

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081898.D
 Acq On : 27 Apr 2024 02:21
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Semsettin Yesilyurt 05/14/2024

Quant Time: May 14 11:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:13:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	43136	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	258984	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	219729	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	108837	33.578	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 111.933%#			
60) 4-Bromofluorobenzene	12.847	95	107601	32.032	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 106.767%			
63) Toluene-d8	10.571	98	321507	32.605	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 108.667%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	13698	4.670	ug/l	96
3) Chloromethane	2.359	50	15108	5.126	ug/l #	85
4) Vinyl Chloride	2.512	62	14914	4.244	ug/l	92
5) Bromomethane	2.959	94	9534	4.039	ug/l	85
6) Chloroethane	3.124	64	8206	3.582	ug/l	98
7) Trichlorofluoromethane	3.500	101	21397	4.624	ug/l #	79
8) Diethyl Ether	3.959	74	10107	6.214	ug/l	66
9) 1,1,2-Trichlorotrifluo...	4.371	101	17006m	6.771	ug/l	
10) 1,1-Dichloroethene	4.359	96	15618m	6.345	ug/l	
11) Methyl Iodide	4.594	142	10088	3.827	ug/l	82
12) Methyl Acetate	5.030	43	19162m	8.590	ug/l	
13) Acrolein	4.183	56	19156m	39.379	ug/l	
14) Acrylonitrile	5.724	53	38599	34.847	ug/l #	89
15) Acetone	4.441	58	8383m	32.898	ug/l	
16) Carbon Disulfide	4.712	76	45438	6.726	ug/l	99
17) Allyl chloride	5.030	41	26679m	8.630	ug/l	
18) Methylene Chloride	5.277	84	16714	5.941	ug/l #	79
19) trans-1,2-Dichloroethene	5.777	96	17073m	6.110	ug/l	
20) Diisopropyl ether	6.671	45	51582	6.942	ug/l #	90
21) 1,1-Dichloroethane	6.577	63	27531m	5.782	ug/l	
22) cis-1,2-Dichloroethene	7.494	96	18656m	5.746	ug/l	
23) tert-Butyl Alcohol	5.518	59	16002m	39.656	ug/l	
24) Methyl tert-Butyl Ether	5.788	73	48851	5.986	ug/l #	86
25) Chloroform	7.959	83	26865	5.085	ug/l	98
26) Cyclohexane	8.247	56	26187m	7.303	ug/l	
29) 1,1-Dichloropropene	8.371	75	21126	5.476	ug/l	92
30) 2-Butanone	7.488	43	50406	35.613	ug/l	95
31) 2,2-Dichloropropane	7.494	77	20728	4.719	ug/l #	87
32) 1,1,1-Trichloroethane	8.171	97	22506	4.638	ug/l	95
33) Carbon Tetrachloride	8.365	117	18930	4.630	ug/l	97
34) Benzene	8.606	78	63484	5.385	ug/l #	90
35) Methacrylonitrile	7.777	41	12322	7.407	ug/l	81
36) 1,2-Dichloroethane	8.677	62	21302	5.384	ug/l	95
37) Trichloroethene	9.347	130	18889	6.027	ug/l	89
38) Methylcyclohexane	9.600	83	25673	6.668	ug/l	97
39) 1,2-Dichloropropane	9.618	63	16456	5.885	ug/l	93
40) Dibromomethane	9.712	93	10815	5.084	ug/l	88
41) Bromodichloromethane	9.888	83	22139	5.317	ug/l #	94
42) Vinyl Acetate	6.600	43	217267	35.887	ug/l #	81

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 ALS Vial : 33 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	22886	7.763	ug/l #	77
44) Isopropyl Acetate	8.688	43	39391	7.436	ug/l #	88
45) 1,4-Dioxane	9.694	88	6491	129.207	ug/l #	93
46) Methyl methacrylate	9.682	41	17175	7.086	ug/l	86
47) n-amyl Acetate	12.494	43	32113	6.952	ug/l	89
48) t-1,3-Dichloropropene	10.835	75	23824	5.460	ug/l	93
49) cis-1,3-Dichloropropene	10.318	75	24454	5.172	ug/l #	86
50) 1,1,2-Trichloroethane	11.018	97	13834	4.700	ug/l	93
51) Ethyl methacrylate	10.871	69	25571	6.215	ug/l	79
52) 1,3-Dichloropropane	11.165	76	25879	5.324	ug/l	99
53) Dibromochloromethane	11.359	129	14938	4.656	ug/l	92
54) 1,2-Dibromoethane	11.476	107	13406	4.402	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	68218	32.357	ug/l	97
56) Bromoform	12.582	173	8591	4.204	ug/l #	95
58) 4-Methyl-2-Pentanone	10.447	43	110162m	38.617	ug/l	
59) 2-Hexanone	11.194	43	80270	38.257	ug/l	91
61) Tetrachloroethene	11.106	164	13339	5.314	ug/l	92
62) Toluene	10.635	91	69016	5.734	ug/l	94
64) Chlorobenzene	11.888	112	39893	5.411	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.959	131	13189	4.823	ug/l	95
66) Ethyl Benzene	11.965	91	71446	5.645	ug/l	98
67) m/p-Xylenes	12.076	106	54531	10.972	ug/l	95
68) o-Xylene	12.400	106	26591	5.460	ug/l	97
69) Styrene	12.412	104	43405	5.413	ug/l	95
70) Isopropylbenzene	12.700	105	65743	5.539	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	18825	5.143	ug/l	99
72) 1,2,3-Trichloropropane	13.000	75	15067m	5.259	ug/l	
73) Bromobenzene	12.982	156	15174	5.141	ug/l	88
74) n-propylbenzene	13.035	91	73920	5.480	ug/l	99
75) 2-Chlorotoluene	13.123	91	48555	5.798	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	51798	5.333	ug/l	94
77) t-1,4-Dichloro-2-butene	12.741	75	7387	6.813	ug/l	85
78) 4-Chlorotoluene	13.223	91	46790	5.579	ug/l	99
79) tert-butylbenzene	13.441	119	47778	5.926	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	54649	5.647	ug/l	99
81) sec-Butylbenzene	13.617	105	63652	5.638	ug/l	96
82) p-Isopropyltoluene	13.729	119	48802	5.149	ug/l	97
83) 1,3-Dichlorobenzene	13.735	146	25878	4.874	ug/l	95
84) 1,4-Dichlorobenzene	13.811	146	24772	4.649	ug/l	99
85) n-Butylbenzene	14.059	91	41337	5.286	ug/l	96
86) Hexachloroethane	14.329	117	9728	6.507	ug/l	84
87) 1,2-Dichlorobenzene	14.106	146	25515	4.936	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	4123	6.241	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.847	180	13282	5.253	ug/l	97
90) Hexachlorobutadiene	15.505	225	5978	5.389	ug/l	95
91) Naphthalene	15.641	128	47962	5.342	ug/l	98
92) 1,2,3-Trichlorobenzene	15.847	180	13282	5.253	ug/l	97

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

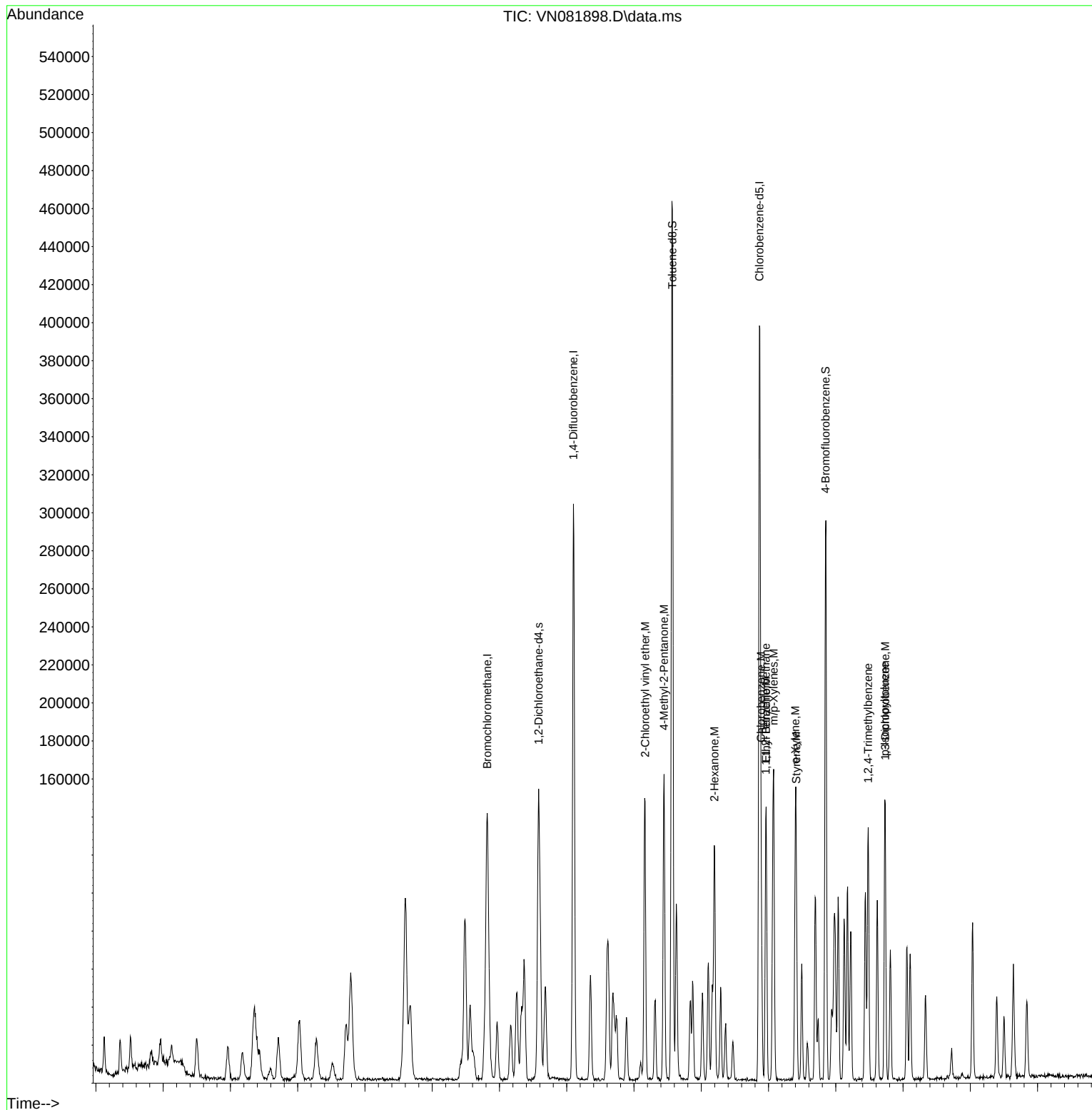
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
Data File : VN081898.D
Acq On : 27 Apr 2024 02:21
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

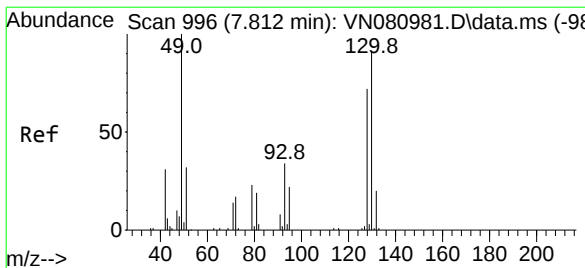
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MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/29/2024
Supervised By : Semsettin Yesilyurt 05/14/2024

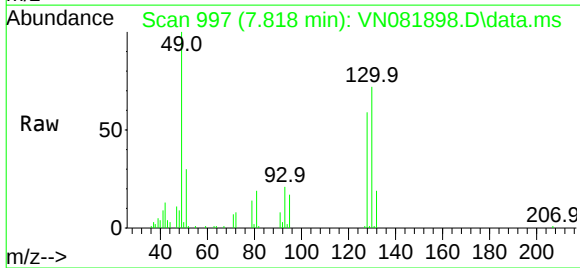
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 14 11:13:26 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

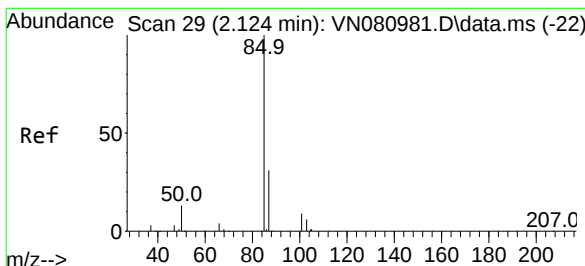
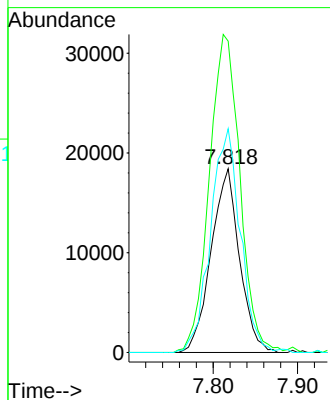
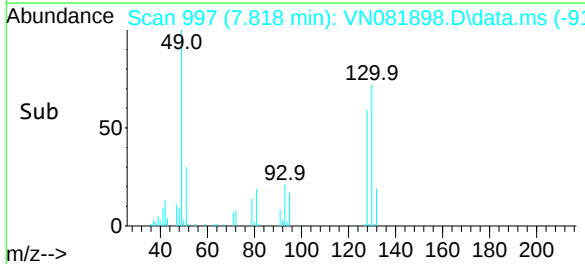
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion:128 Resp: 43136
Ion Ratio Lower Upper
128 100
49 186.6 0.0 403.7
130 127.3 0.0 323.3

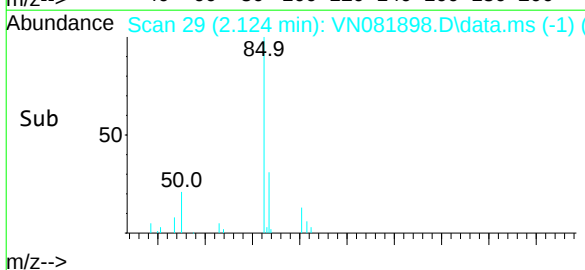
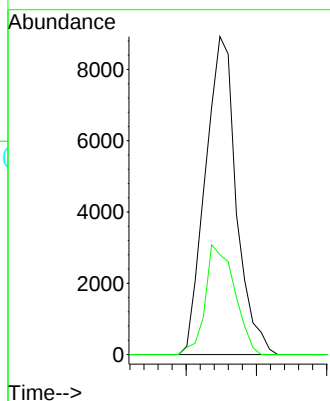
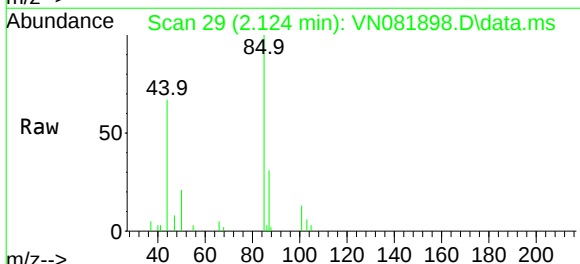
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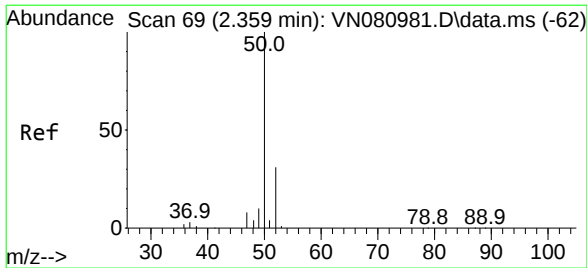
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#2
Dichlorodifluoromethane
Concen: 4.670 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

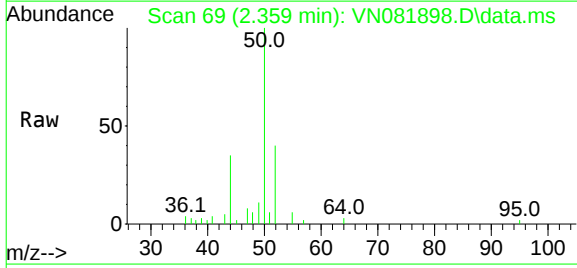
Tgt Ion: 85 Resp: 13698
Ion Ratio Lower Upper
85 100
87 31.4 16.8 50.3





#3
Chloromethane
Concen: 5.126 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

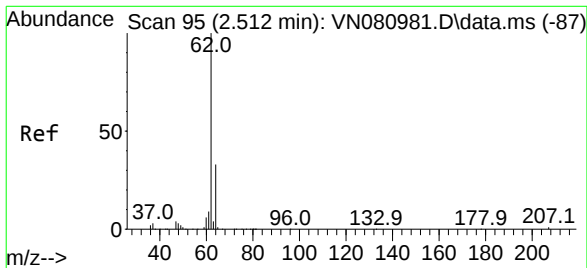
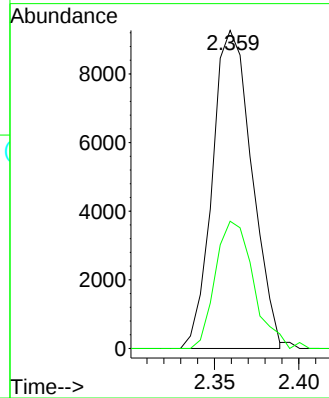
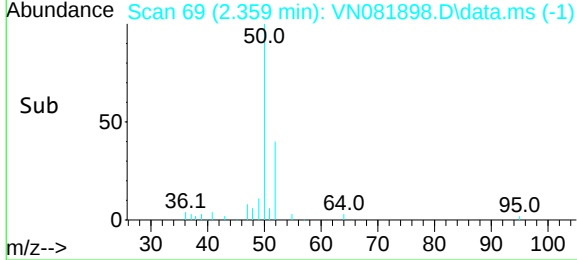
Instrument :
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ClientSampleId :
VSTDICC005



Tgt Ion: 50 Resp: 15108
Ion Ratio Lower Upper
50 100
52 40.0 25.4 38.0

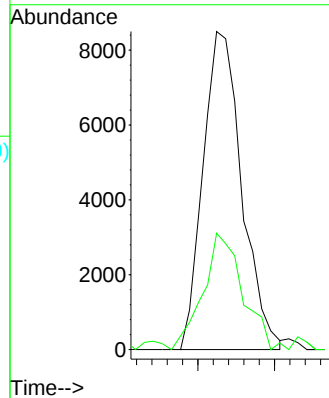
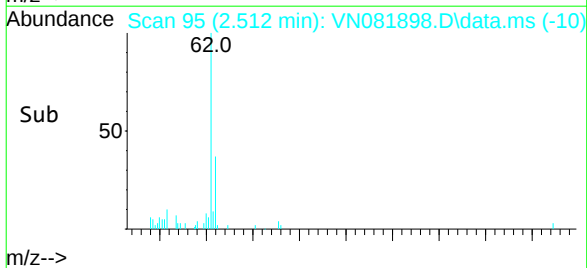
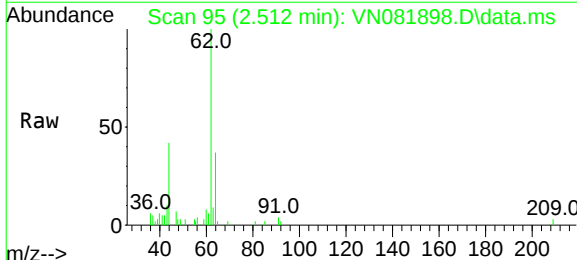
Manual Integrations
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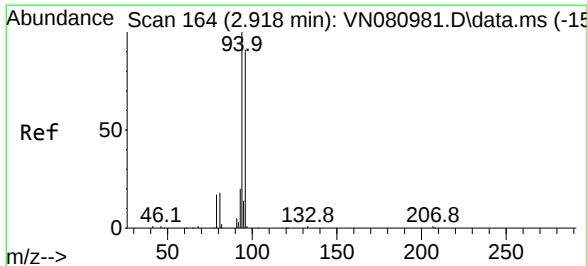
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#4
Vinyl Chloride
Concen: 4.244 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

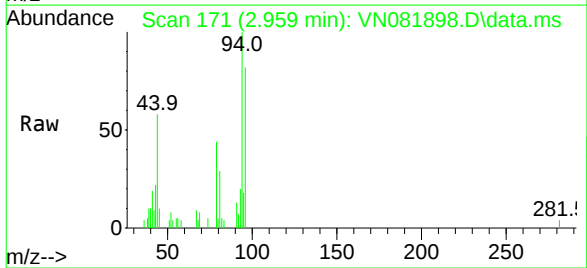
Tgt Ion: 62 Resp: 14914
Ion Ratio Lower Upper
62 100
64 34.5 24.1 36.1





#5
Bromomethane
Concen: 4.039 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.041 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

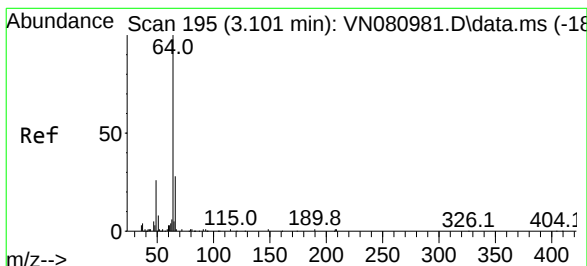
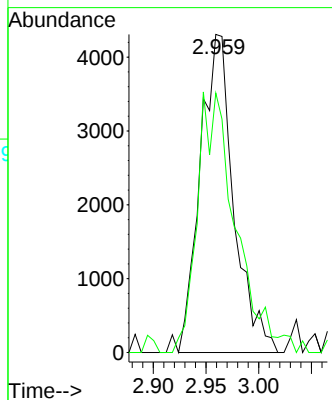
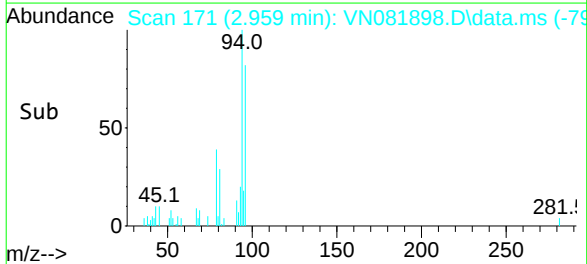
Instrument :
MSVOA_N
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VSTDICC005



Tgt Ion: 94 Resp: 9534
Ion Ratio Lower Upper
94 100
96 77.0 72.8 109.2

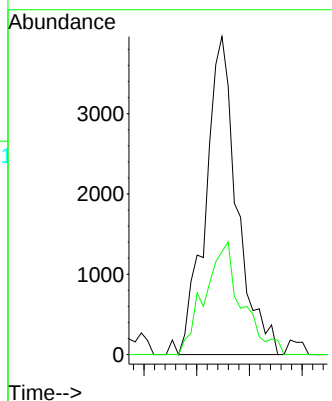
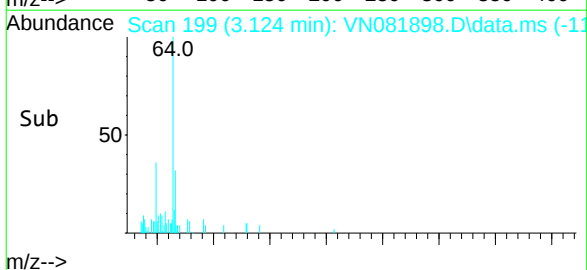
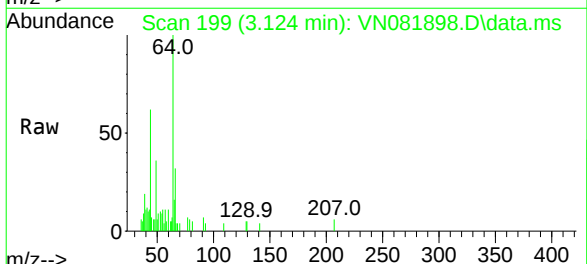
Manual Integrations
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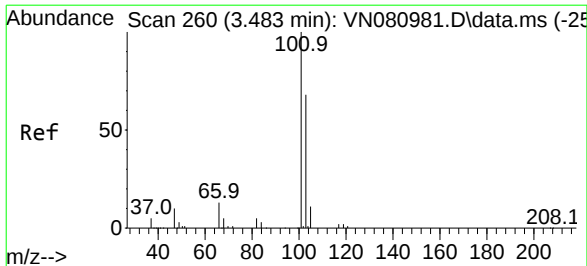
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 3.582 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.023 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

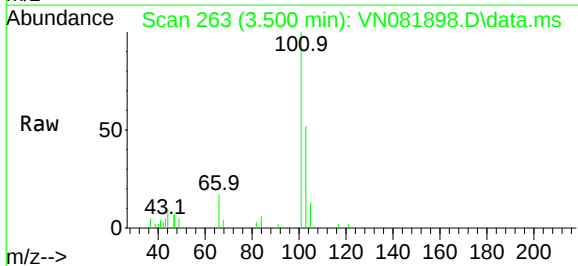
Tgt Ion: 64 Resp: 8206
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 4.624 ug/l
 RT: 3.500 min Scan# 260
 Delta R.T. 0.017 min
 Lab File: VN081898.D
 Acq: 27 Apr 2024 02:21

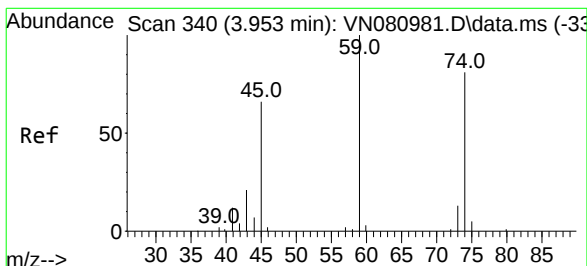
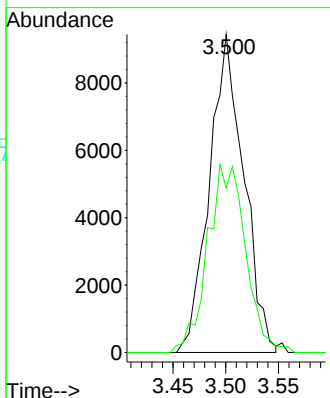
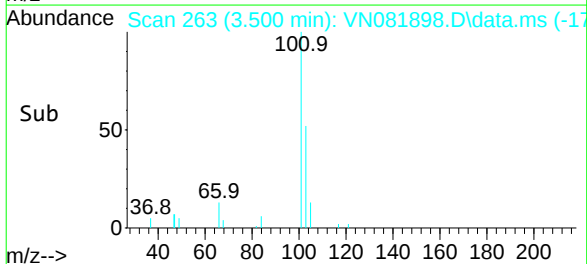
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



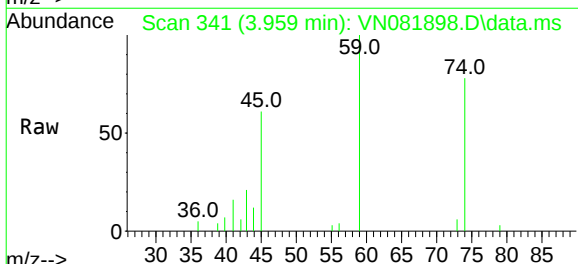
Tgt Ion: 101 Resp: 21397
 Ion Ratio Lower Upper
 101 100
 103 49.7 53.0 79.4

Manual Integrations
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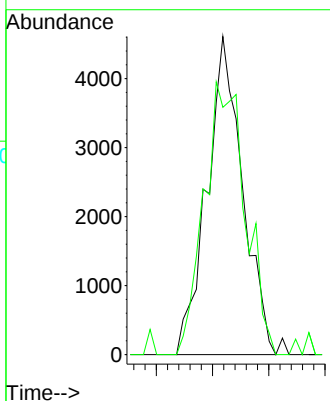
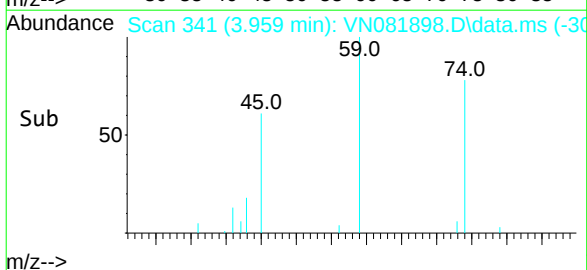
Reviewed By : John Carlone 04/29/2024
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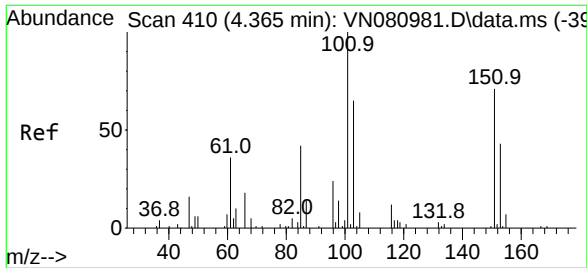


#8
 Diethyl Ether
 Concen: 6.214 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN081898.D
 Acq: 27 Apr 2024 02:21



Tgt Ion: 74 Resp: 10107
 Ion Ratio Lower Upper
 74 100
 45 51.2 16.4 147.4





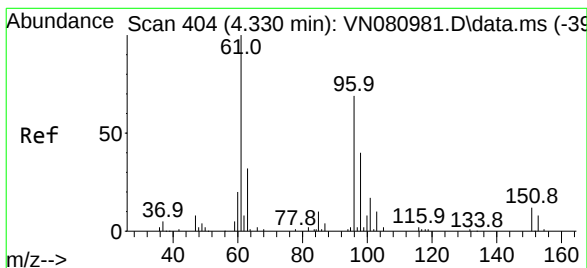
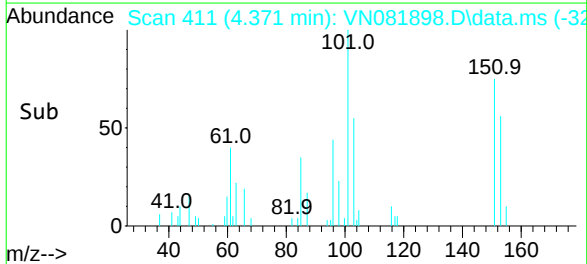
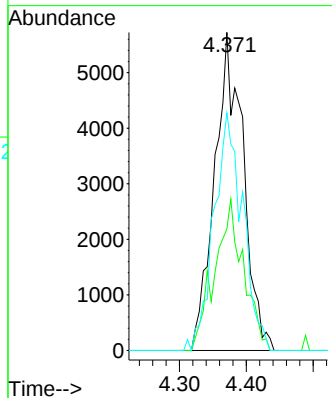
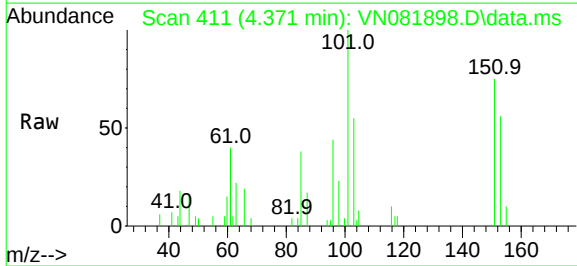
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.771 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 101 Resp: 17006
Ion Ratio Lower Upper
101 100
85 17.3 0.0 90.6
151 58.0 0.0 157.6

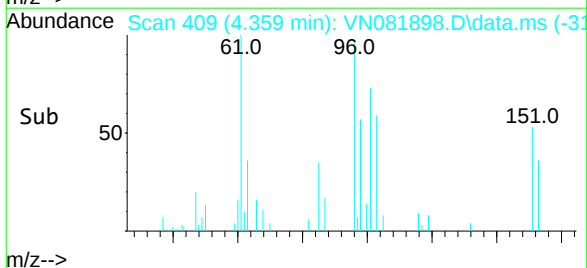
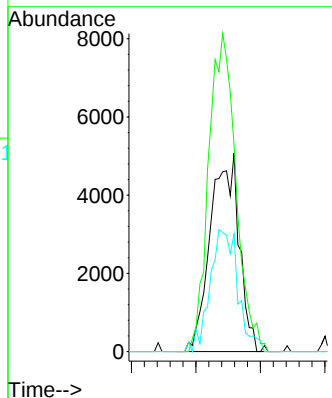
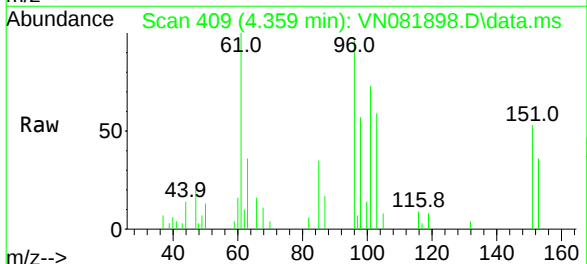
Manual Integrations
APPROVED

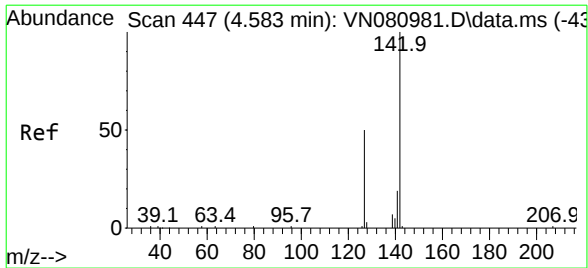
Reviewed By : John Carlone 04/29/2024
Supervised By : Semsettin Yesilyurt 05/14/2024



#10
1,1-Dichloroethene
Concen: 6.345 ug/l m
RT: 4.359 min Scan# 409
Delta R.T. 0.029 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 96 Resp: 15618
Ion Ratio Lower Upper
96 100
61 103.8 117.6 176.4#
98 59.4 48.4 72.6





#11
Methyl Iodide
Concen: 3.827 ug/l
RT: 4.594 min Scan# 447
Delta R.T. 0.012 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

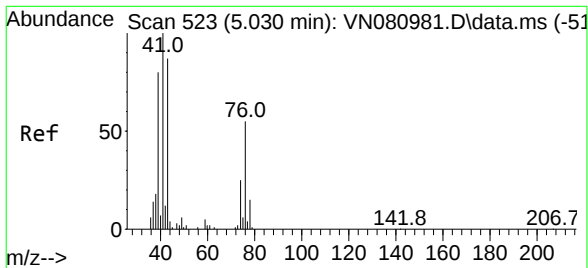
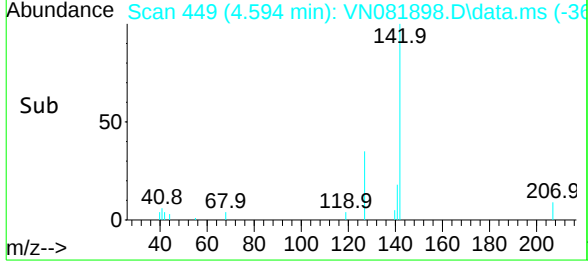
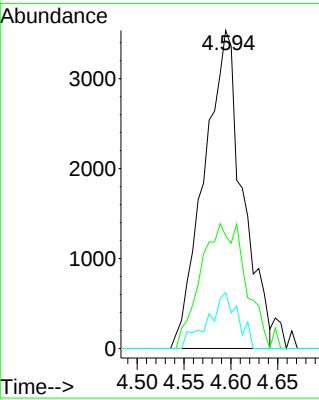
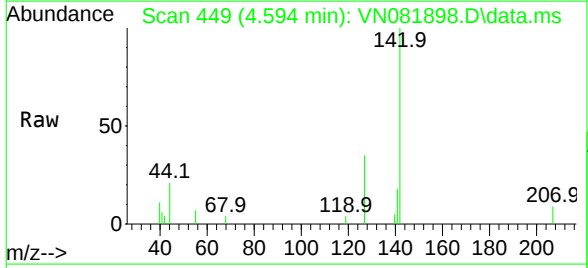
ClientSampleId :

VSTDICC005

Tgt Ion:	142	Resp:	10088
Ion Ratio	Lower	Upper	
142	100		
127	36.6	26.3	78.9
141	18.2	8.3	24.9

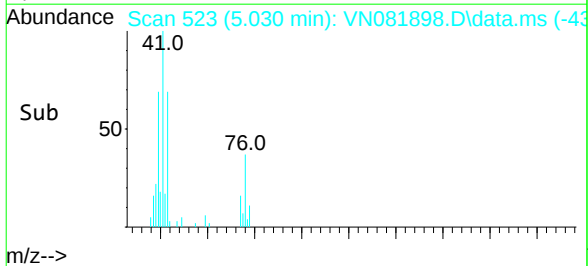
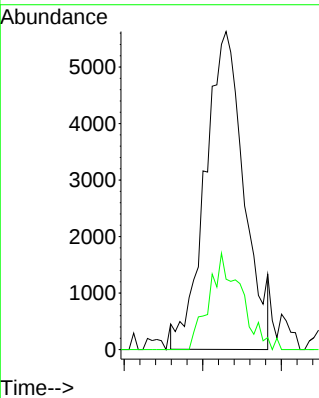
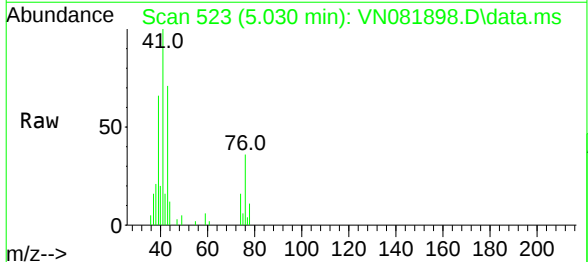
Manual Integrations
APPROVED

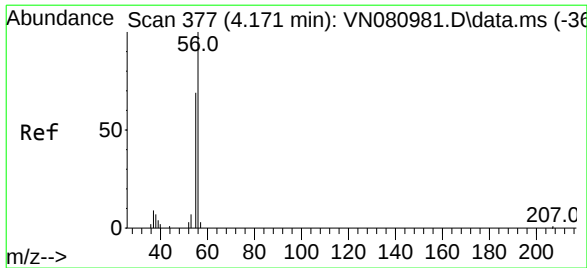
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#12
Methyl Acetate
Concen: 8.590 ug/l m
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

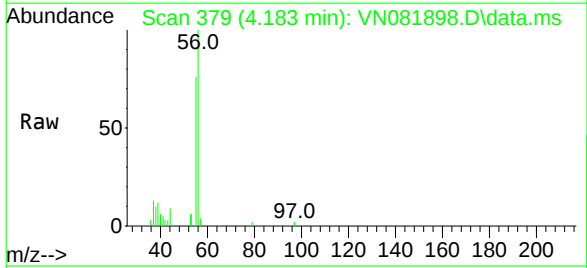
Tgt Ion:	43	Resp:	19162
Ion Ratio	Lower	Upper	
43	100		
74	22.1	27.7	41.5#





#13
Acrolein
Concen: 39.379 ug/l m
RT: 4.183 min Scan# 377
Delta R.T. 0.012 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

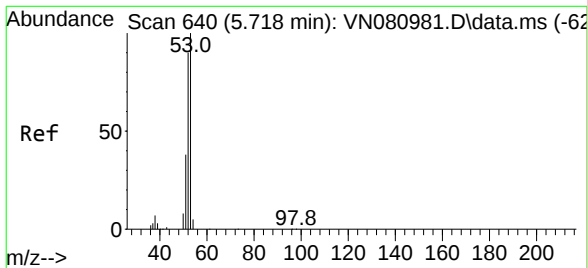
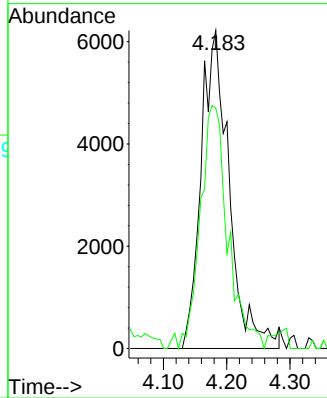
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 19156
Ion Ratio Lower Upper
56 100
55 0.9 55.5 83.3#

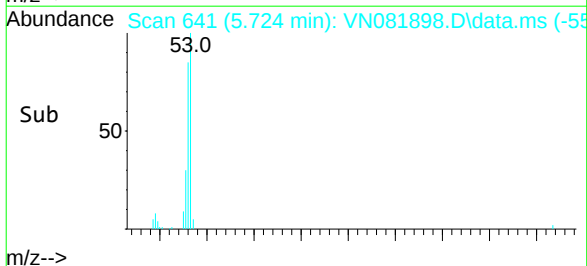
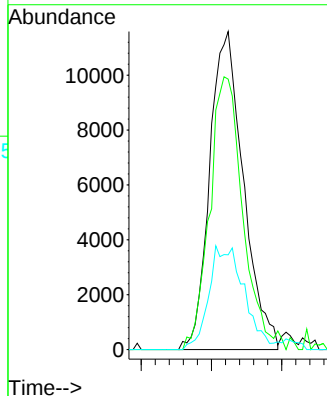
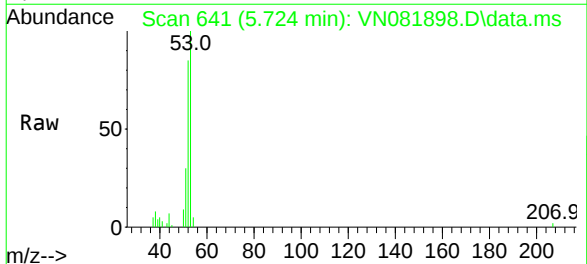
Manual Integrations
APPROVED

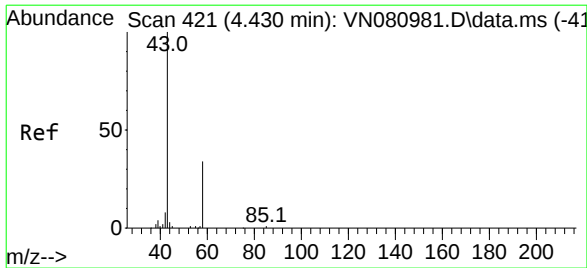
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Acrylonitrile
Concen: 34.847 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

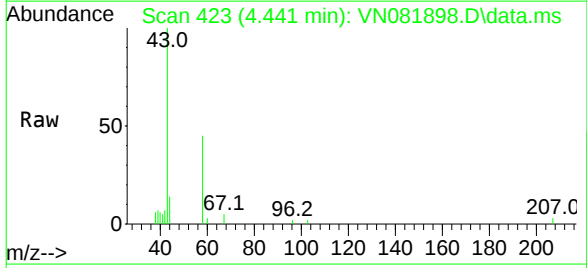
Tgt Ion: 53 Resp: 38599
Ion Ratio Lower Upper
53 100
52 83.4 41.3 123.9
51 12.7 16.8 50.3#





#15
Acetone
Concen: 32.898 ug/l m
RT: 4.441 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

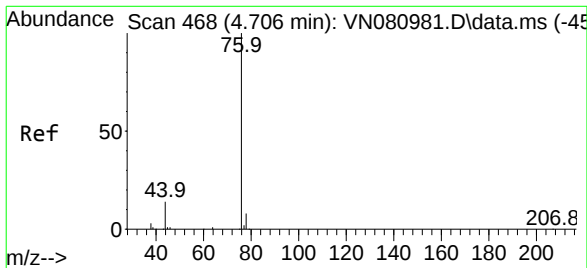
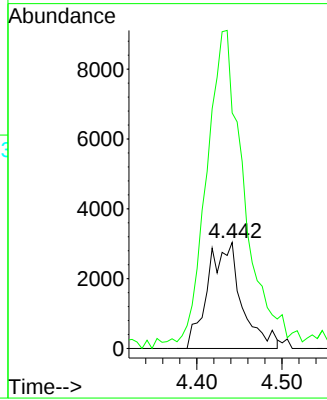
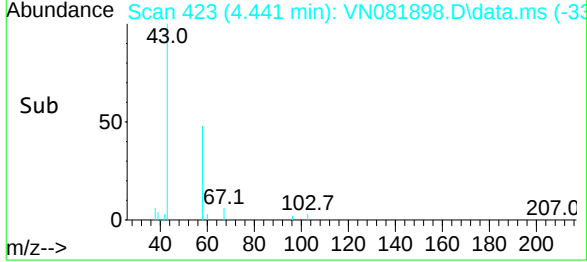
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 58 Resp: 8383
Ion Ratio Lower Upper
58 100
43 222.2 223.1 334.7#

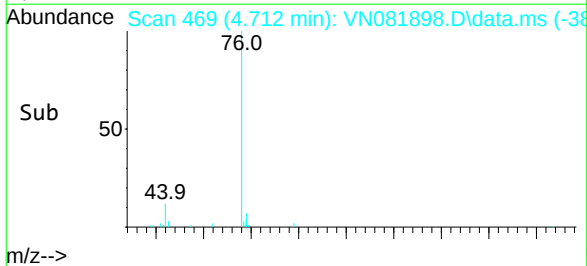
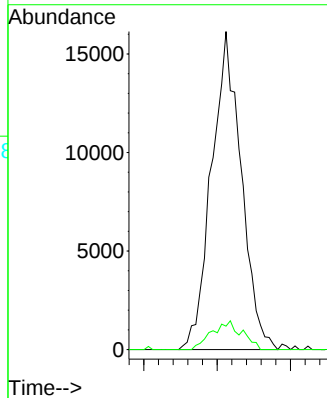
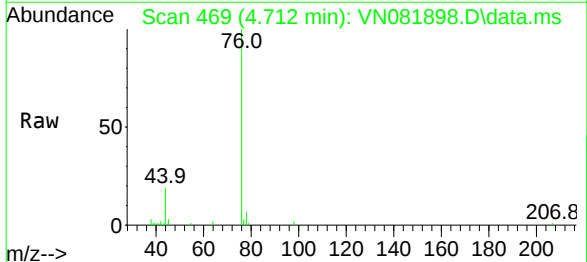
Manual Integrations
APPROVED

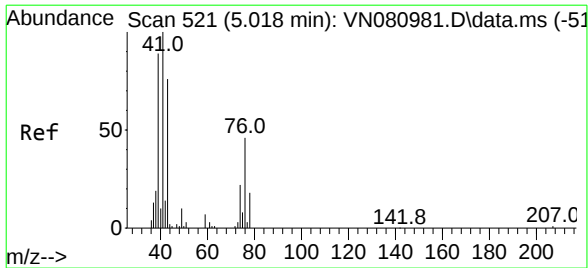
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#16
Carbon Disulfide
Concen: 6.726 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

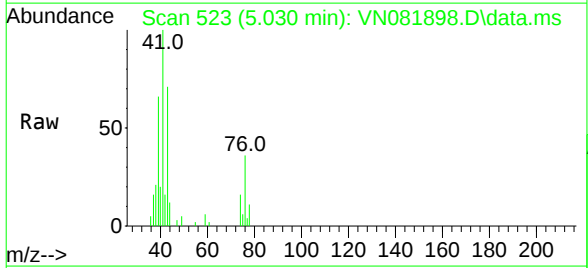
Tgt Ion: 76 Resp: 45438
Ion Ratio Lower Upper
76 100
78 7.4 6.3 9.5





#17
Allyl chloride
Concen: 8.630 ug/l m
RT: 5.030 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

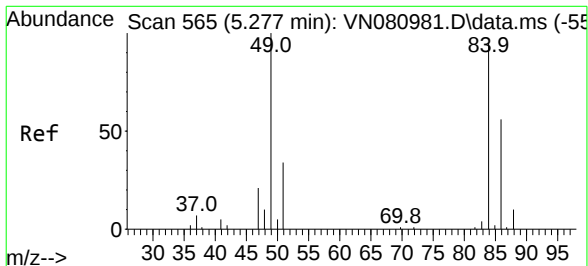
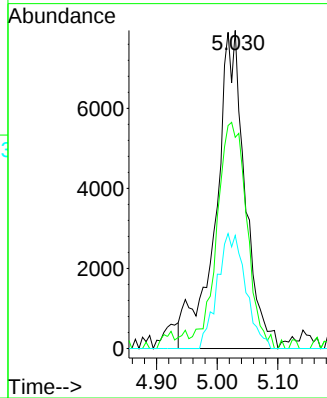
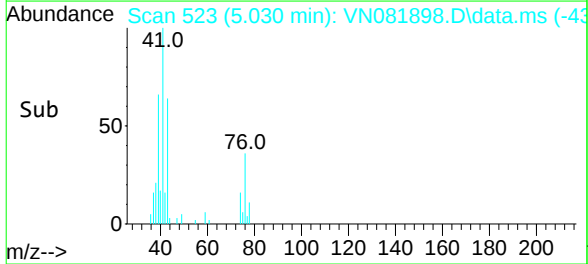
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 26679
Ion Ratio Lower Upper
41 100
39 66.4 37.6 112.9
76 35.5 27.8 83.4

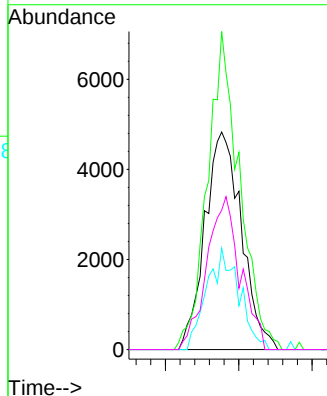
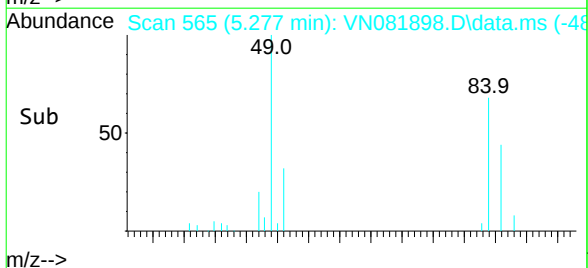
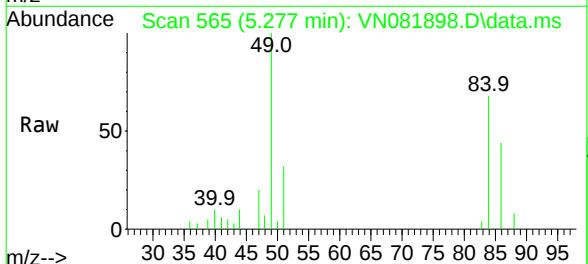
Manual Integrations
APPROVED

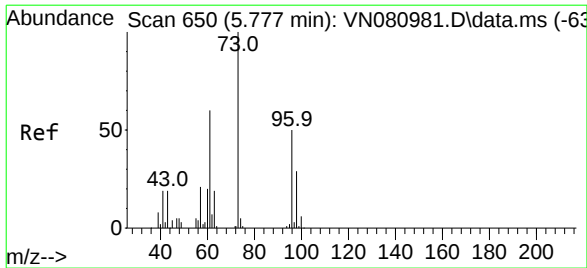
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methylene Chloride
Concen: 5.941 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

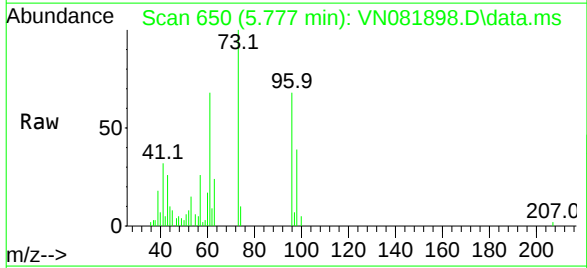
Tgt Ion: 84 Resp: 16714
Ion Ratio Lower Upper
84 100
49 143.0 86.0 129.0#
51 46.6 30.0 45.0#
86 64.1 53.0 79.4





#19
trans-1,2-Dichloroethene
Concen: 6.110 ug/l m
RT: 5.777 min Scan# 650
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

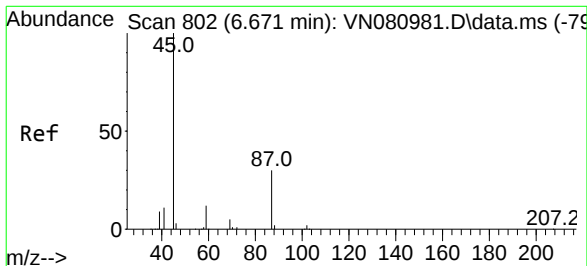
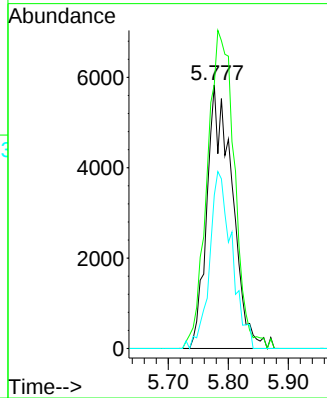
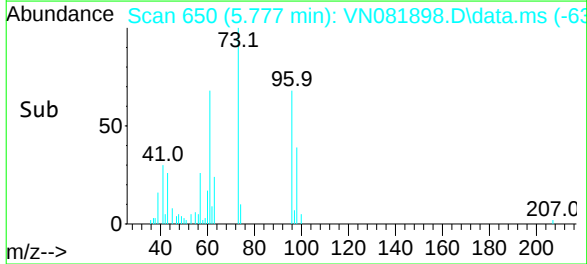
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 96 Resp: 17073
Ion Ratio Lower Upper
96 100
61 100.2 111.8 167.6#
98 58.2 49.2 73.8

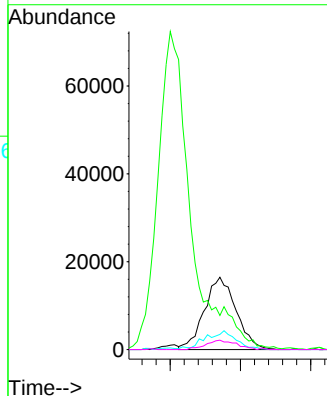
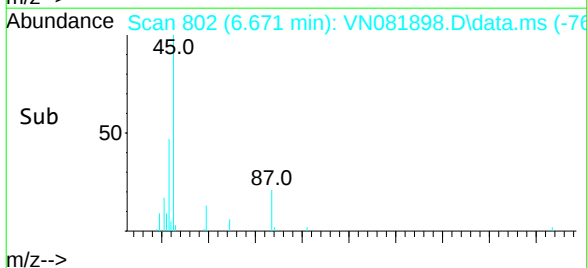
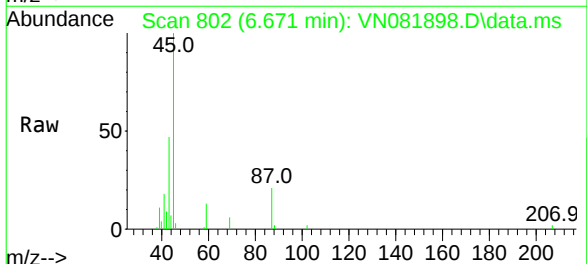
Manual Integrations
APPROVED

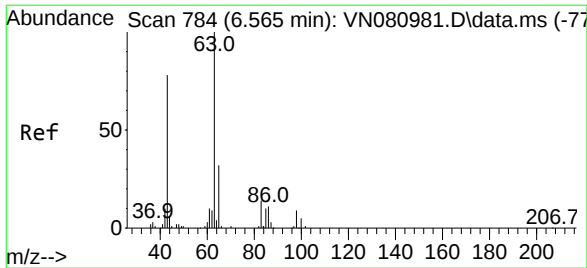
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
Diisopropyl ether
Concen: 6.942 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

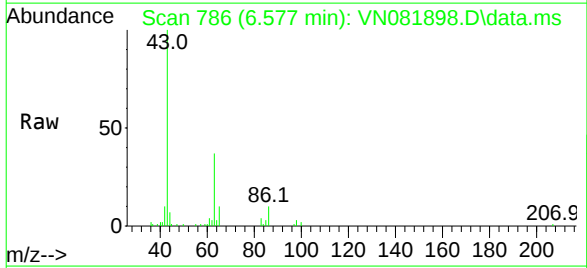
Tgt Ion: 45 Resp: 51582
Ion Ratio Lower Upper
45 100
43 45.3 40.4 60.6
87 21.0 23.8 35.8#
59 13.0 9.8 14.6





#21
1,1-Dichloroethane
Concen: 5.782 ug/l m
RT: 6.577 min Scan# 784
Delta R.T. 0.012 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

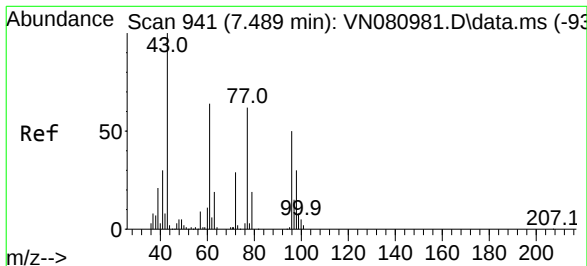
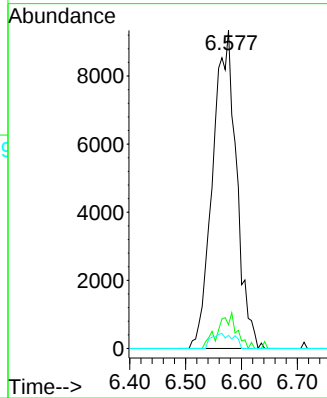
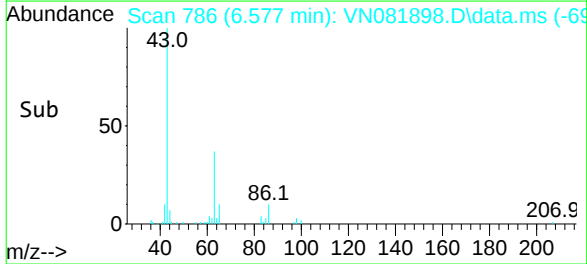
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 63 Resp: 27531
Ion Ratio Lower Upper
63 100
98 7.5 4.1 12.3
100 4.1 3.0 9.0

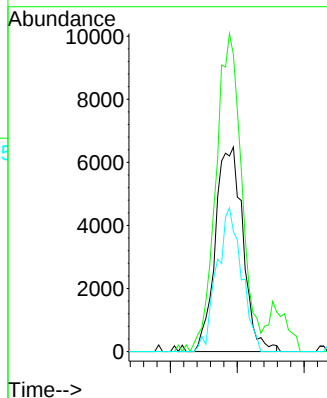
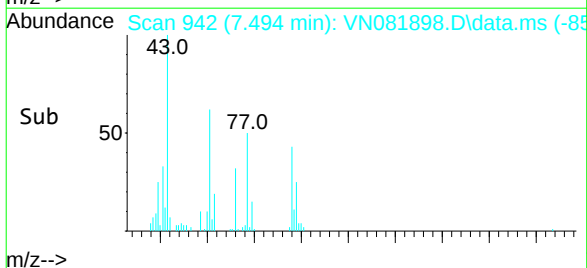
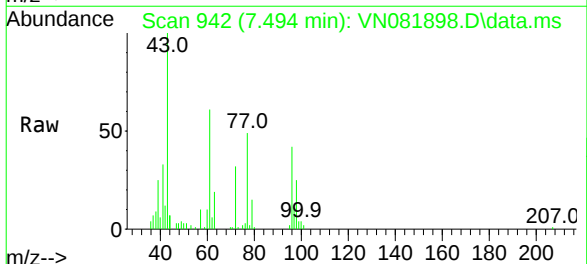
Manual Integrations
APPROVED

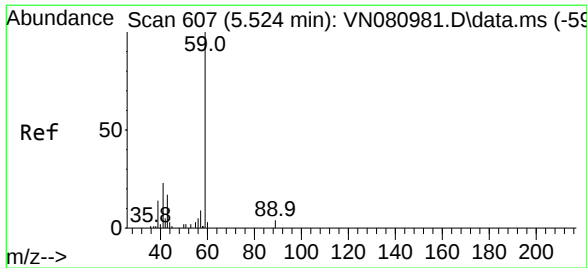
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#22
cis-1,2-Dichloroethene
Concen: 5.746 ug/l m
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 96 Resp: 18656
Ion Ratio Lower Upper
96 100
61 143.9 113.5 170.3
98 61.3 52.0 78.0





#23

tert-Butyl Alcohol

Concen: 39.656 ug/l m

RT: 5.518 min Scan# 607

Delta R.T. -0.006 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion: 59 Resp: 16002

Ion Ratio Lower Upper

59 100

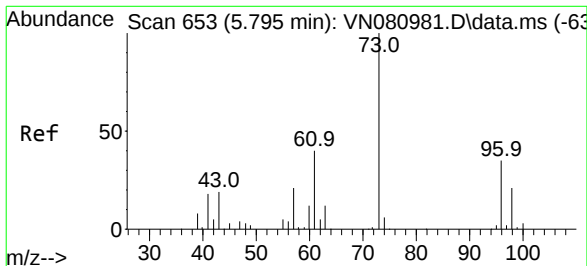
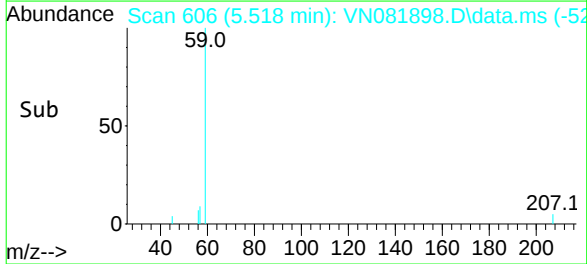
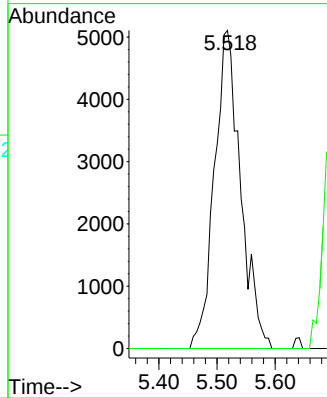
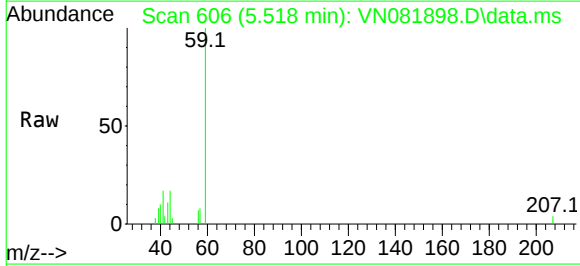
52 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#24

Methyl tert-Butyl Ether

Concen: 5.986 ug/l

RT: 5.788 min Scan# 652

Delta R.T. -0.006 min

Lab File: VN081898.D

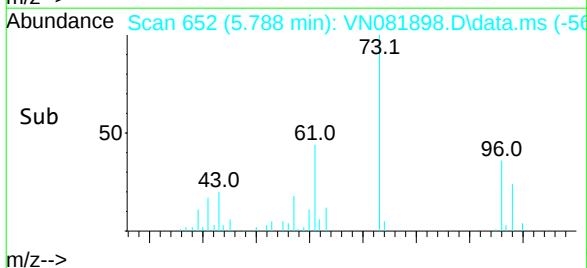
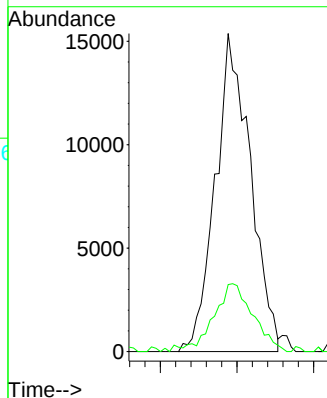
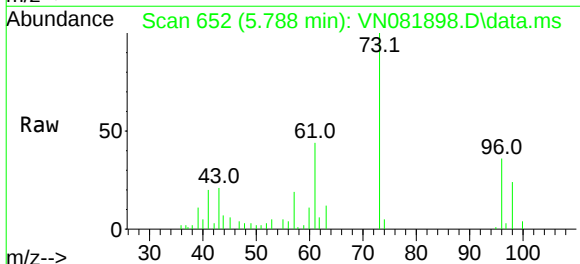
Acq: 27 Apr 2024 02:21

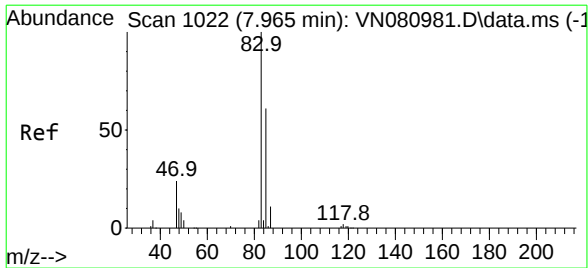
Tgt Ion: 73 Resp: 48851

Ion Ratio Lower Upper

73 100

43 22.7 13.4 20.2#





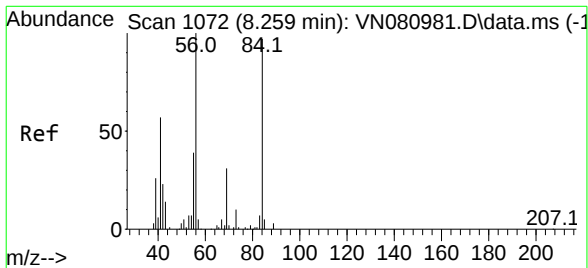
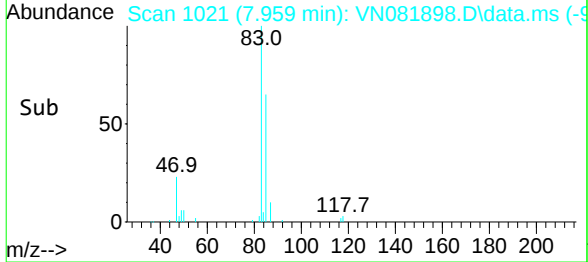
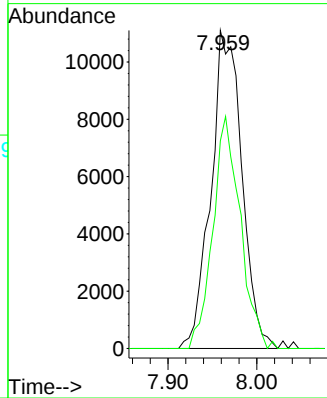
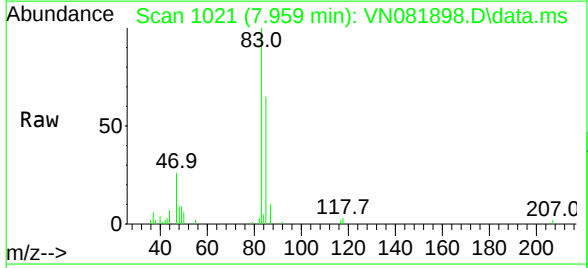
#25
Chloroform
Concen: 5.085 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 26865
Ion Ratio Lower Upper
83 100
85 65.3 50.9 76.3

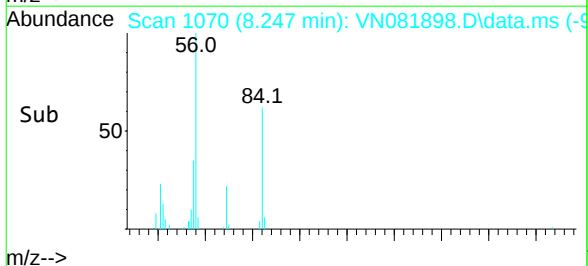
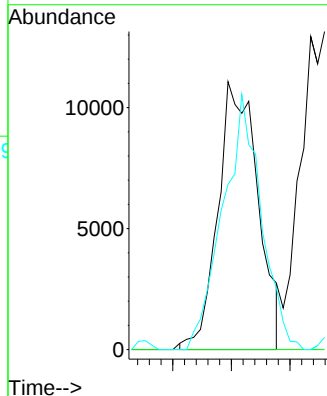
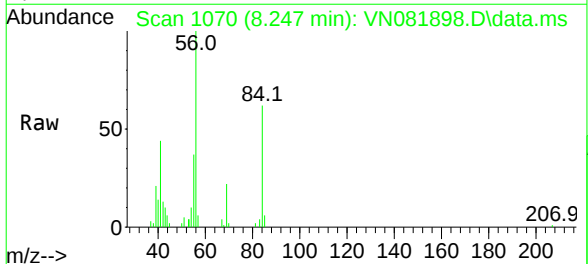
Manual Integrations
APPROVED

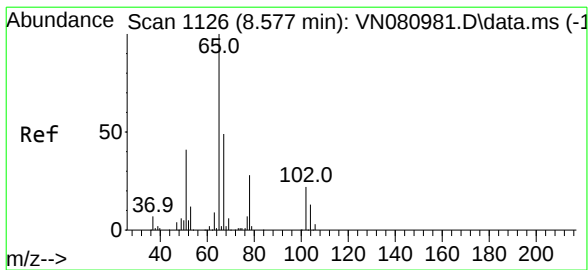
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#26
Cyclohexane
Concen: 7.303 ug/l m
RT: 8.247 min Scan# 1070
Delta R.T. -0.012 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 56 Resp: 26187
Ion Ratio Lower Upper
56 100
89 0.0 19.3 28.9#
84 91.8 71.3 106.9





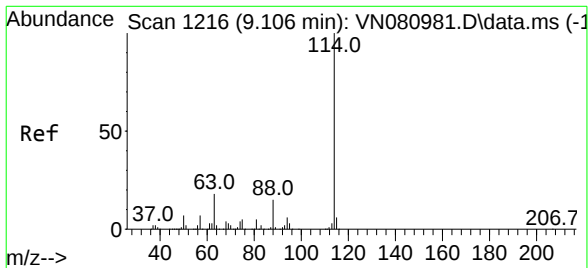
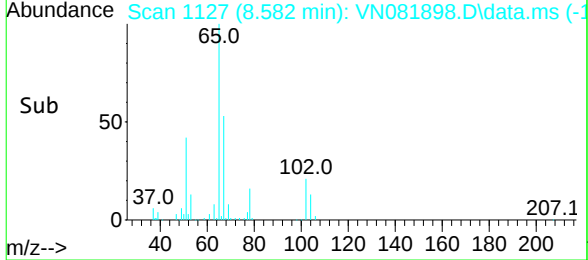
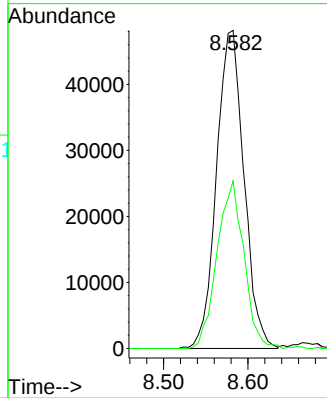
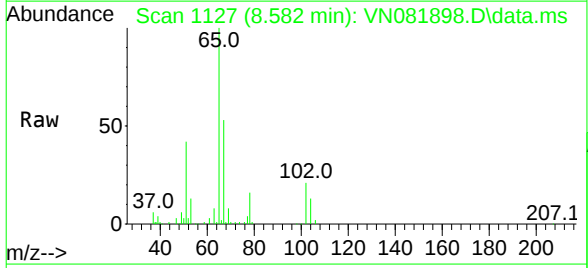
#27
1,2-Dichloroethane-d4
Concen: 33.578 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 65 Resp: 108837
Ion Ratio Lower Upper
65 100
67 51.2 43.2 64.8

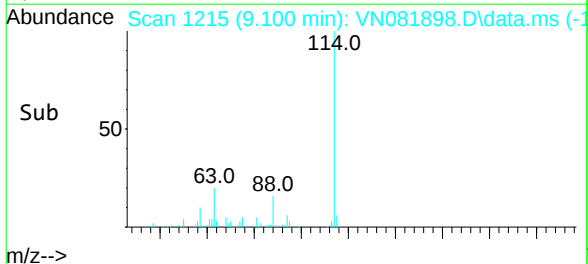
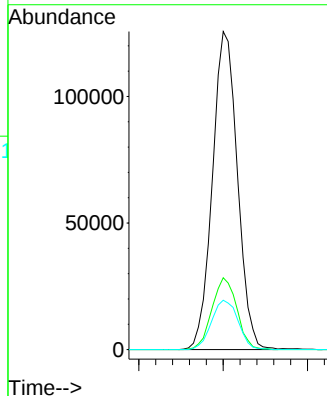
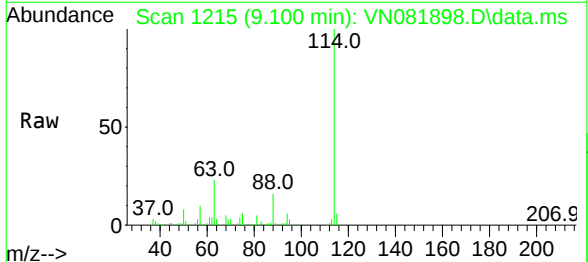
Manual Integrations
APPROVED

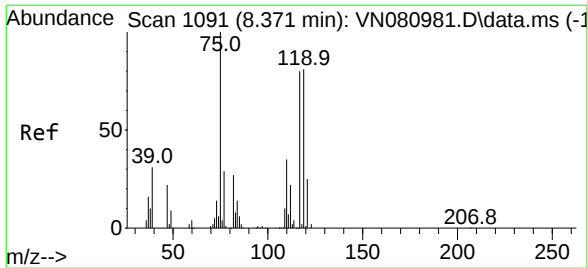
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion:114 Resp: 258984
Ion Ratio Lower Upper
114 100
63 22.5 15.9 23.9
88 16.5 12.7 19.1





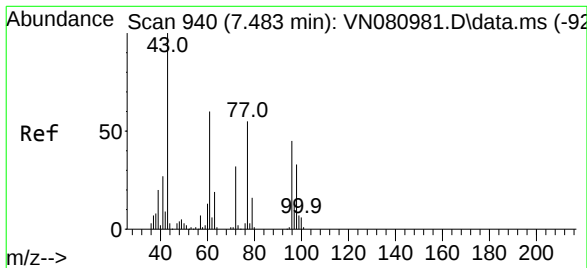
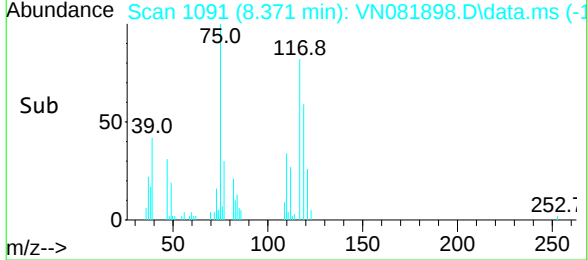
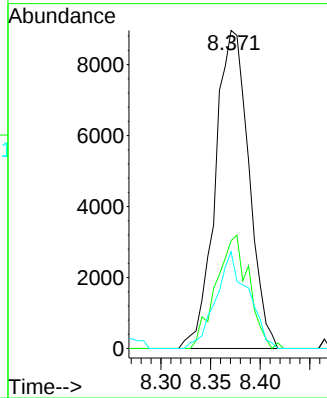
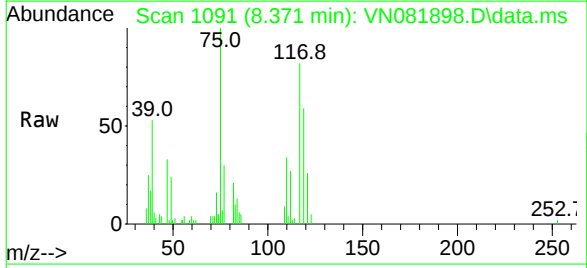
#29
1,1-Dichloropropene
Concen: 5.476 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	0.0	70.2
77	22.1	0.0	61.4

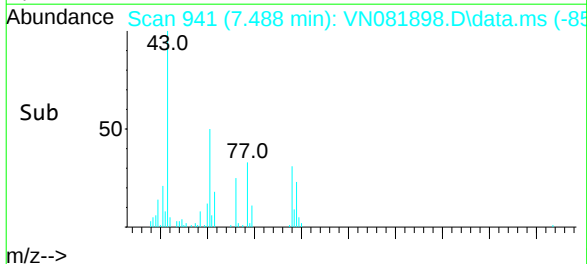
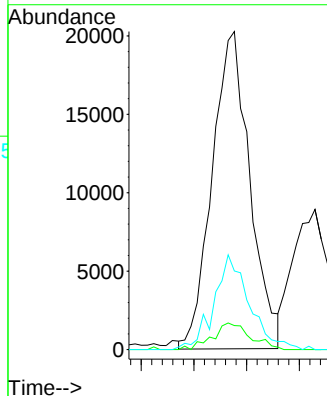
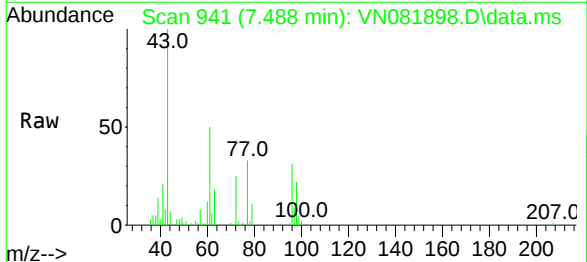
Manual Integrations
APPROVED

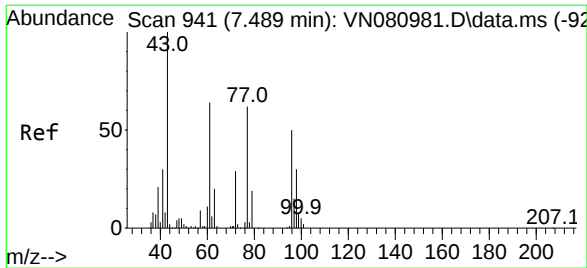
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
2-Butanone
Concen: 35.613 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

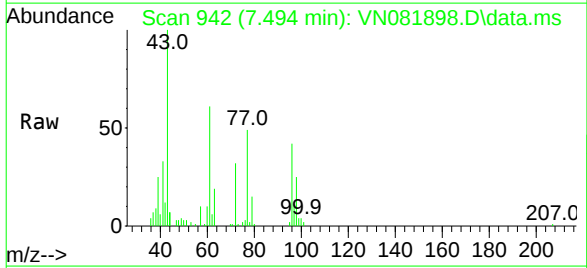
Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	6.7	10.1
72	27.2	24.0	36.0





#31
2,2-Dichloropropane
Concen: 4.719 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

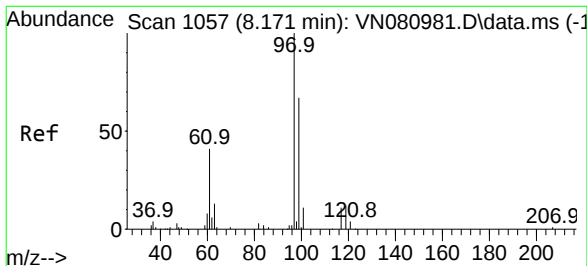
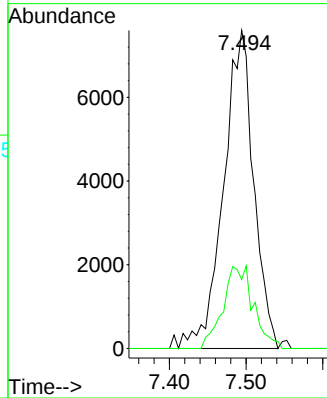
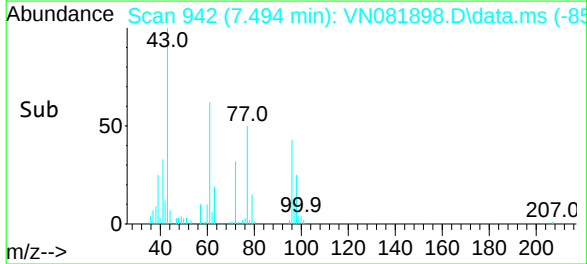
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 77 Resp: 20728
Ion Ratio Lower Upper
77 100
97 16.7 18.3 27.5#

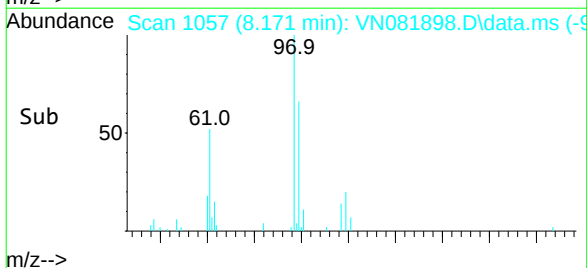
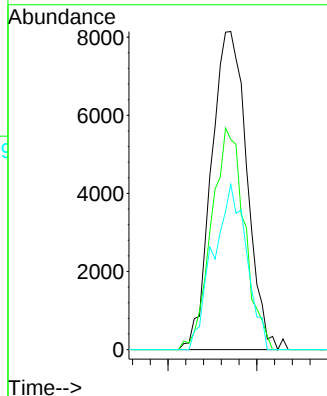
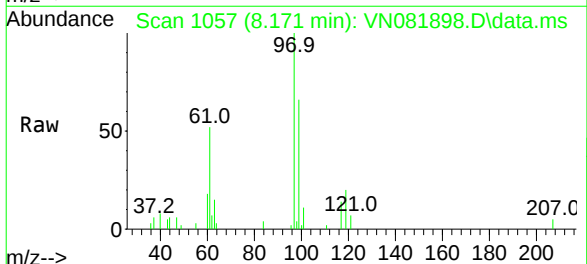
Manual Integrations
APPROVED

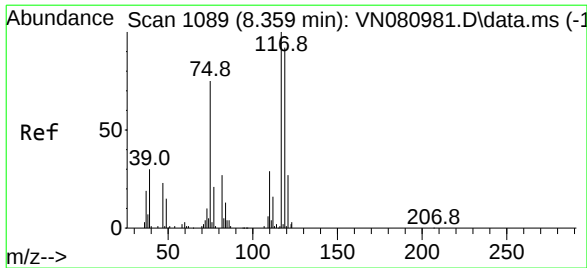
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 4.638 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 97 Resp: 22506
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 49.0 33.8 50.8





#33

Carbon Tetrachloride

Concen: 4.630 ug/l

RT: 8.365 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VN081898.D

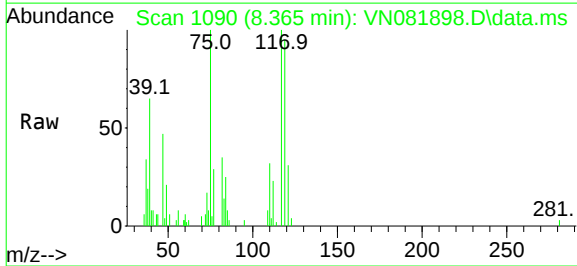
Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005



Tgt Ion: 117 Resp: 18930

Ion Ratio Lower Upper

117 100

119 95.2 77.7 116.5

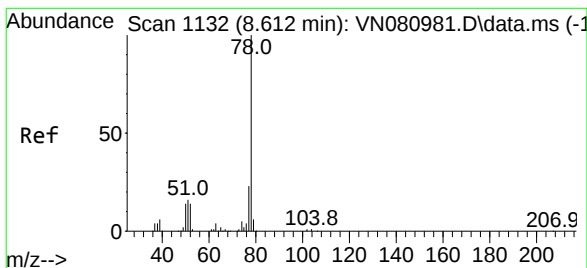
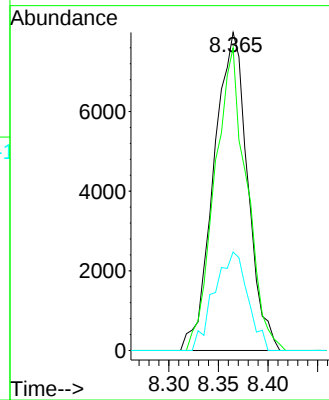
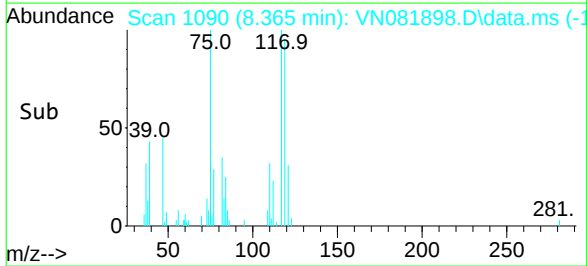
121 31.0 27.0 40.6

Manual Integrations

APPROVED

Reviewed By : John Carlone 04/29/2024

Supervised By : Semsettin Yesilyurt 05/14/2024



#34

Benzene

Concen: 5.385 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

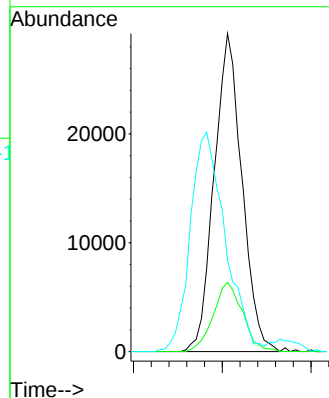
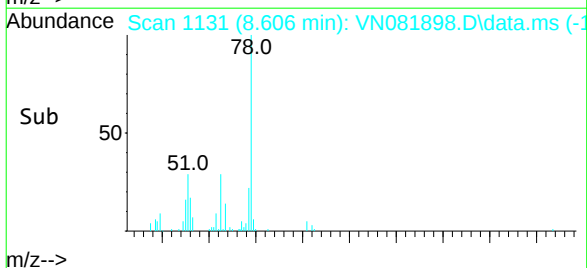
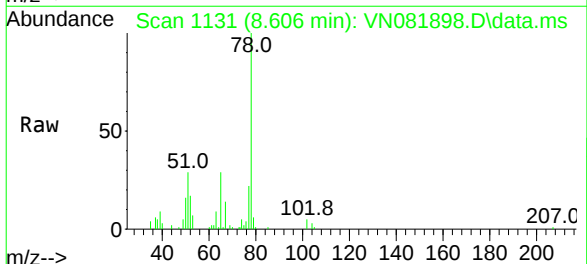
Tgt Ion: 78 Resp: 63484

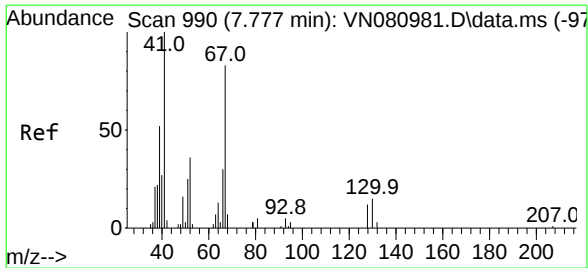
Ion Ratio Lower Upper

78 100

77 21.8 19.2 28.8

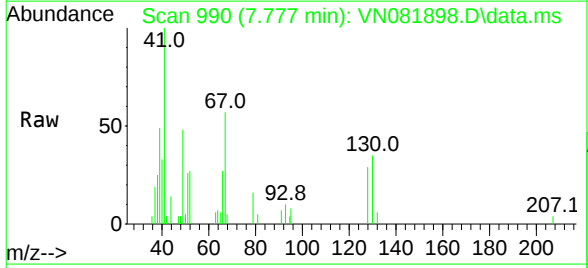
51 24.8 13.3 19.9#





#35
Methacrylonitrile
Concen: 7.407 ug/l
RT: 7.777 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

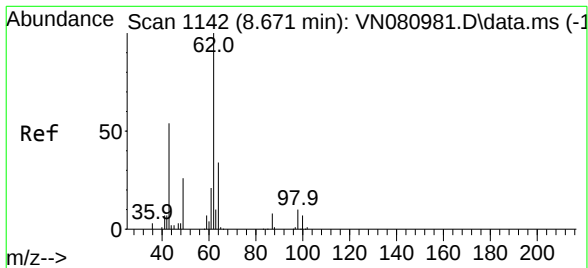
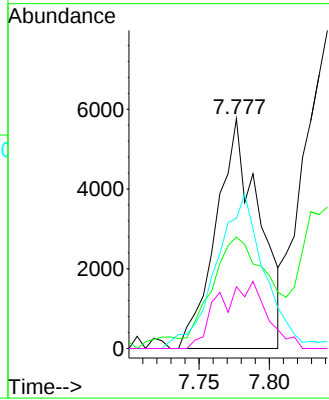
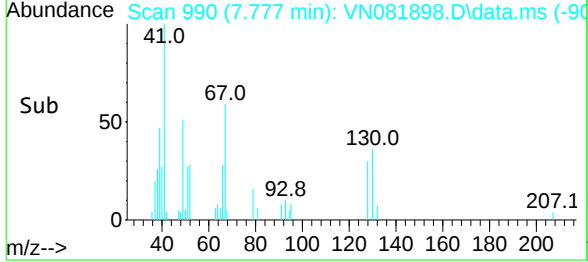
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 12322
Ion Ratio Lower Upper
41 100
39 44.2 25.3 75.9
67 50.6 38.7 116.1
52 26.9 13.6 40.8

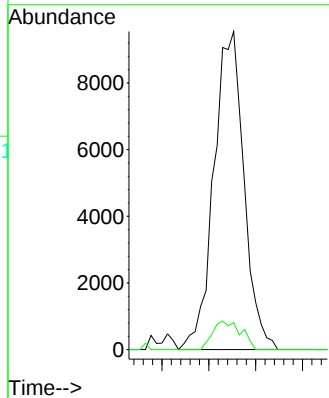
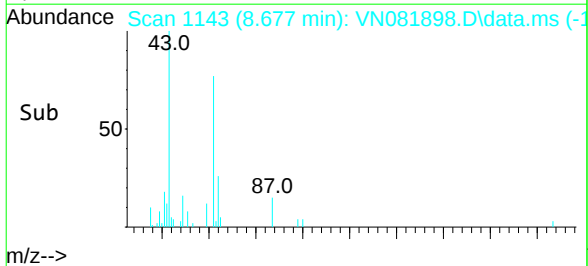
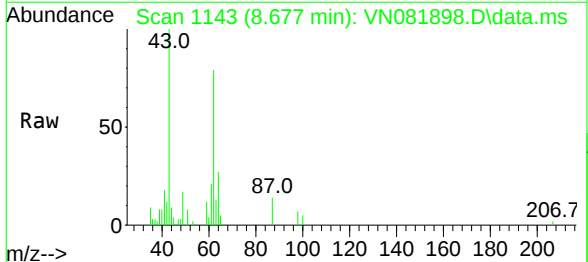
Manual Integrations
APPROVED

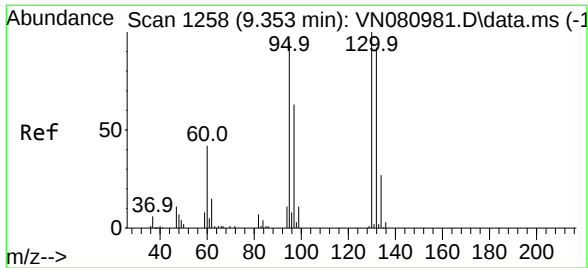
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#36
1,2-Dichloroethane
Concen: 5.384 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 62 Resp: 21302
Ion Ratio Lower Upper
62 100
98 8.5 8.2 12.4





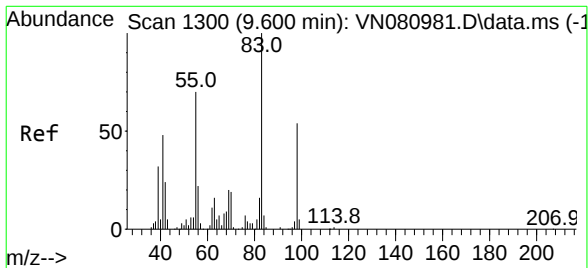
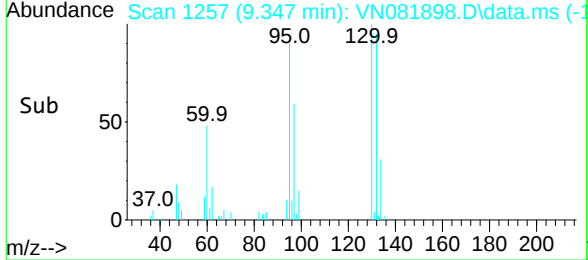
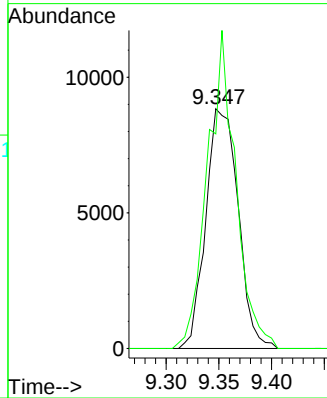
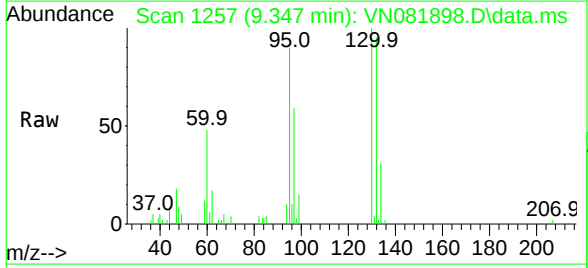
#37
 Trichloroethene
 Concen: 6.027 ug/l
 RT: 9.347 min Scan# 1257
 Delta R.T. -0.006 min
 Lab File: VN081898.D
 Acq: 27 Apr 2024 02:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Tgt Ion:130 Resp: 18889
 Ion Ratio Lower Upper
 130 100
 95 89.5 80.2 120.4

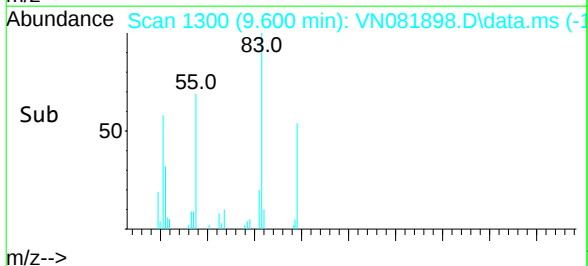
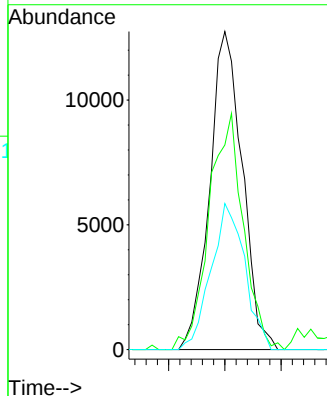
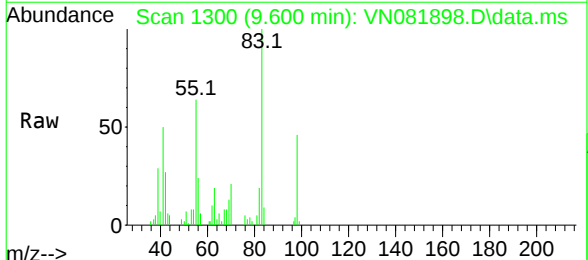
Manual Integrations
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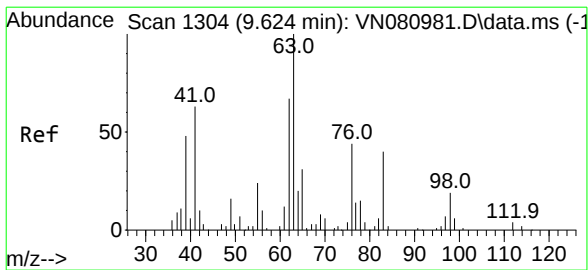
Reviewed By :John Carlone 04/29/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#38
 Methylcyclohexane
 Concen: 6.668 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN081898.D
 Acq: 27 Apr 2024 02:21

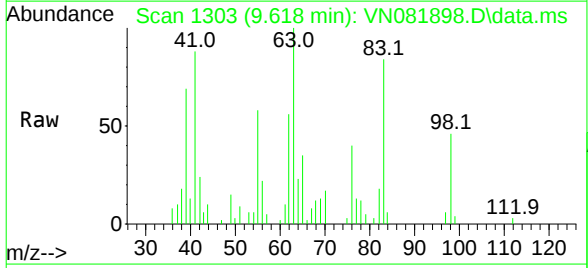
Tgt Ion: 83 Resp: 25673
 Ion Ratio Lower Upper
 83 100
 55 77.7 36.6 109.9
 98 47.6 23.8 71.5





#39
1,2-Dichloropropane
Concen: 5.885 ug/l
RT: 9.618 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

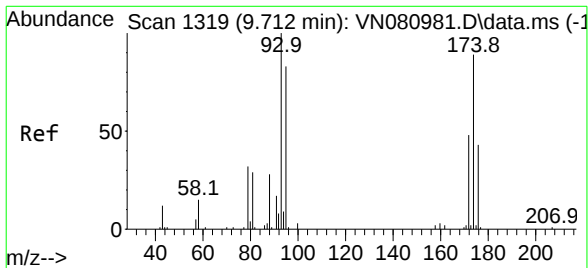
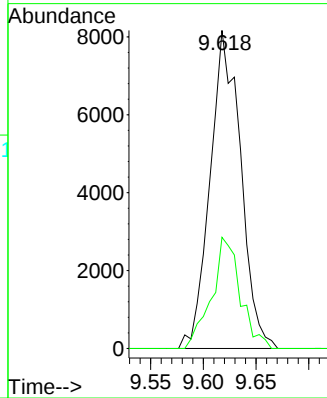
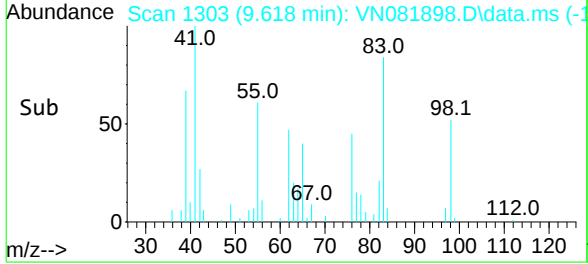
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 63 Resp: 16456
Ion Ratio Lower Upper
63 100
65 34.9 25.0 37.4

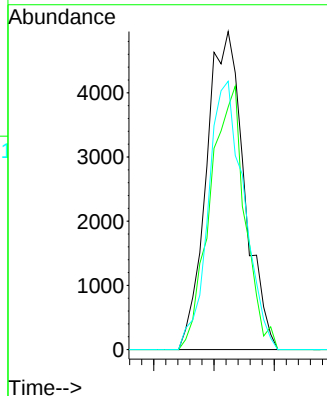
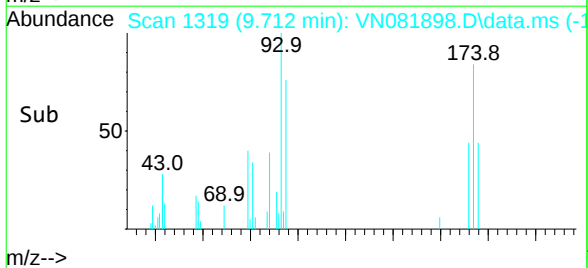
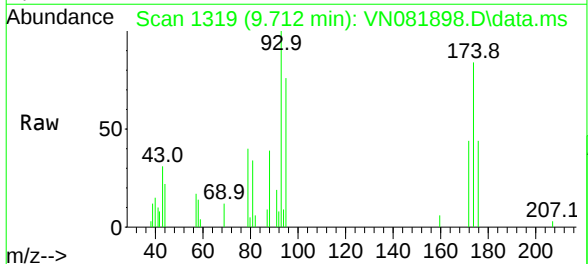
Manual Integrations
APPROVED

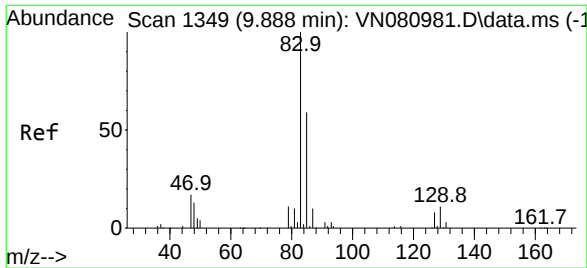
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Dibromomethane
Concen: 5.084 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 93 Resp: 10815
Ion Ratio Lower Upper
93 100
95 76.4 0.0 164.6
174 79.6 0.0 193.2





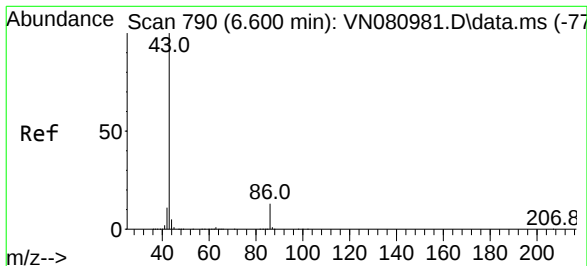
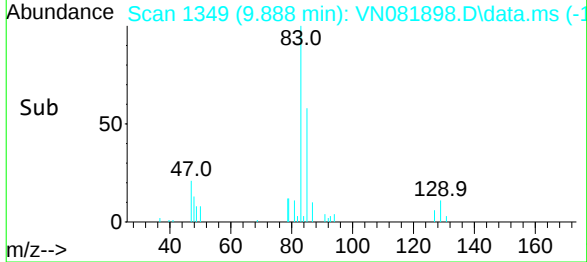
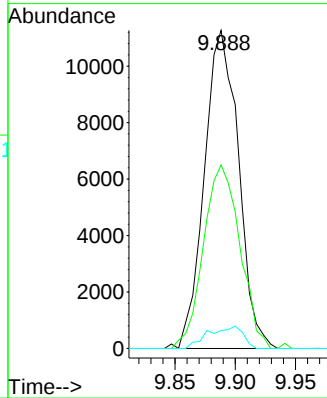
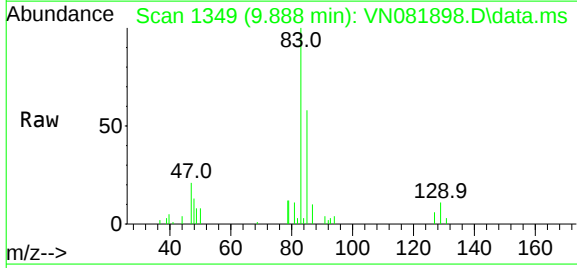
#41
Bromodichloromethane
Concen: 5.317 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument : MSVOA_N
ClientSampleId : VSTDIC005

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.7	49.4	74.2
127	5.7	7.3	10.9

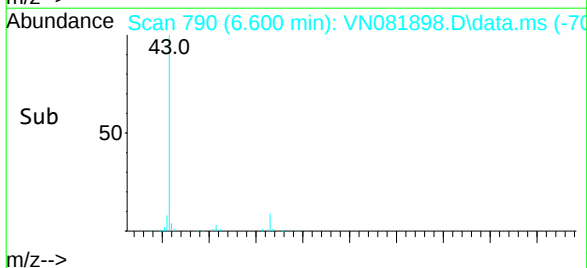
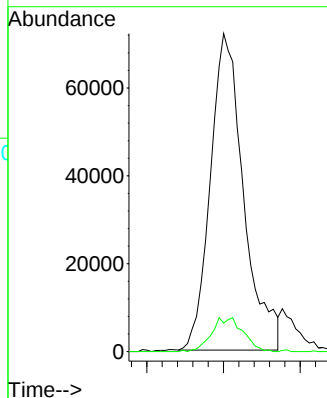
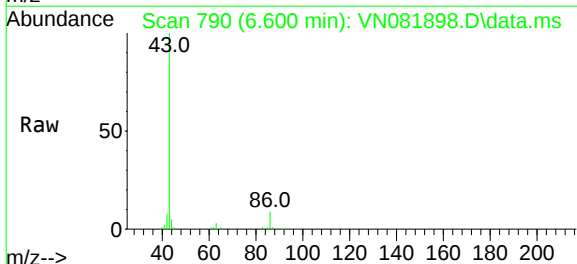
Manual Integrations
APPROVED

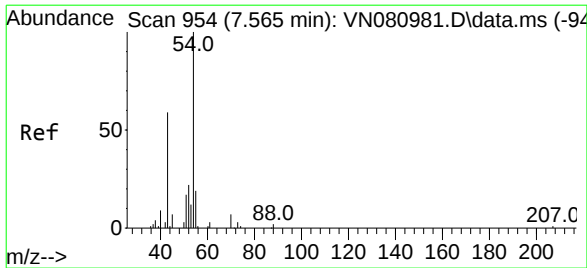
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
Vinyl Acetate
Concen: 35.887 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

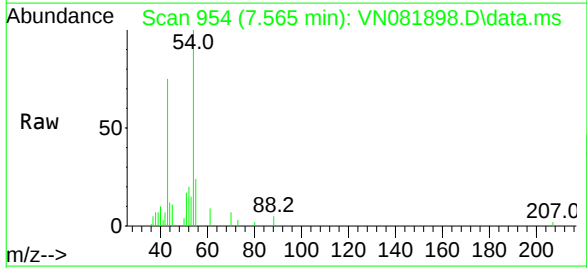
Tgt Ion	Ratio	Lower	Upper
43	100		
86	4.5	9.4	14.2





#43
Ethyl Acetate
Concen: 7.763 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

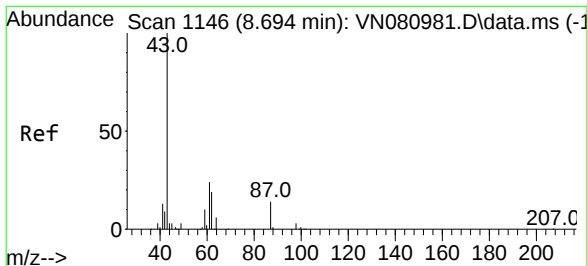
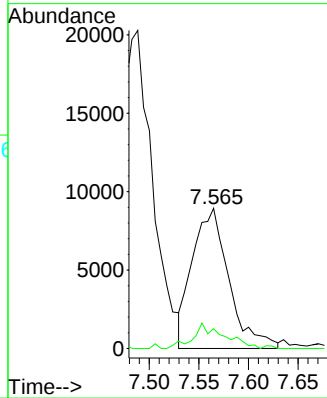
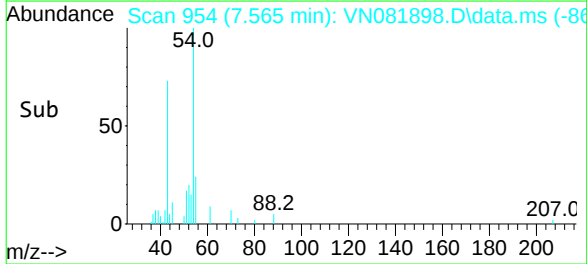
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 22886
Ion Ratio Lower Upper
43 100
45 4.1 10.6 15.8#

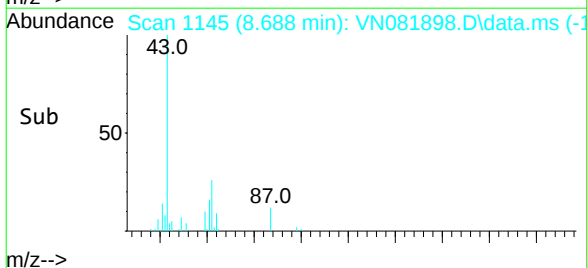
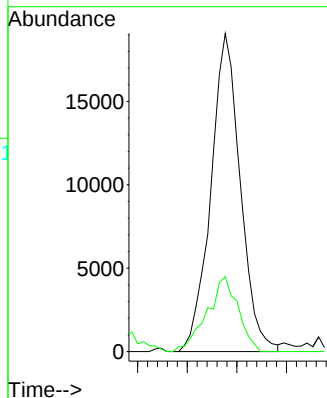
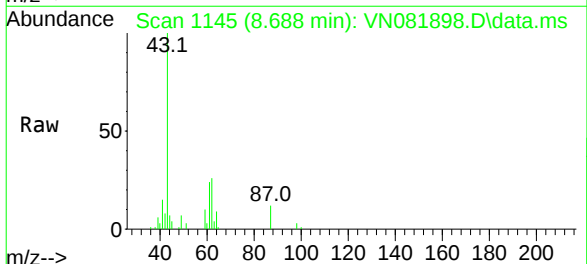
Manual Integrations
APPROVED

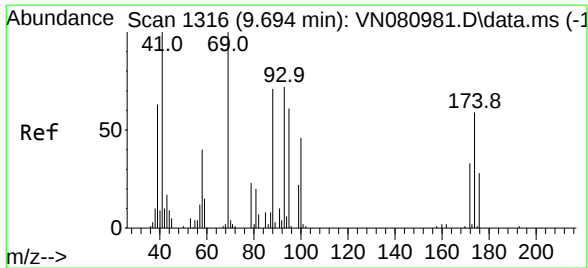
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#44
Isopropyl Acetate
Concen: 7.436 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

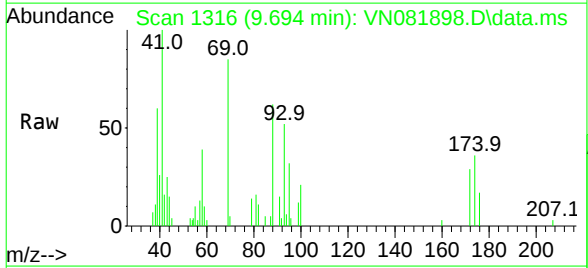
Tgt Ion: 43 Resp: 39391
Ion Ratio Lower Upper
43 100
61 24.9 25.0 37.4#





#45
1,4-Dioxane
Concen: 129.207 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

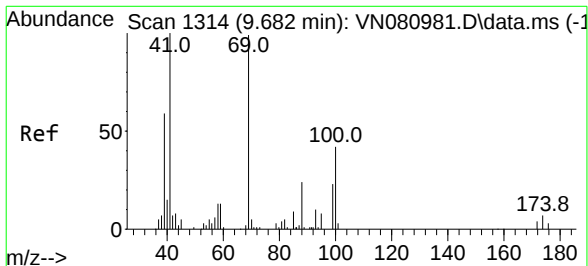
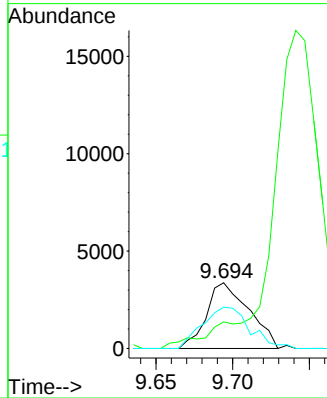
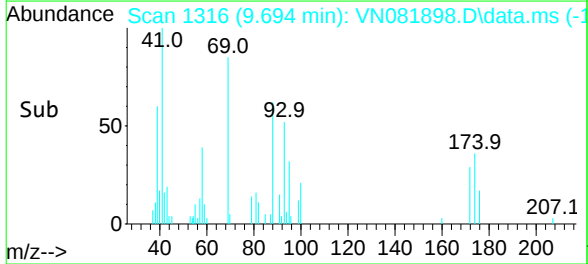
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 88 Resp: 6491
Ion Ratio Lower Upper
88 100
43 12.6 19.8 29.6#
58 69.0 55.4 83.0

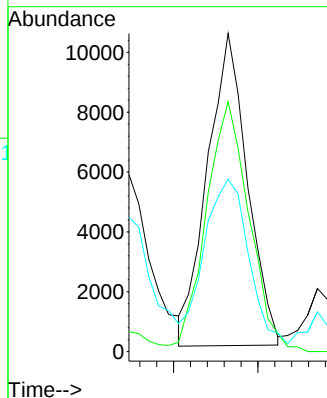
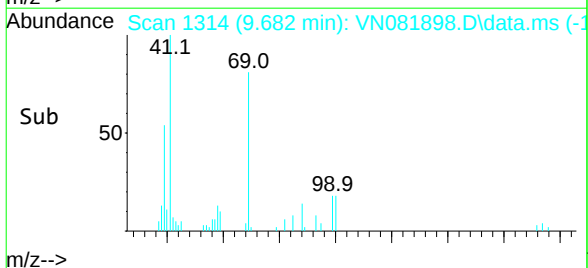
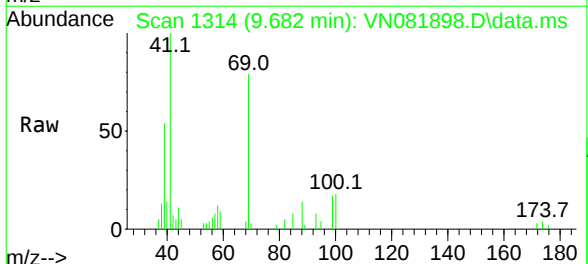
Manual Integrations
APPROVED

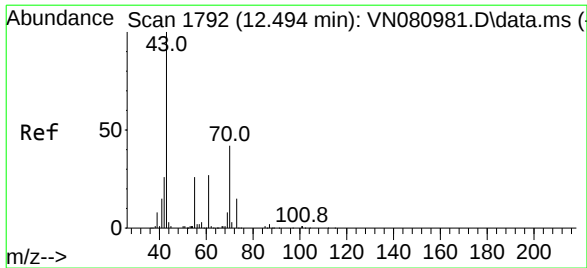
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#46
Methyl methacrylate
Concen: 7.086 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 41 Resp: 17175
Ion Ratio Lower Upper
41 100
69 82.4 51.1 153.3
39 52.7 25.8 77.3





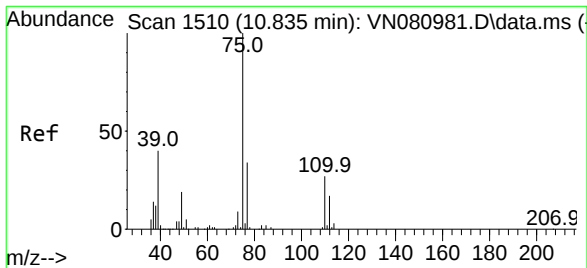
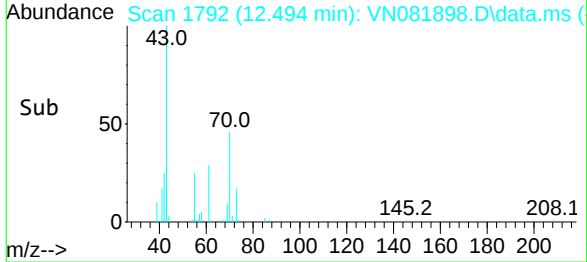
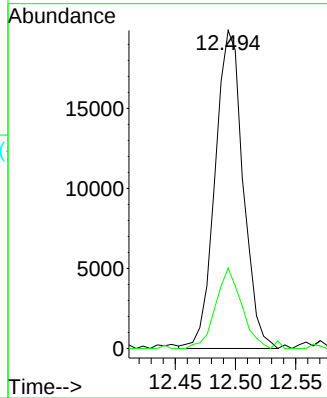
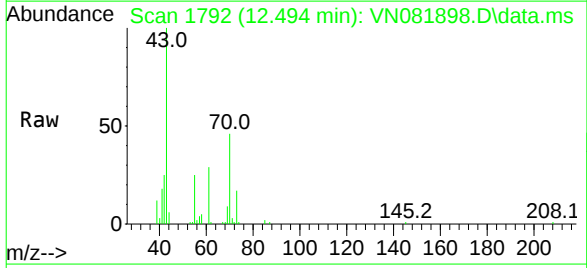
#47
n-amy1 Acetate
Concen: 6.952 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 32113
Ion Ratio Lower Upper
43 100
55 23.5 23.4 35.2

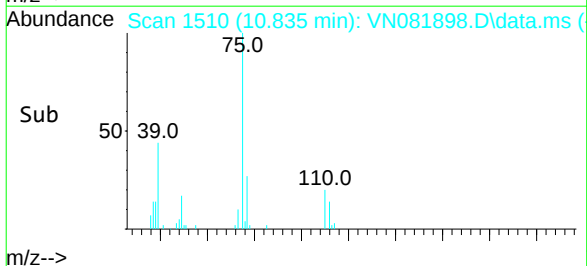
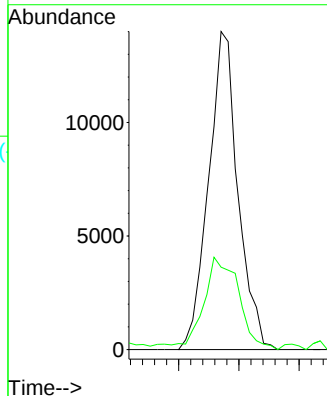
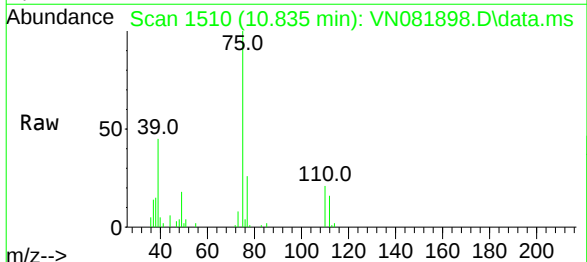
Manual Integrations
APPROVED

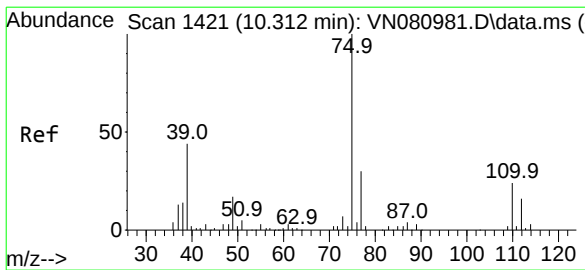
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#48
t-1,3-Dichloropropene
Concen: 5.460 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion: 75 Resp: 23824
Ion Ratio Lower Upper
75 100
77 25.9 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 5.172 ug/l

RT: 10.318 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 24454

Ion Ratio Lower Upper

75 100

77 30.8 24.9 37.3

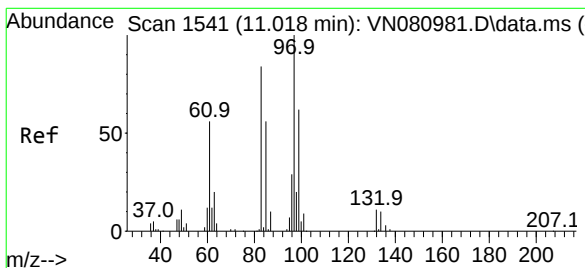
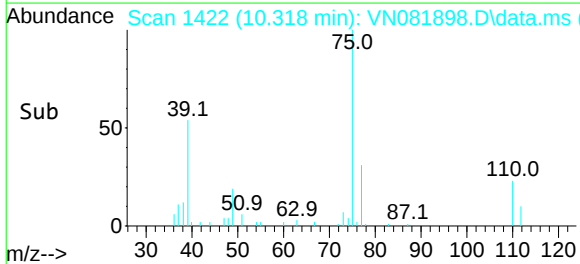
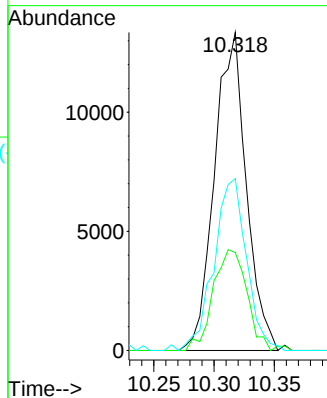
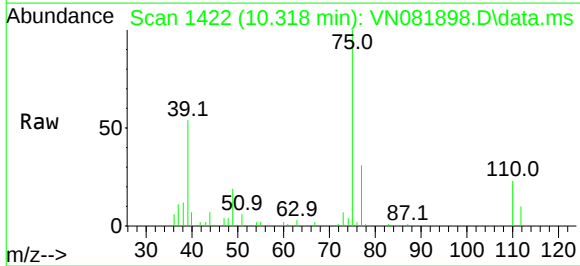
39 54.1 31.0 46.6#

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#50

1,1,2-Trichloroethane

Concen: 4.700 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Tgt Ion: 97 Resp: 13834

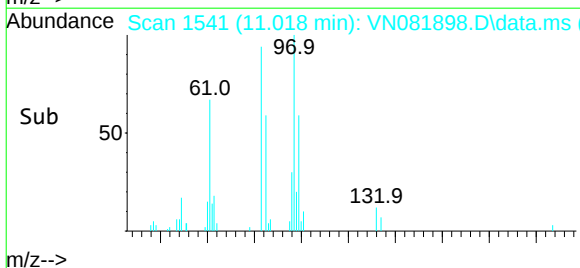
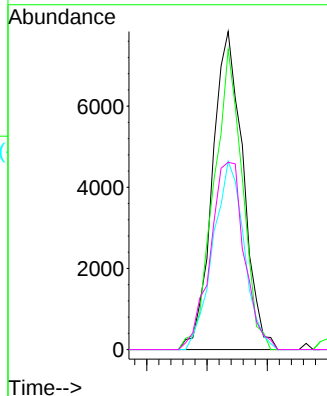
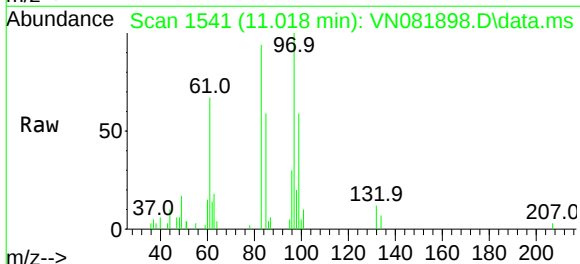
Ion Ratio Lower Upper

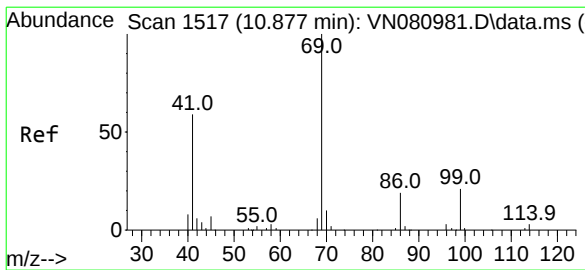
97 100

83 94.4 68.1 102.1

85 59.2 41.8 62.6

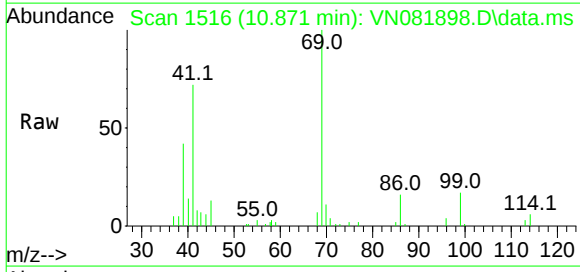
99 58.9 47.0 70.4





#51
Ethyl methacrylate
Concen: 6.215 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

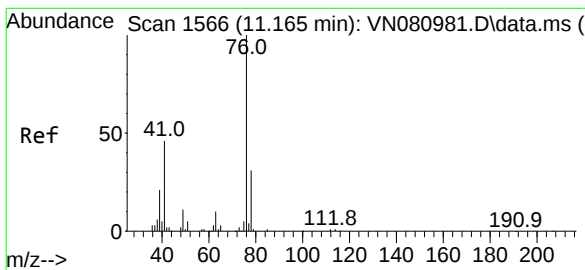
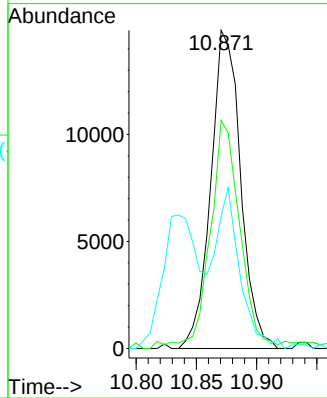
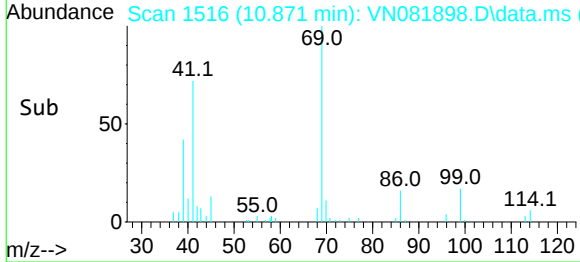
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.6	25.5	76.5
39	36.6	16.0	47.9

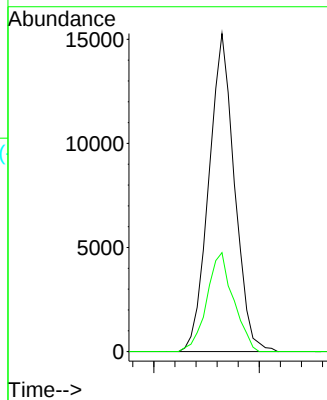
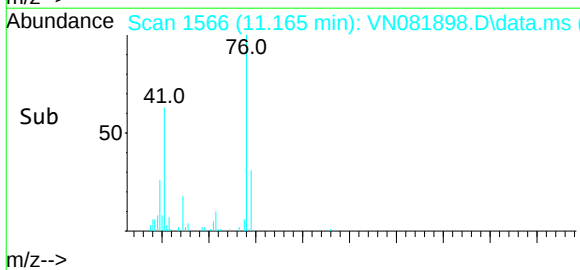
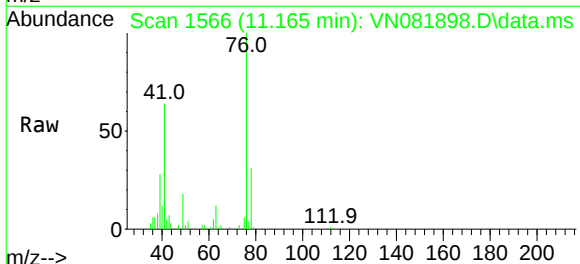
Manual Integrations
APPROVED

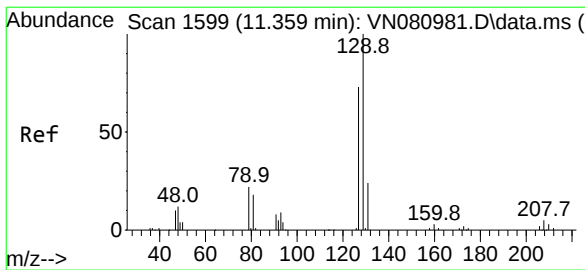
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
1,3-Dichloropropane
Concen: 5.324 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	65.8





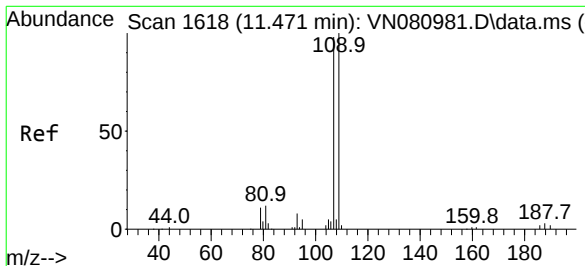
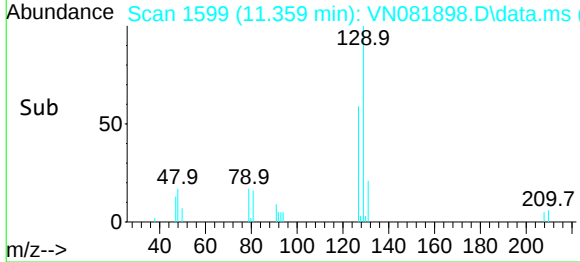
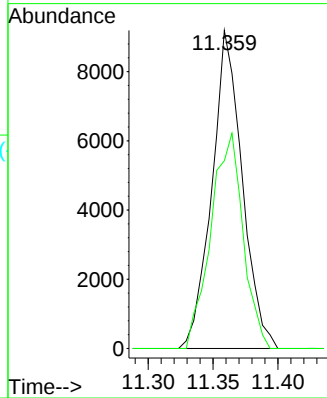
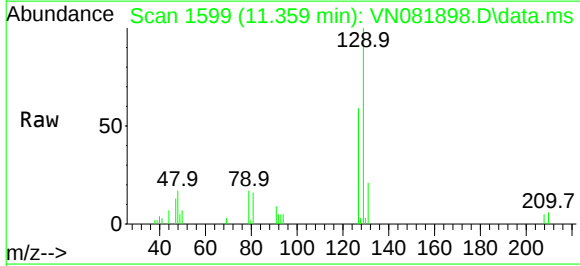
#53
Dibromochloromethane
Concen: 4.656 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:129 Resp: 14938
Ion Ratio Lower Upper
129 100
127 71.8 39.4 118.1

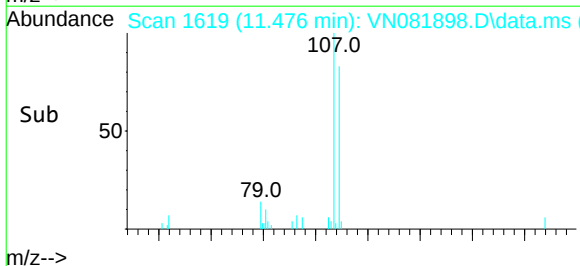
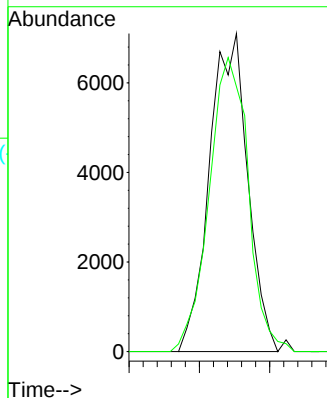
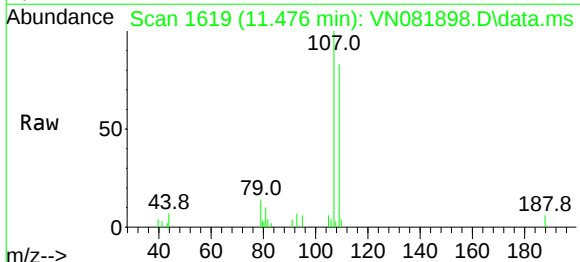
Manual Integrations
APPROVED

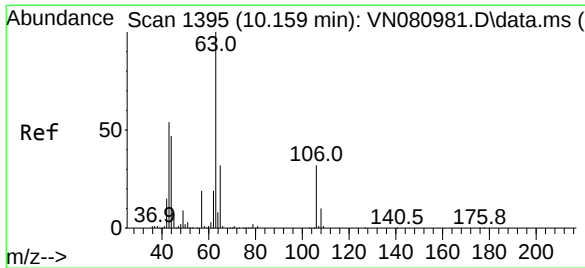
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
1,2-Dibromoethane
Concen: 4.402 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion:107 Resp: 13406
Ion Ratio Lower Upper
107 100
109 94.9 74.7 112.1





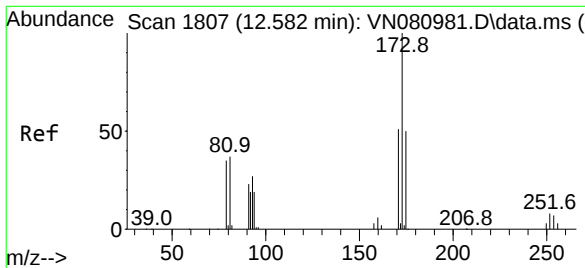
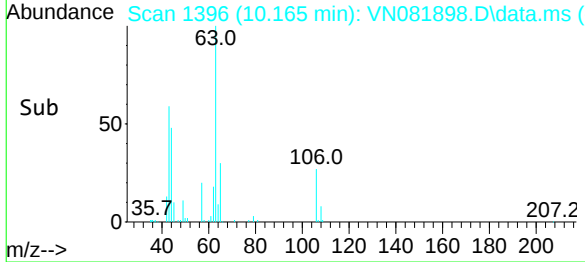
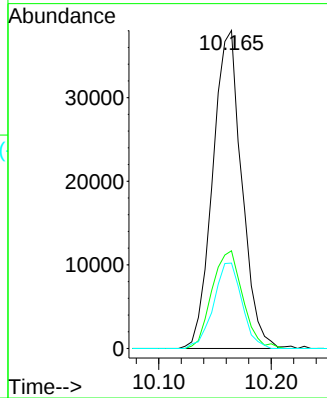
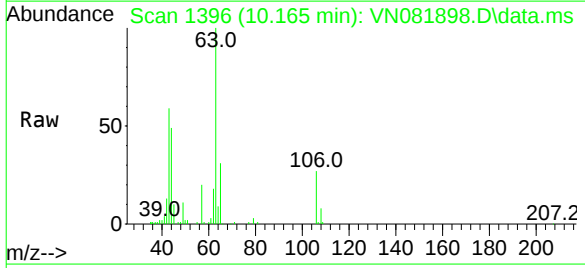
#55
2-Chloroethyl vinyl ether
Concen: 32.357 ug/l
RT: 10.165 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.6	26.2	39.2
106	26.3	23.8	35.8

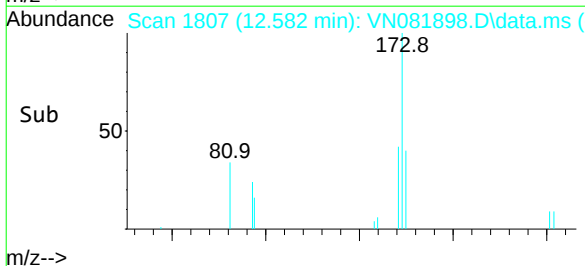
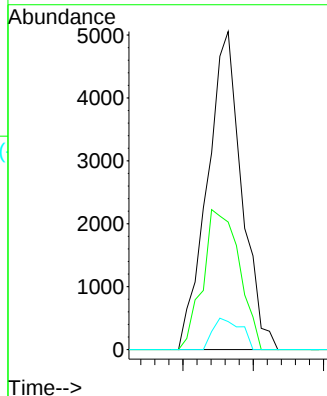
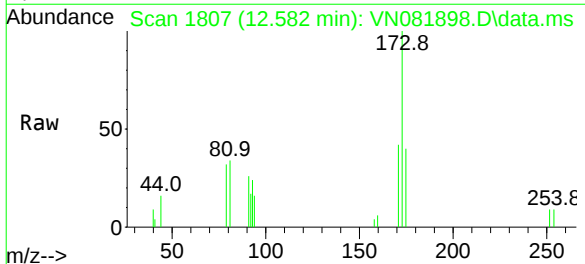
Manual Integrations
APPROVED

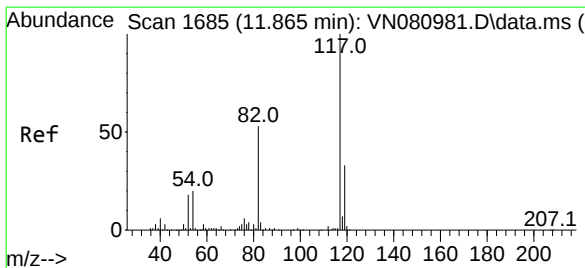
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56
Bromoform
Concen: 4.204 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.5	40.0	60.0
254	8.0	8.3	12.5#





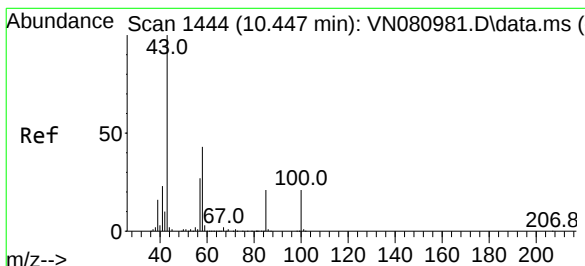
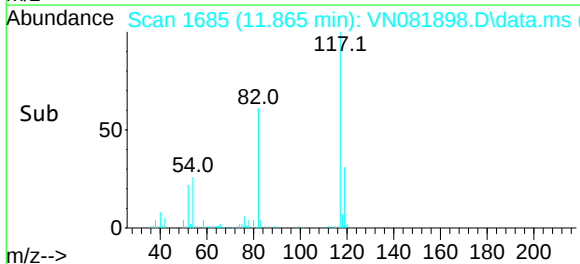
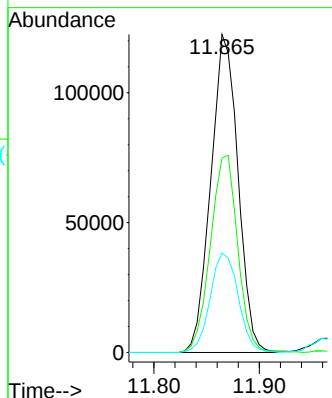
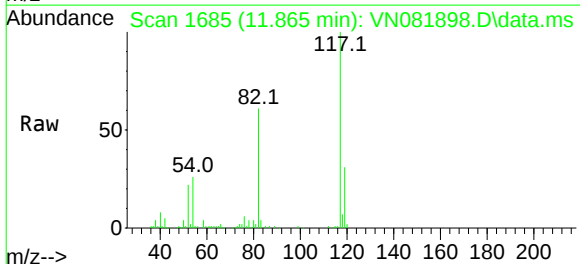
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	117	Resp:	219729
Ion	Ratio	Lower	Upper
117	100		
82	61.9	46.6	69.8
119	32.3	25.4	38.2

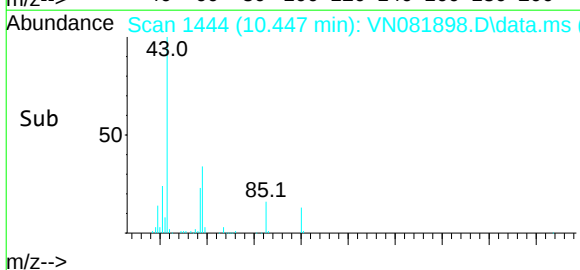
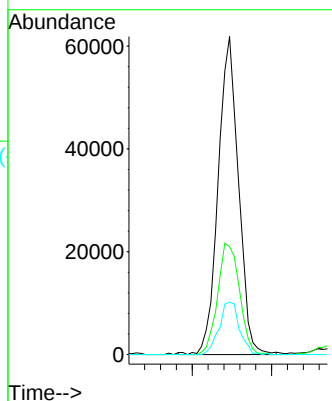
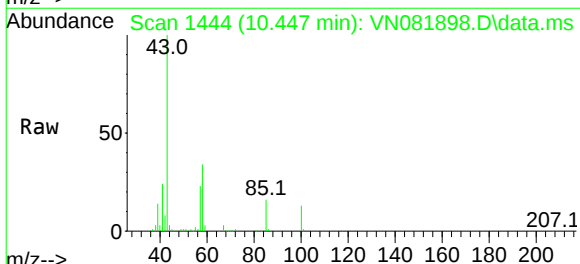
Manual Integrations
APPROVED

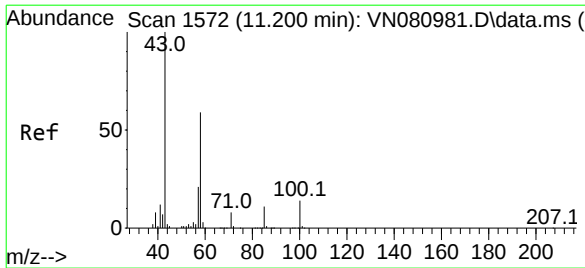
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
4-Methyl-2-Pentanone
Concen: 38.617 ug/l m
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion:	43	Resp:	110162
Ion	Ratio	Lower	Upper
43	100		
58	0.9	36.5	54.7#
85	0.5	19.5	29.3#





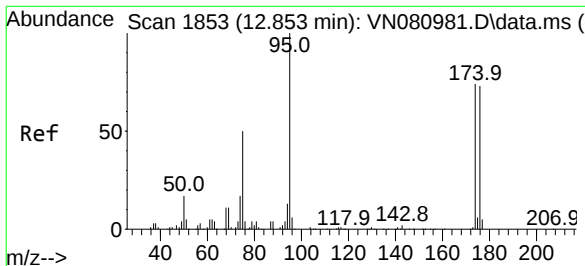
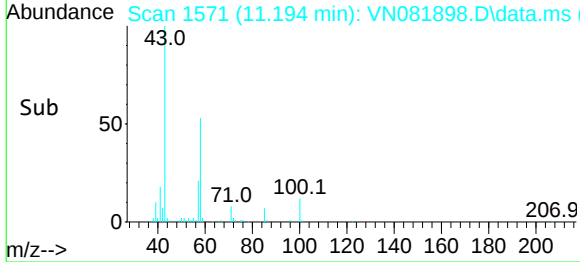
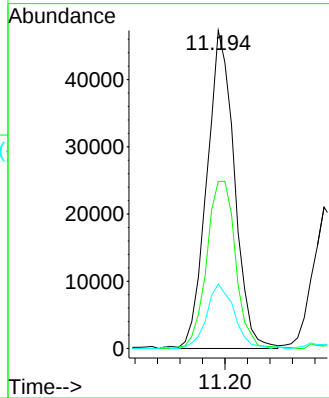
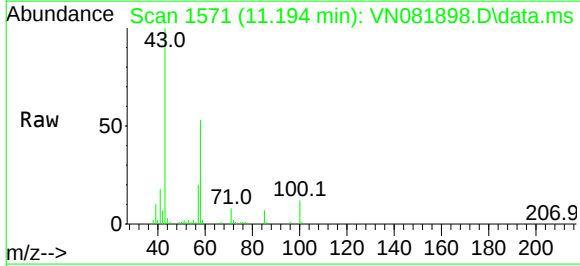
#59
2-Hexanone
Concen: 38.257 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 43	Resp: 80270
Ion Ratio	Lower Upper
43 100	
58 54.9	50.4 75.6
57 20.2	18.6 27.8

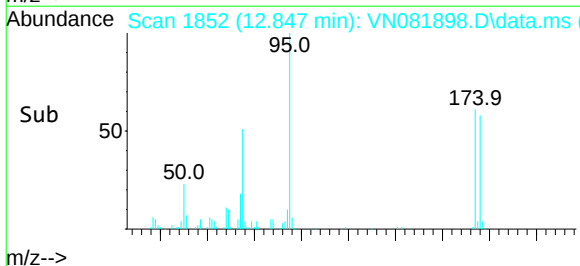
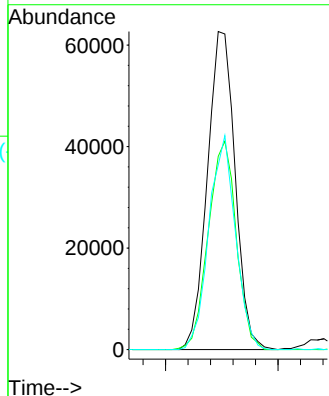
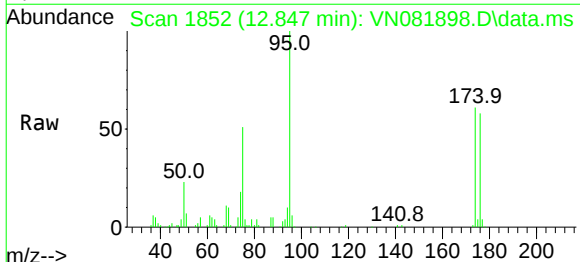
Manual Integrations
APPROVED

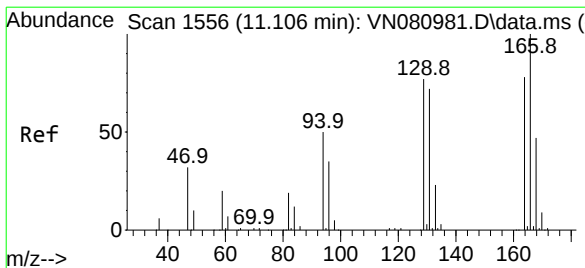
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#60
4-Bromofluorobenzene
Concen: 32.032 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

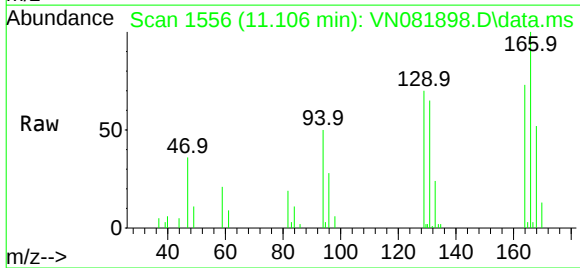
Tgt Ion: 95	Resp: 107601
Ion Ratio	Lower Upper
95 100	
174 65.9	60.5 90.7
176 64.4	57.8 86.6





#61
Tetrachloroethene
Concen: 5.314 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

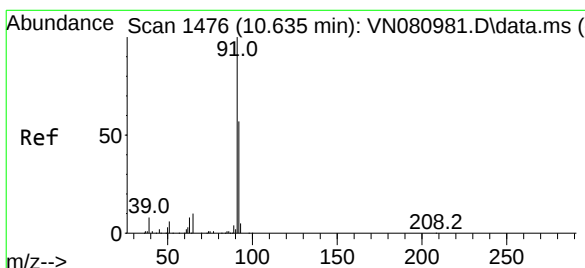
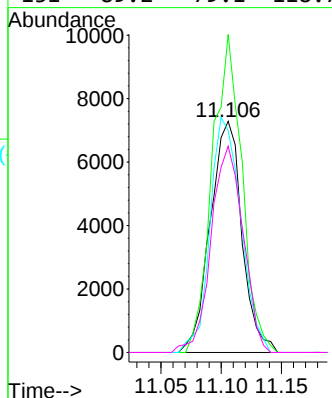
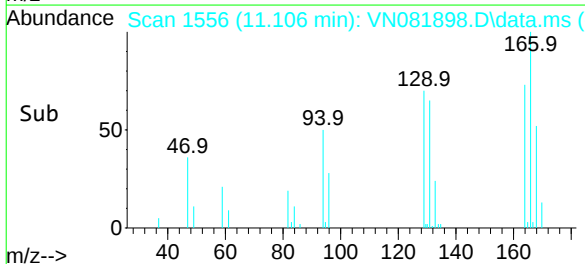
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion	164	166	129	131
Ratio	100	137.6	96.0	89.2
Lower		106.7	85.8	79.1
Upper		160.1	128.6	118.7

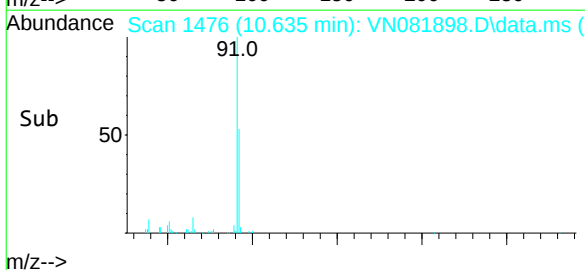
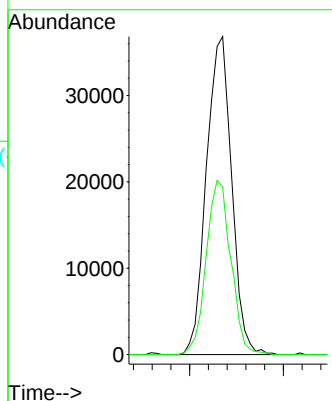
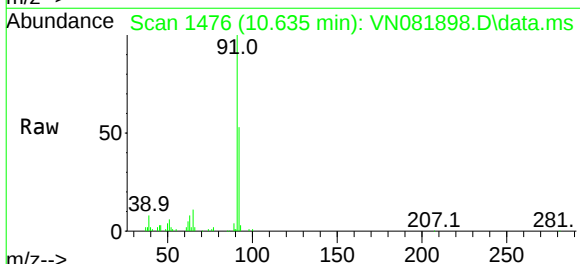
Manual Integrations
APPROVED

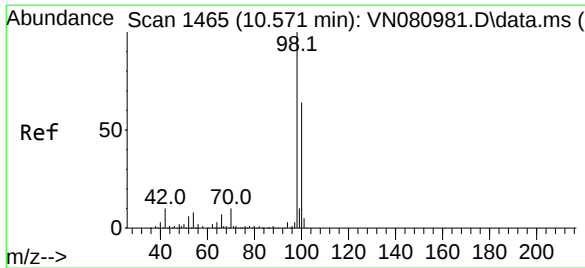
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
Toluene
Concen: 5.734 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	91	92
Ratio	100	53.5
Lower		46.5
Upper		69.7





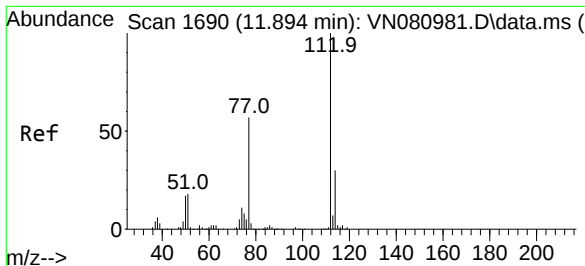
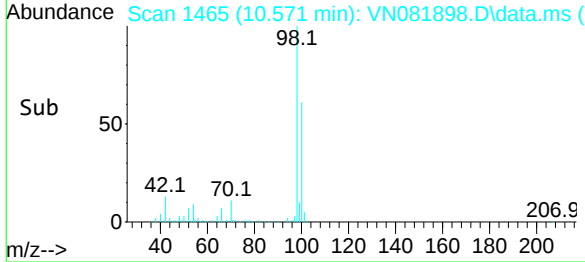
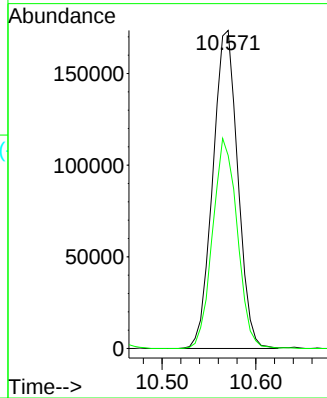
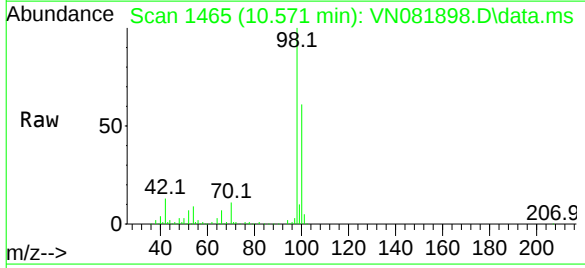
#63
Toluene-d8
Concen: 32.605 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 98 Resp: 321507
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

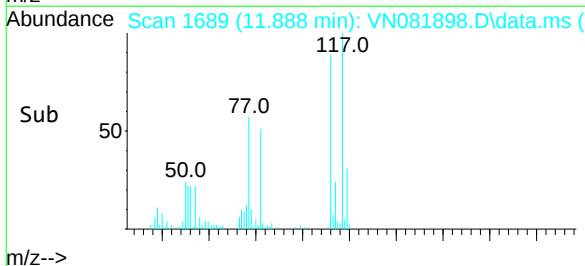
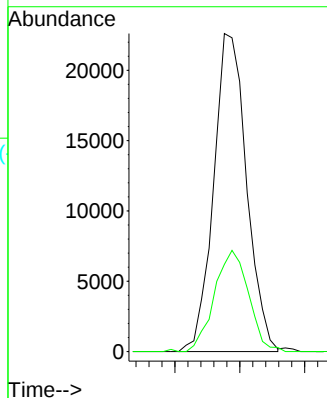
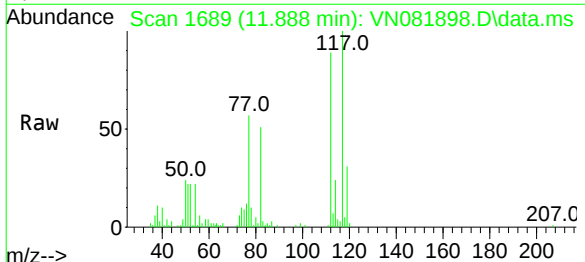
Manual Integrations
APPROVED

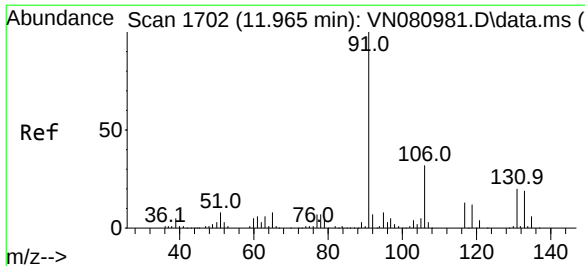
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#64
Chlorobenzene
Concen: 5.411 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion:112 Resp: 39893
Ion Ratio Lower Upper
112 100
114 27.4 26.6 39.8





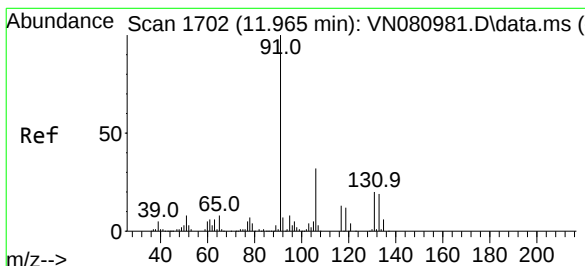
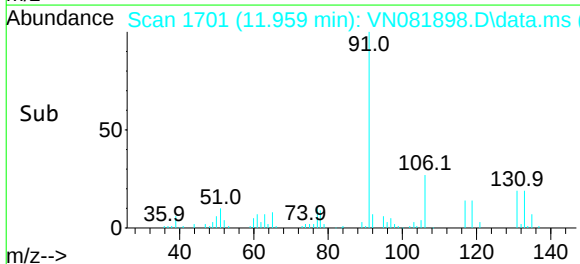
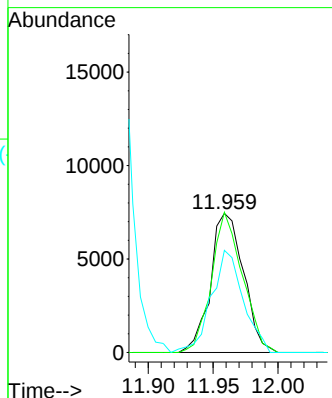
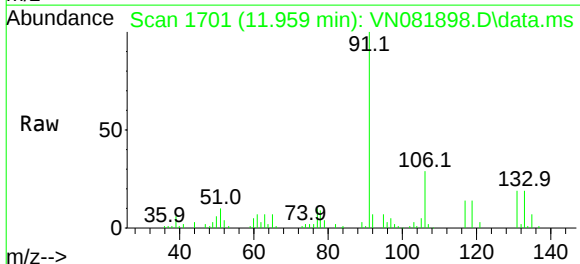
#65
1,1,1,2-Tetrachloroethane
Concen: 4.823 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.6	0.0	188.0
119	70.8	0.0	122.8

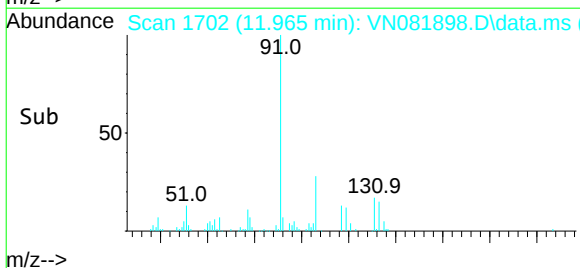
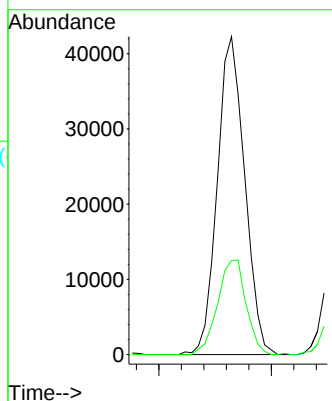
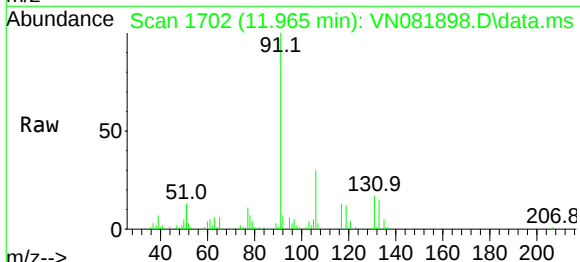
Manual Integrations
APPROVED

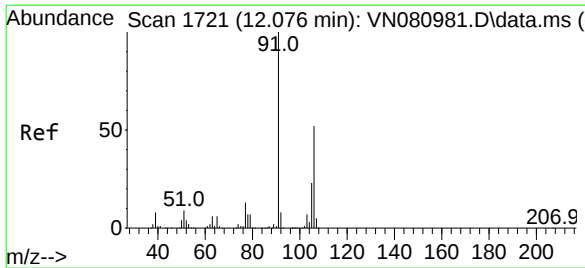
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
Ethyl Benzene
Concen: 5.645 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.4	36.6





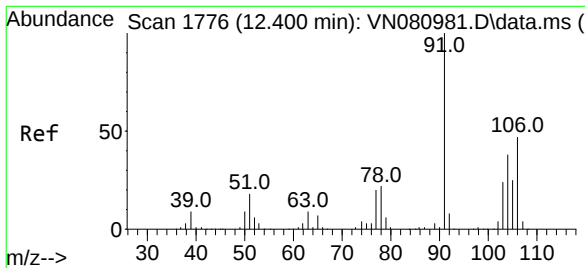
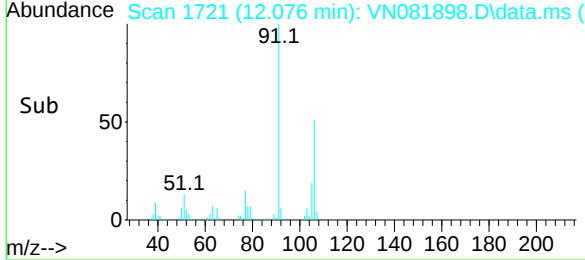
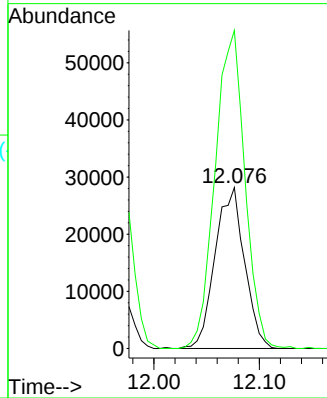
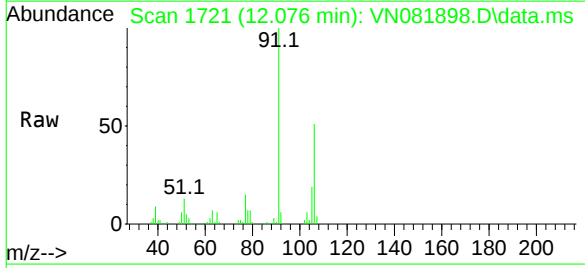
#67
m/p-Xylenes
Concen: 10.972 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:106 Resp: 54531
Ion Ratio Lower Upper
106 100
91 200.2 166.6 249.8

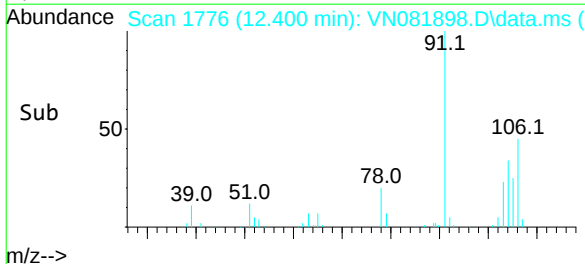
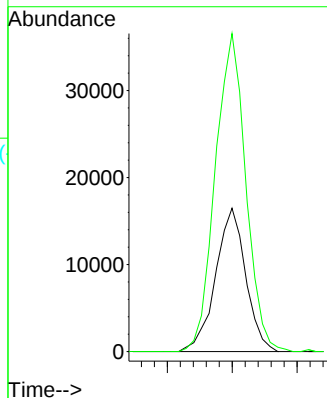
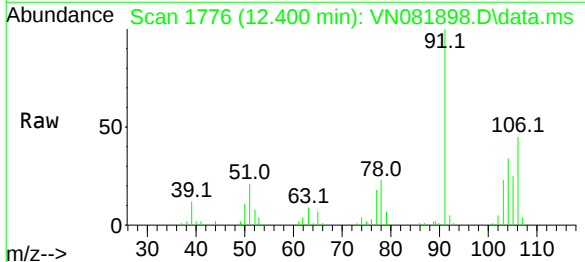
Manual Integrations
APPROVED

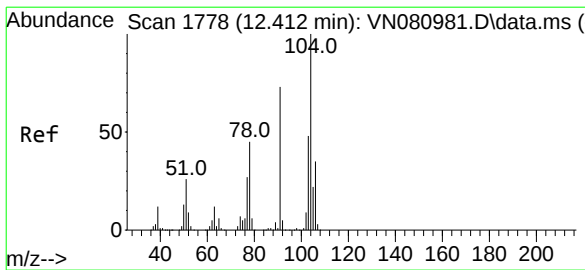
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#68
o-Xylene
Concen: 5.460 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion:106 Resp: 26591
Ion Ratio Lower Upper
106 100
91 225.0 110.0 330.0





#69

Styrene

Concen: 5.413 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

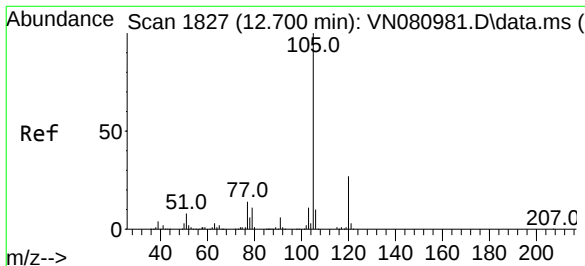
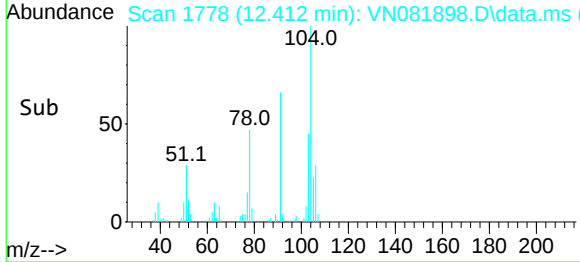
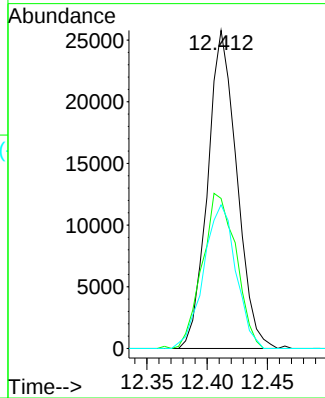
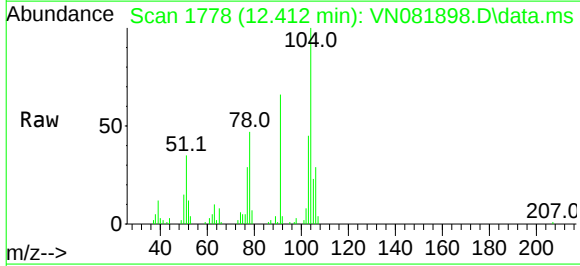
Tgt Ion:	104	Resp:	43405
Ion	Ratio	Lower	Upper
104	100		
78	56.4	42.6	64.0
103	50.1	43.7	65.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#70

Isopropylbenzene

Concen: 5.539 ug/l

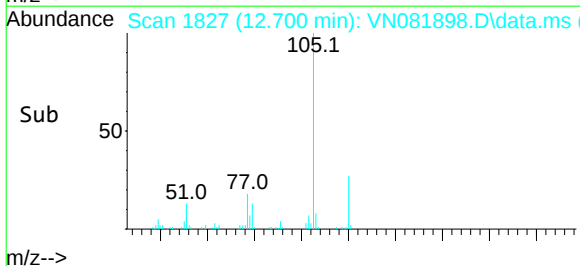
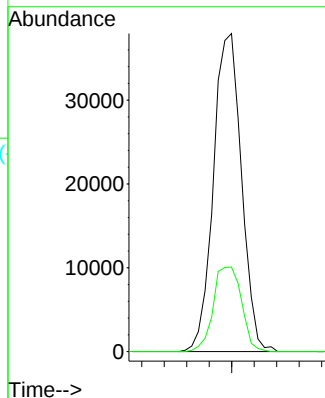
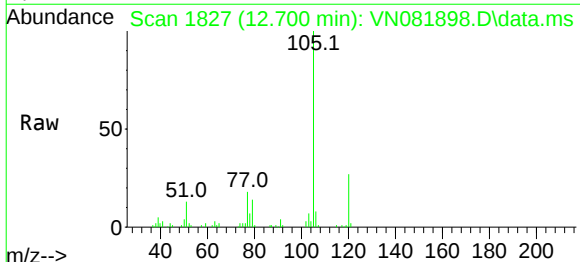
RT: 12.700 min Scan# 1827

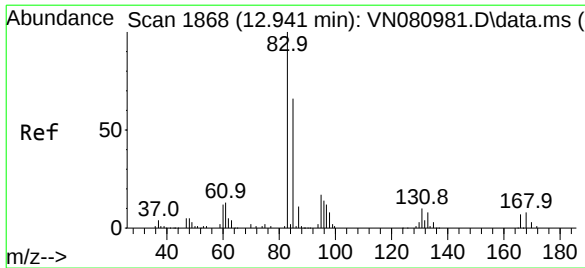
Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

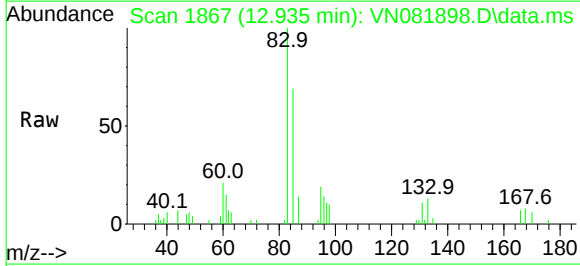
Tgt Ion:	105	Resp:	65743
Ion	Ratio	Lower	Upper
105	100		
120	26.8	17.8	33.1





#71
1,1,2,2-Tetrachloroethane
Concen: 5.143 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

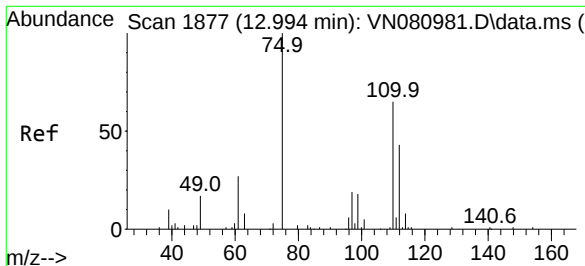
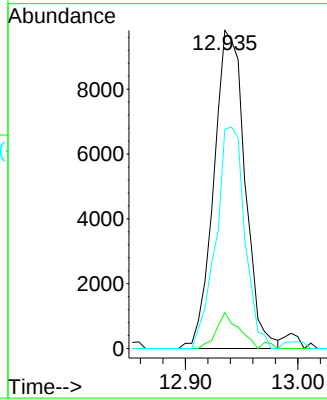
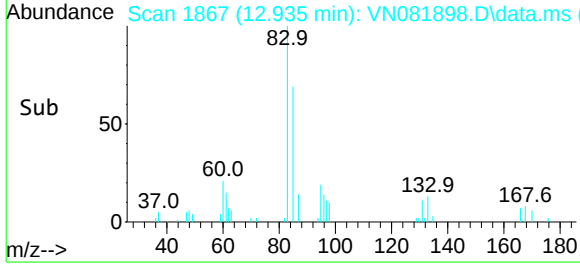
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.1	5.2	15.6
85	64.7	32.3	96.8

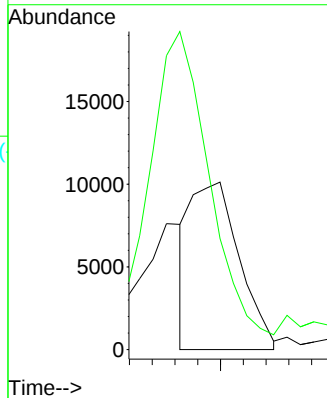
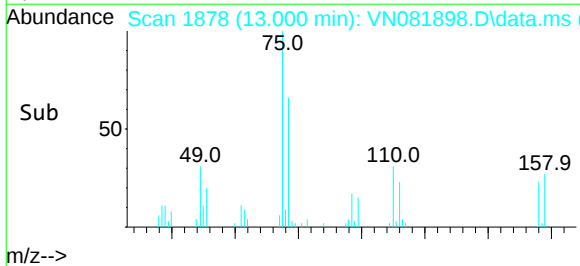
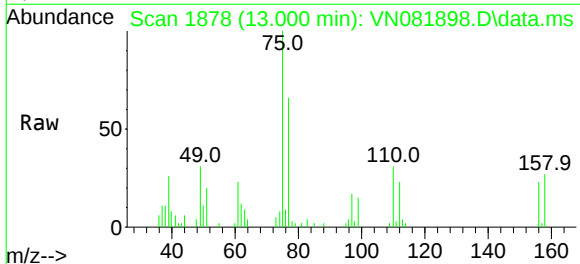
Manual Integrations
APPROVED

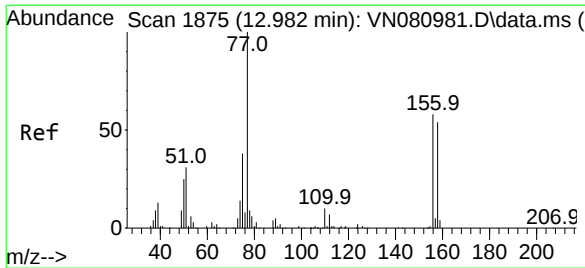
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#72
1,2,3-Trichloropropane
Concen: 5.259 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	244.6	0.0	367.6





#73

Bromobenzene

Concen: 5.141 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

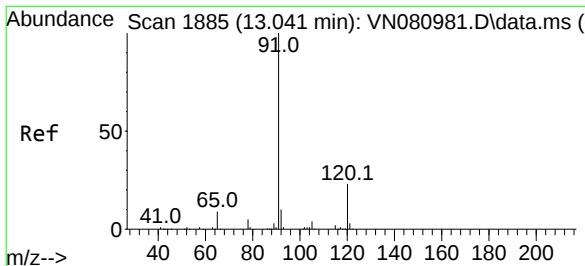
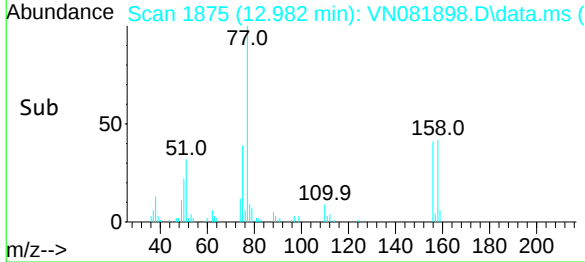
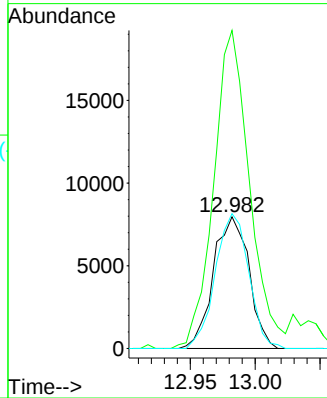
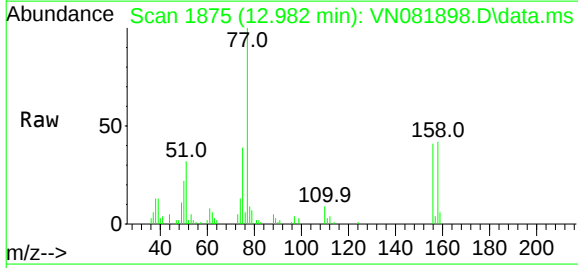
Tgt Ion:	156	Resp:	15174
Ion	Ratio	Lower	Upper
156	100		
77	242.9	0.0	437.6
158	96.5	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#74

n-propylbenzene

Concen: 5.480 ug/l

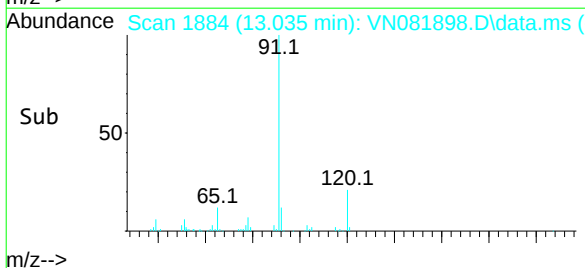
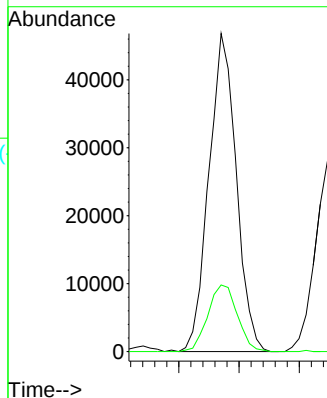
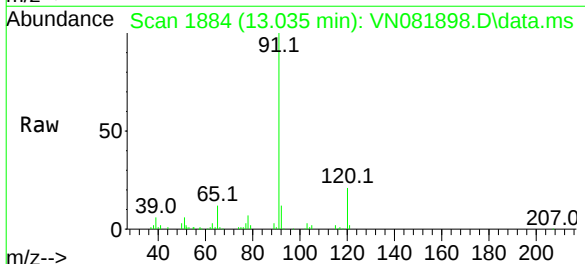
RT: 13.035 min Scan# 1884

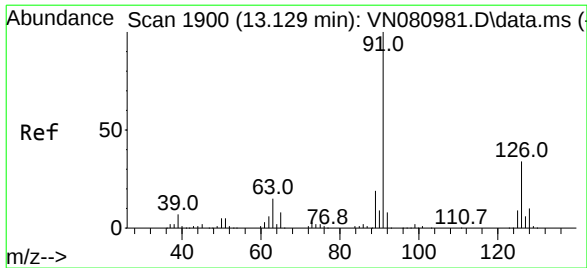
Delta R.T. -0.006 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Tgt Ion:	91	Resp:	73920
Ion	Ratio	Lower	Upper
91	100		
120	22.5	0.0	43.8





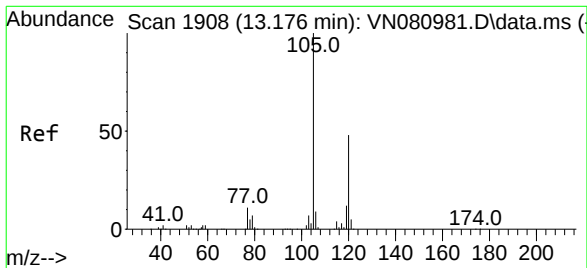
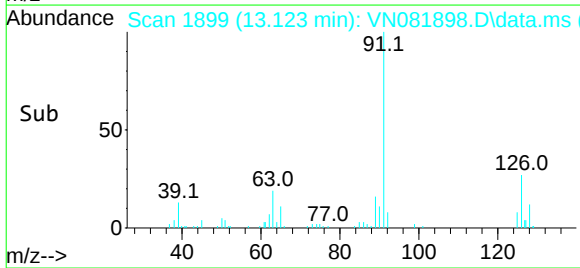
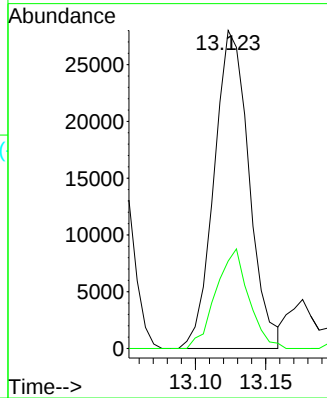
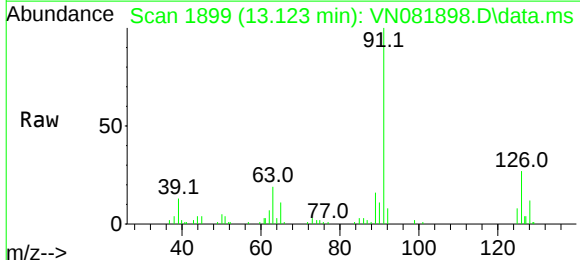
#75
2-Chlorotoluene
Concen: 5.798 ug/l
RT: 13.123 min Scan# 18
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 48555
Ion Ratio Lower Upper
91 100
126 29.4 0.0 61.2

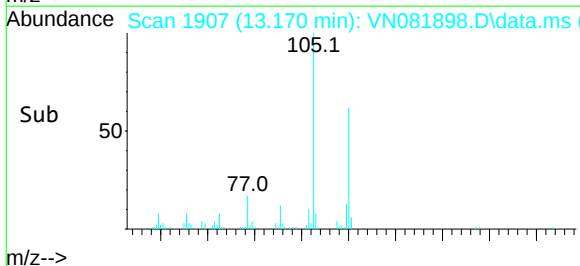
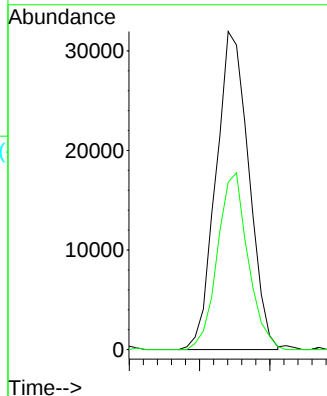
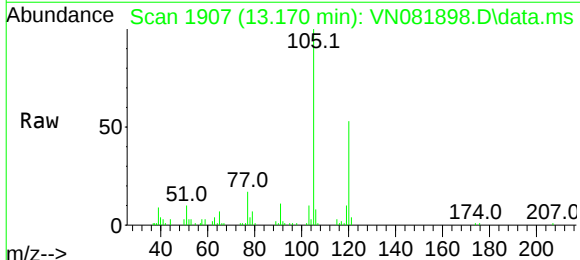
Manual Integrations
APPROVED

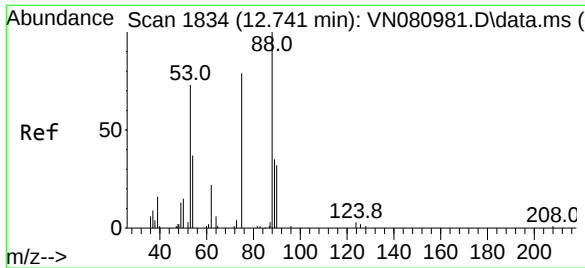
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,3,5-Trimethylbenzene
Concen: 5.333 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion:105 Resp: 51798
Ion Ratio Lower Upper
105 100
120 51.7 0.0 95.8





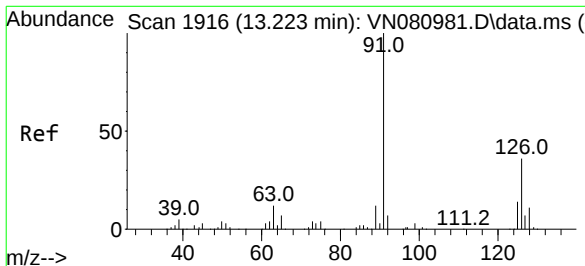
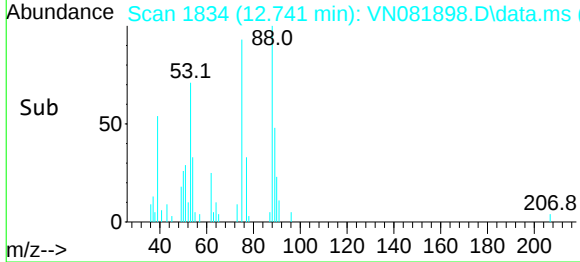
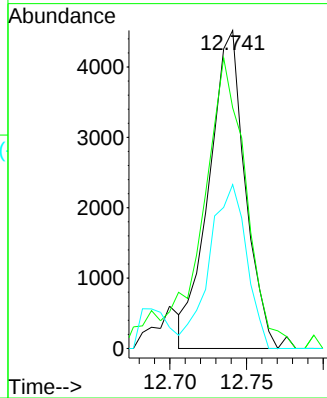
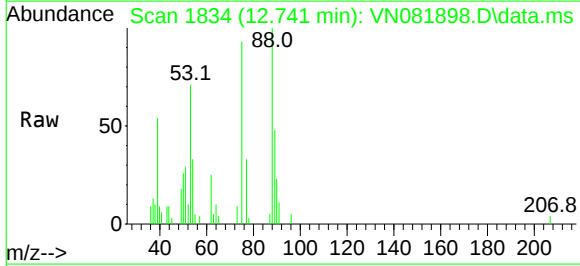
#77
t-1,4-Dichloro-2-butene
Concen: 6.813 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion	Ratio	Lower	Upper
75	100		
53	70.2	45.9	137.7
89	51.5	25.9	77.7

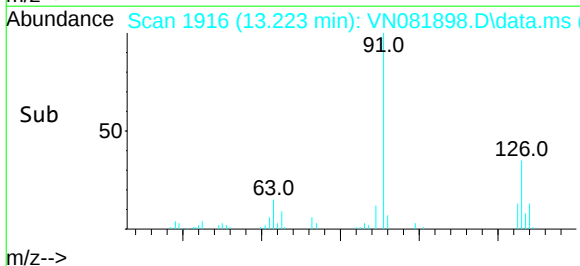
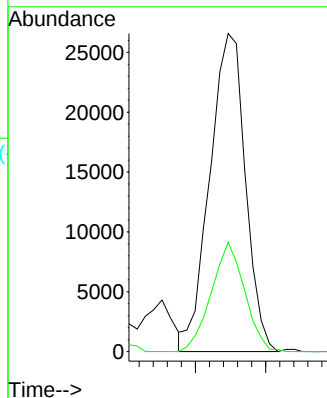
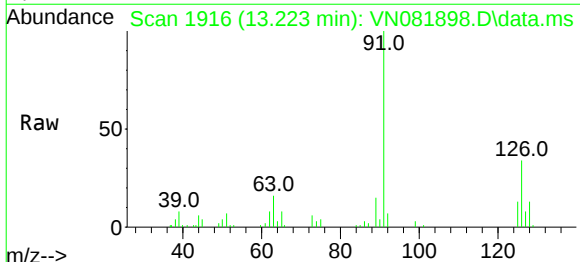
Manual Integrations
APPROVED

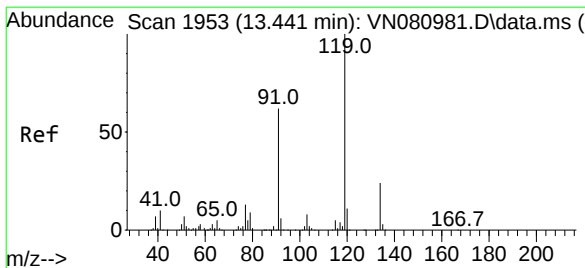
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#78
4-Chlorotoluene
Concen: 5.579 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	0.0	62.8





#79

tert-butylbenzene

Concen: 5.926 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

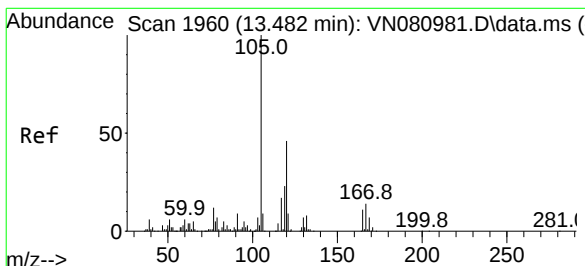
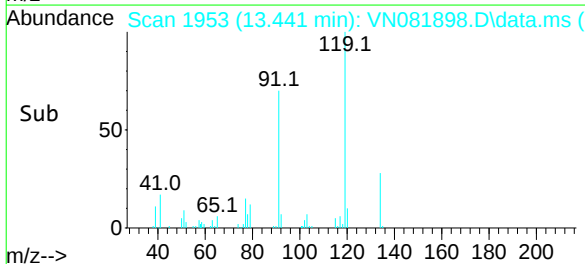
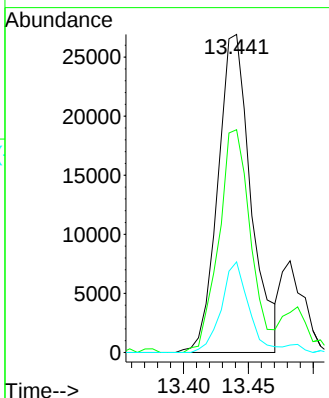
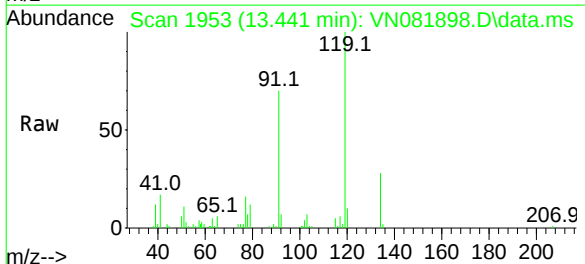
ClientSampleId :

VSTDICC005

Tgt Ion:	119	Resp:	47778
Ion	Ratio	Lower	Upper
119	100		
91	67.8	0.0	138.8
134	23.7	0.0	48.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#80

1,2,4-Trimethylbenzene

Concen: 5.647 ug/l

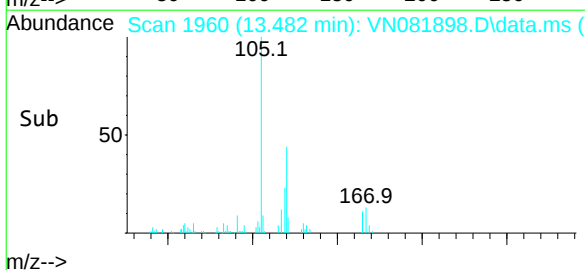
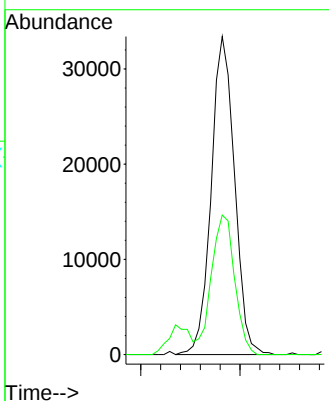
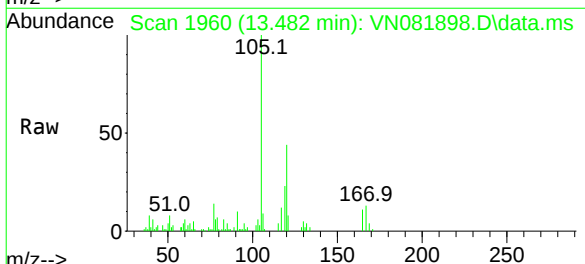
RT: 13.482 min Scan# 1960

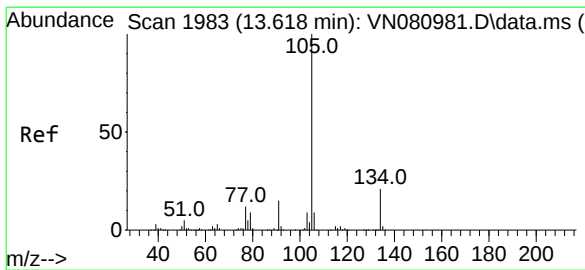
Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Tgt Ion:	105	Resp:	54649
Ion	Ratio	Lower	Upper
105	100		
120	44.0	0.0	86.8





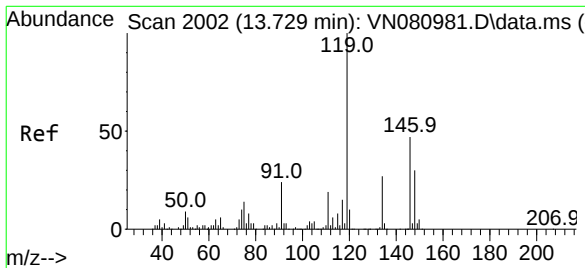
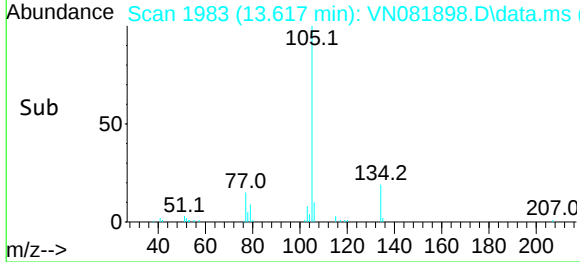
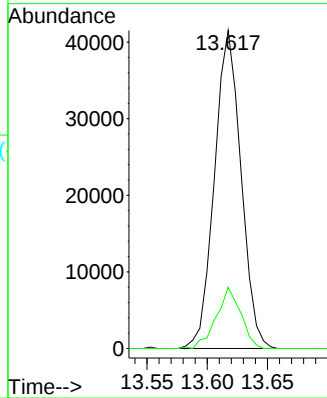
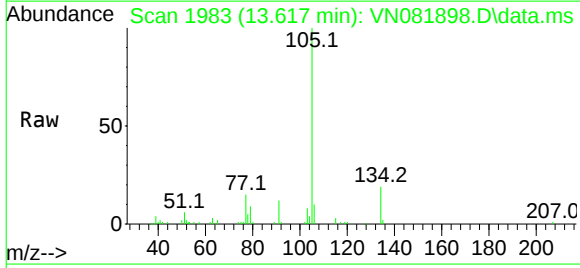
#81
sec-Butylbenzene
Concen: 5.638 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:105 Resp: 63652
Ion Ratio Lower Upper
105 100
134 17.6 0.0 39.0

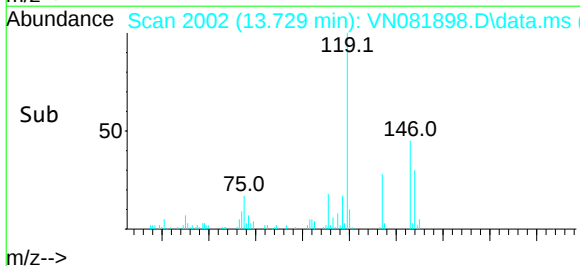
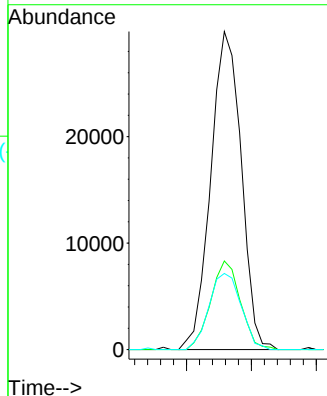
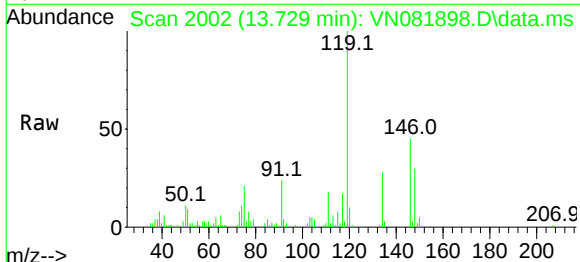
Manual Integrations
APPROVED

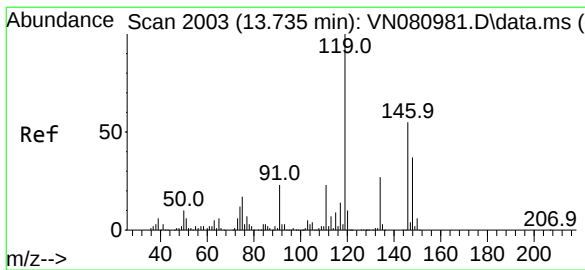
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
p-Isopropyltoluene
Concen: 5.149 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

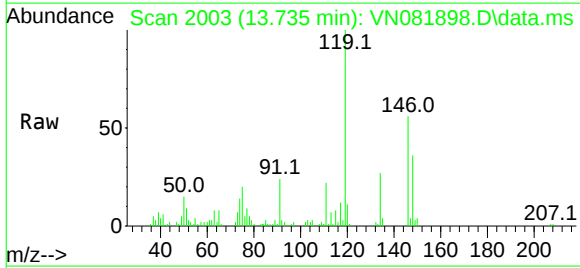
Tgt Ion:119 Resp: 48802
Ion Ratio Lower Upper
119 100
134 27.1 0.0 49.2
91 25.3 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 4.874 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

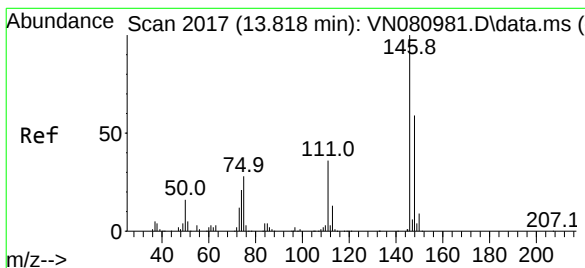
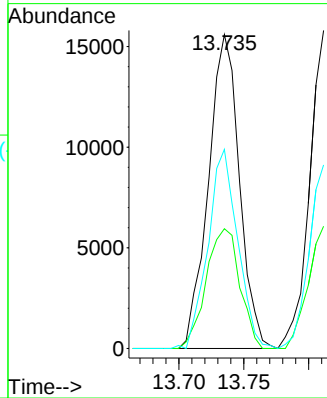
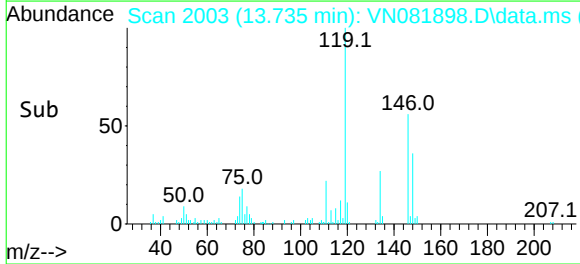
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion	146	Ratio	100	Lower	Upper	Resp	25878
111	41.3	22.4	67.0				
148	60.6	32.1	96.5				

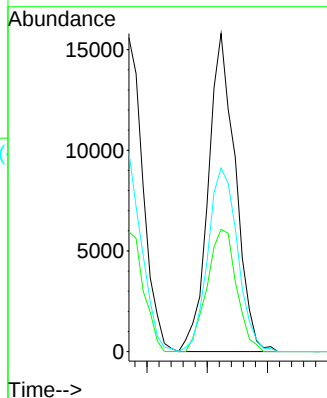
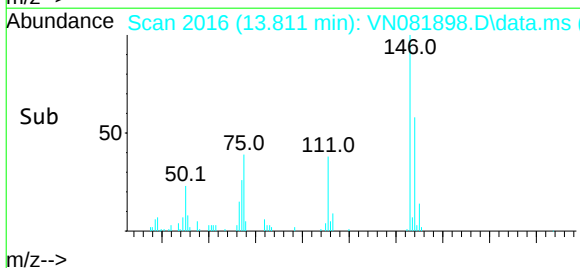
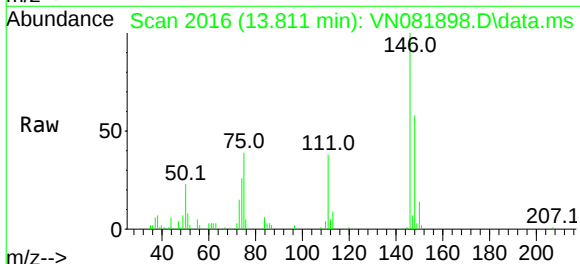
Manual Integrations
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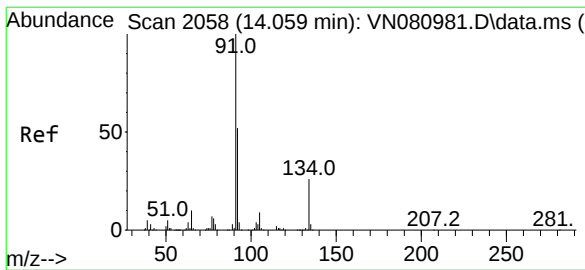
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#84
1,4-Dichlorobenzene
Concen: 4.649 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Tgt Ion	146	Ratio	100	Lower	Upper	Resp	24772
111	41.5	21.3	63.9				
148	63.1	31.9	95.5				





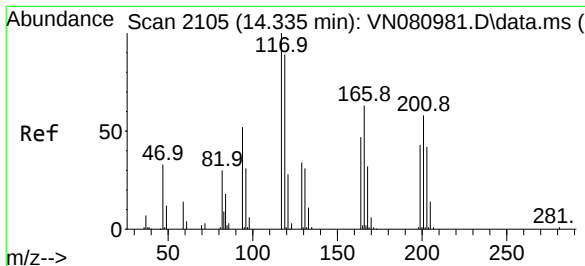
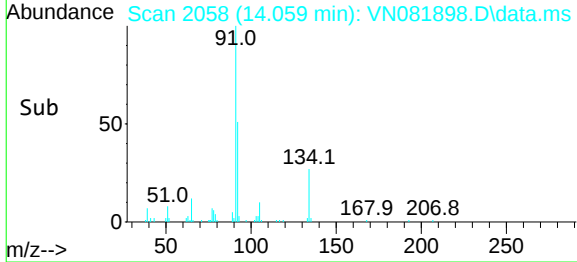
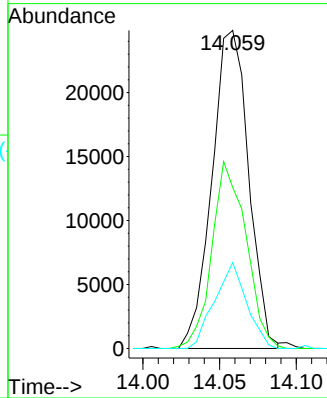
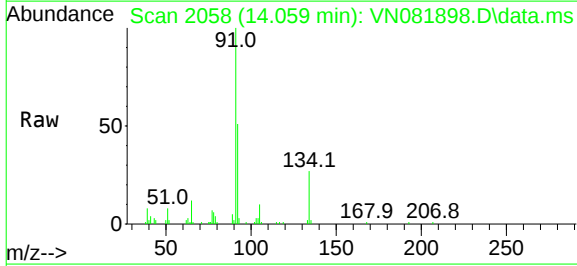
#85
n-Butylbenzene
Concen: 5.286 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	91	Resp:	41337
Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	105.0
134	23.7	0.0	51.8

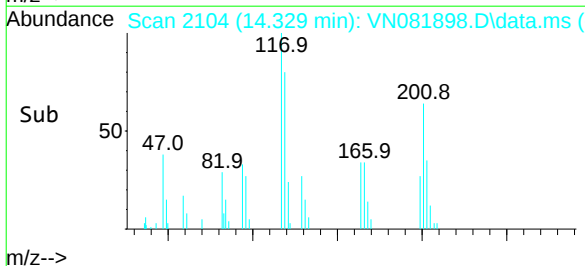
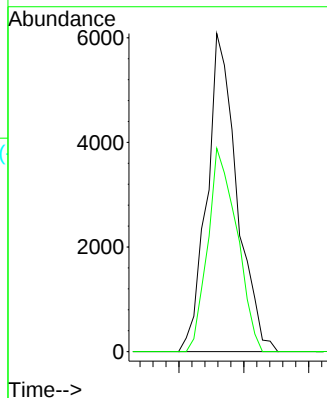
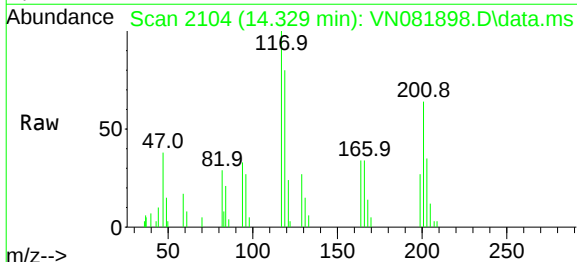
Manual Integrations
APPROVED

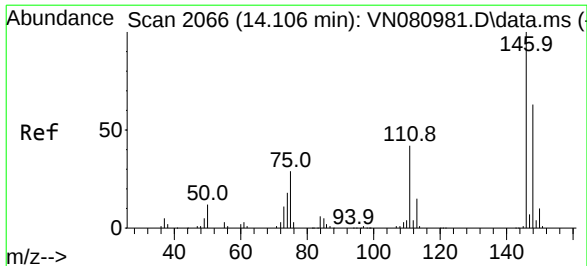
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#86
Hexachloroethane
Concen: 6.507 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

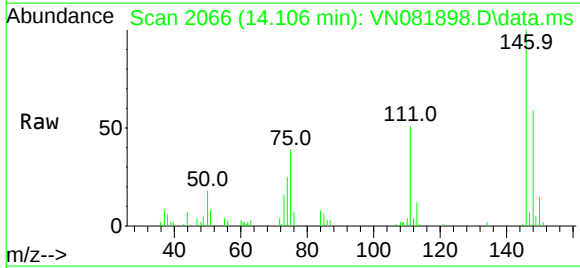
Tgt Ion:	117	Resp:	9728
Ion	Ratio	Lower	Upper
117	100		
201	62.2	38.0	114.0





#87
1,2-Dichlorobenzene
Concen: 4.936 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

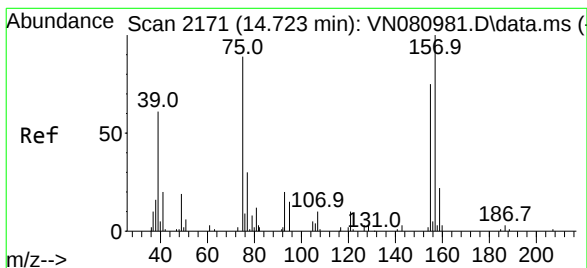
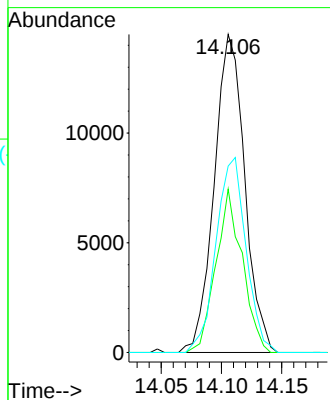
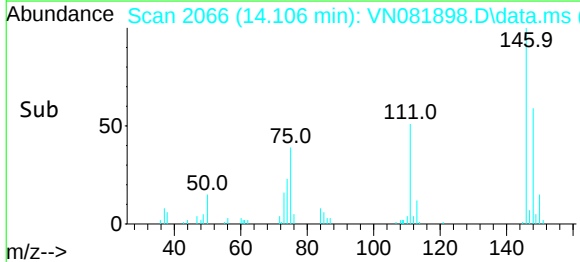
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



Tgt Ion: 146 Resp: 25515
Ion Ratio Lower Upper
146 100
111 44.4 22.6 67.8
148 60.4 31.3 93.8

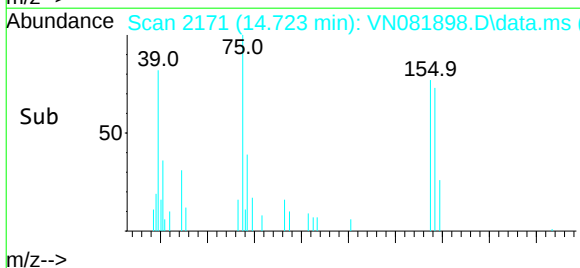
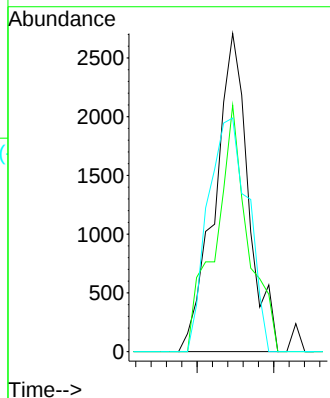
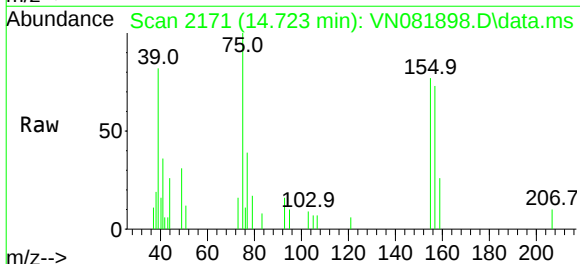
Manual Integrations
APPROVED

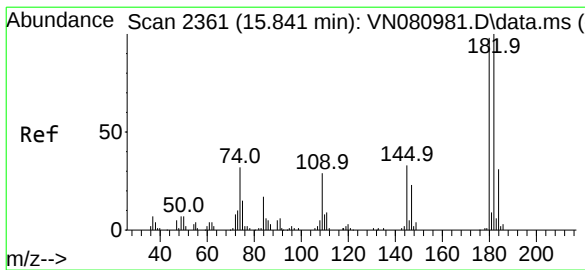
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 6.241 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

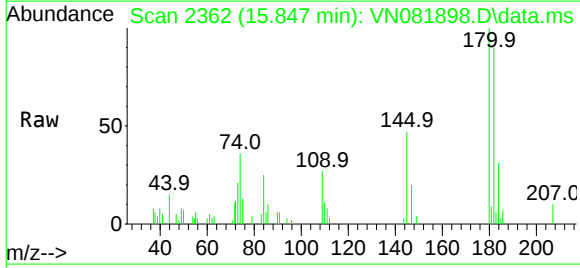
Tgt Ion: 75 Resp: 4123
Ion Ratio Lower Upper
75 100
155 56.6 61.7 92.5#
157 87.6 83.6 125.4





#89
1,2,4-Trichlorobenzene
Concen: 5.253 ug/l
RT: 15.847 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21

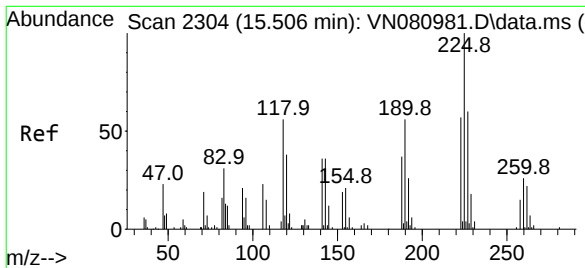
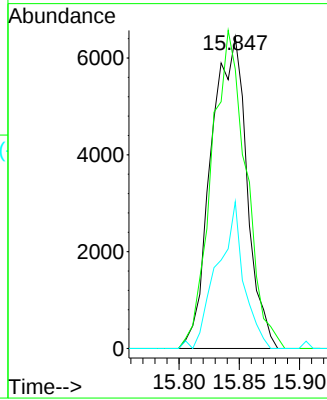
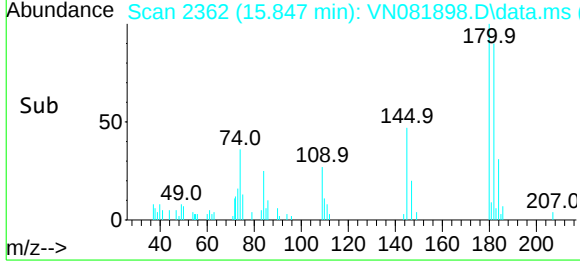
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



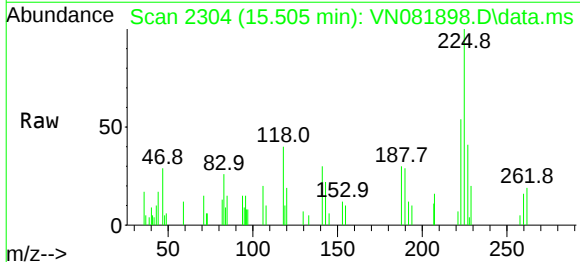
Tgt Ion:180 Resp: 13282
Ion Ratio Lower Upper
180 100
182 98.7 76.4 114.6
145 34.5 28.4 42.6

Manual Integrations
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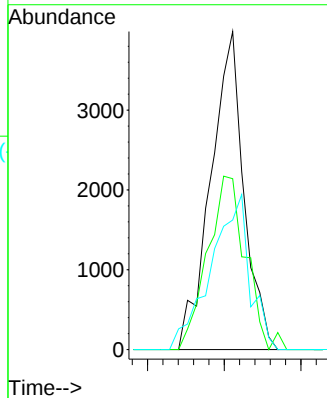
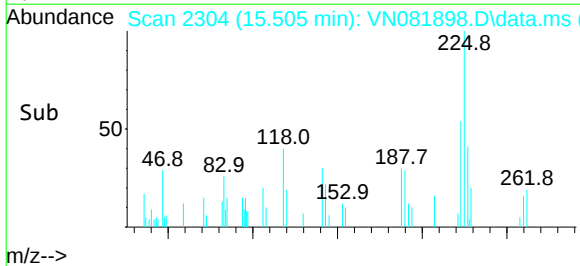
Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

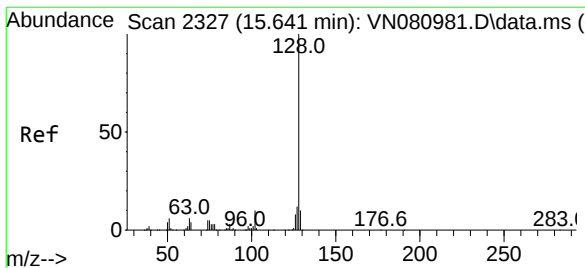


#90
Hexachlorobutadiene
Concen: 5.389 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN081898.D
Acq: 27 Apr 2024 02:21



Tgt Ion:225 Resp: 5978
Ion Ratio Lower Upper
225 100
223 61.6 0.0 126.6
227 56.8 0.0 126.6





#91

Naphthalene

Concen: 5.342 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Instrument :

MSVOA_N

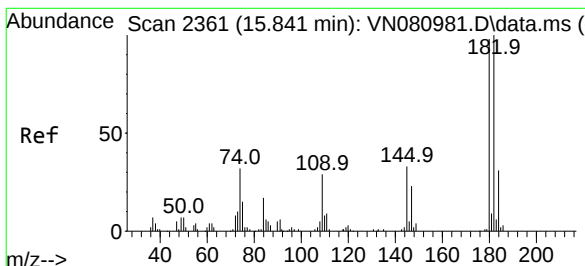
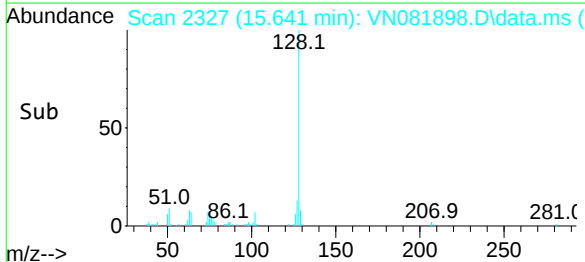
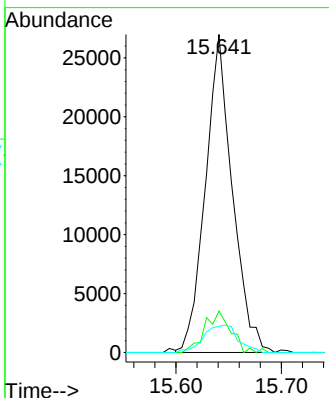
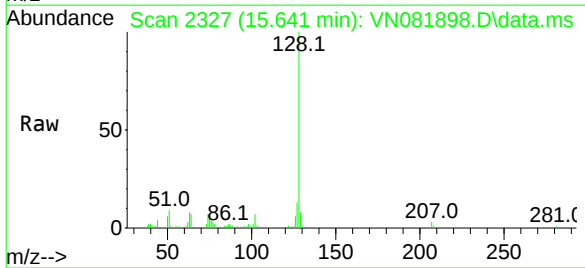
ClientSampleId :

VSTDIC005

Tgt Ion:	128	Resp:	47962
Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.6	16.0
129	11.0	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#92

1,2,3-Trichlorobenzene

Concen: 5.253 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081898.D

Acq: 27 Apr 2024 02:21

Tgt Ion:	180	Resp:	13282
Ion	Ratio	Lower	Upper
180	100		
182	98.7	0.0	191.0
145	34.5	0.0	71.0

