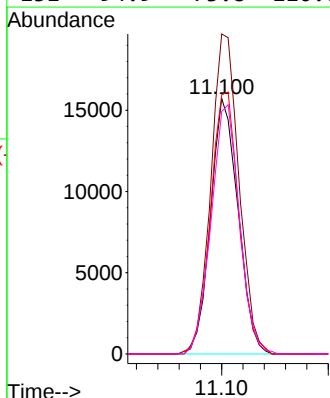
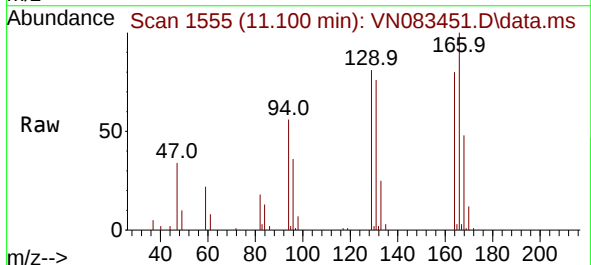
Manual Integrations
APPROVED

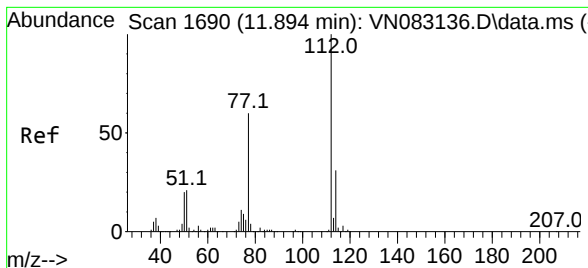
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#64
Tetrachloroethene
Concen: 20.241 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

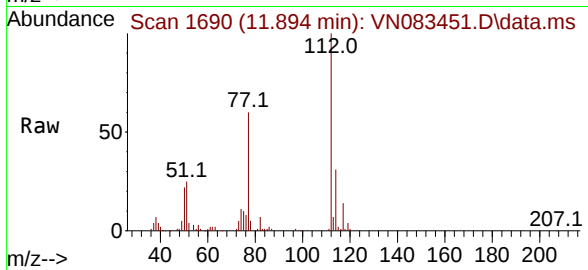
Tgt Ion:164 Resp: 28181
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 101.5 75.7 113.5
131 94.9 73.8 110.6





#65
Chlorobenzene
Concen: 20.038 ug/l
RT: 11.894 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

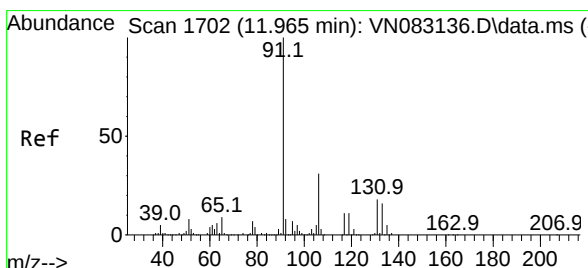
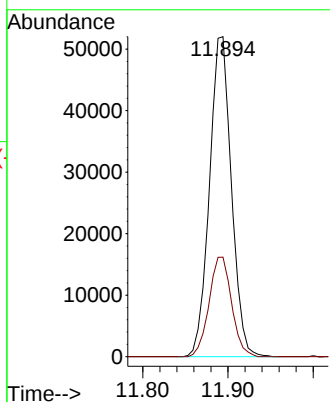
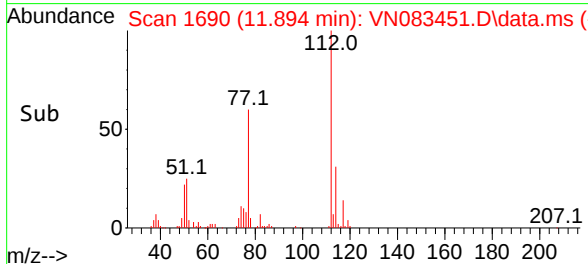
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



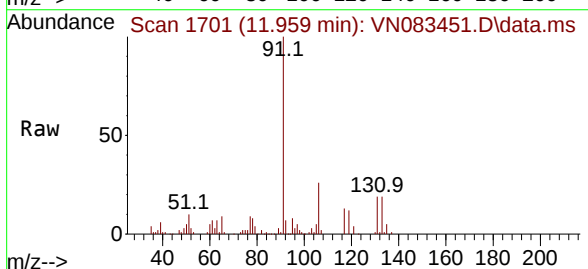
Tgt Ion:112 Resp: 9309
Ion Ratio Lower Upper
112 100
114 31.1 26.2 39.2

Manual Integrations
APPROVED

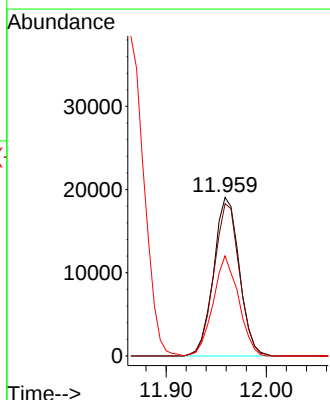
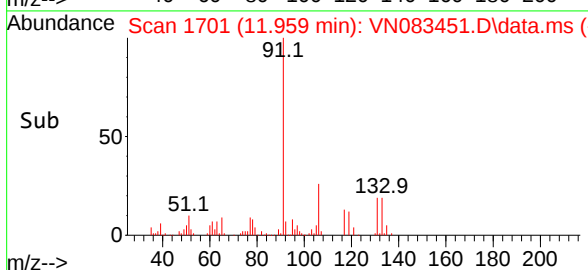
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

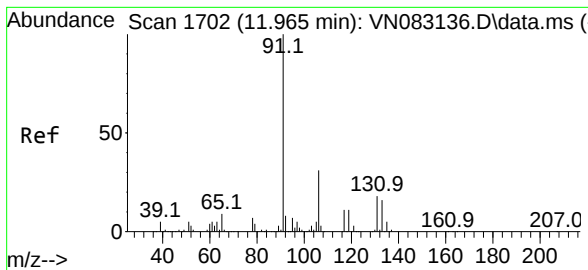


#66
1,1,1,2-Tetrachloroethane
Concen: 20.702 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



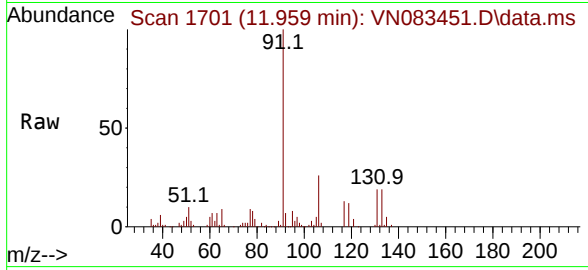
Tgt Ion:131 Resp: 33919
Ion Ratio Lower Upper
131 100
133 95.8 47.3 142.0
119 62.5 32.5 97.4





#67
Ethyl Benzene
Concen: 20.021 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

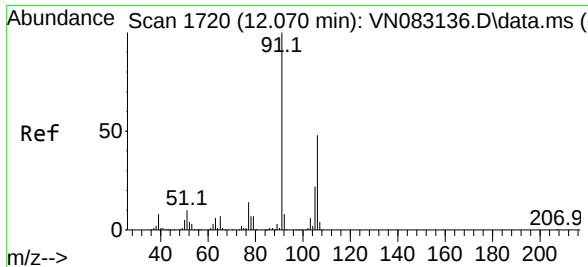
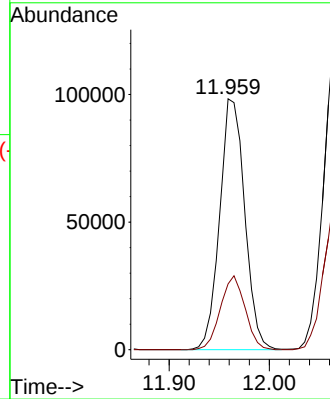
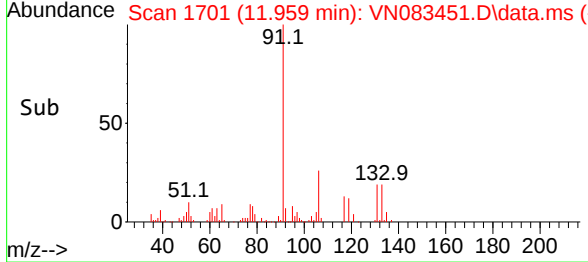
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 91 Resp: 170625
Ion Ratio Lower Upper
91 100
106 26.2 24.0 36.0

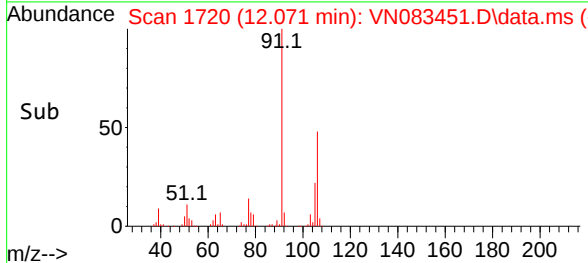
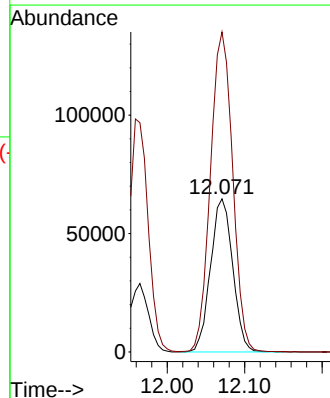
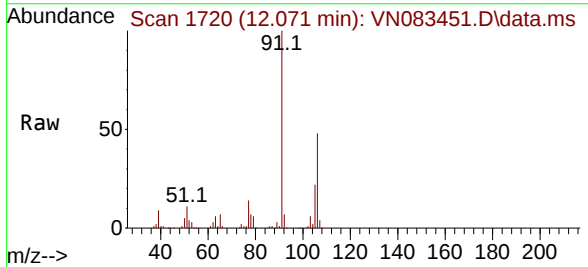
Manual Integrations
APPROVED

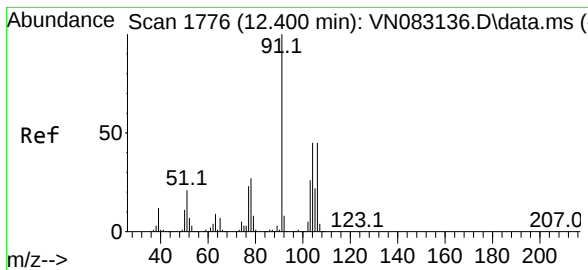
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#68
m/p-Xylenes
Concen: 40.290 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion:106 Resp: 128625
Ion Ratio Lower Upper
106 100
91 209.6 166.1 249.1





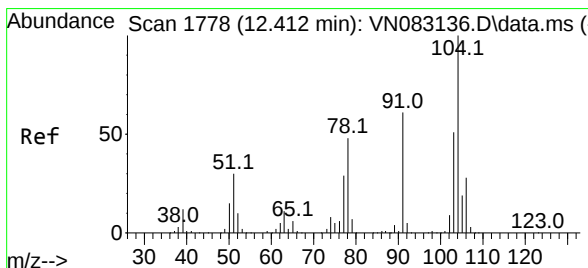
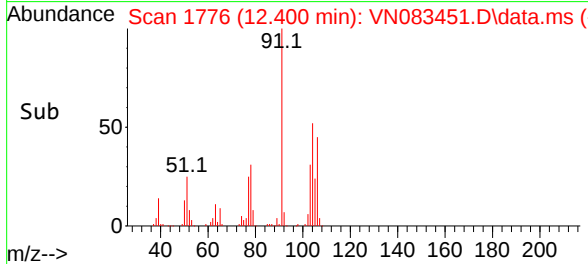
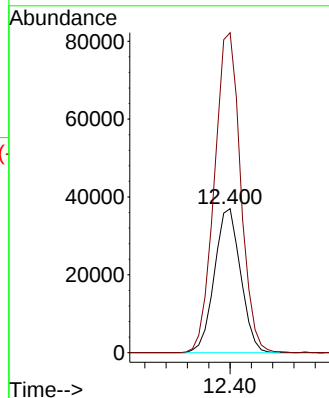
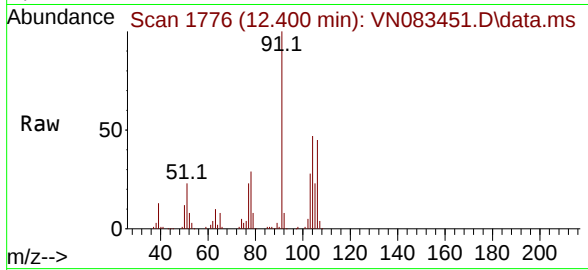
#69
o-Xylene
Concen: 20.045 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02

Tgt Ion:106 Resp: 6311
Ion Ratio Lower Upper
106 100
91 222.3 111.3 333.9

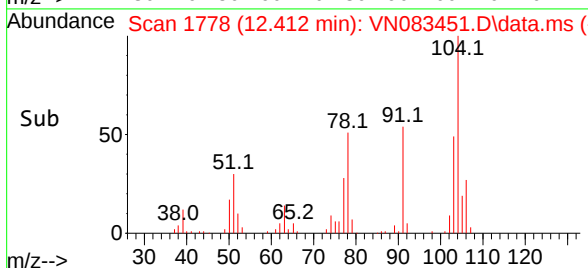
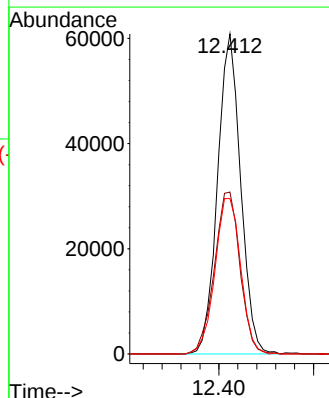
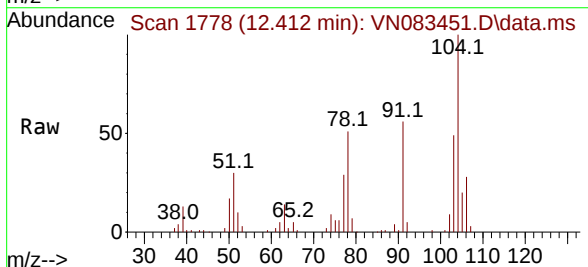
Manual Integrations
APPROVED

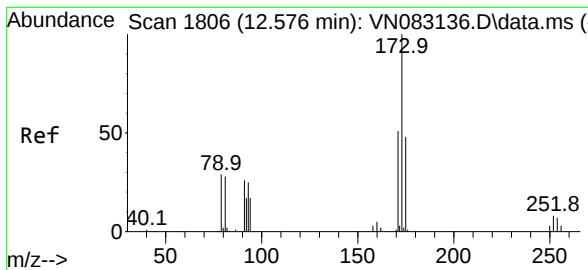
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#70
Styrene
Concen: 19.501 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

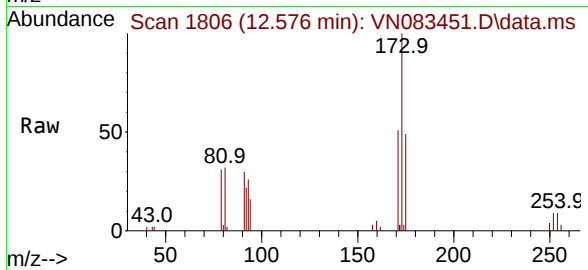
Tgt Ion:104 Resp: 103128
Ion Ratio Lower Upper
104 100
78 56.0 41.6 62.4
103 54.3 44.0 66.0





#71
Bromoform
Concen: 18.558 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

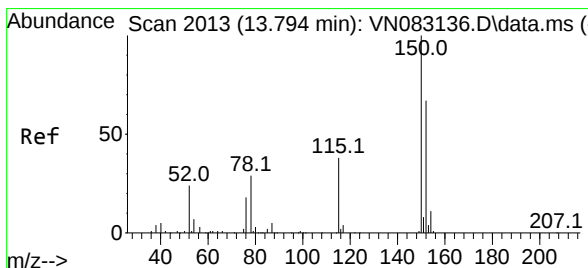
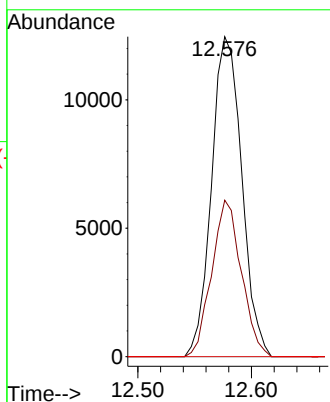
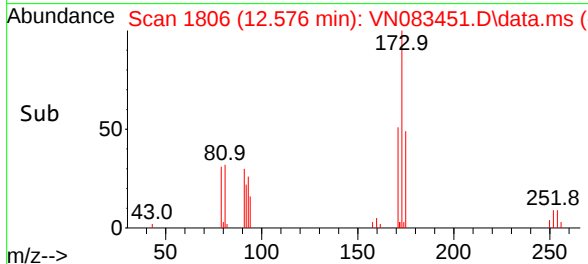
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



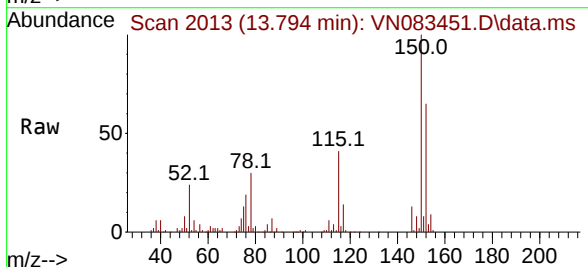
Tgt Ion:173 Resp: 23035
Ion Ratio Lower Upper
173 100
175 47.9 24.0 72.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

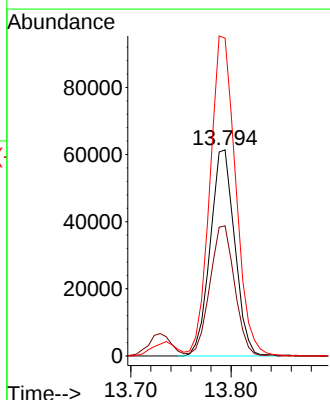
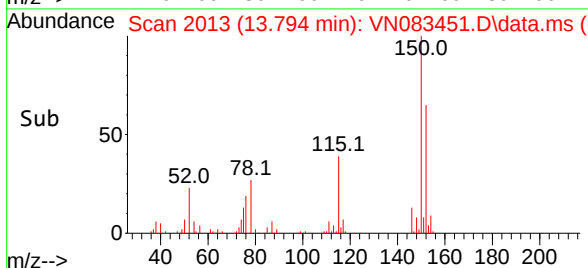
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

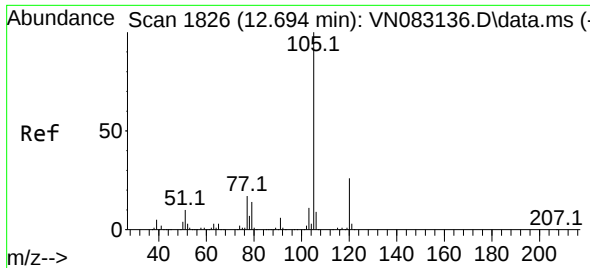


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



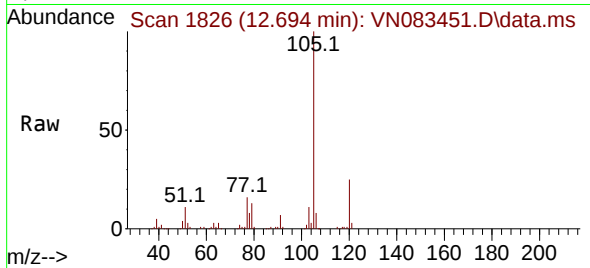
Tgt Ion:152 Resp: 104257
Ion Ratio Lower Upper
152 100
115 64.0 30.6 91.6
150 163.2 0.0 348.6





#73
Isopropylbenzene
Concen: 18.231 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

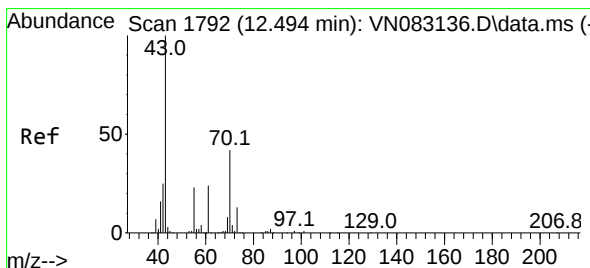
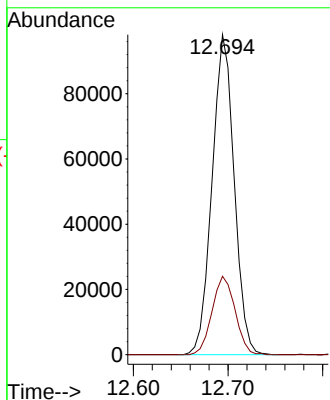
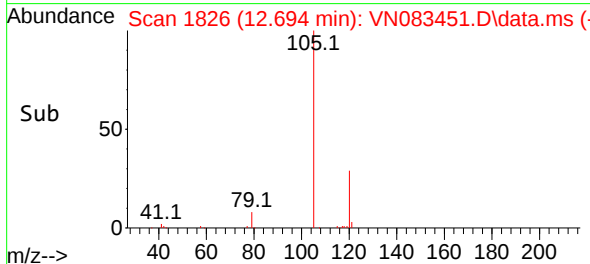
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion:105 Resp: 158979
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

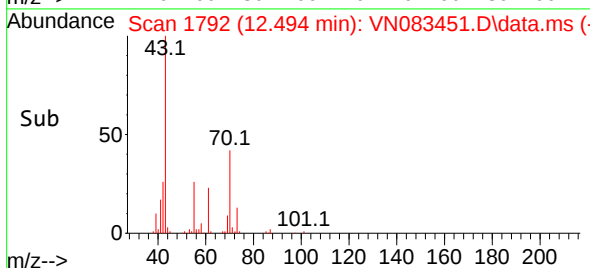
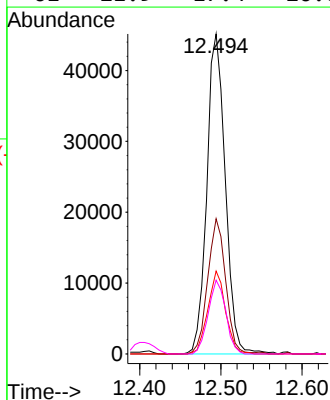
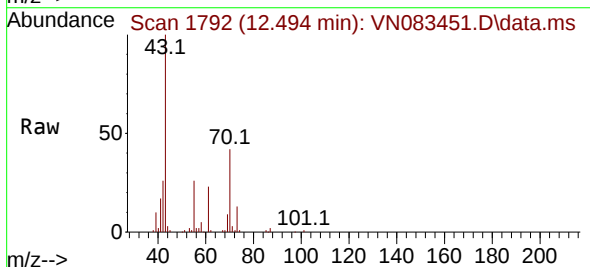
Manual Integrations
APPROVED

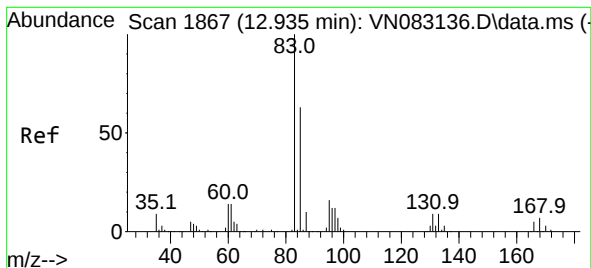
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#74
N-ethyl acetate
Concen: 16.707 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

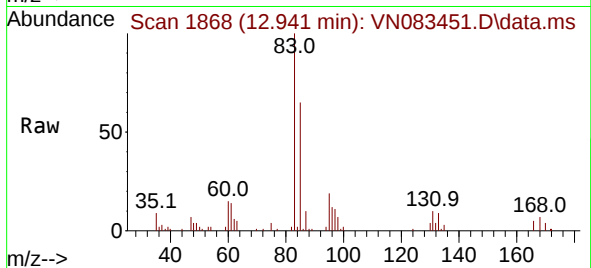
Tgt Ion: 43 Resp: 71264
Ion Ratio Lower Upper
43 100
70 41.3 29.8 44.6
55 24.8 18.7 28.1
61 21.9 17.4 26.0





#75
1,1,2,2-Tetrachloroethane
Concen: 19.838 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

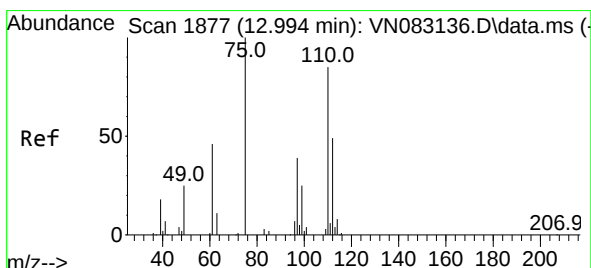
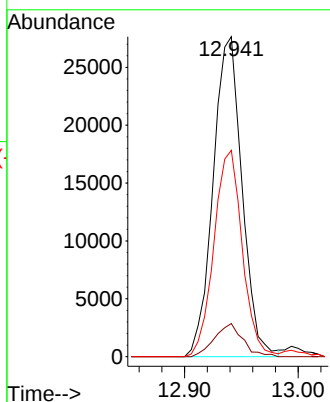
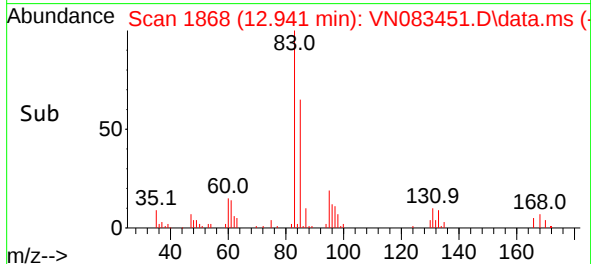
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 83 Resp: 48928
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 63.2 31.9 95.7

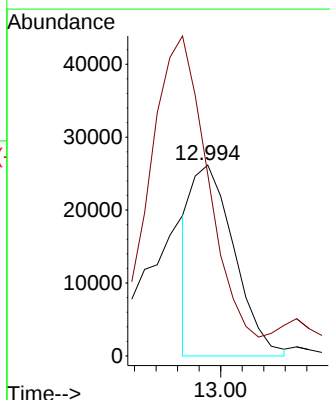
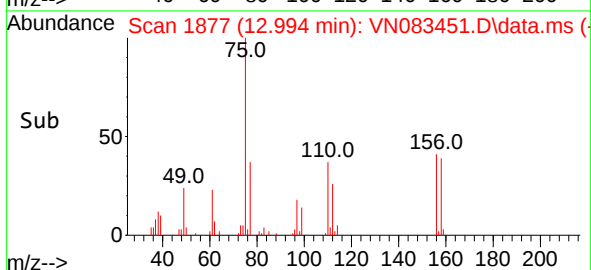
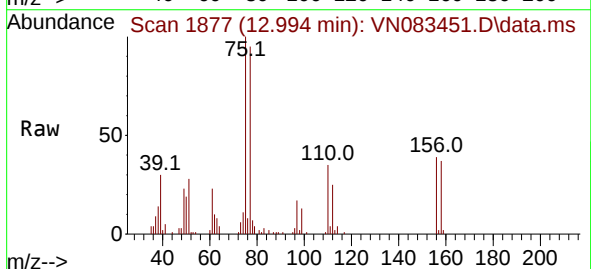
Manual Integrations
APPROVED

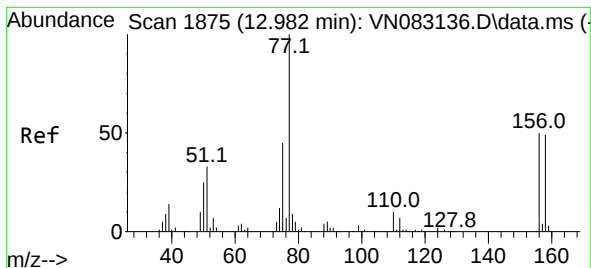
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#76
1,2,3-Trichloropropane
Concen: 15.745 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion: 75 Resp: 36028
Ion Ratio Lower Upper
75 100
77 237.6 110.9 332.6





#77

Bromobenzene

Concen: 19.463 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

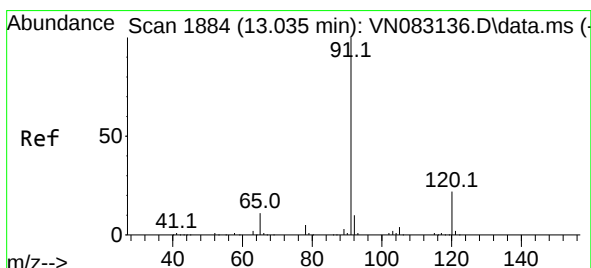
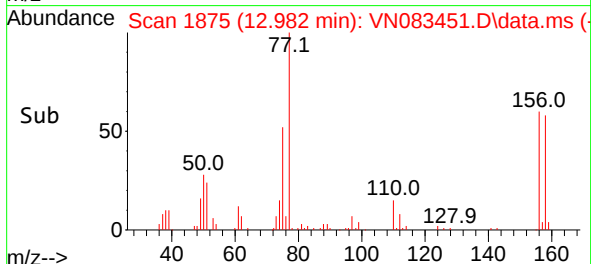
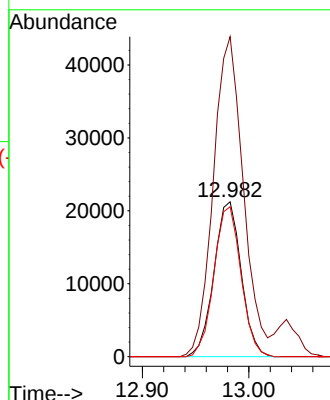
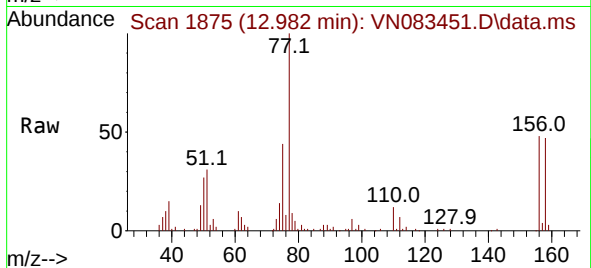
Tgt Ion:156 Resp: 3770
 Ion Ratio Lower Upper
 156 100
 77 227.1 111.3 333.8
 158 96.1 48.3 144.9

Manual Integrations

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Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#78

n-propylbenzene

Concen: 18.084 ug/l

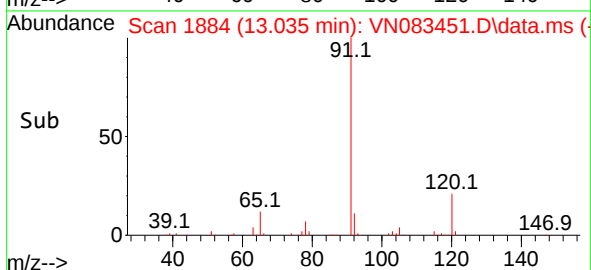
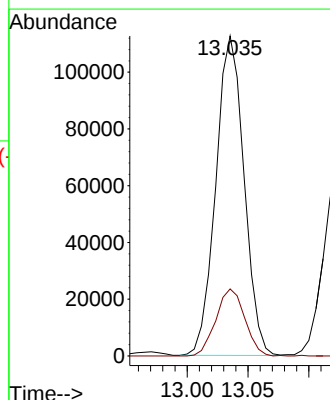
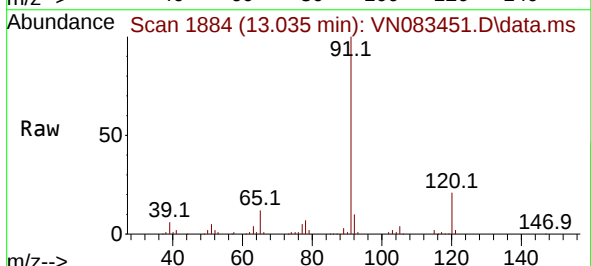
RT: 13.035 min Scan# 1884

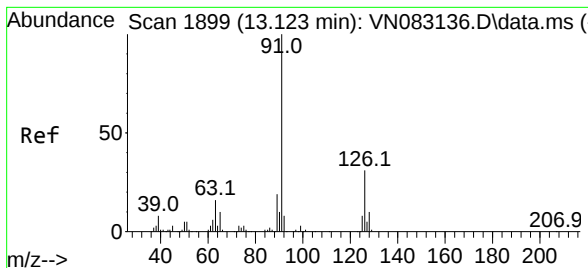
Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

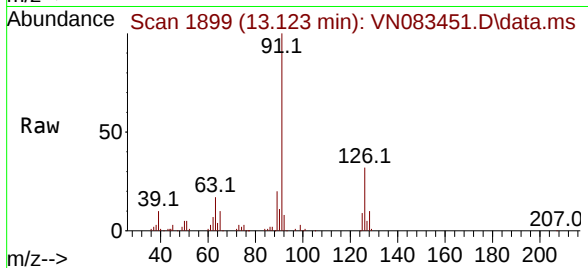
Tgt Ion: 91 Resp: 181591
 Ion Ratio Lower Upper
 91 100
 120 21.5 10.9 32.9





#79
2-Chlorotoluene
Concen: 18.397 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

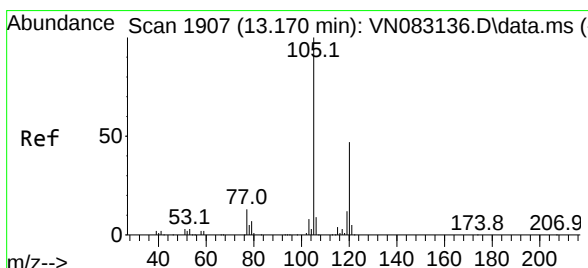
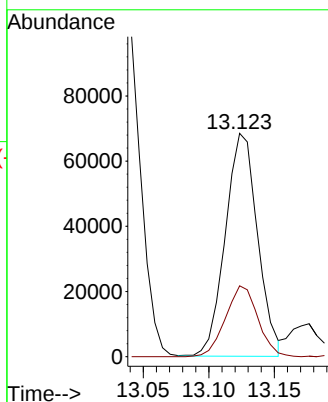
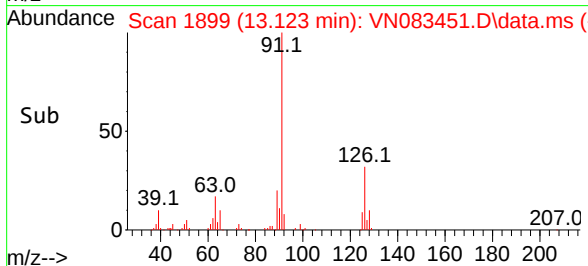
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



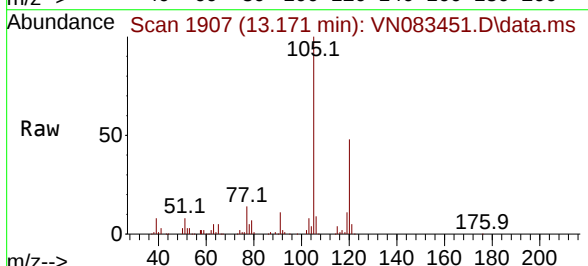
Tgt Ion: 91 Resp: 117115
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

Manual Integrations
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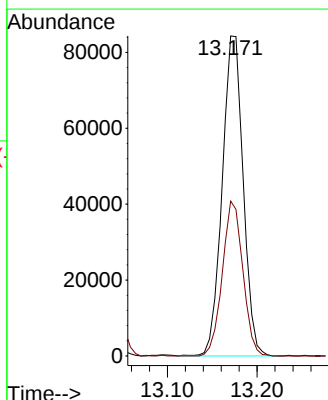
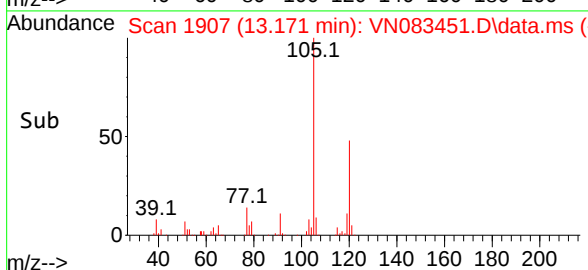
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024

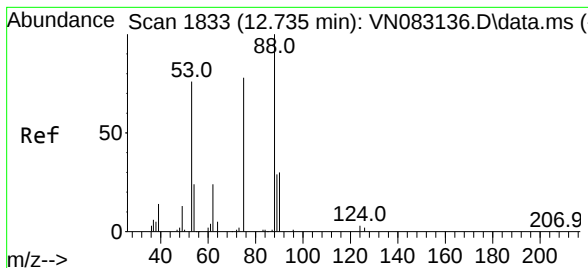


#80
1,3,5-Trimethylbenzene
Concen: 18.760 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14



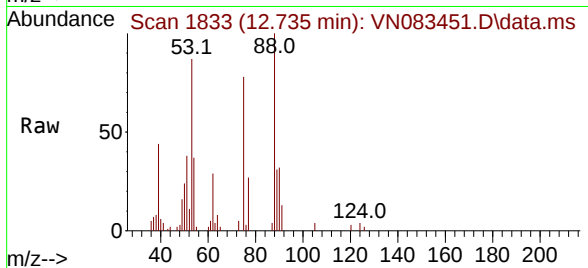
Tgt Ion:105 Resp: 136958
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 14.391 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

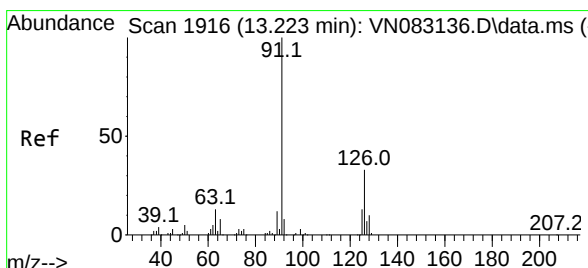
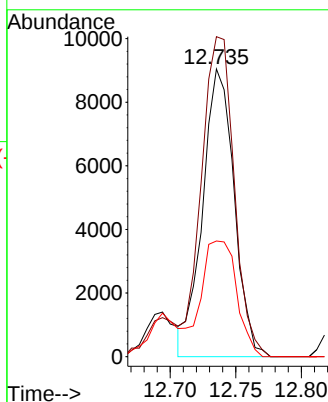
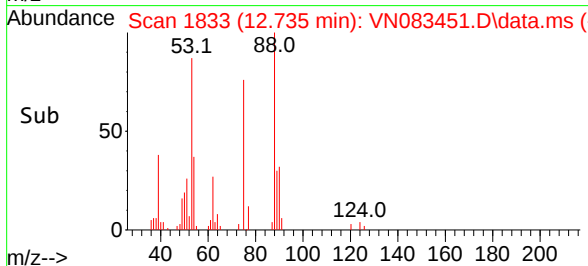
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion: 75 Resp: 15138
Ion Ratio Lower Upper
75 100
53 115.6 88.4 132.6
89 46.6 36.3 54.5

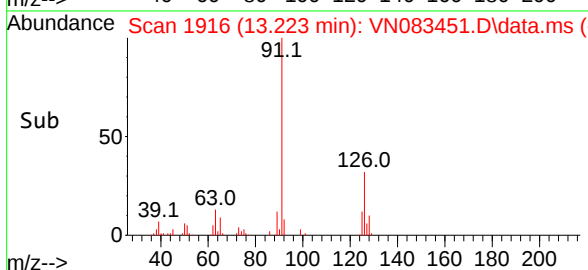
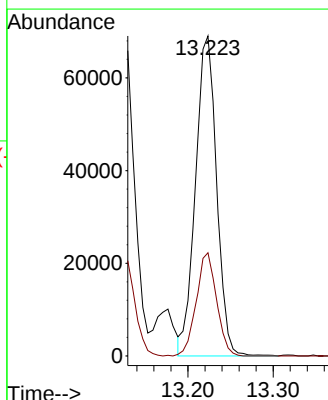
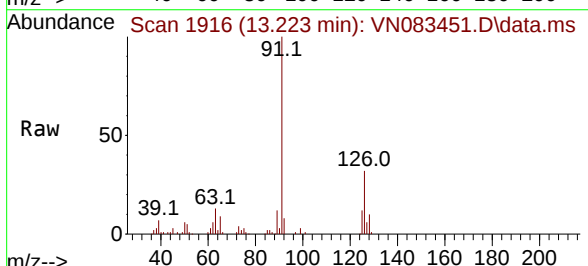
Manual Integrations
APPROVED

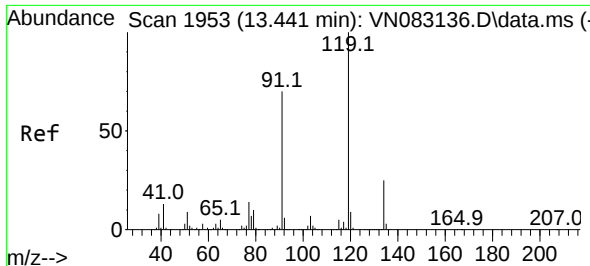
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#82
4-Chlorotoluene
Concen: 18.594 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

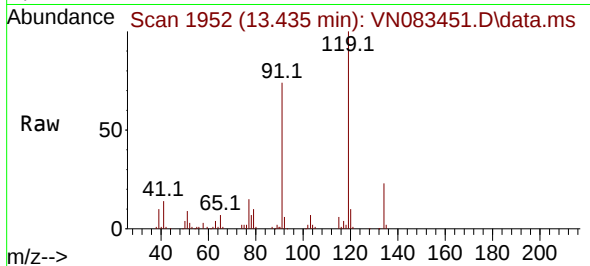
Tgt Ion: 91 Resp: 118732
Ion Ratio Lower Upper
91 100
126 31.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 18.460 ug/l
RT: 13.435 min Scan# 1953
Delta R.T. -0.006 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

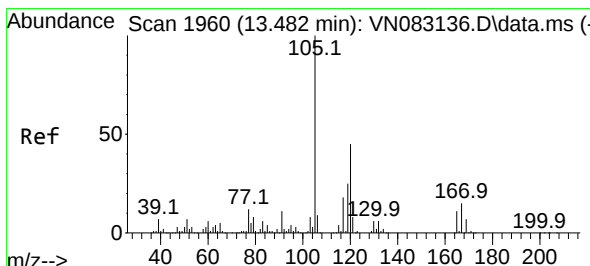
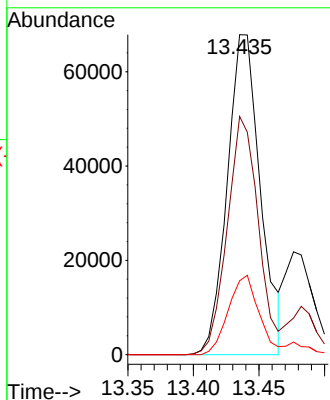
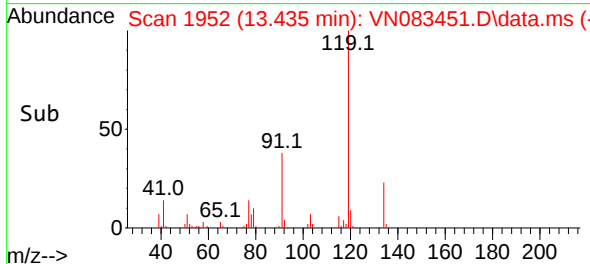
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion:119 Resp: 119349
Ion Ratio Lower Upper
119 100
91 69.9 35.0 105.1
134 22.8 13.3 39.8

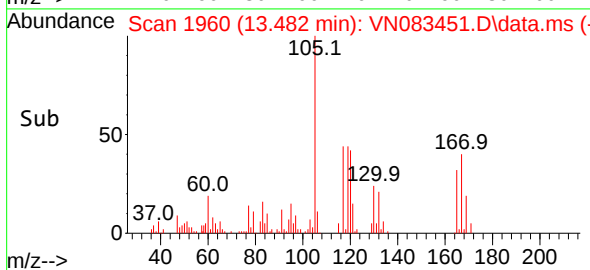
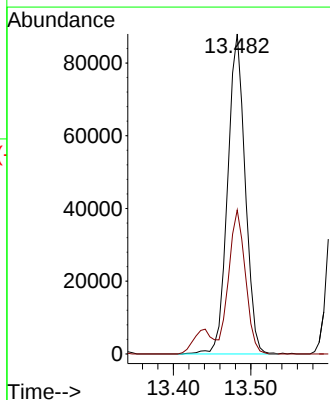
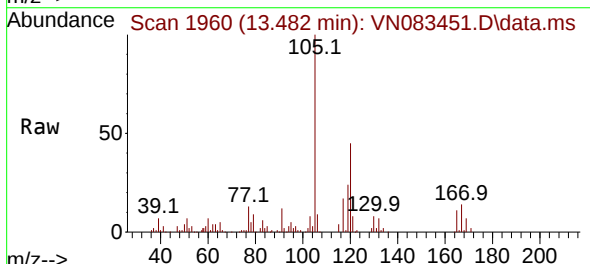
Manual Integrations
APPROVED

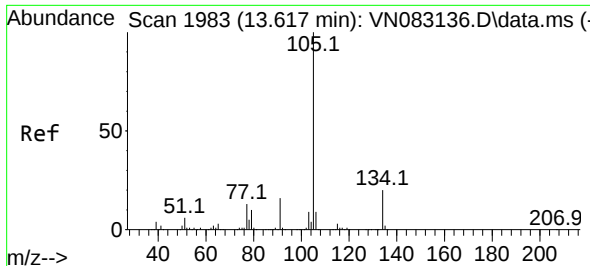
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 18.794 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

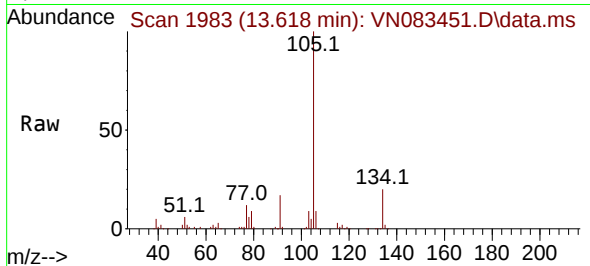
Tgt Ion:105 Resp: 138275
Ion Ratio Lower Upper
105 100
120 42.4 21.9 65.8





#85
sec-Butylbenzene
Concen: 17.669 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

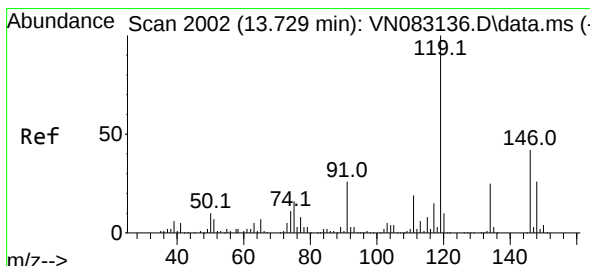
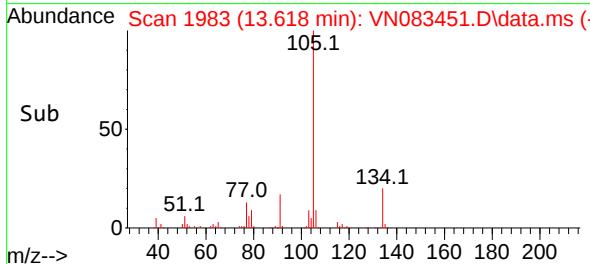
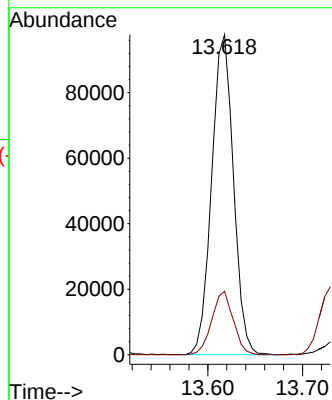
Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02



Tgt Ion:105 Resp: 155870
Ion Ratio Lower Upper
105 100
134 19.5 9.8 29.3

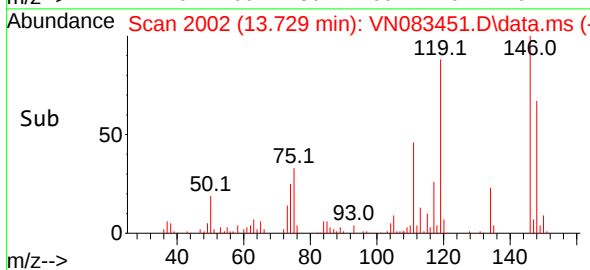
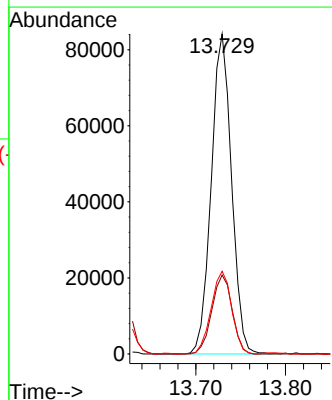
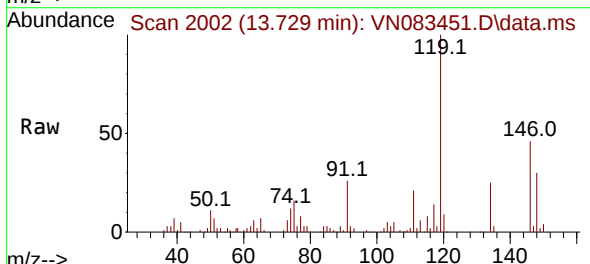
Manual Integrations
APPROVED

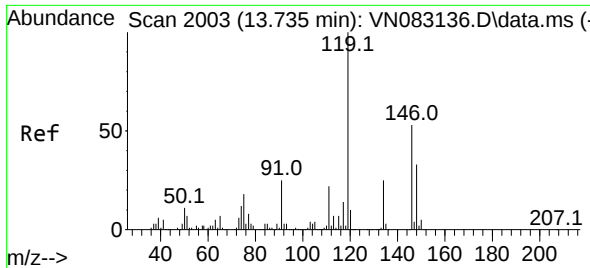
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#86
p-Isopropyltoluene
Concen: 18.101 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

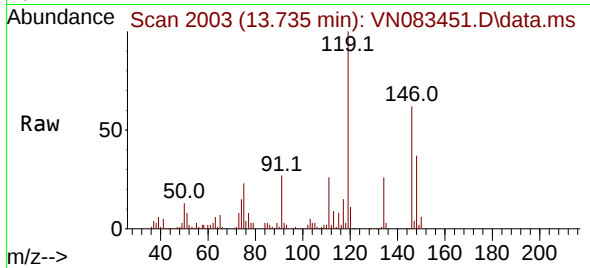
Tgt Ion:119 Resp: 131850
Ion Ratio Lower Upper
119 100
134 24.7 13.0 39.0
91 26.1 12.3 36.9





#87
 1,3-Dichlorobenzene
 Concen: 19.183 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14

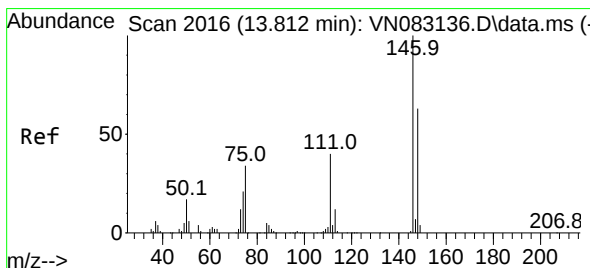
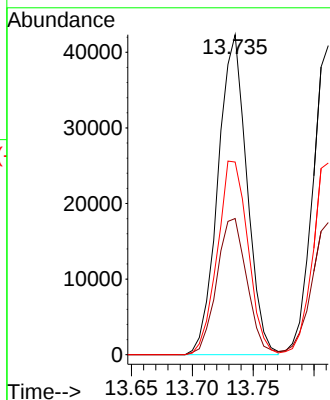
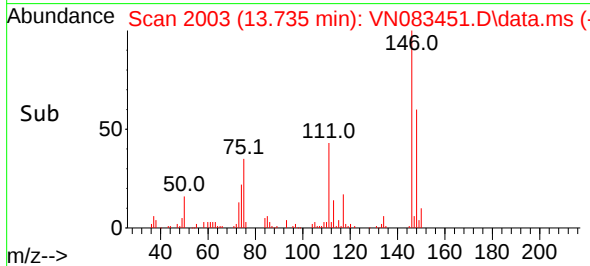
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS02



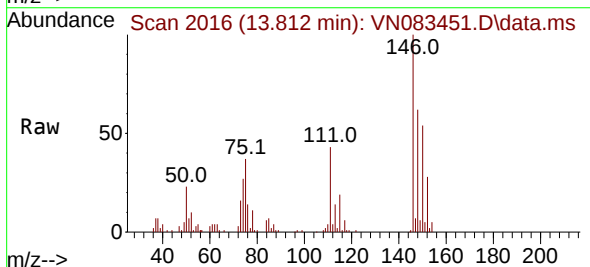
Tgt Ion:146 Resp: 6992
 Ion Ratio Lower Upper
 146 100
 111 44.5 20.6 61.9
 148 63.9 31.8 95.3

Manual Integrations
 APPROVED

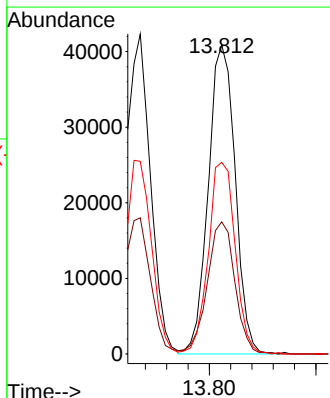
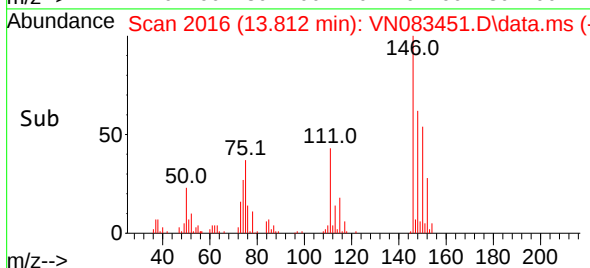
Reviewed By :John Carlone 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024

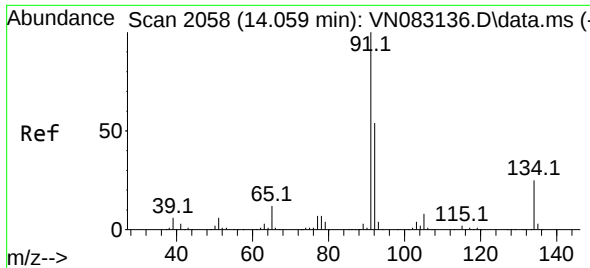


#88
 1,4-Dichlorobenzene
 Concen: 19.509 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14



Tgt Ion:146 Resp: 71690
 Ion Ratio Lower Upper
 146 100
 111 44.0 20.1 60.3
 148 62.1 32.2 96.6





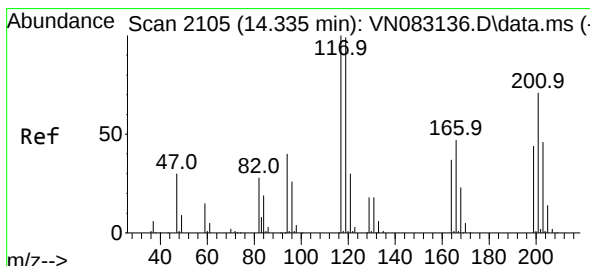
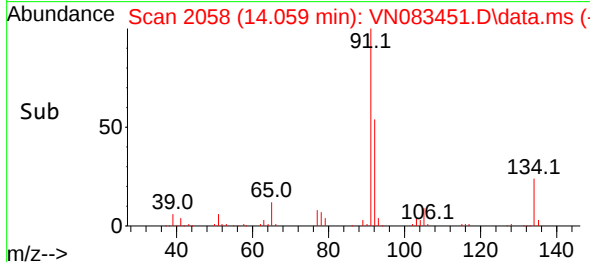
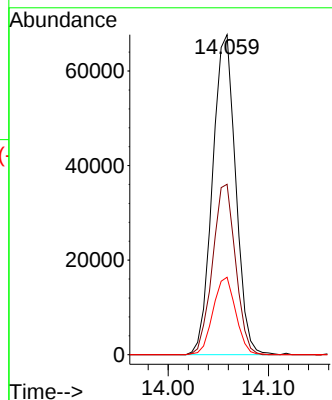
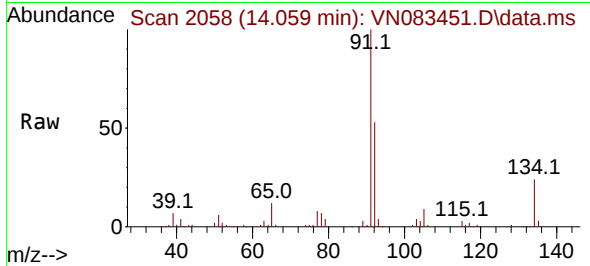
#89
n-Butylbenzene
Concen: 17.192 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02

Tgt Ion: 91 Resp: 108510
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.3
134 23.7 12.1 36.3

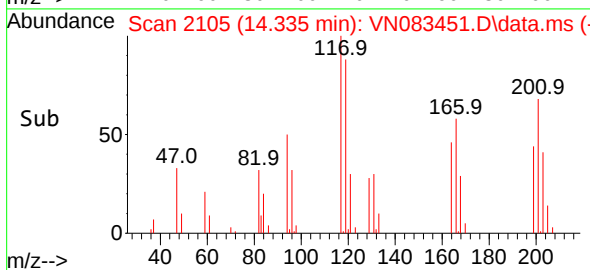
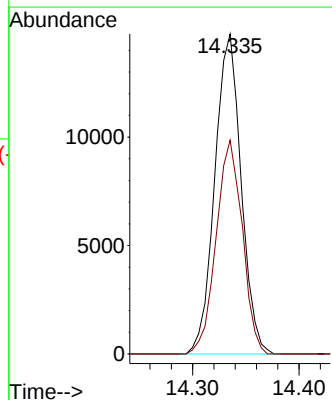
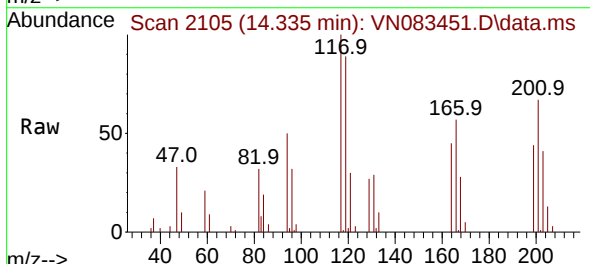
Manual Integrations
APPROVED

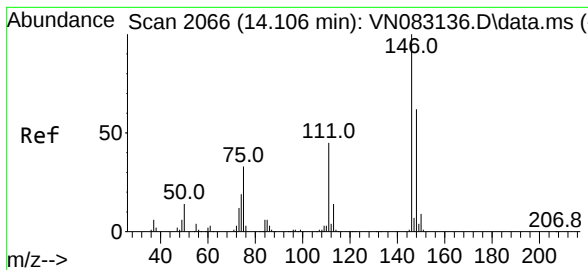
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#90
Hexachloroethane
Concen: 17.988 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Tgt Ion:117 Resp: 25314
Ion Ratio Lower Upper
117 100
201 66.3 35.8 107.3





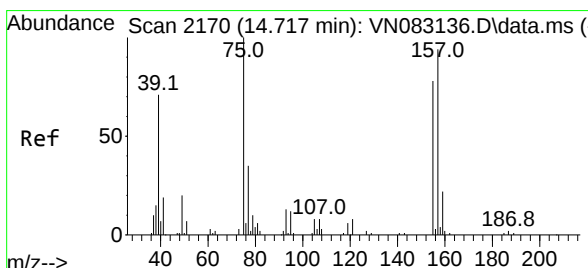
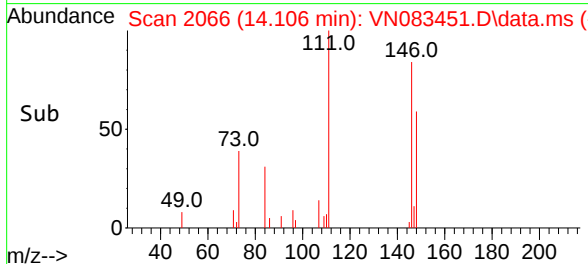
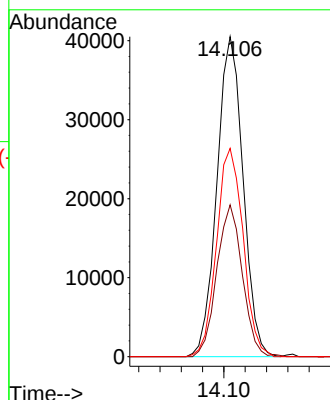
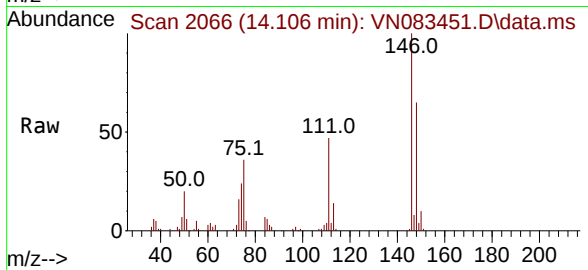
#91
1,2-Dichlorobenzene
Concen: 19.592 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN0823WBS02

Tgt Ion:146 Resp: 6910
Ion Ratio Lower Upper
146 100
111 46.3 21.4 64.2
148 65.9 32.1 96.5

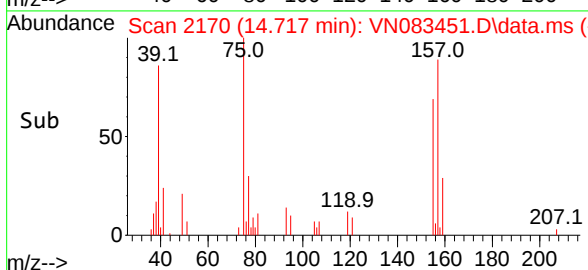
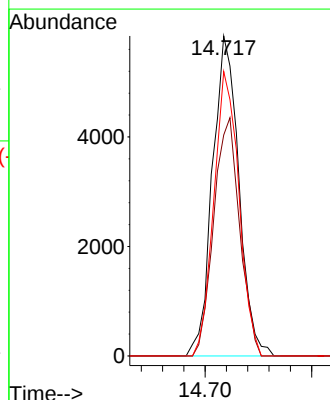
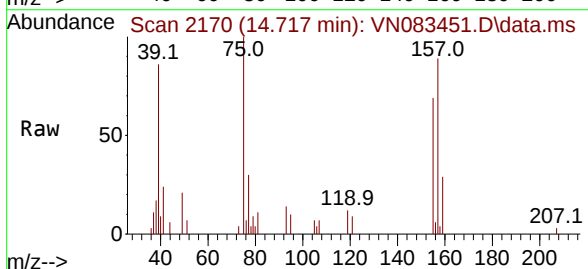
Manual Integrations
APPROVED

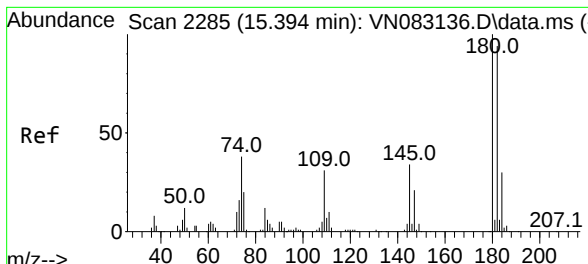
Reviewed By :John Carlone 08/26/2024
Supervised By :Semsettin Yesilyurt 08/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.707 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN083451.D
Acq: 23 Aug 2024 11:14

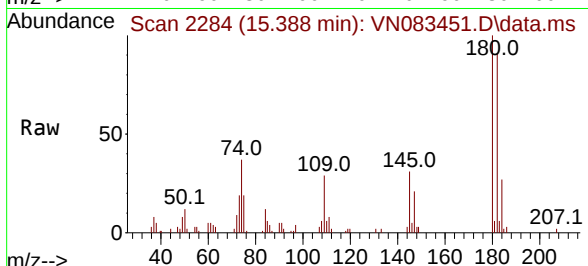
Tgt Ion: 75 Resp: 9999
Ion Ratio Lower Upper
75 100
155 73.6 36.6 109.8
157 84.7 46.9 140.6





#93
 1,2,4-Trichlorobenzene
 Concen: 17.137 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14

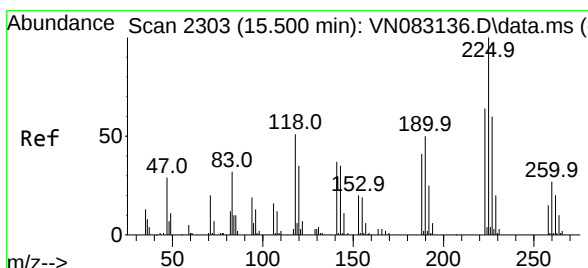
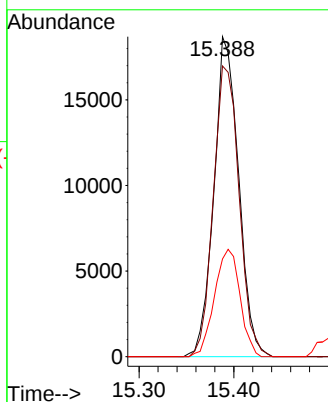
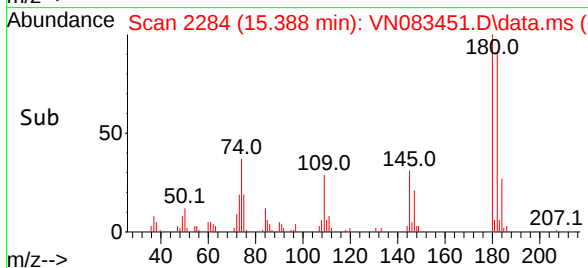
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0823WBS02



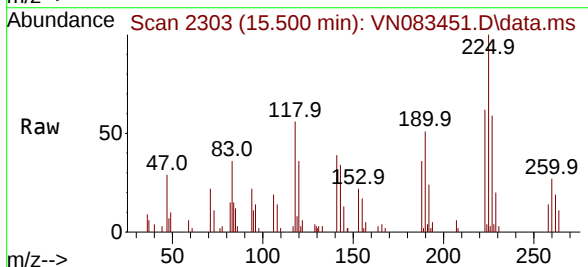
Tgt Ion:180 Resp: 33864
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 141.8
 145 34.7 15.7 47.1

Manual Integrations
 APPROVED

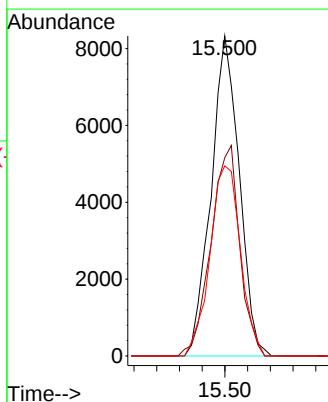
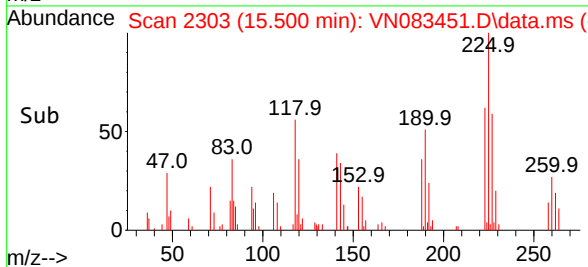
Reviewed By :John Carlone 08/26/2024
 Supervised By :Semsettin Yesilyurt 08/26/2024



#94
 Hexachlorobutadiene
 Concen: 16.325 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.000 min
 Lab File: VN083451.D
 Acq: 23 Aug 2024 11:14



Tgt Ion:225 Resp: 14347
 Ion Ratio Lower Upper
 225 100
 223 66.9 31.9 95.7
 227 64.5 32.5 97.5





#95

Naphthalene

Concen: 16.141 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Instrument :

MSVOA_N

ClientSampleId :

VN0823WBS02

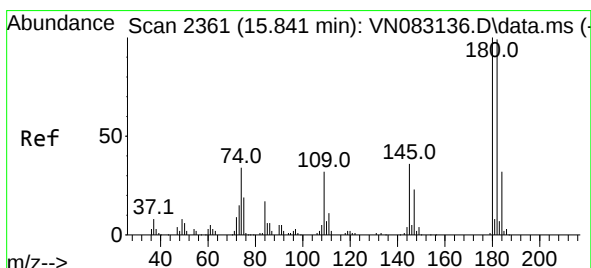
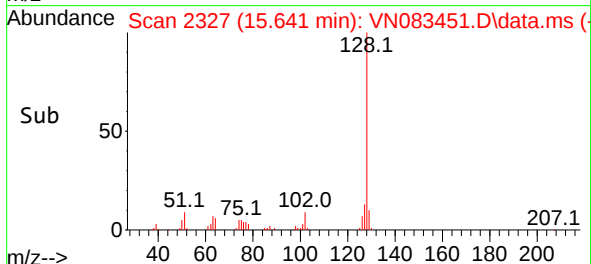
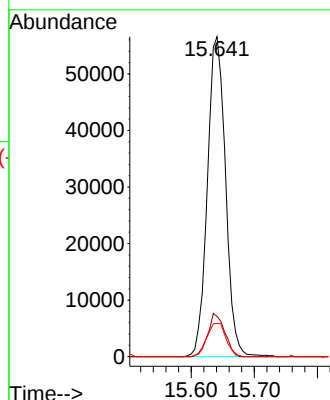
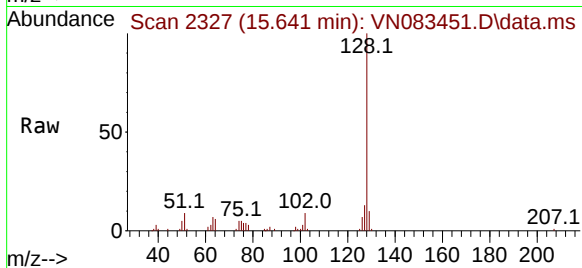
Tgt Ion:	128	Resp:	11298
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/26/2024

Supervised By :Semsettin Yesilyurt 08/26/2024



#96

1,2,3-Trichlorobenzene

Concen: 17.170 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN083451.D

Acq: 23 Aug 2024 11:14

Tgt Ion:	180	Resp:	33573
Ion Ratio	Lower	Upper	
180	100		
182	95.4	48.9	146.8
145	36.6	16.8	50.4

