

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050624\
 Data File : VN082001.D
 Acq On : 06 May 2024 10:35
 Operator : JC\MD
 Sample : VN0506WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01

Quant Time: May 07 00:25:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

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

Internal Standards						
1) Bromochloromethane	7.818	128	35084	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	216132	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.865	117	197823	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	93078	31.687	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 105.633%			
60) 4-Bromofluorobenzene	12.847	95	94882	28.820	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 96.067%			
63) Toluene-d8	10.571	98	284879	30.323	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.067%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	34166	17.156	ug/l	95
3) Chloromethane	2.359	50	41869	18.128	ug/l	97
4) Vinyl Chloride	2.512	62	39782	18.234	ug/l	97
5) Bromomethane	2.965	94	20597	18.091	ug/l	96
6) Chloroethane	3.124	64	24166	19.560	ug/l	99
7) Trichlorofluoromethane	3.494	101	54412	17.043	ug/l	92
8) Diethyl Ether	3.959	74	28367	18.355	ug/l	87
9) 1,1,2-Trichlorotrifluoro...	4.371	101	37137	16.968	ug/l	86
10) 1,1-Dichloroethene	4.336	96	36802	17.187	ug/l	92
11) Methyl Iodide	4.583	142	33337	17.036	ug/l	81
12) Methyl Acetate	5.024	43	57406	21.411	ug/l	# 80
13) Acrolein	4.171	56	49479	86.831	ug/l	99
14) Acrylonitrile	5.712	53	116595	95.282	ug/l	96
15) Acetone	4.430	58	28657	104.509	ug/l	90
16) Carbon Disulfide	4.712	76	98720	16.641	ug/l	# 94
17) Allyl chloride	5.030	41	64677	17.204	ug/l	91
18) Methylene Chloride	5.283	84	45747	18.777	ug/l	95
19) trans-1,2-Dichloroethene	5.794	96	38946	17.474	ug/l	92
20) Diisopropyl ether	6.671	45	153832	18.495	ug/l	# 94
21) 1,1-Dichloroethane	6.571	63	82621	18.759	ug/l	96
22) cis-1,2-Dichloroethene	7.488	96	50101	18.446	ug/l	95
23) tert-Butyl Alcohol	5.512	59	51131m	101.442	ug/l	
24) Methyl tert-Butyl Ether	5.800	73	137508	17.813	ug/l	# 84
25) Chloroform	7.965	83	76756	18.115	ug/l	99
26) Cyclohexane	8.259	56	66704	17.514	ug/l	# 90
29) 1,1-Dichloropropene	8.371	75	55679	17.304	ug/l	94
30) 2-Butanone	7.477	43	158748	95.711	ug/l	95
31) 2,2-Dichloropropane	7.488	77	67094	20.347	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	63722	17.219	ug/l	# 94
33) Carbon Tetrachloride	8.359	117	48968	16.305	ug/l	94
34) Benzene	8.612	78	184812	18.004	ug/l	94
35) Methacrylonitrile	7.782	41	37614	17.925	ug/l	93
36) 1,2-Dichloroethane	8.671	62	61127	17.739	ug/l	97
37) Trichloroethene	9.353	130	38014	15.119	ug/l	100
38) Methylcyclohexane	9.600	83	66938	17.221	ug/l	94
39) 1,2-Dichloropropane	9.624	63	46595	17.690	ug/l	97
40) Dibromomethane	9.712	93	30432	17.985	ug/l	87
41) Bromodichloromethane	9.888	83	62726	17.344	ug/l	96
42) Vinyl Acetate	6.600	43	630141	89.259	ug/l	96

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Instrument :
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Manual Integrations
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Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024

Quant Time: May 07 00:25:05 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	64693	17.889	ug/l	100
44) Isopropyl Acetate	8.688	43	116497	18.145	ug/l	91
45) 1,4-Dioxane	9.700	88	20993	407.728	ug/l #	95
46) Methyl methacrylate	9.682	41	52892	18.033	ug/l	77
47) n-amyl Acetate	12.494	43	1033331m	17.845	ug/l	
48) t-1,3-Dichloropropene	10.835	75	69343	17.681	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	74319	17.923	ug/l #	80
50) 1,1,2-Trichloroethane	11.018	97	41361	18.017	ug/l	98
51) Ethyl methacrylate	10.876	69	75649	17.460	ug/l	78
52) 1,3-Dichloropropane	11.165	76	76556	18.152	ug/l	97
53) Dibromochloromethane	11.365	129	43456	17.399	ug/l	96
54) 1,2-Dibromoethane	11.470	107	40644	17.753	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	198928	91.817	ug/l	96
56) Bromoform	12.576	173	24624	16.199	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	346401	90.182	ug/l #	88
59) 2-Hexanone	11.194	43	264312	92.807	ug/l #	88
61) Tetrachloroethene	11.106	164	32617	14.859	ug/l	95
62) Toluene	10.629	91	187047	16.805	ug/l	100
64) Chlorobenzene	11.894	112	115893	17.023	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	37869	16.995	ug/l	96
66) Ethyl Benzene	11.965	91	205914	16.877	ug/l	99
67) m/p-Xylenes	12.070	106	154776	34.216	ug/l	96
68) o-Xylene	12.400	106	74504	16.647	ug/l	99
69) Styrene	12.412	104	125247	16.671	ug/l	99
70) Isopropylbenzene	12.694	105	190610	16.769	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	59667	18.241	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	54556m	17.840	ug/l	
73) Bromobenzene	12.982	156	37268	15.317	ug/l	77
74) n-propylbenzene	13.035	91	229570	17.119	ug/l	97
75) 2-Chlorotoluene	13.123	91	136657	16.473	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	152544	16.580	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	26391m	19.389	ug/l	
78) 4-Chlorotoluene	13.223	91	135207	16.636	ug/l	100
79) tert-butylbenzene	13.441	119	129773	16.382	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	150214	16.254	ug/l	94
81) sec-Butylbenzene	13.617	105	186091	16.759	ug/l	99
82) p-Isopropyltoluene	13.729	119	152095	17.322	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	70263	16.037	ug/l	97
84) 1,4-Dichlorobenzene	13.811	146	73650	16.725	ug/l	97
85) n-Butylbenzene	14.059	91	141504	17.643	ug/l	97
86) Hexachloroethane	14.335	117	29373	16.777	ug/l	75
87) 1,2-Dichlorobenzene	14.106	146	72026	16.506	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.723	75	11696	15.934	ug/l	92
89) 1,2,4-Trichlorobenzene	15.841	180	37245	15.501	ug/l	99
90) Hexachlorobutadiene	15.500	225	12999	14.608	ug/l	99
91) Naphthalene	15.641	128	144980	15.873	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	37245	15.501	ug/l	99

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

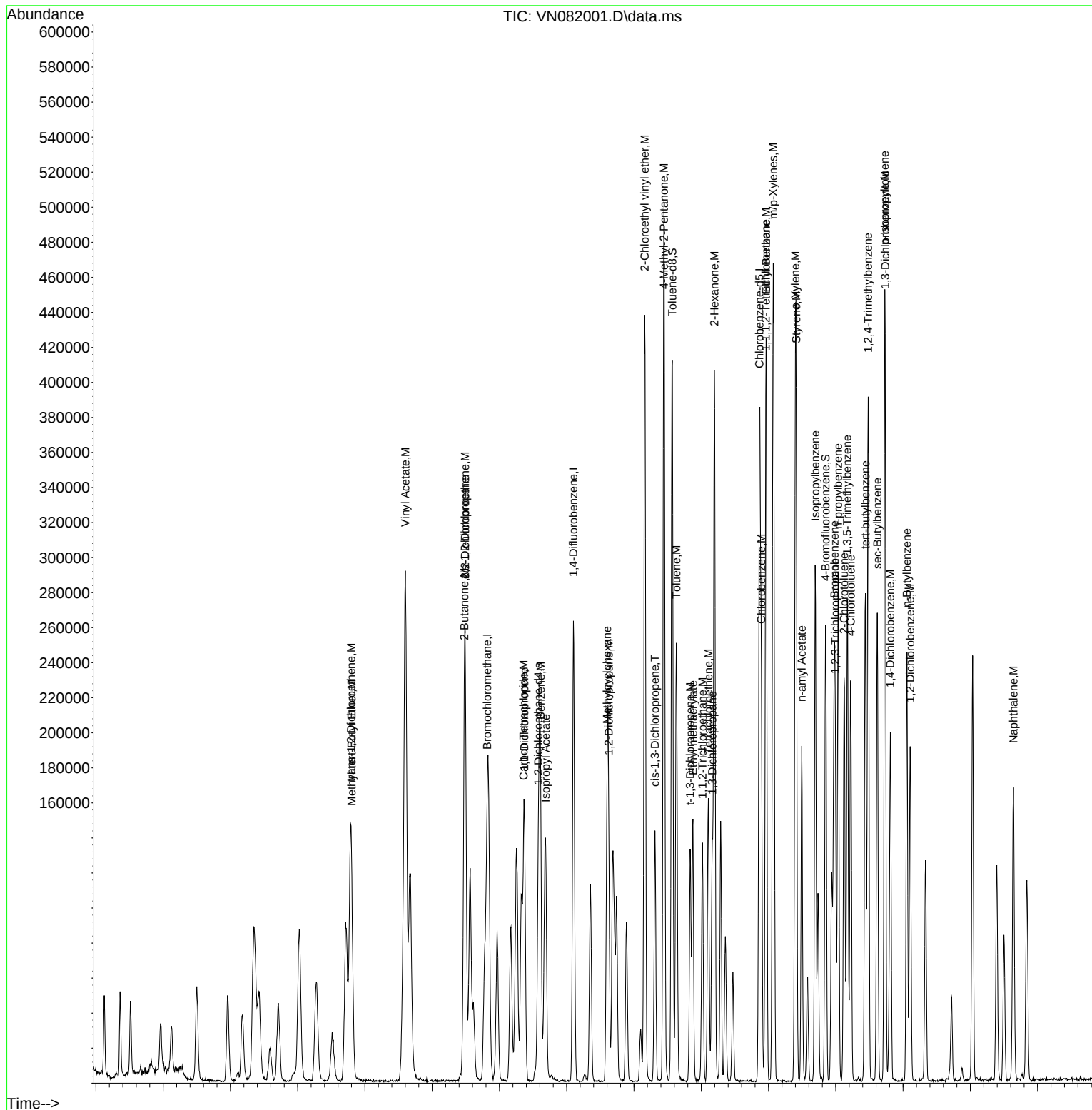
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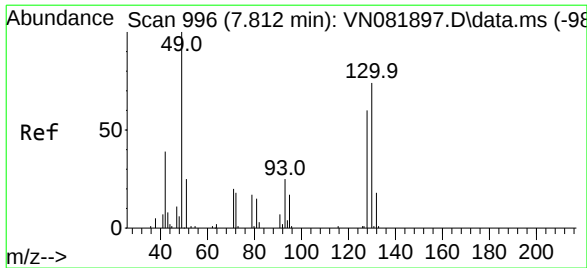
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024

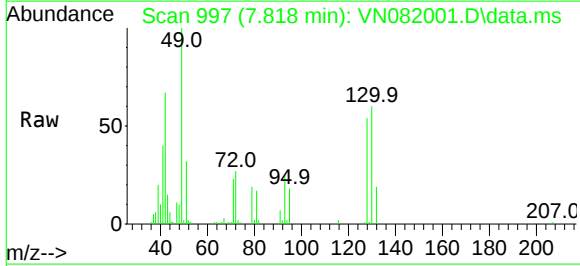
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Apr 27 04:37:27 2024
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

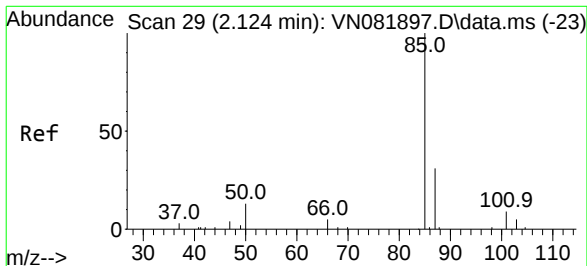
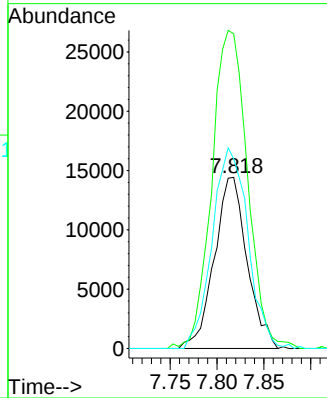
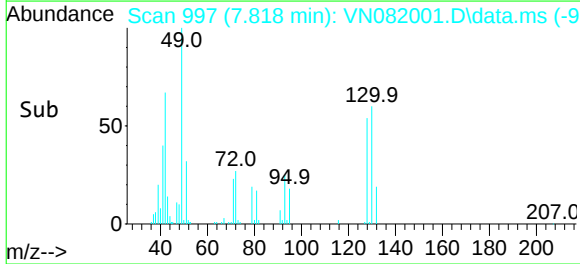
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion:128 Resp: 35084
Ion Ratio Lower Upper
128 100
49 202.1 0.0 403.7
130 127.4 0.0 323.3

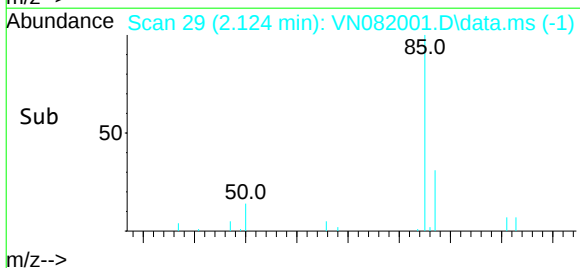
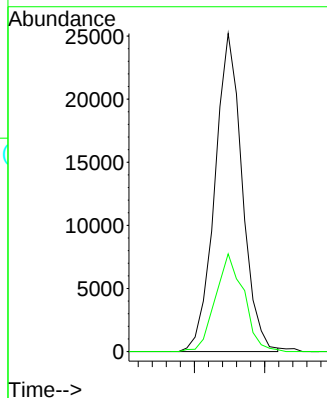
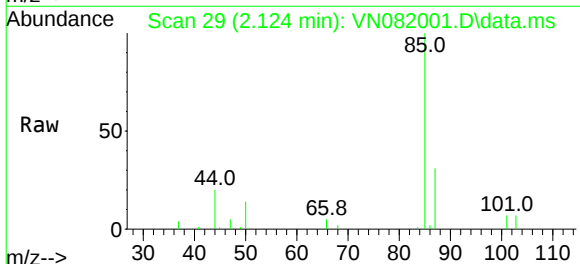
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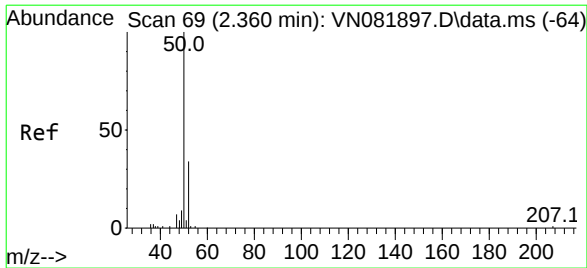
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#2
Dichlorodifluoromethane
Concen: 17.156 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

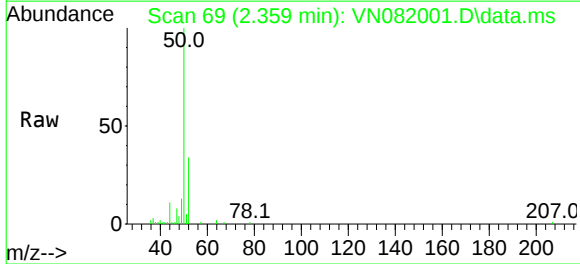
Tgt Ion: 85 Resp: 34166
Ion Ratio Lower Upper
85 100
87 30.7 16.8 50.3





#3
Chloromethane
Concen: 18.128 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

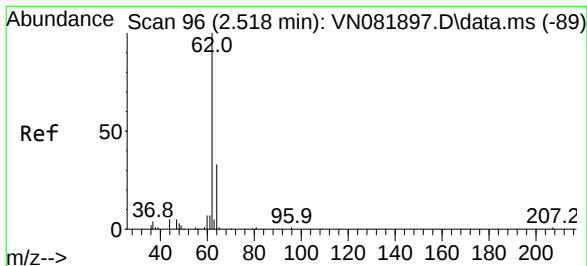
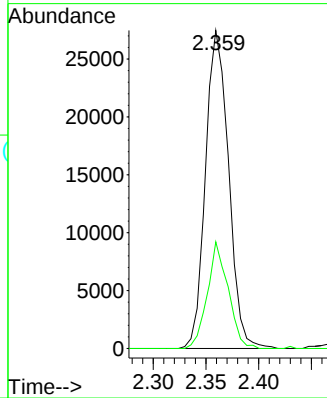
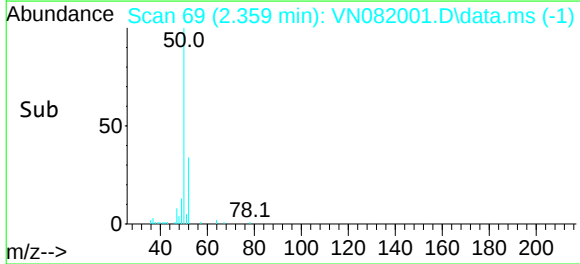
Instrument :
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ClientSampleId :
VN0506WBS01



Tgt Ion: 50 Resp: 41869
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.0

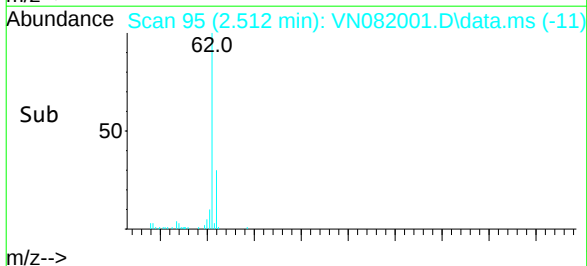
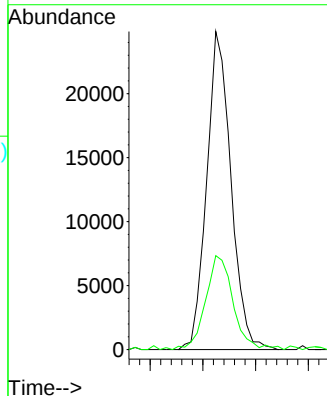
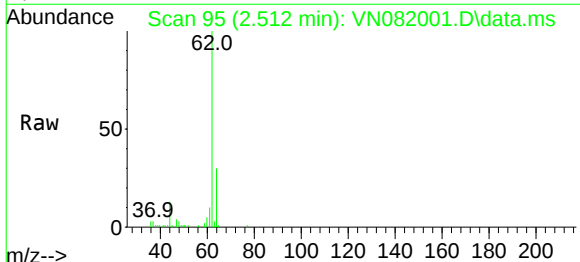
Manual Integrations
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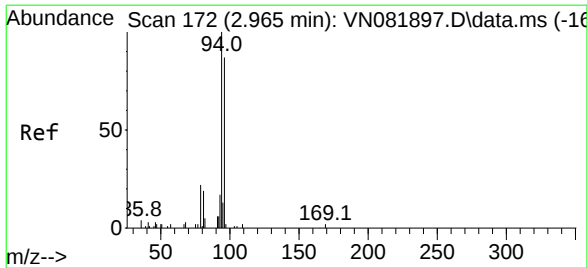
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#4
Vinyl Chloride
Concen: 18.234 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion: 62 Resp: 39782
Ion Ratio Lower Upper
62 100
64 28.5 24.1 36.1





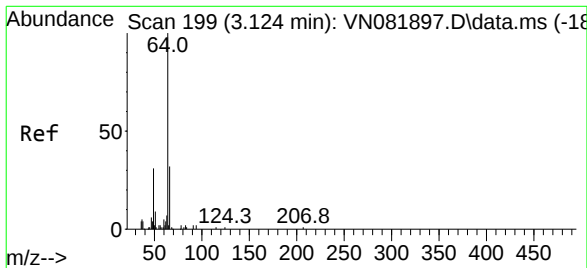
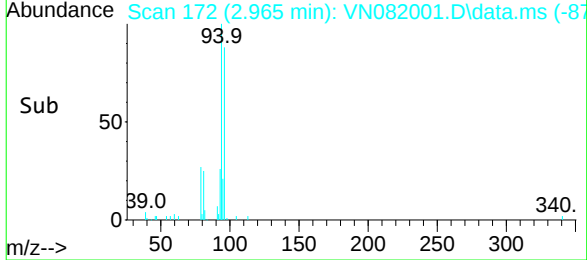
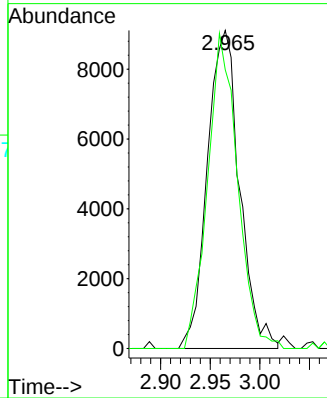
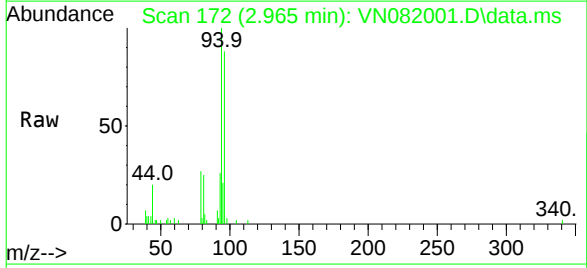
#5
Bromomethane
Concen: 18.091 ug/l
RT: 2.965 min Scan# 17
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
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Tgt Ion: 94 Resp: 20597
Ion Ratio Lower Upper
94 100
96 87.6 72.8 109.2

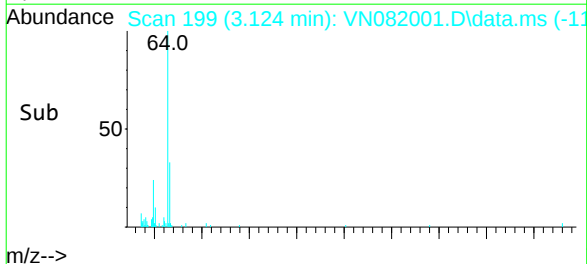
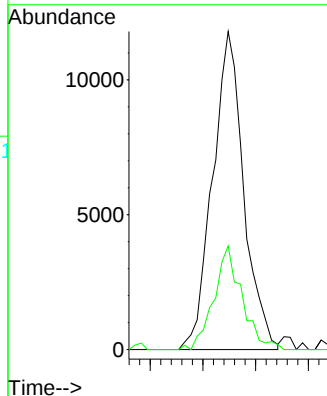
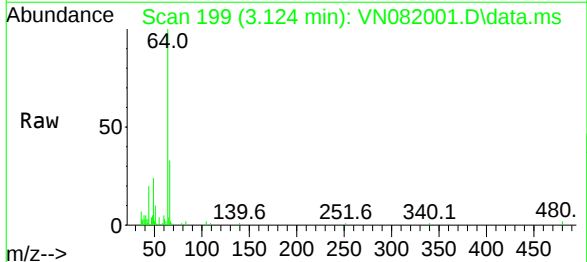
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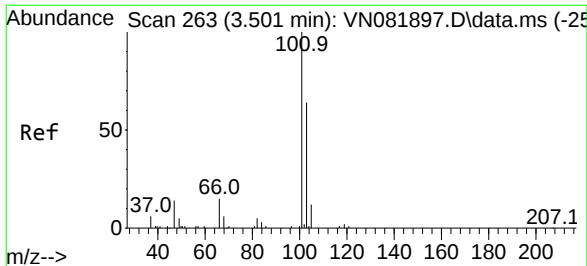
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#6
Chloroethane
Concen: 19.560 ug/l
RT: 3.124 min Scan# 199
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

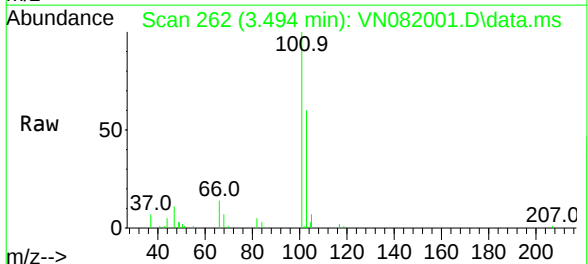
Tgt Ion: 64 Resp: 24166
Ion Ratio Lower Upper
64 100
66 32.6 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 17.043 ug/l
 RT: 3.494 min Scan# 263
 Delta R.T. -0.006 min
 Lab File: VN082001.D
 Acq: 06 May 2024 10:35

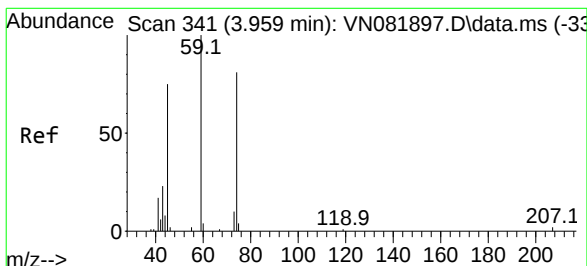
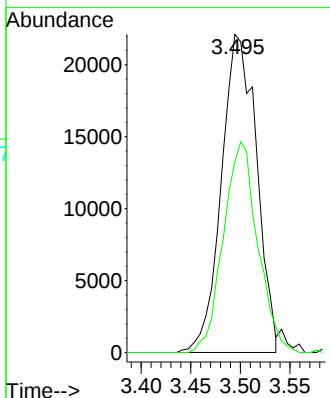
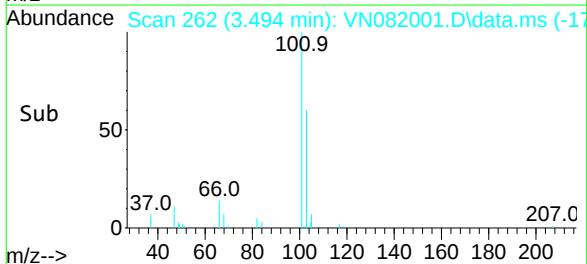
Instrument :
 MSVOA_N
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 VN0506WBS01



Tgt Ion: 101 Resp: 54412
 Ion Ratio Lower Upper
 101 100
 103 60.1 53.0 79.4

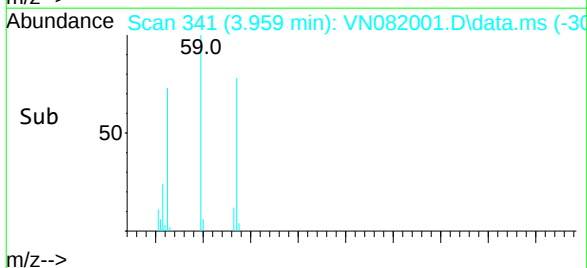
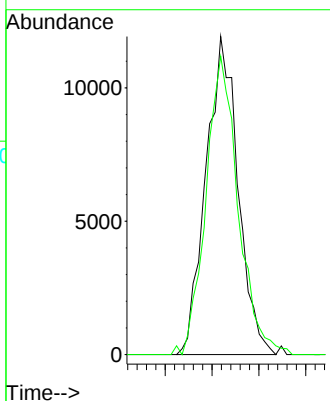
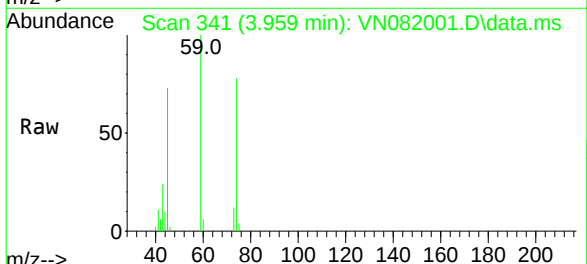
Manual Integrations
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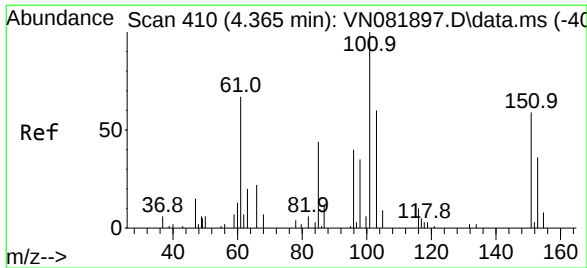
Reviewed By : John Carlone 05/07/2024
 Supervised By : Semsettin Yesilyurt 05/07/2024



#8
 Diethyl Ether
 Concen: 18.355 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN082001.D
 Acq: 06 May 2024 10:35

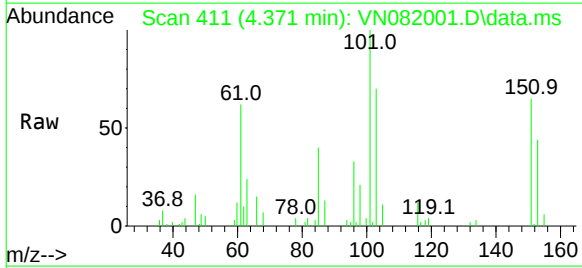
Tgt Ion: 74 Resp: 28367
 Ion Ratio Lower Upper
 74 100
 45 93.8 16.4 147.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.968 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN082001.D
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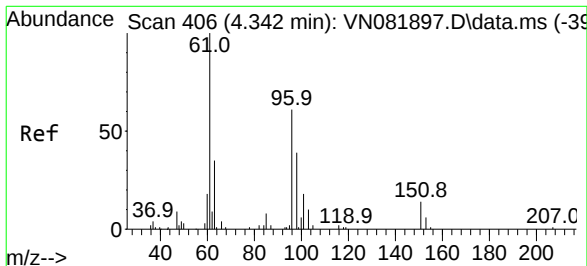
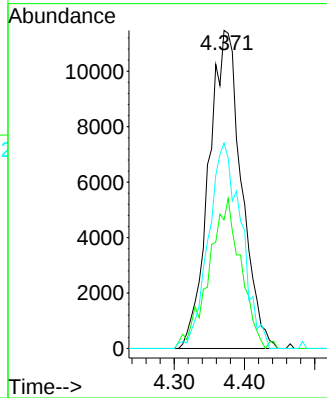
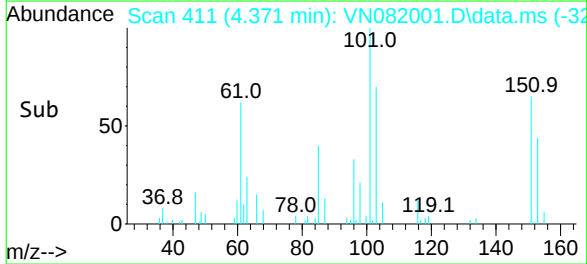
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.9	0.0	90.6
151	60.5	0.0	157.6

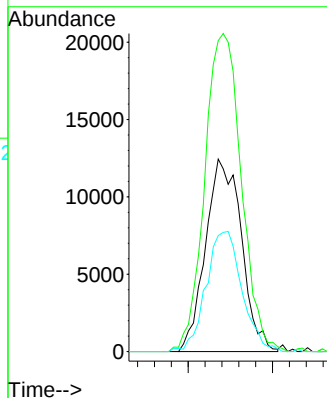
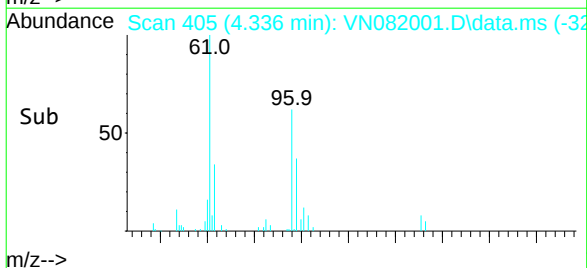
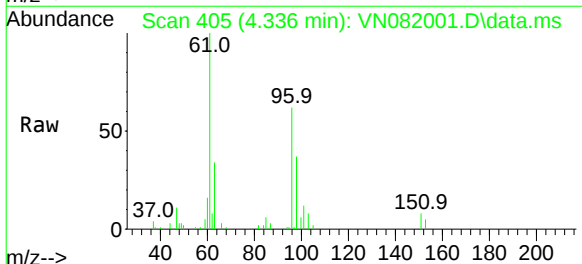
Manual Integrations
APPROVED

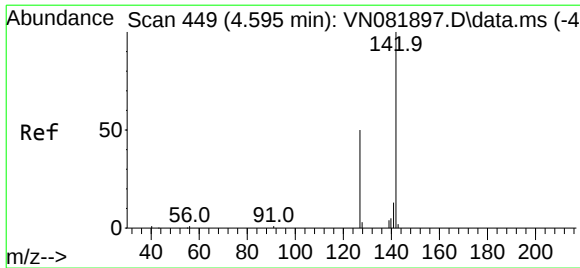
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#10
1,1-Dichloroethene
Concen: 17.187 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

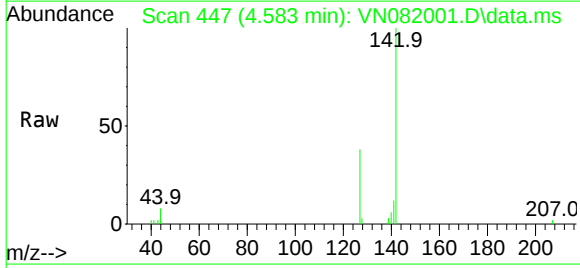
Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.3	117.6	176.4
98	58.8	48.4	72.6





#11
Methyl Iodide
Concen: 17.036 ug/l
RT: 4.583 min Scan# 44
Delta R.T. -0.012 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

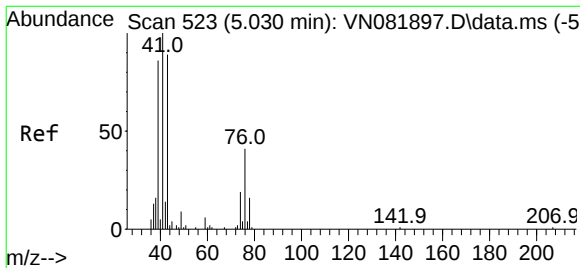
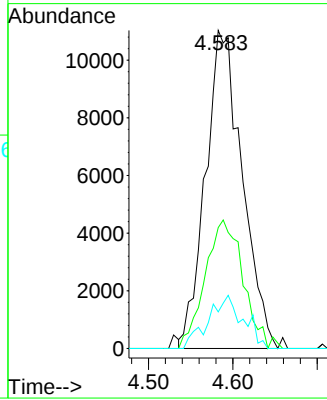
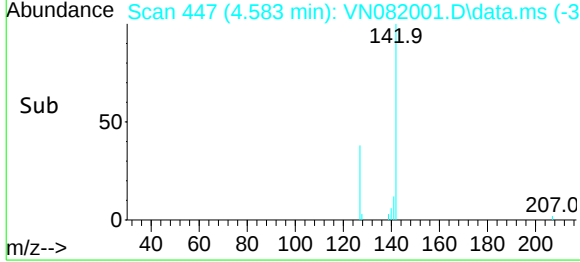
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



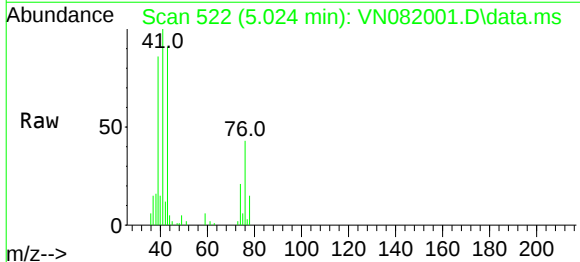
Tgt Ion:	142	Resp:	33337
Ion Ratio	Lower	Upper	
142	100		
127	37.7	26.3	78.9
141	11.7	8.3	24.9

Manual Integrations
APPROVED

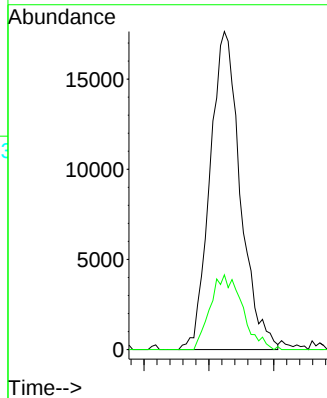
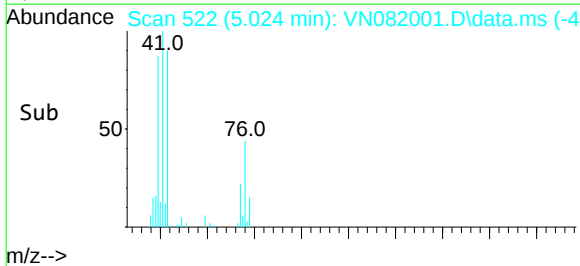
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

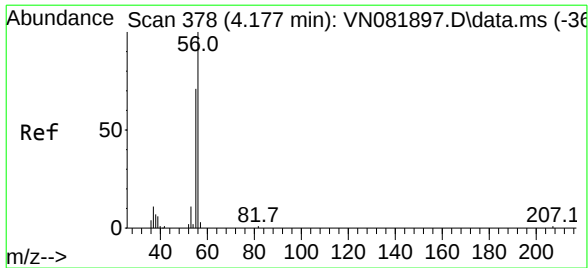


#12
Methyl Acetate
Concen: 21.411 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35



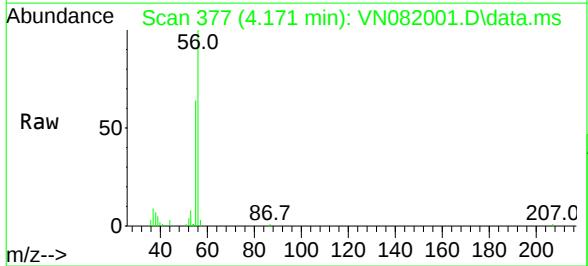
Tgt Ion:	43	Resp:	57406
Ion Ratio	Lower	Upper	
43	100		
74	23.2	27.7	41.5#





#13
Acrolein
Concen: 86.831 ug/l
RT: 4.171 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

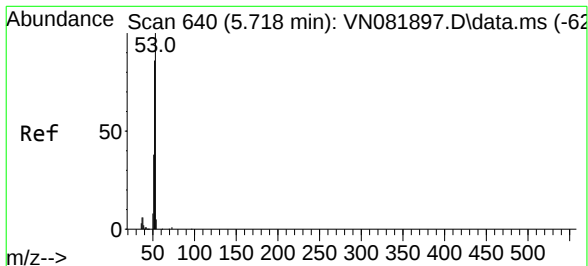
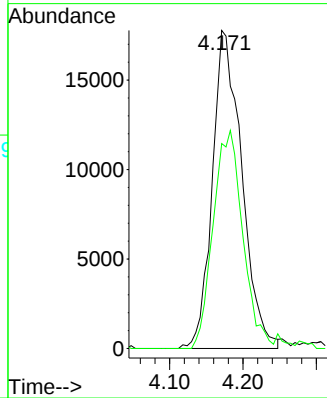
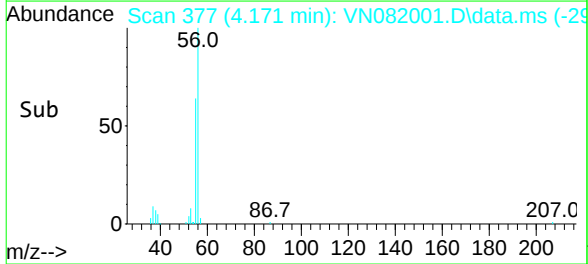
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 56 Resp: 49479
Ion Ratio Lower Upper
56 100
55 68.9 55.5 83.3

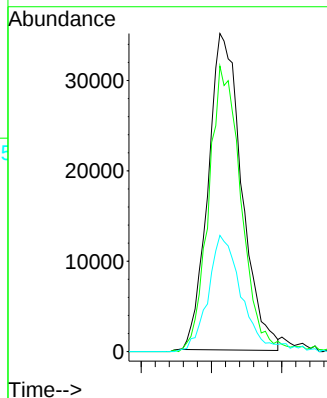
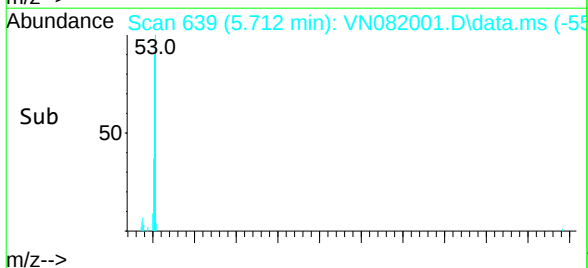
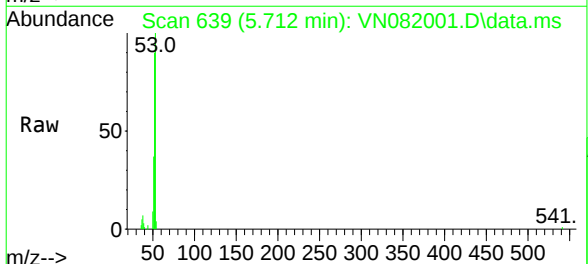
Manual Integrations
APPROVED

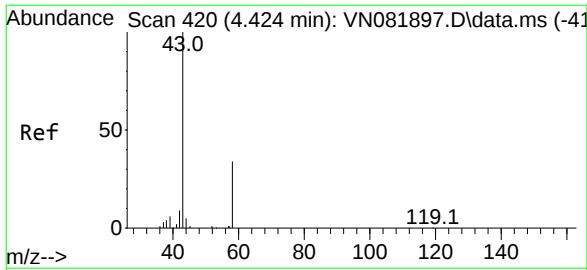
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#14
Acrylonitrile
Concen: 95.282 ug/l
RT: 5.712 min Scan# 639
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion: 53 Resp: 116595
Ion Ratio Lower Upper
53 100
52 85.6 41.3 123.9
51 35.7 16.8 50.3





#15

Acetone

Concen: 104.509 ug/l

RT: 4.430 min Scan# 42

Delta R.T. 0.006 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Tgt Ion: 58 Resp: 28657

Ion Ratio Lower Upper

58 100

43 298.1 223.1 334.7

Instrument :

MSVOA_N

ClientSampleId :

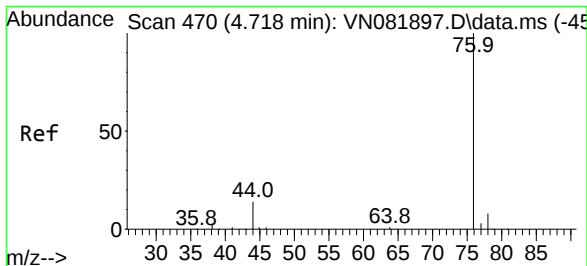
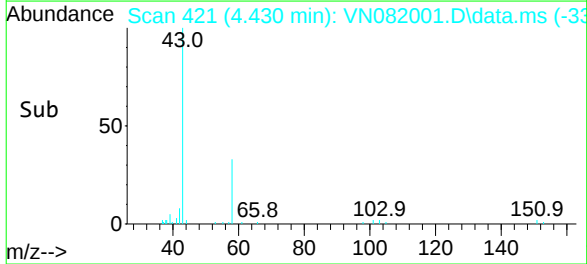
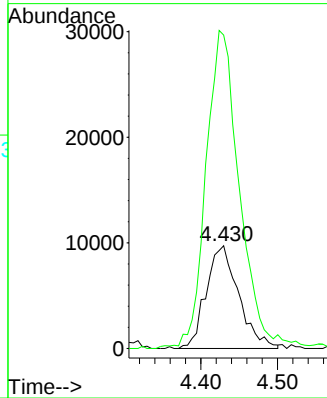
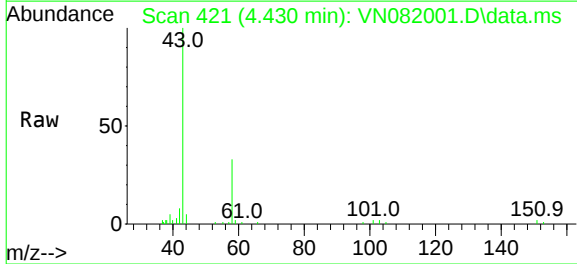
VN0506WBS01

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#16

Carbon Disulfide

Concen: 16.641 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN082001.D

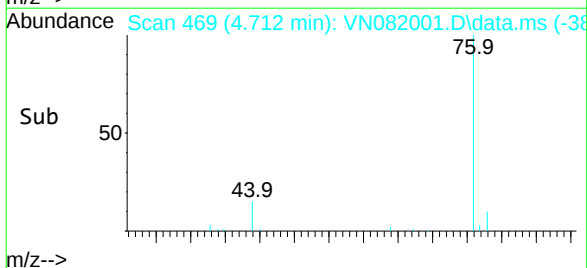
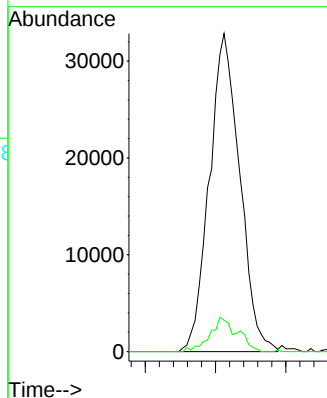
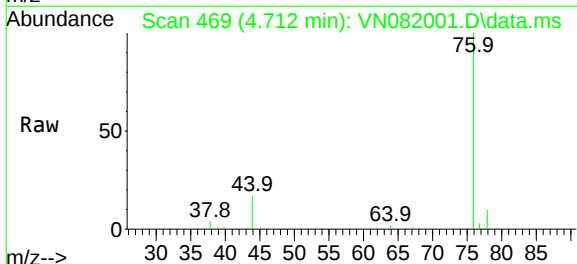
Acq: 06 May 2024 10:35

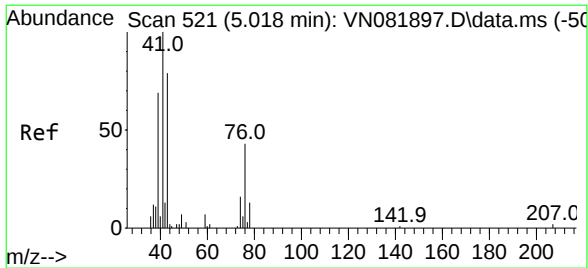
Tgt Ion: 76 Resp: 98720

Ion Ratio Lower Upper

76 100

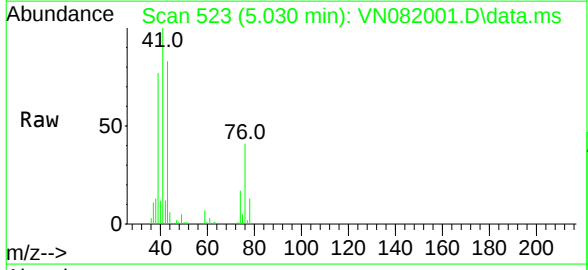
78 9.9 6.3 9.5#





#17
 Allyl chloride
 Concen: 17.204 ug/l
 RT: 5.030 min Scan# 521
 Delta R.T. 0.012 min
 Lab File: VN082001.D
 Acq: 06 May 2024 10:35

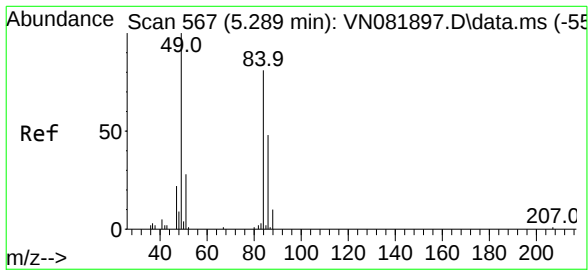
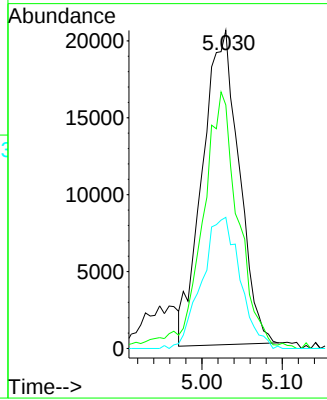
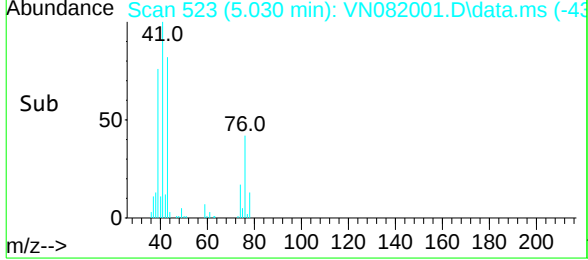
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0506WBS01



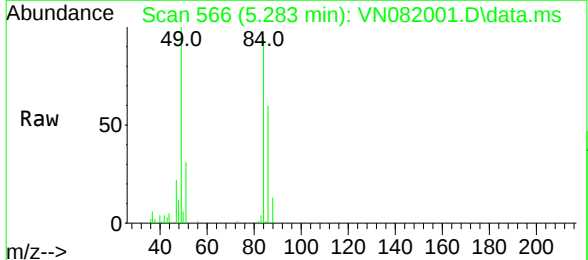
Tgt Ion:	41	Resp:	64677
Ion	Ratio	Lower	Upper
41	100		
39	76.8	37.6	112.9
76	41.2	27.8	83.4

Manual Integrations
 APPROVED

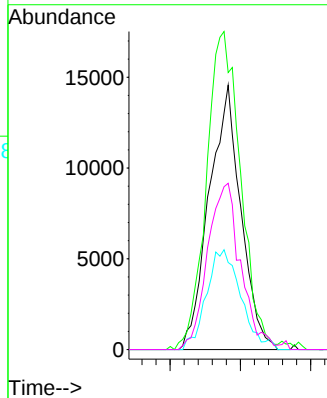
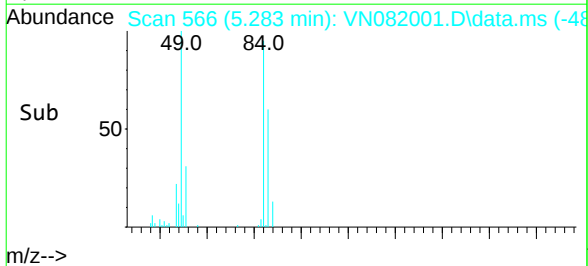
Reviewed By :John Carlone 05/07/2024
 Supervised By :Semsettin Yesilyurt 05/07/2024

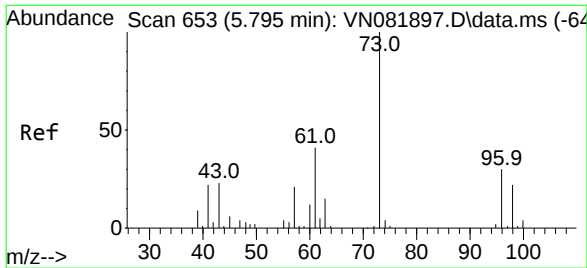


#18
 Methylene Chloride
 Concen: 18.777 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: VN082001.D
 Acq: 06 May 2024 10:35



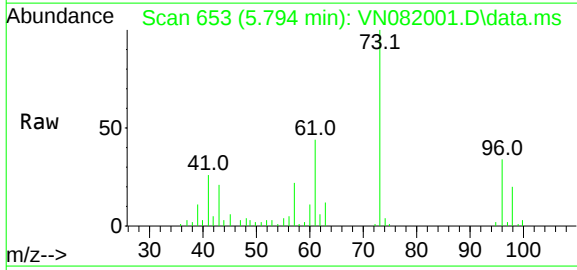
Tgt Ion:	84	Resp:	45747
Ion	Ratio	Lower	Upper
84	100		
49	102.8	86.0	129.0
51	32.9	30.0	45.0
86	62.9	53.0	79.4





#19
trans-1,2-Dichloroethene
Concen: 17.474 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

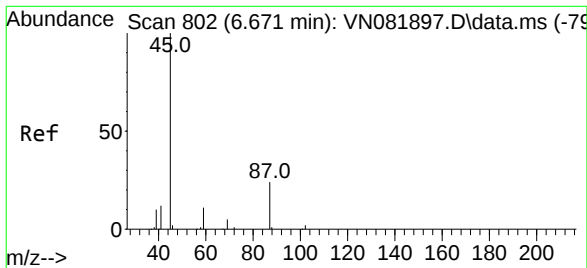
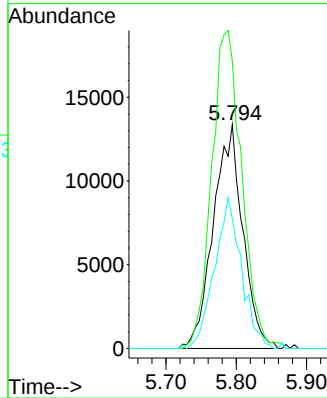
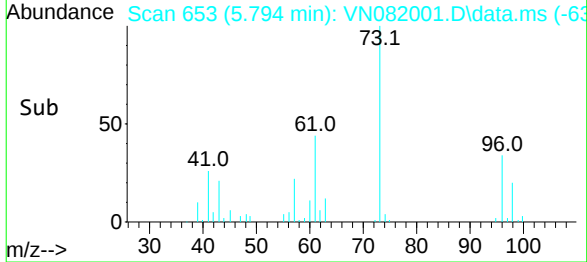
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 96 Resp: 38946
Ion Ratio Lower Upper
96 100
61 128.5 111.8 167.6
98 58.0 49.2 73.8

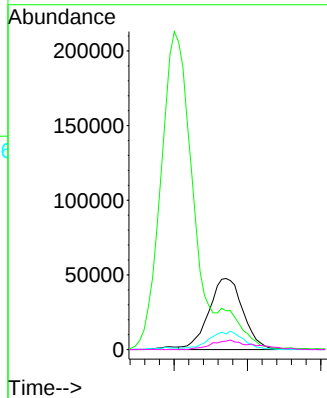
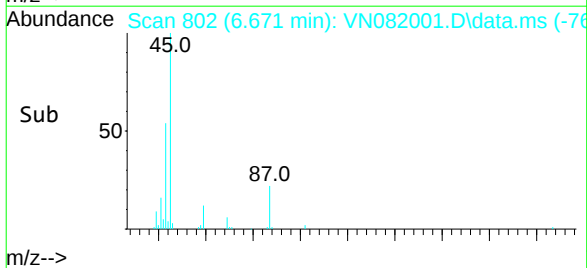
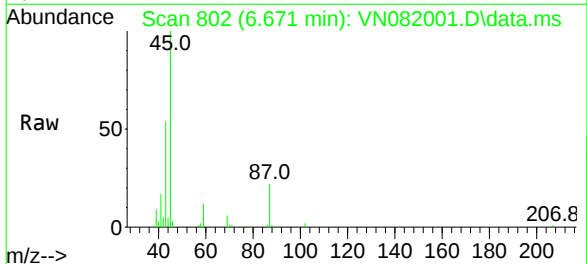
Manual Integrations
APPROVED

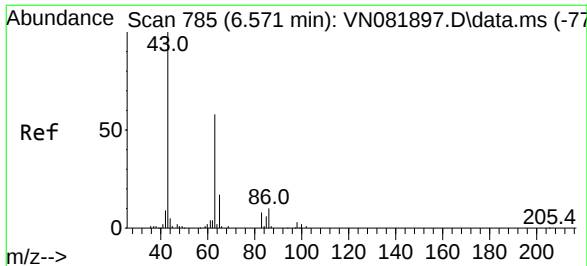
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#20
Diisopropyl ether
Concen: 18.495 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion: 45 Resp: 153832
Ion Ratio Lower Upper
45 100
43 52.6 40.4 60.6
87 22.3 23.8 35.8#
59 12.0 9.8 14.6





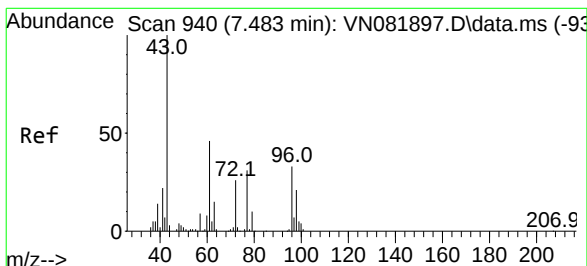
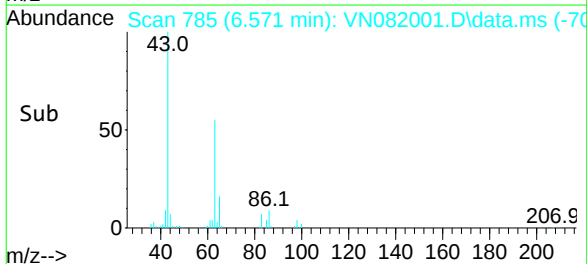
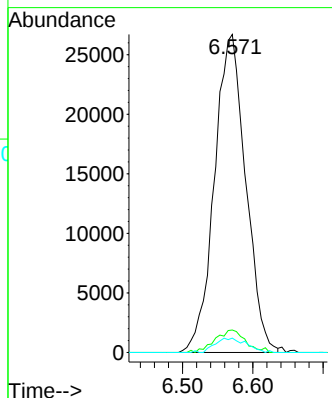
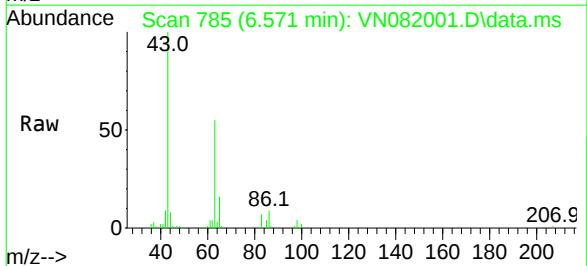
#21
1,1-Dichloroethane
Concen: 18.759 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:	63	Resp:	82621
Ion	Ratio	Lower	Upper
63	100		
98	7.1	4.1	12.3
100	4.5	3.0	9.0

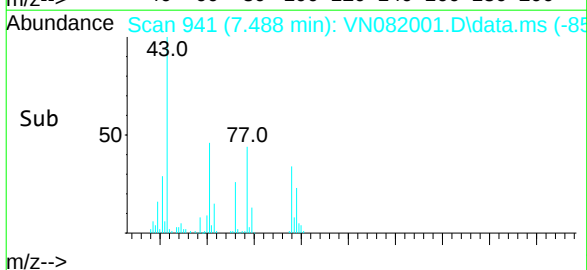
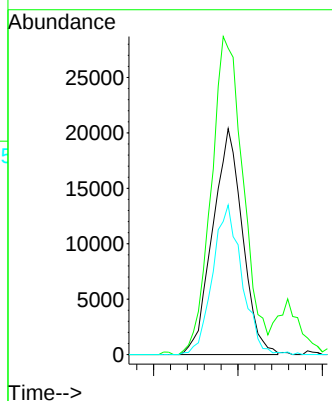
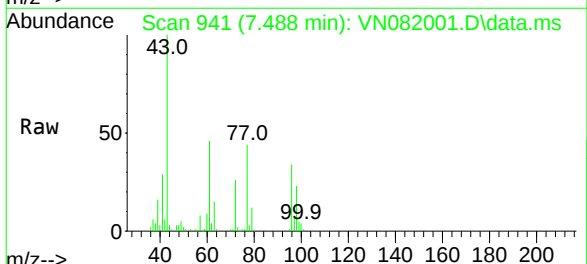
Manual Integrations
APPROVED

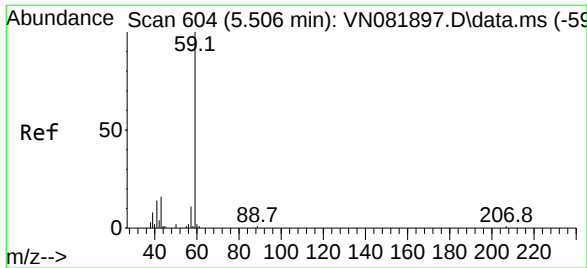
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#22
cis-1,2-Dichloroethene
Concen: 18.446 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

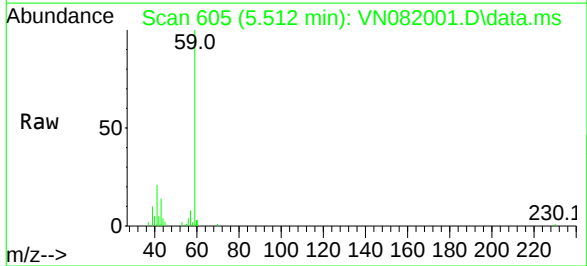
Tgt Ion:	96	Resp:	50101
Ion	Ratio	Lower	Upper
96	100		
61	150.7	113.5	170.3
98	64.4	52.0	78.0





#23
tert-Butyl Alcohol
Concen: 101.442 ug/l m
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

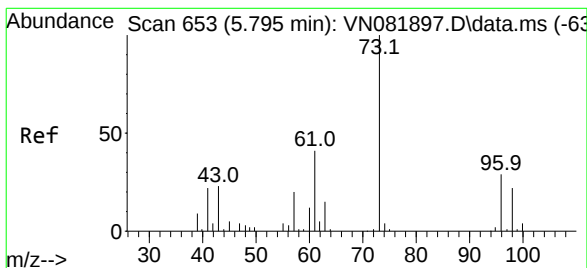
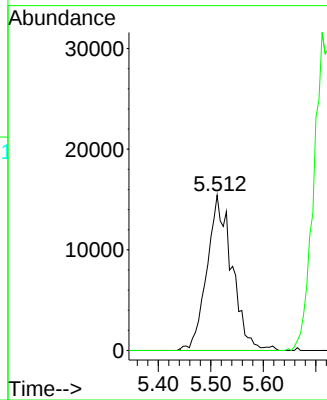
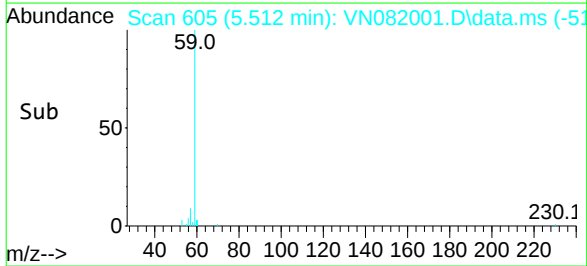
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 59 Resp: 51131
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

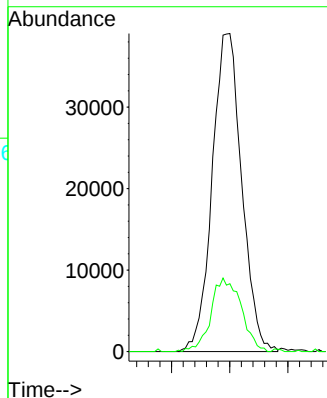
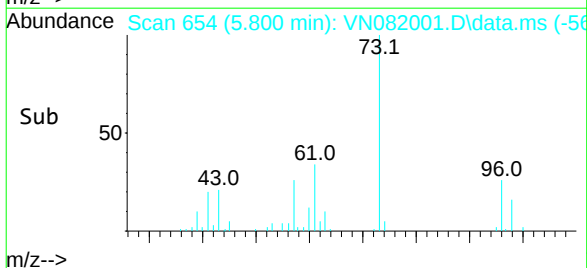
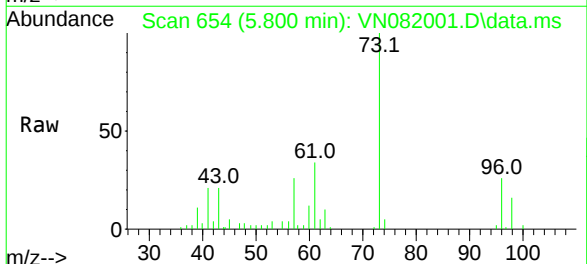
Manual Integrations
APPROVED

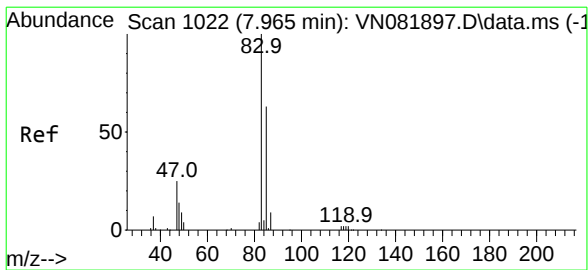
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#24
Methyl tert-Butyl Ether
Concen: 17.813 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

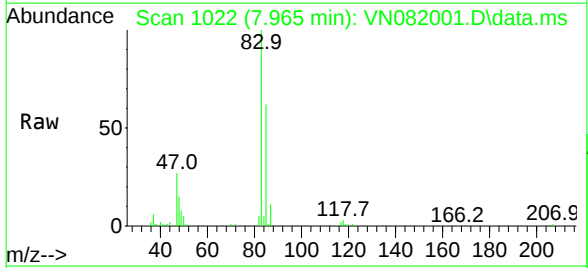
Tgt Ion: 73 Resp: 137508
Ion Ratio Lower Upper
73 100
43 23.6 13.4 20.2





#25
Chloroform
Concen: 18.115 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

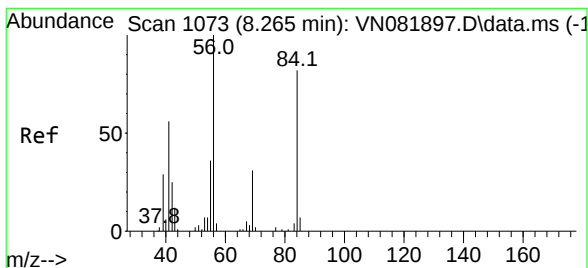
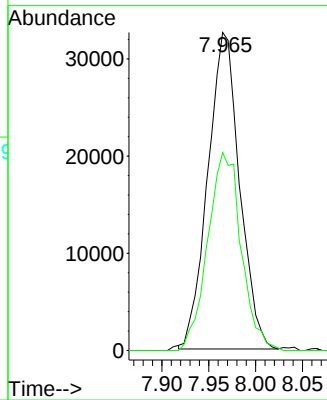
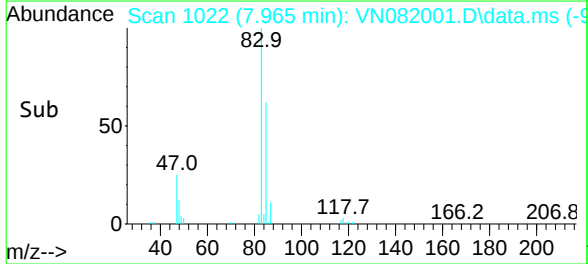
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 83 Resp: 76756
Ion Ratio Lower Upper
83 100
85 62.5 50.9 76.3

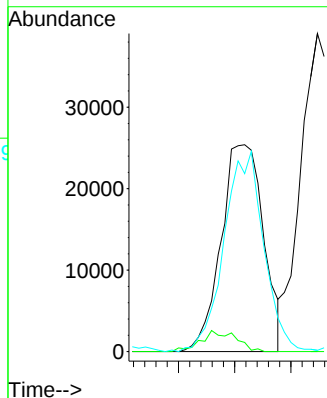
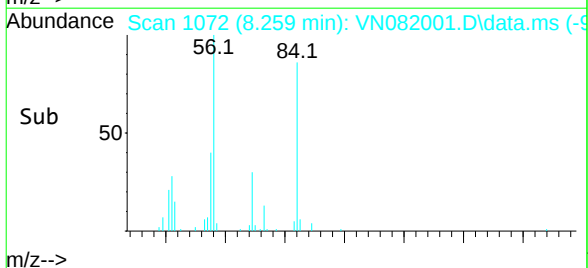
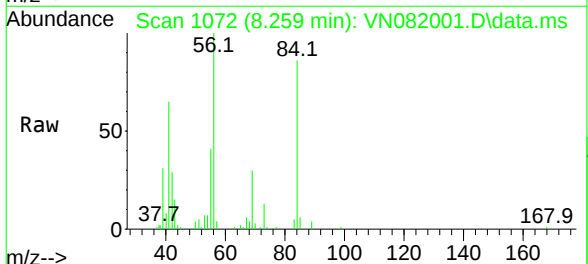
Manual Integrations
APPROVED

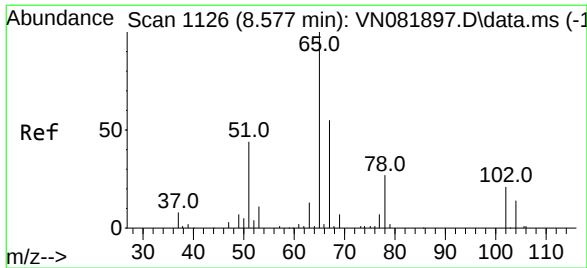
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#26
Cyclohexane
Concen: 17.514 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

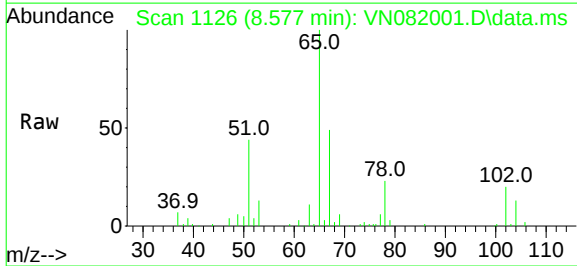
Tgt Ion: 56 Resp: 66704
Ion Ratio Lower Upper
56 100
89 2.8 19.3 28.9#
84 90.3 71.3 106.9





#27
1,2-Dichloroethane-d4
Concen: 31.687 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

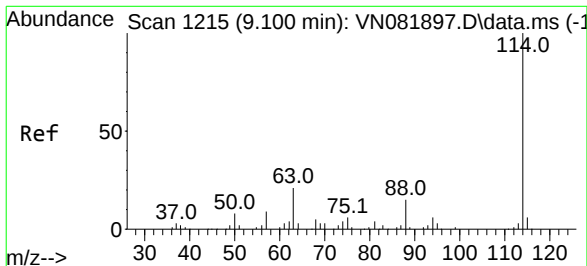
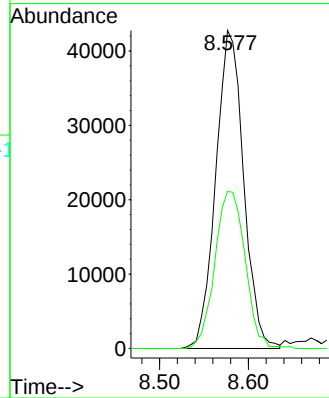
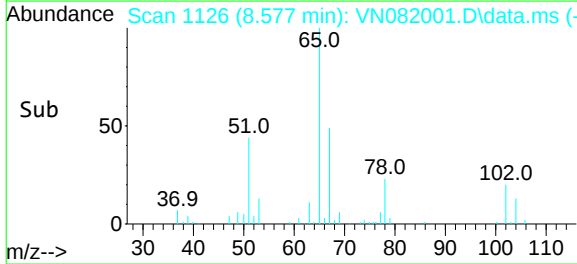
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 65 Resp: 93078
Ion Ratio Lower Upper
65 100
67 53.4 43.2 64.8

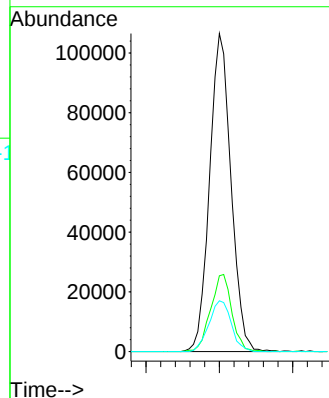
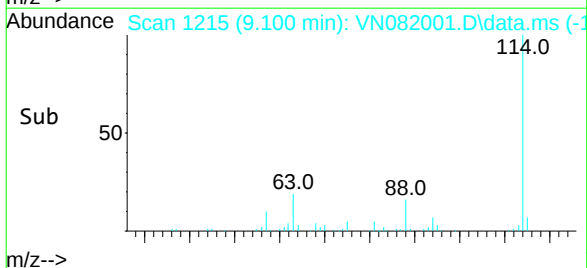
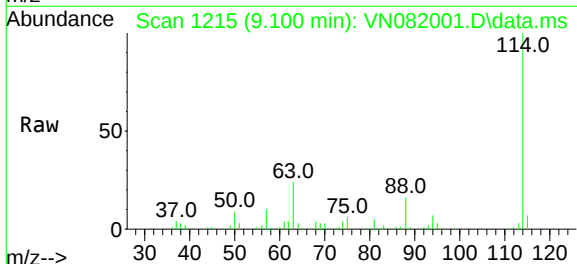
Manual Integrations
APPROVED

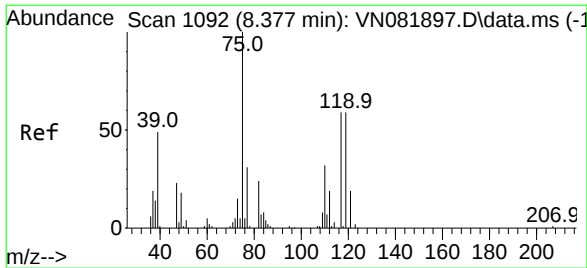
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:114 Resp: 216132
Ion Ratio Lower Upper
114 100
63 23.9 15.9 23.9#
88 16.6 12.7 19.1





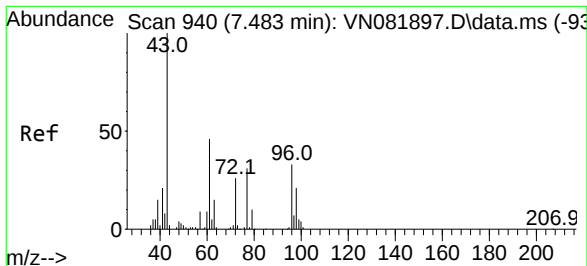
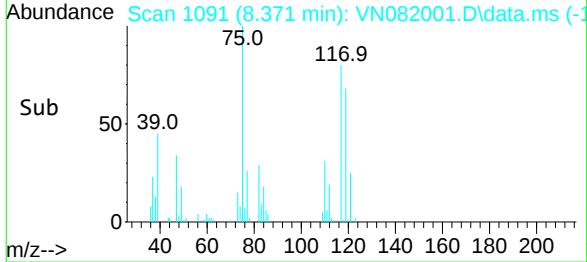
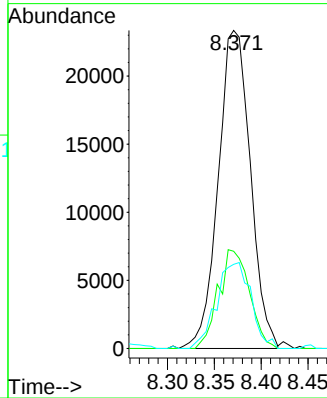
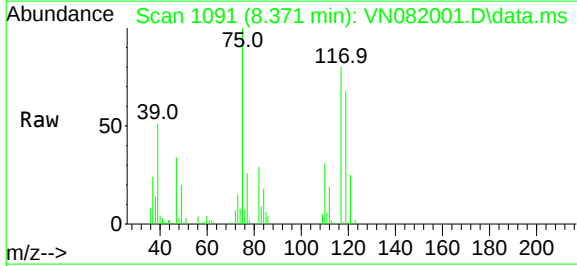
#29
1,1-Dichloropropene
Concen: 17.304 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion: 75	Resp: 55679
Ion Ratio	Lower Upper
75 100	
110 30.0	0.0 70.2
77 28.6	0.0 61.4

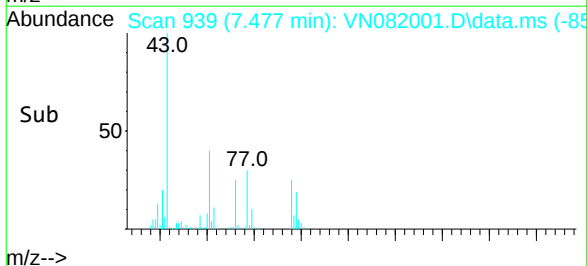
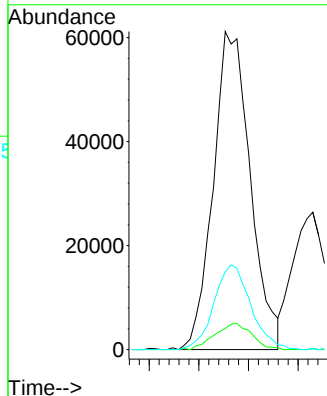
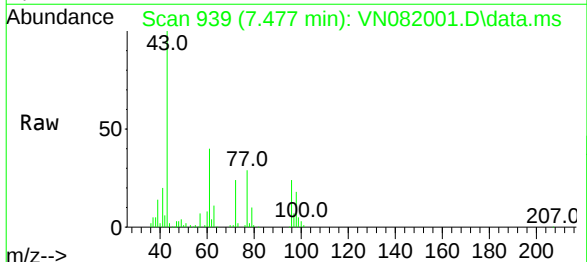
Manual Integrations
APPROVED

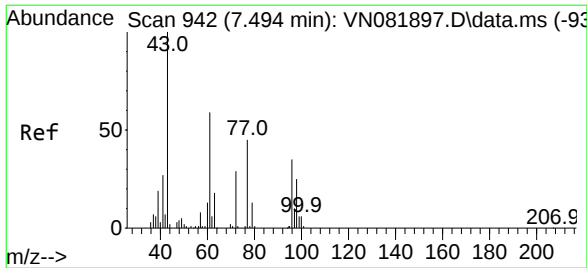
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#30
2-Butanone
Concen: 95.711 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

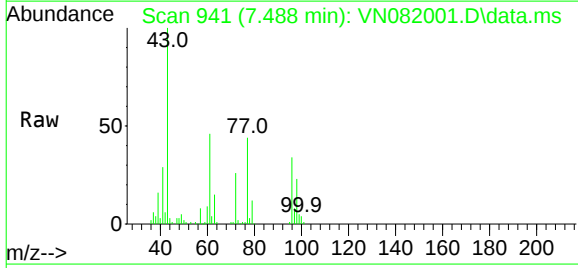
Tgt Ion: 43	Resp: 158748
Ion Ratio	Lower Upper
43 100	
57 8.1	6.7 10.1
72 26.4	24.0 36.0





#31
2,2-Dichloropropane
Concen: 20.347 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

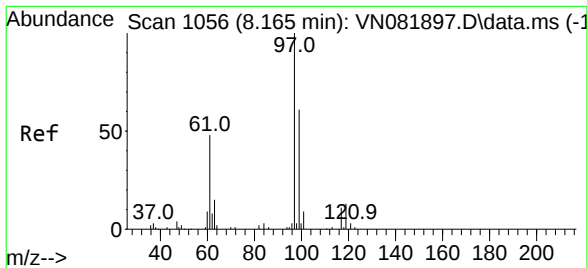
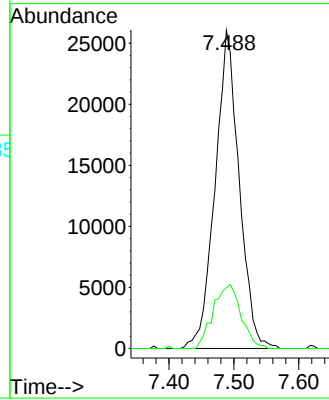
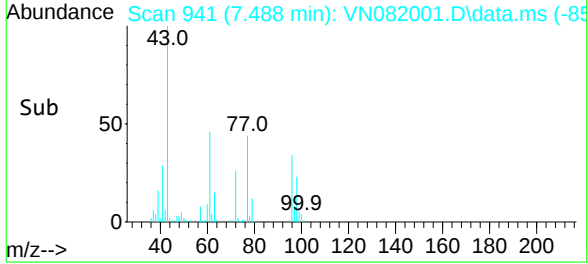
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 77 Resp: 67094
Ion Ratio Lower Upper
77 100
97 23.3 18.3 27.5

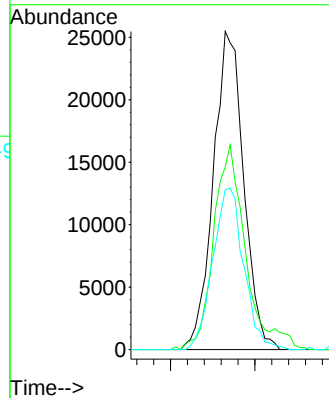
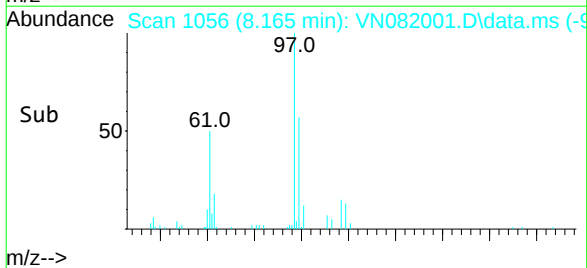
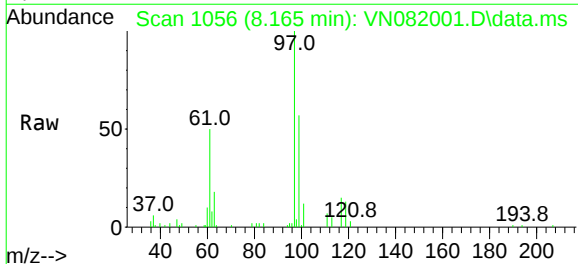
Manual Integrations
APPROVED

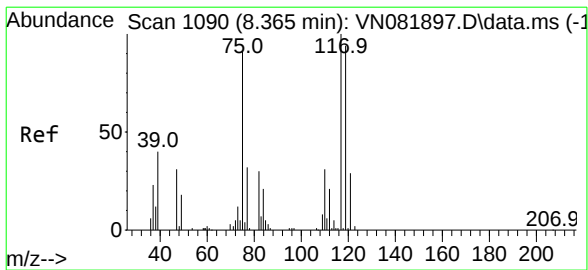
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#32
1,1,1-Trichloroethane
Concen: 17.219 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

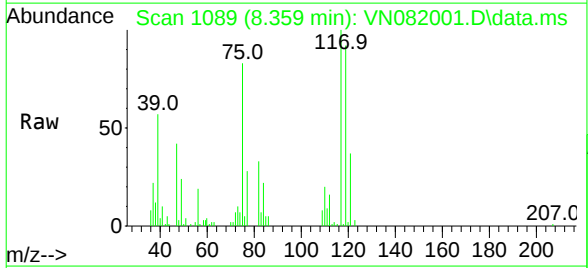
Tgt Ion: 97 Resp: 63722
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.4
61 51.7 33.8 50.8#





#33
Carbon Tetrachloride
Concen: 16.305 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

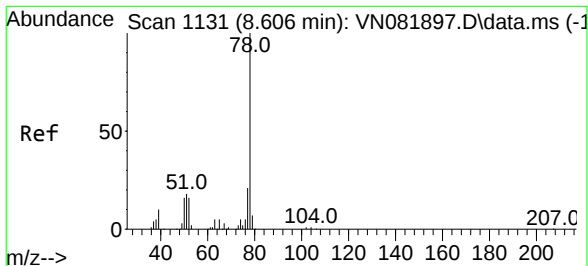
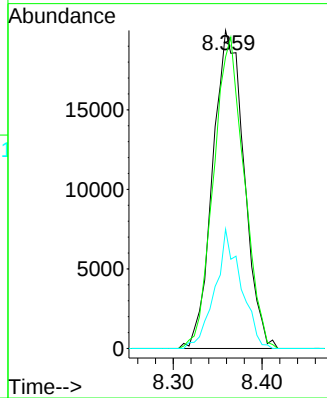
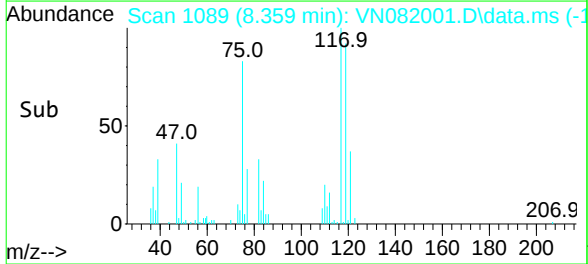
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



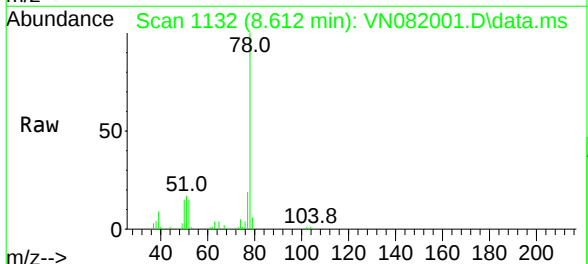
Tgt Ion: 117 Resp: 48968
Ion Ratio Lower Upper
117 100
119 91.7 77.7 116.5
121 37.5 27.0 40.6

Manual Integrations
APPROVED

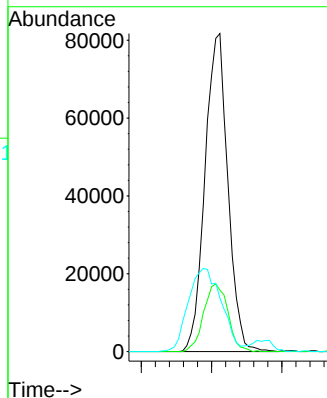
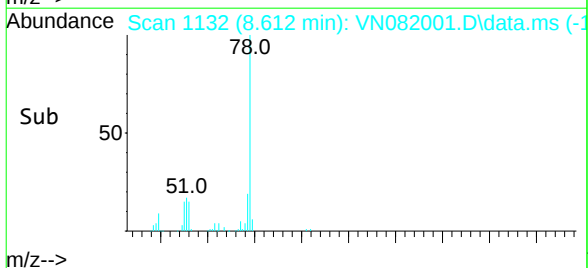
Reviewed By : John Carlone 05/07/2024
Supervised By : Semsettin Yesilyurt 05/07/2024

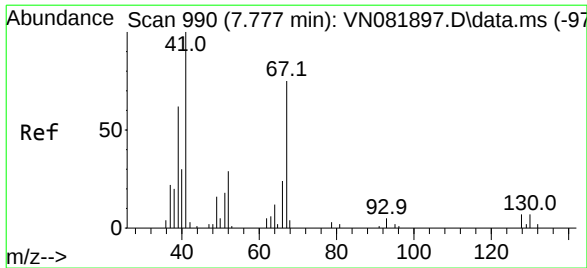


#34
Benzene
Concen: 18.004 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35



Tgt Ion: 78 Resp: 184812
Ion Ratio Lower Upper
78 100
77 19.3 19.2 28.8
51 16.2 13.3 19.9





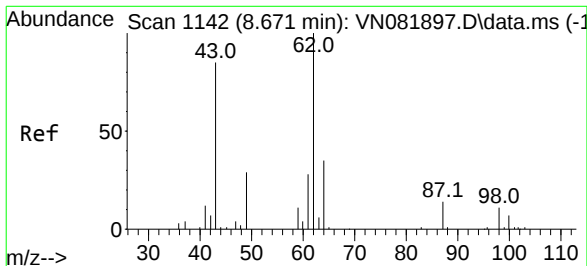
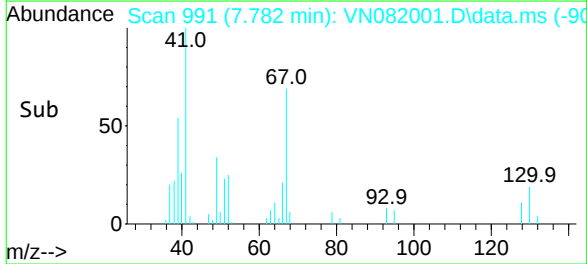
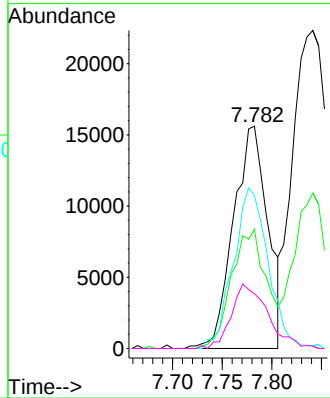
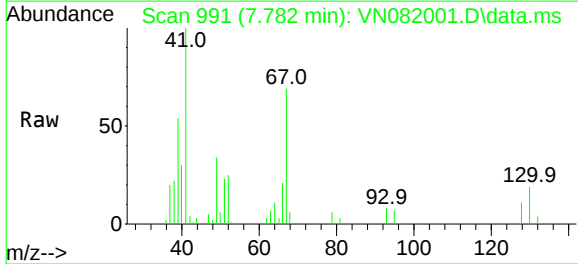
#35
Methacrylonitrile
Concen: 17.925 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:	41	Resp:	37614
Ion	Ratio	Lower	Upper
41	100		
39	53.7	25.3	75.9
67	68.8	38.7	116.1
52	24.6	13.6	40.8

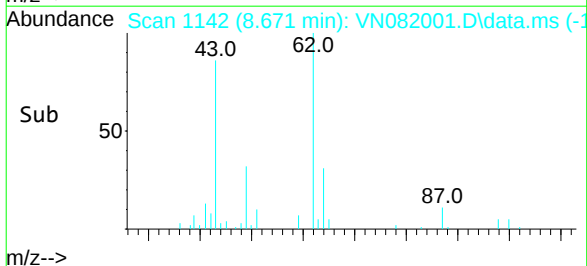
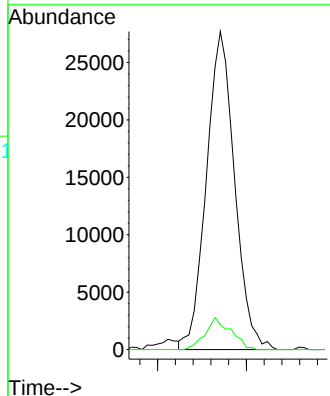
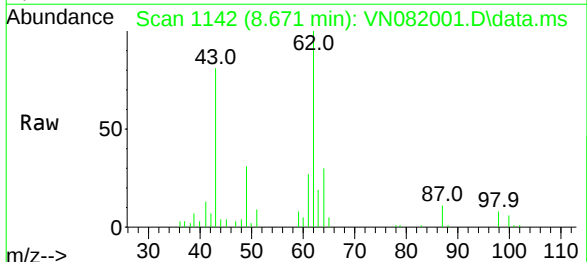
Manual Integrations
APPROVED

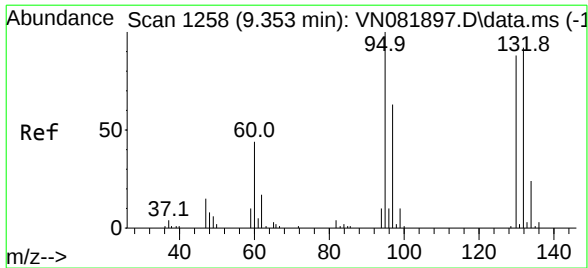
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#36
1,2-Dichloroethane
Concen: 17.739 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

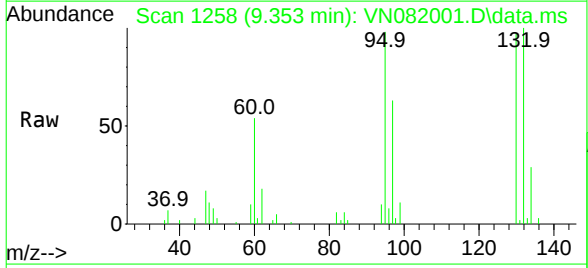
Tgt Ion:	62	Resp:	61127
Ion	Ratio	Lower	Upper
62	100		
98	9.1	8.2	12.4





#37
Trichloroethene
Concen: 15.119 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

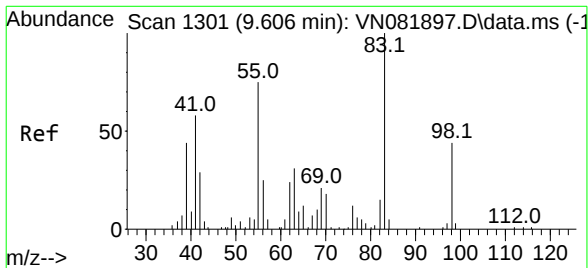
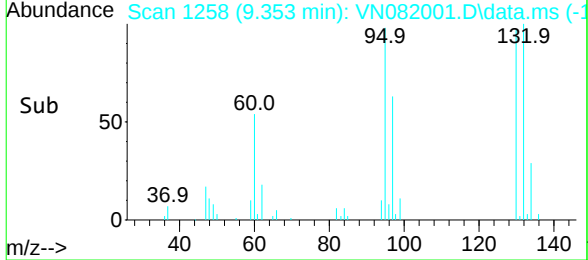
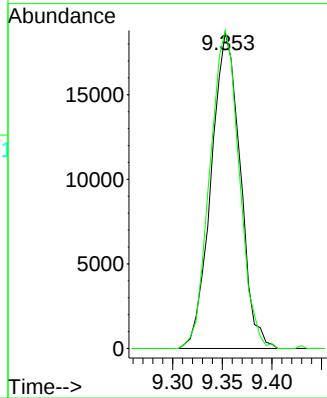
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion:130 Resp: 38014
Ion Ratio Lower Upper
130 100
95 100.7 80.2 120.4

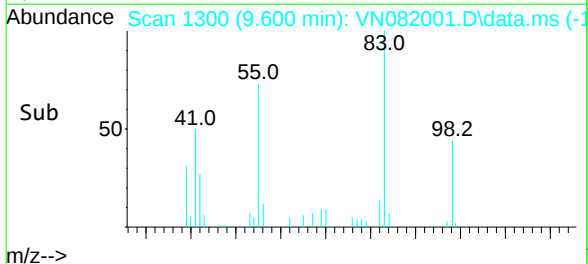
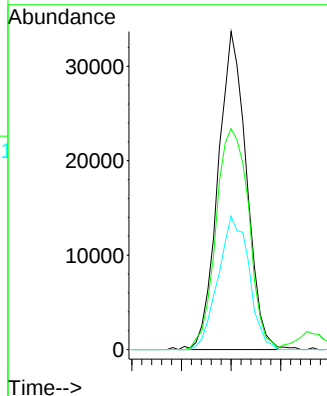
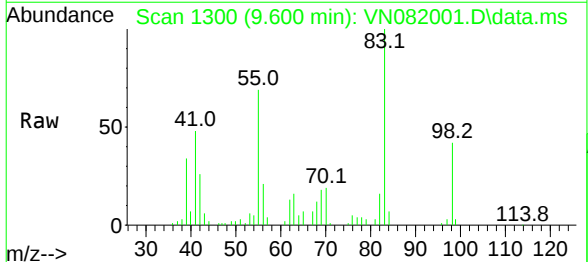
Manual Integrations
APPROVED

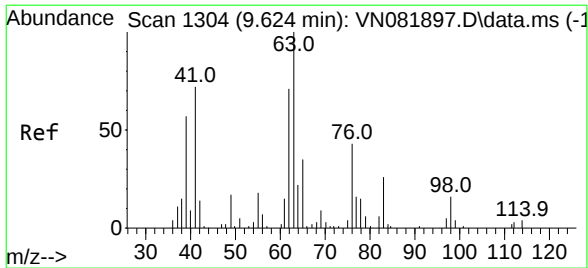
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#38
Methylcyclohexane
Concen: 17.221 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion: 83 Resp: 66938
Ion Ratio Lower Upper
83 100
55 80.1 36.6 109.9
98 45.4 23.8 71.5





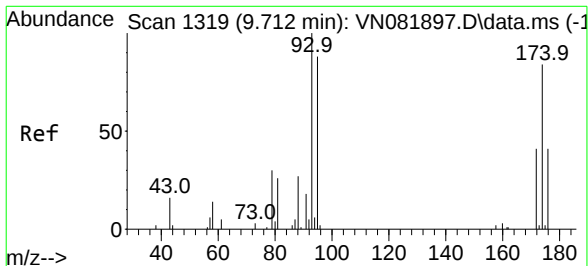
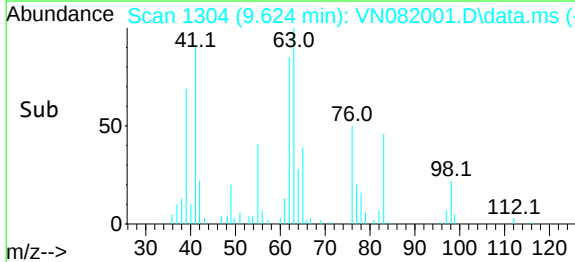
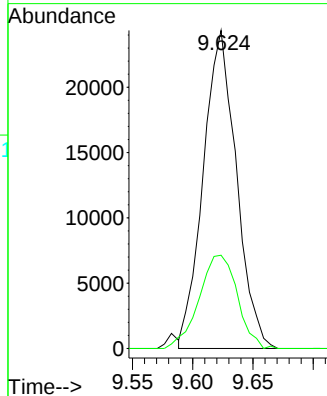
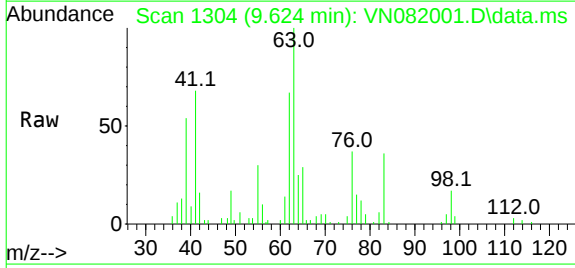
#39
1,2-Dichloropropane
Concen: 17.690 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion: 63 Resp: 46595
Ion Ratio Lower Upper
63 100
65 29.3 25.0 37.4

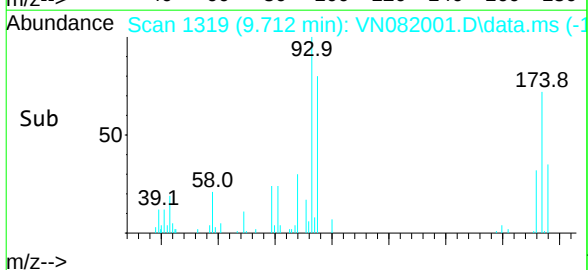
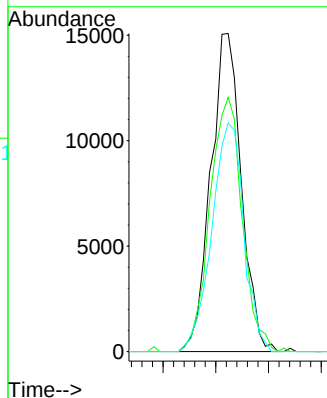
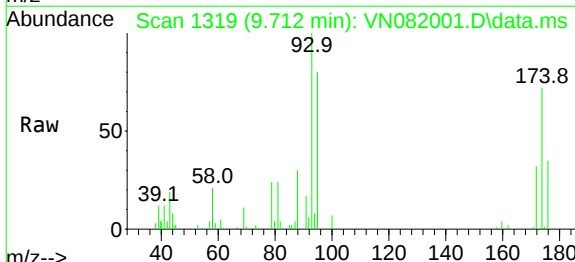
Manual Integrations
APPROVED

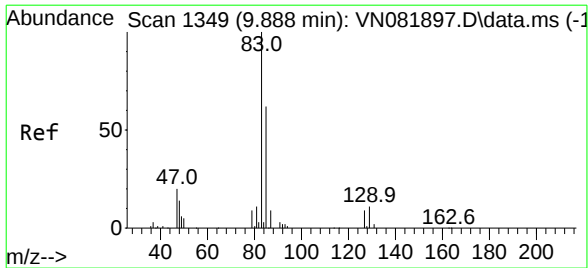
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#40
Dibromomethane
Concen: 17.985 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion: 93 Resp: 30432
Ion Ratio Lower Upper
93 100
95 84.2 0.0 164.6
174 74.9 0.0 193.2





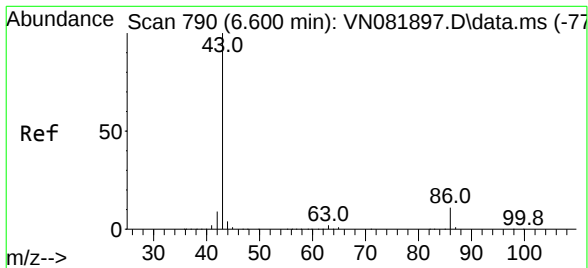
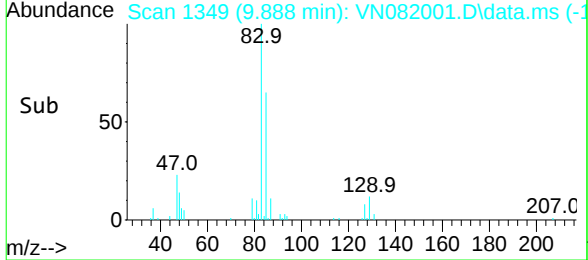
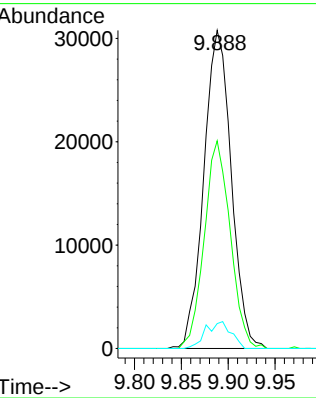
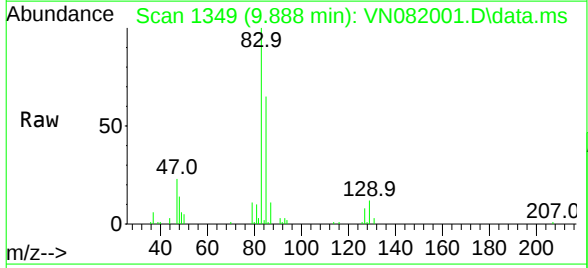
#41
Bromodichloromethane
Concen: 17.344 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument : MSVOA_N
ClientSampleId : VN0506WBS01

Tgt Ion:	83	Resp:	62726
Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.4	74.2
127	7.8	7.3	10.9

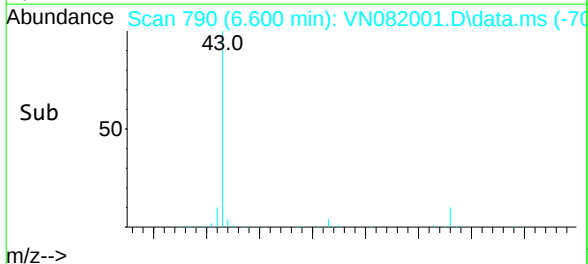
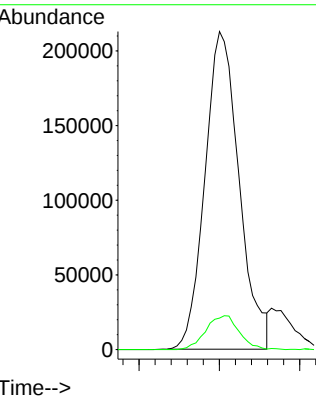
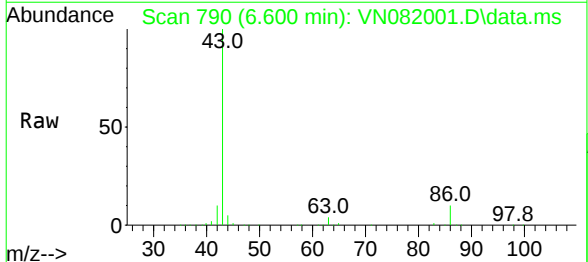
Manual Integrations
APPROVED

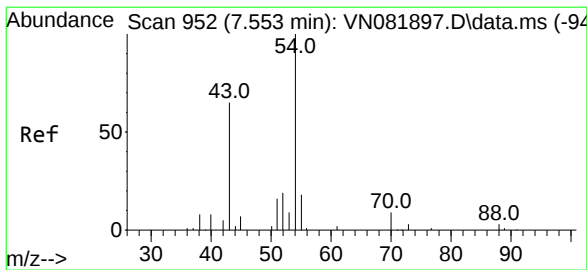
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#42
Vinyl Acetate
Concen: 89.259 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:	43	Resp:	630141
Ion	Ratio	Lower	Upper
43	100		
86	10.3	9.4	14.2





#43

Ethyl Acetate

Concen: 17.889 ug/l

RT: 7.565 min Scan# 95

Delta R.T. 0.012 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

Tgt Ion: 43 Resp: 64693

Ion Ratio Lower Upper

43 100

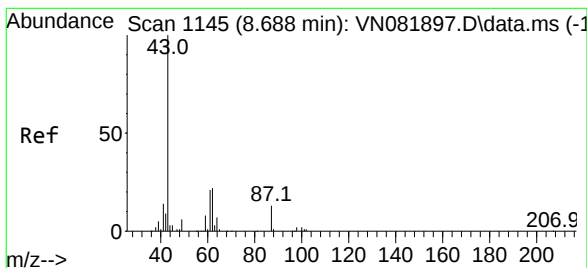
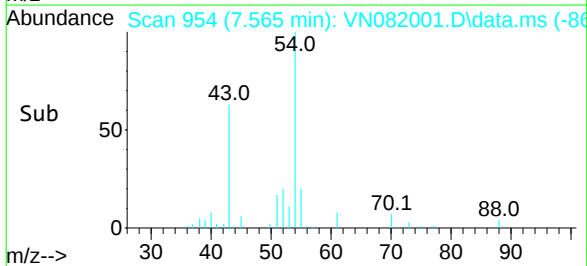
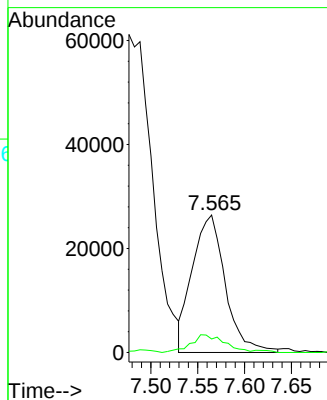
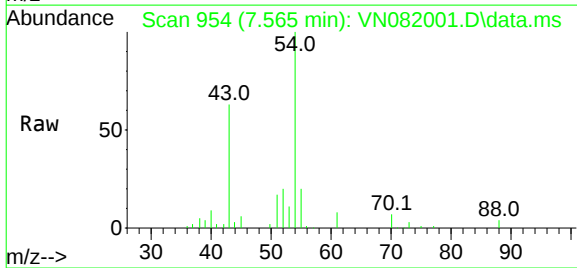
45 13.1 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#44

Isopropyl Acetate

Concen: 18.145 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VN082001.D

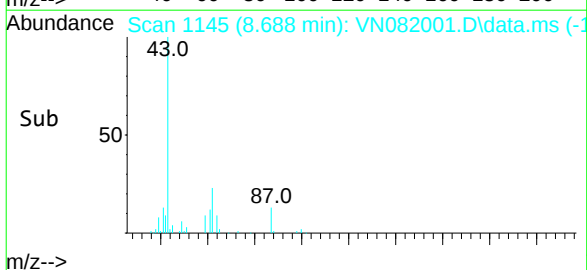
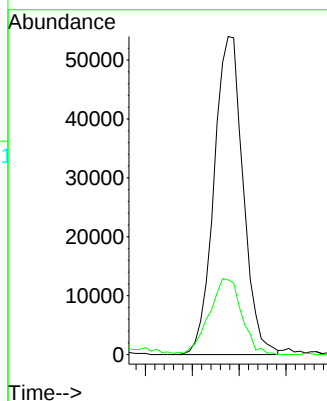
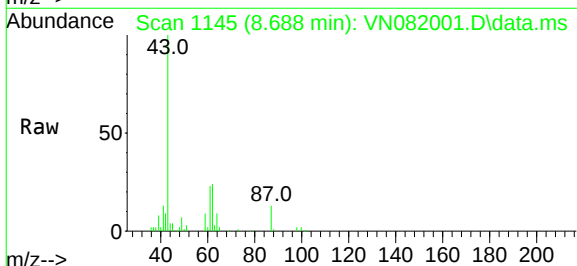
Acq: 06 May 2024 10:35

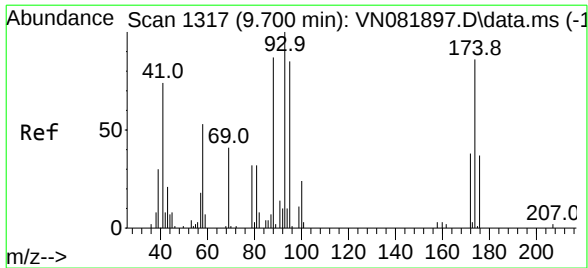
Tgt Ion: 43 Resp: 116497

Ion Ratio Lower Upper

43 100

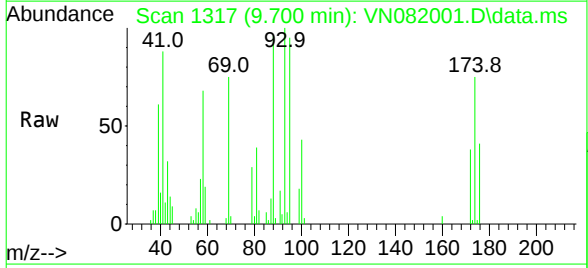
61 26.5 25.0 37.4





#45
1,4-Dioxane
Concen: 407.728 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

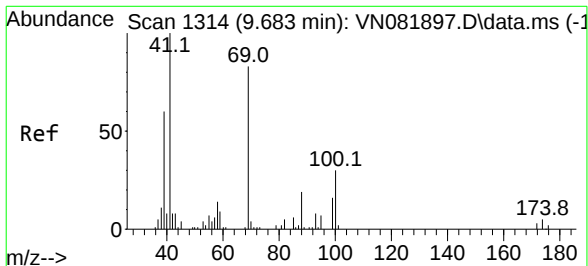
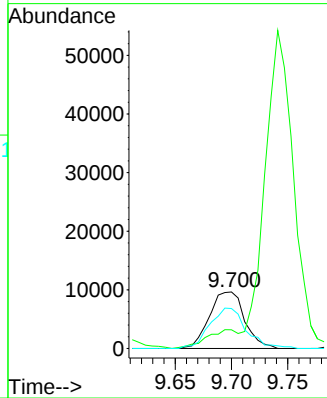
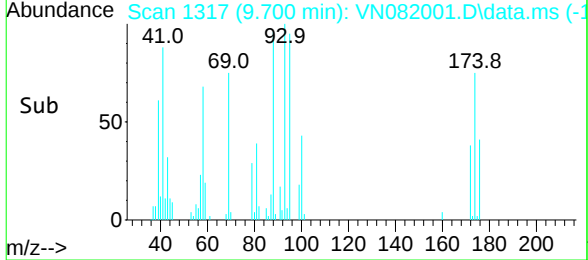
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 88 Resp: 20993
Ion Ratio Lower Upper
88 100
43 29.9 19.8 29.6#
58 71.5 55.4 83.0

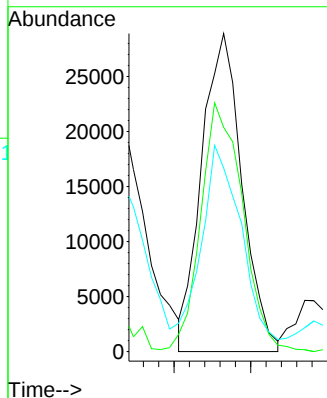
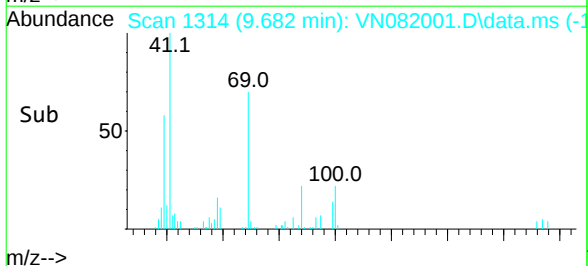
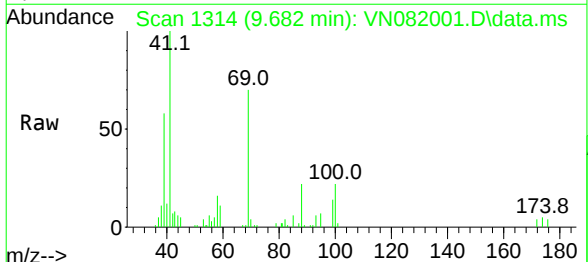
Manual Integrations
APPROVED

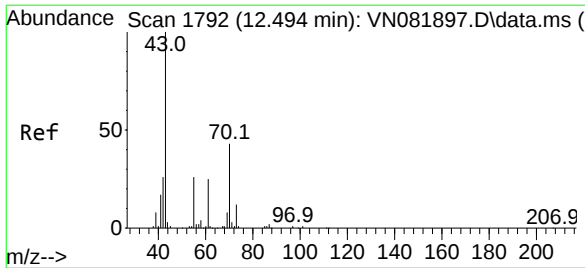
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#46
Methyl methacrylate
Concen: 18.033 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

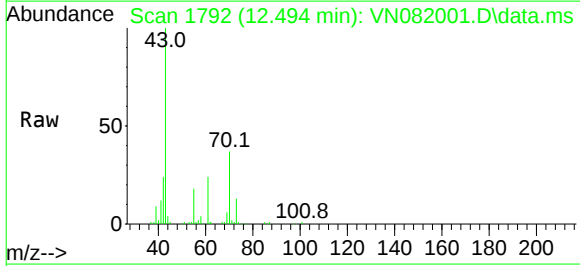
Tgt Ion: 41 Resp: 52892
Ion Ratio Lower Upper
41 100
69 70.8 51.1 153.3
39 55.7 25.8 77.3





#47
n-amy1 Acetate
Concen: 17.845 ug/l m
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

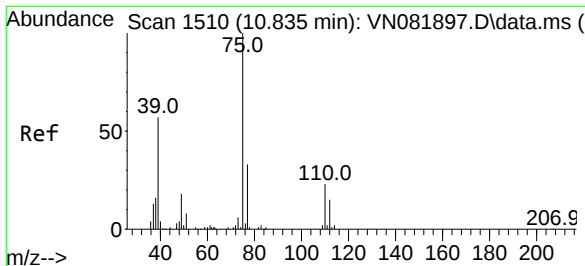
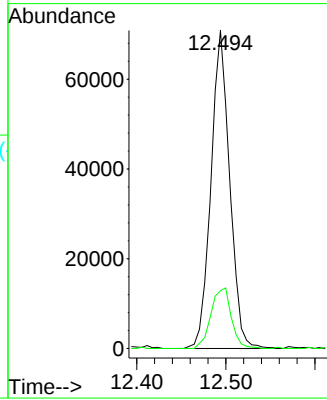
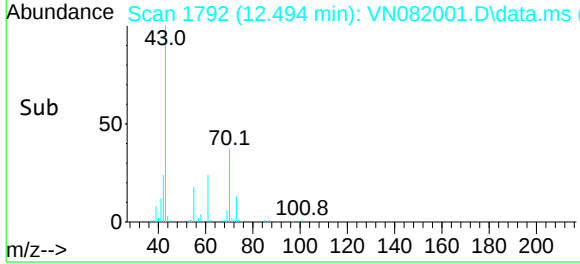
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 43 Resp: 103331
Ion Ratio Lower Upper
43 100
55 0.2 23.4 35.2#

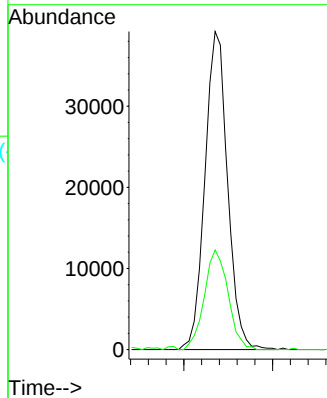
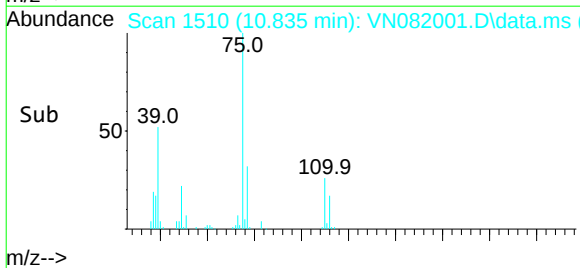
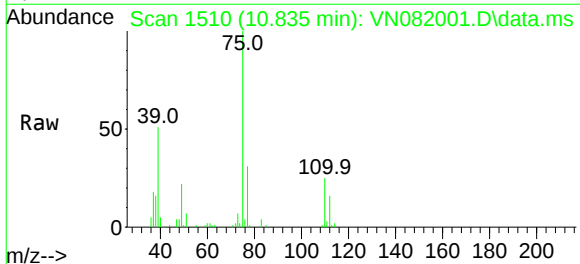
Manual Integrations
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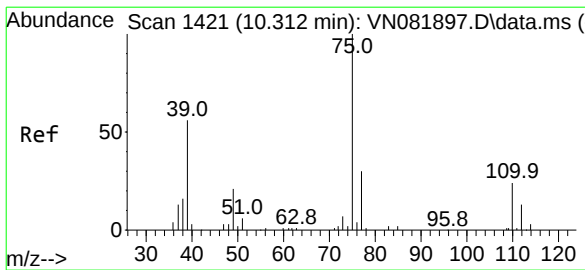
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#48
t-1,3-Dichloropropene
Concen: 17.681 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion: 75 Resp: 69343
Ion Ratio Lower Upper
75 100
77 31.3 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 17.923 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. -0.000 min

Lab File: VN082001.D

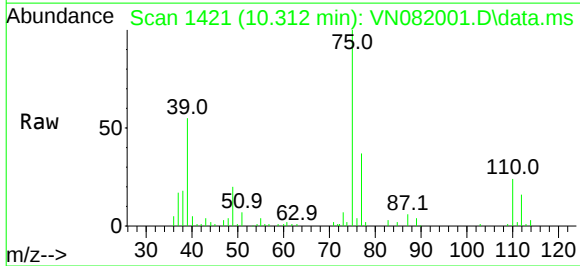
Acq: 06 May 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01



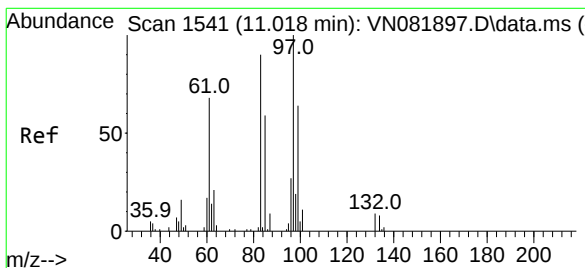
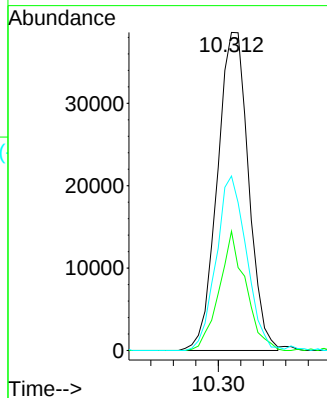
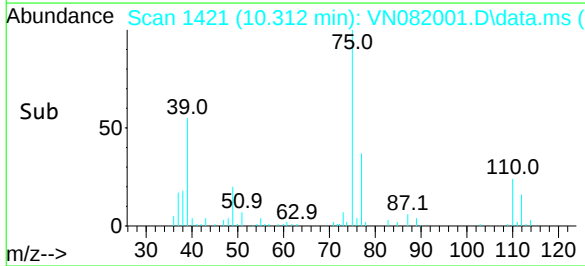
Tgt Ion:	75	Resp:	74319
Ion	Ratio	Lower	Upper
75	100		
77	37.5	24.9	37.3
39	54.8	31.0	46.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#50

1,1,2-Trichloroethane

Concen: 18.017 ug/l

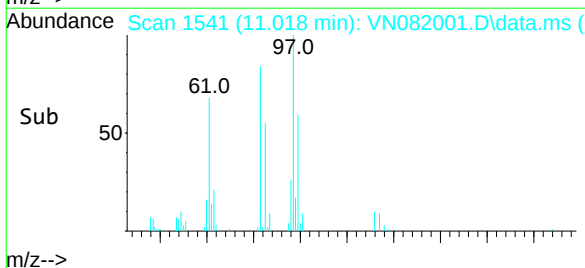
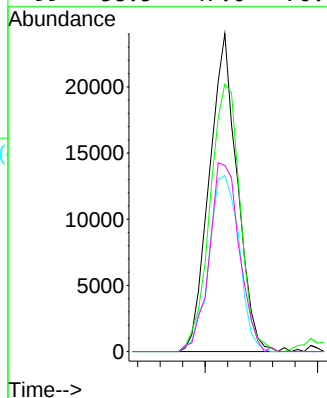
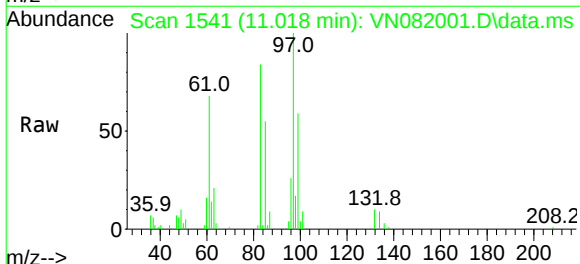
RT: 11.018 min Scan# 1541

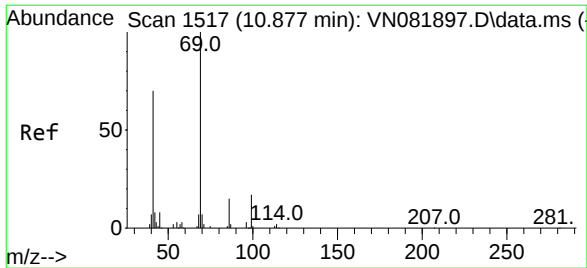
Delta R.T. -0.000 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Tgt Ion:	97	Resp:	41361
Ion	Ratio	Lower	Upper
97	100		
83	84.1	68.1	102.1
85	55.4	41.8	62.6
99	58.5	47.0	70.4





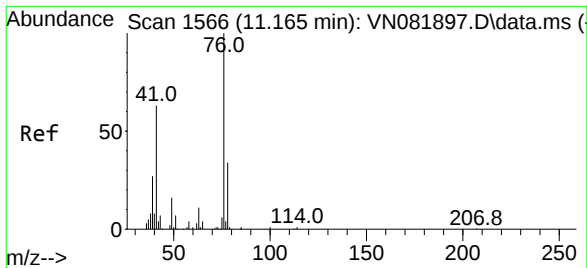
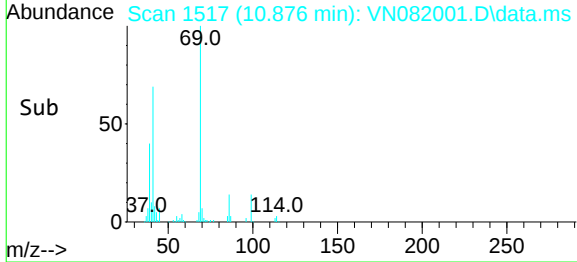
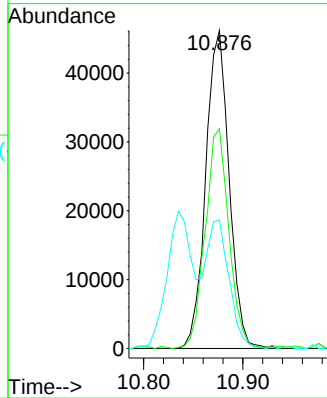
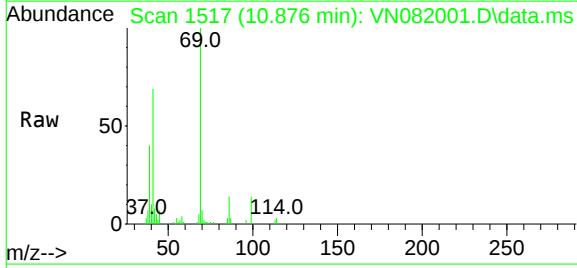
#51
Ethyl methacrylate
Concen: 17.460 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	25.5	76.5
39	40.5	16.0	47.9

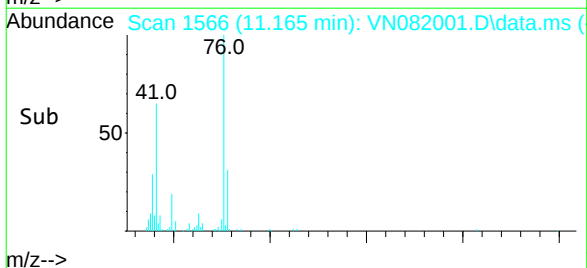
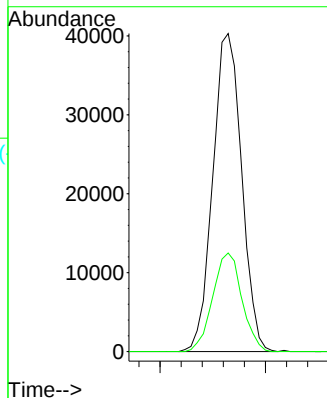
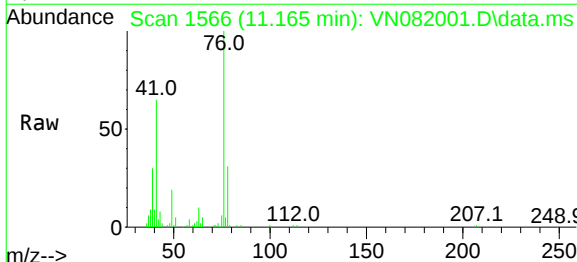
Manual Integrations
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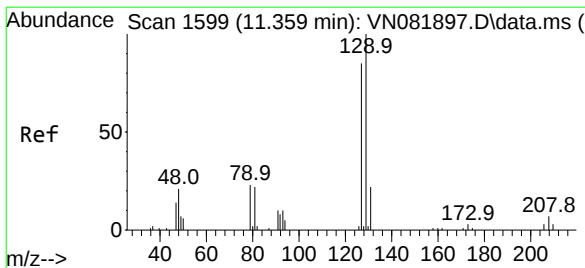
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#52
1,3-Dichloropropane
Concen: 18.152 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion	Ratio	Lower	Upper
76	100		
78	31.4	0.0	65.8





#53

Dibromochloromethane

Concen: 17.399 ug/l

RT: 11.365 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

Tgt Ion:129 Resp: 43456

Ion Ratio Lower Upper

129 100

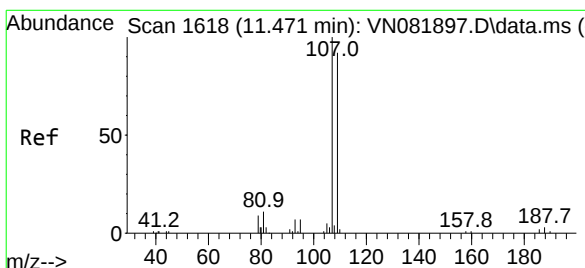
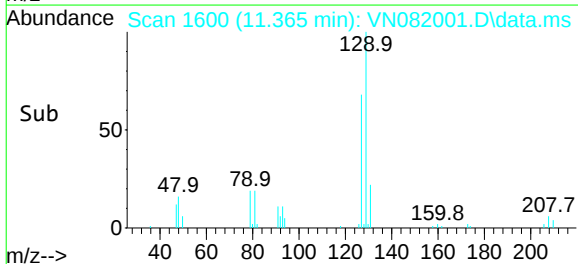
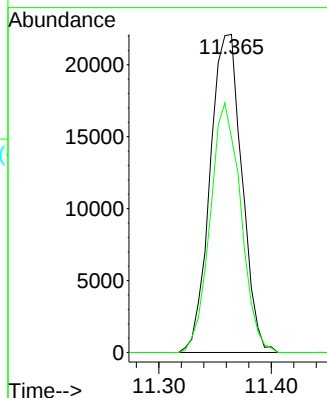
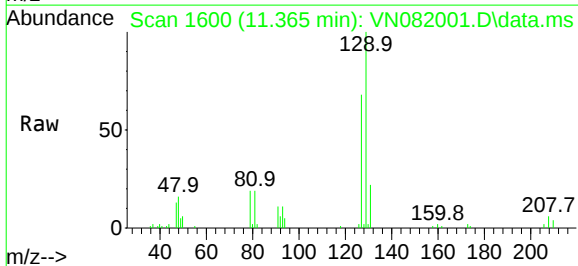
127 75.6 39.4 118.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#54

1,2-Dibromoethane

Concen: 17.753 ug/l

RT: 11.470 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VN082001.D

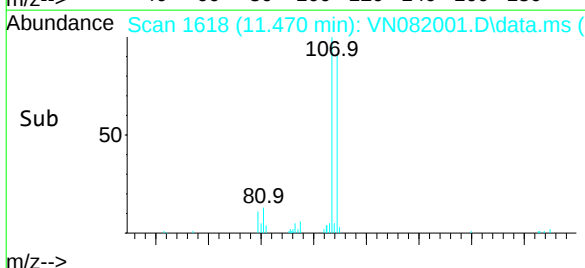
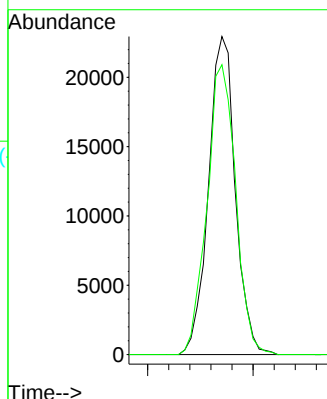
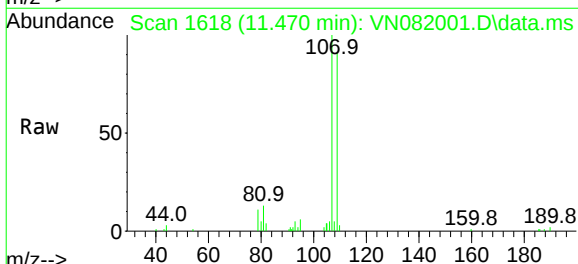
Acq: 06 May 2024 10:35

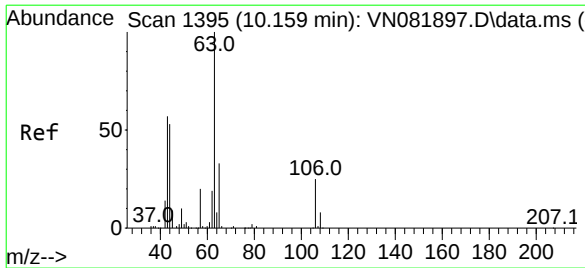
Tgt Ion:107 Resp: 40644

Ion Ratio Lower Upper

107 100

109 97.5 74.7 112.1





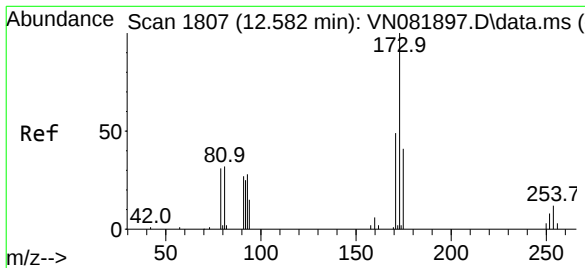
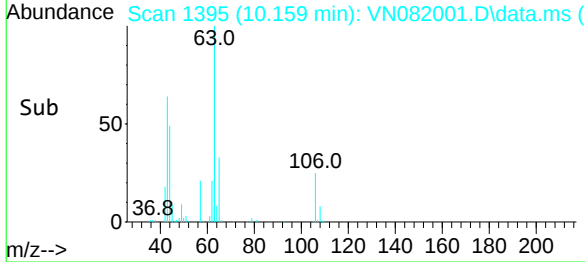
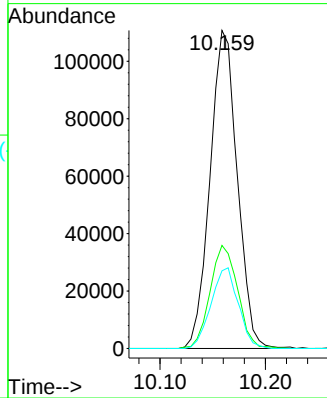
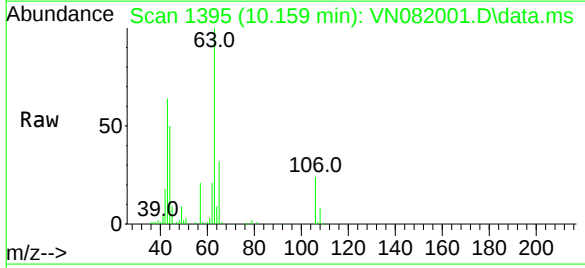
#55
2-Chloroethyl vinyl ether
Concen: 91.817 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.7	26.2	39.2
106	25.4	23.8	35.8

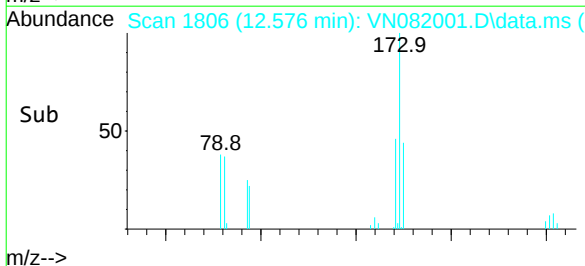
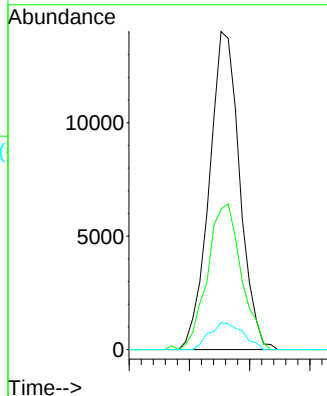
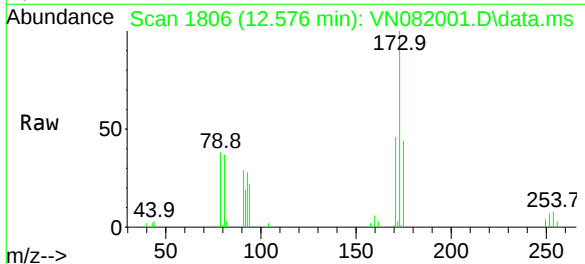
Manual Integrations
APPROVED

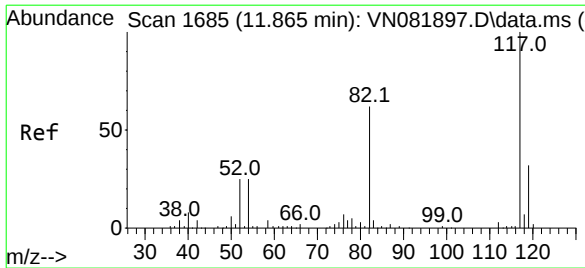
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#56
Bromoform
Concen: 16.199 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.0	60.0
254	9.3	8.3	12.5





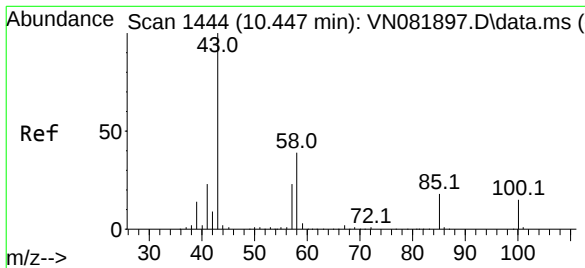
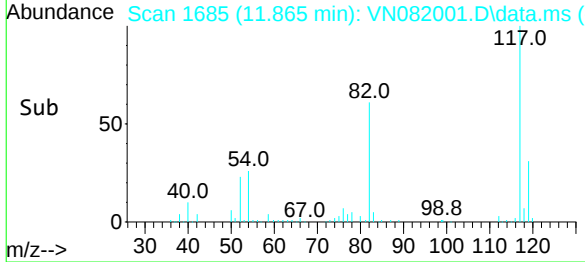
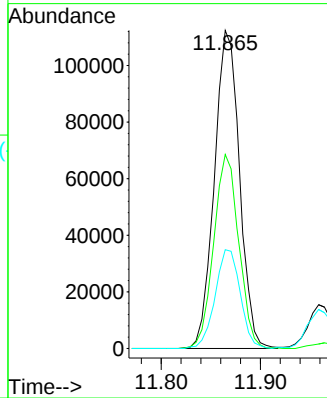
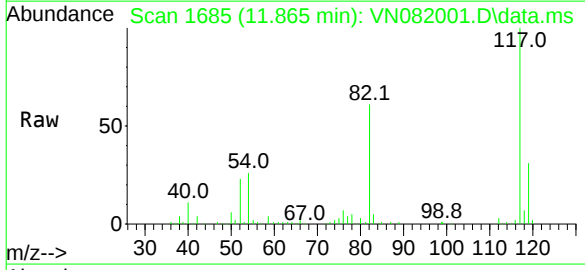
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:117 Resp: 197823
Ion Ratio Lower Upper
117 100
82 60.6 46.6 69.8
119 31.0 25.4 38.2

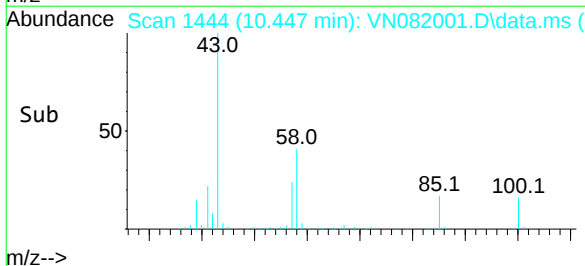
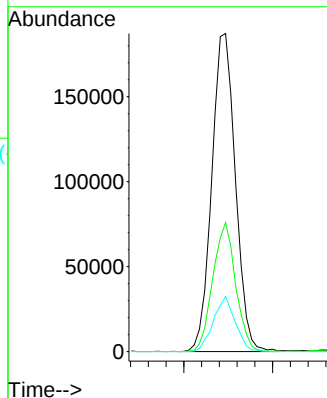
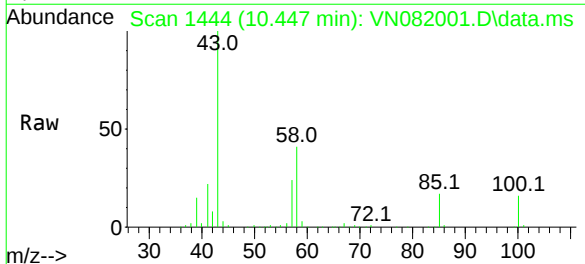
Manual Integrations
APPROVED

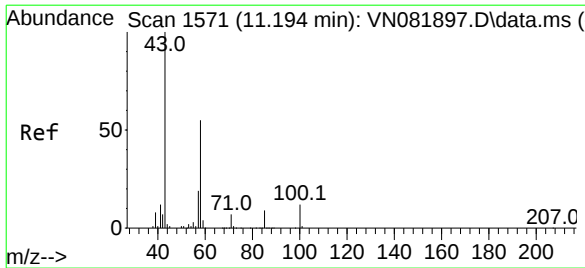
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#58
4-Methyl-2-Pentanone
Concen: 90.182 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

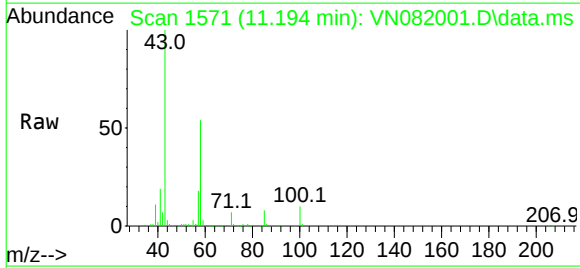
Tgt Ion: 43 Resp: 346401
Ion Ratio Lower Upper
43 100
58 39.1 36.5 54.7
85 16.0 19.5 29.3#





#59
2-Hexanone
Concen: 92.807 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

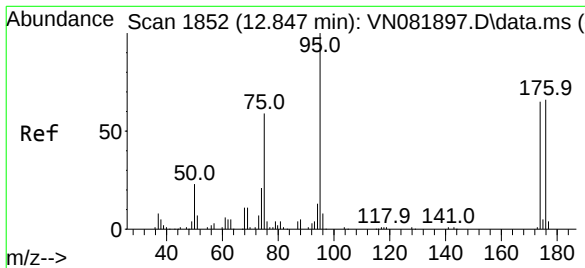
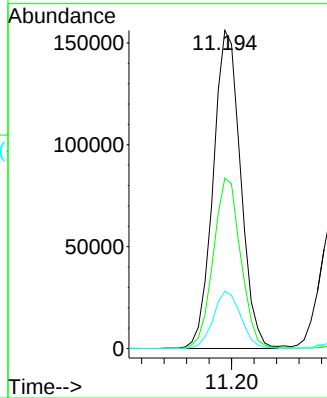
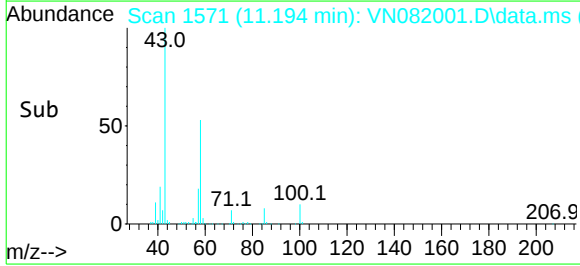
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 43 Resp: 264312
Ion Ratio Lower Upper
43 100
58 53.5 50.4 75.6
57 18.0 18.6 27.8#

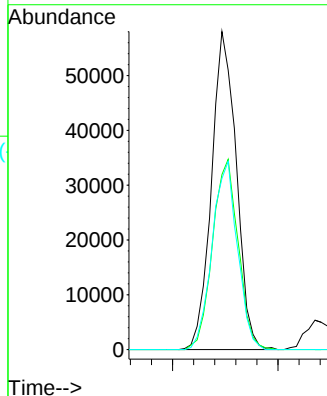
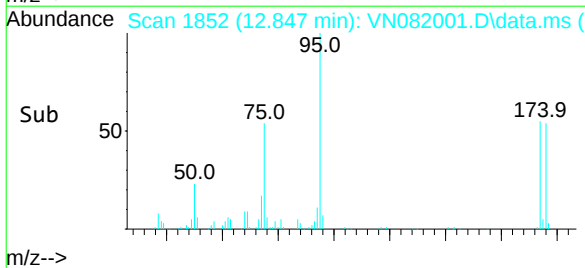
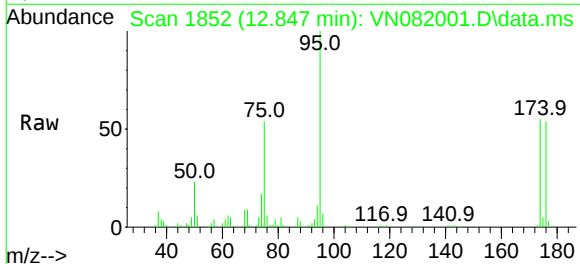
Manual Integrations
APPROVED

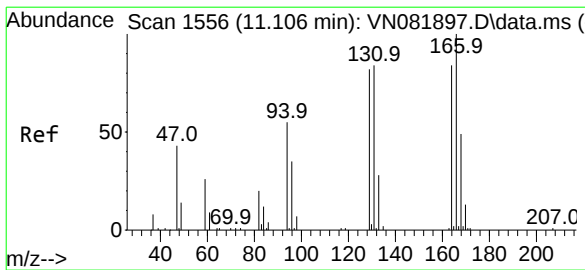
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#60
4-Bromofluorobenzene
Concen: 28.820 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

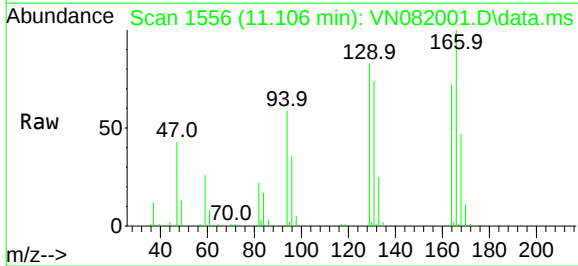
Tgt Ion: 95 Resp: 94882
Ion Ratio Lower Upper
95 100
174 61.8 60.5 90.7
176 60.1 57.8 86.6





#61
Tetrachloroethene
Concen: 14.859 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

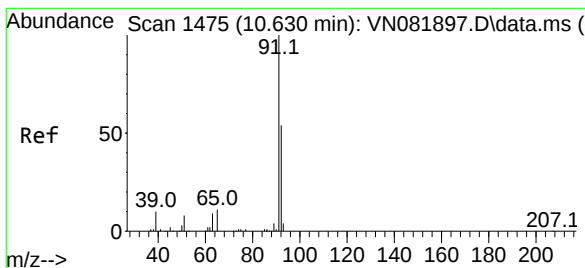
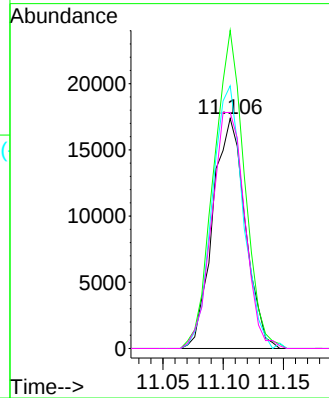
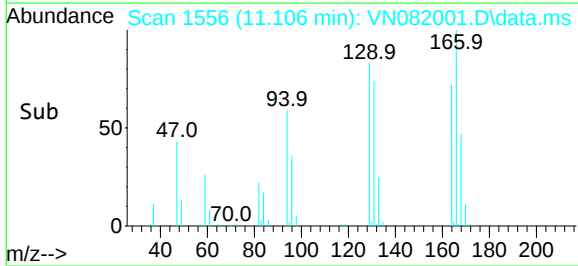
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion: 164 Resp: 32617
Ion Ratio Lower Upper
164 100
166 138.3 106.7 160.1
129 114.2 85.8 128.6
131 102.6 79.1 118.7

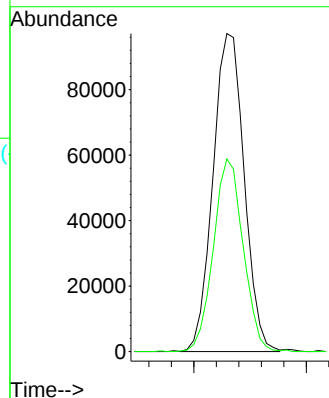
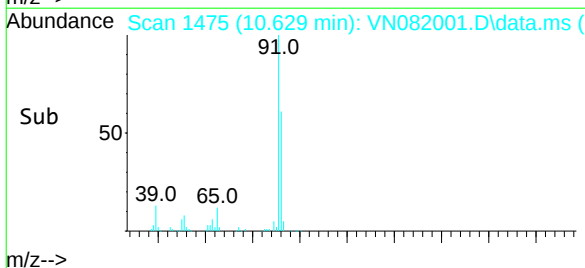
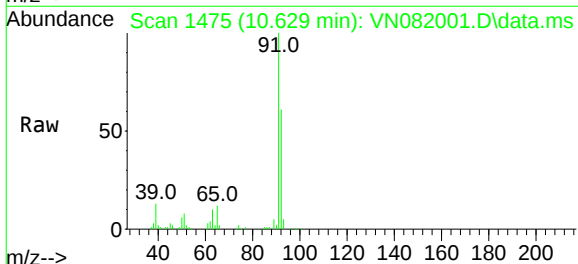
Manual Integrations
APPROVED

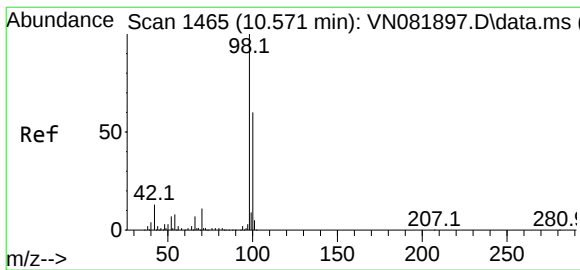
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#62
Toluene
Concen: 16.805 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

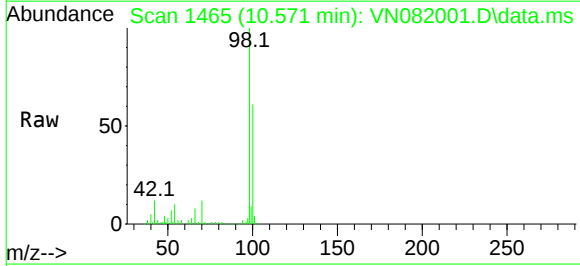
Tgt Ion: 91 Resp: 187047
Ion Ratio Lower Upper
91 100
92 57.7 46.5 69.7





#63
Toluene-d8
Concen: 30.323 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

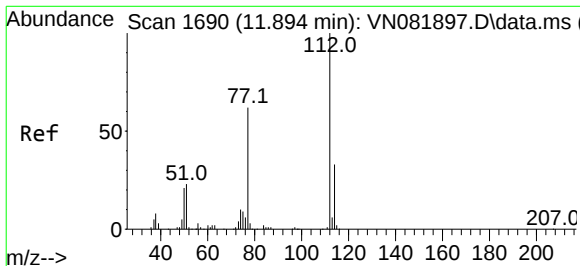
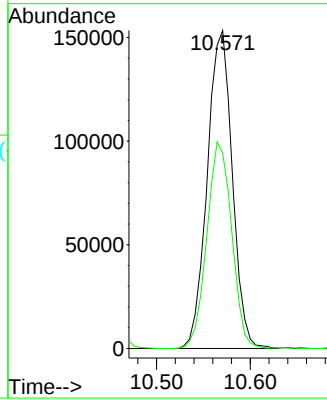
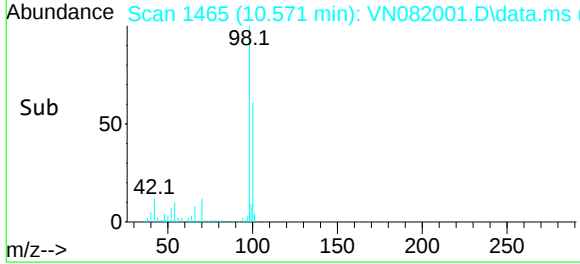
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



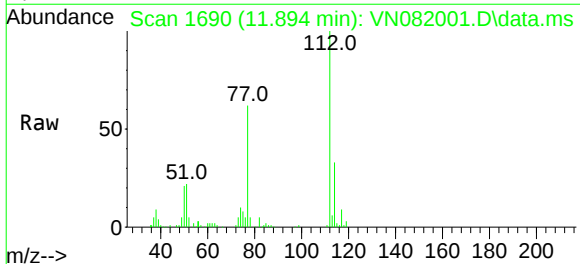
Tgt Ion: 98 Resp: 284879
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

Manual Integrations
APPROVED

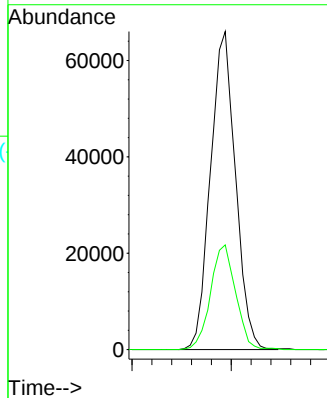
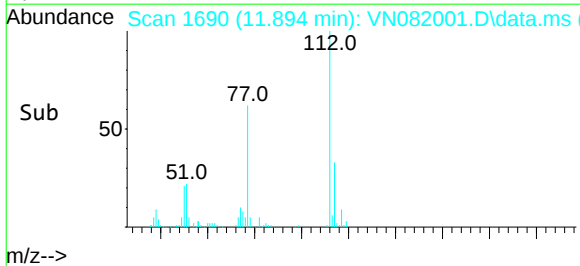
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024

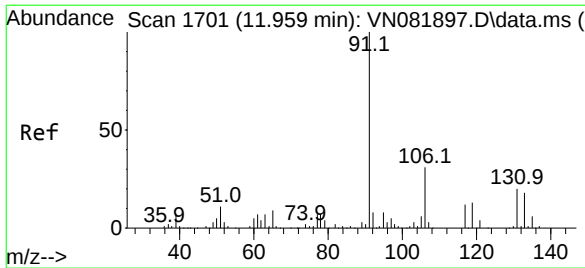


#64
Chlorobenzene
Concen: 17.023 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35



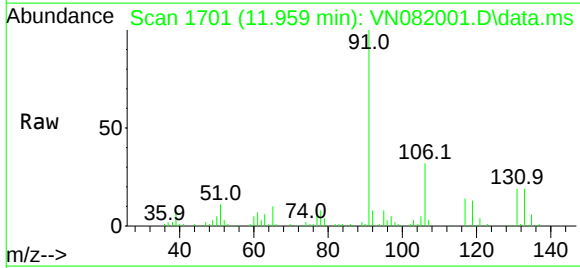
Tgt Ion:112 Resp: 115893
Ion Ratio Lower Upper
112 100
114 32.9 26.6 39.8





#65
1,1,1,2-Tetrachloroethane
Concen: 16.995 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

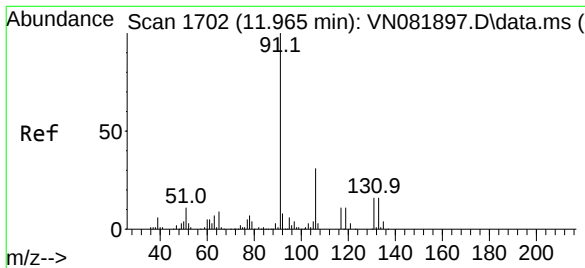
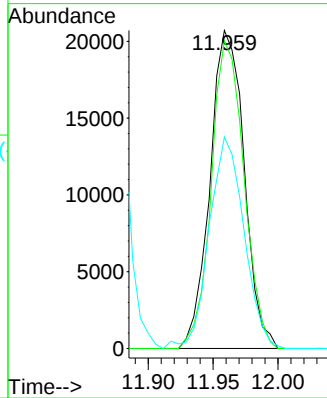
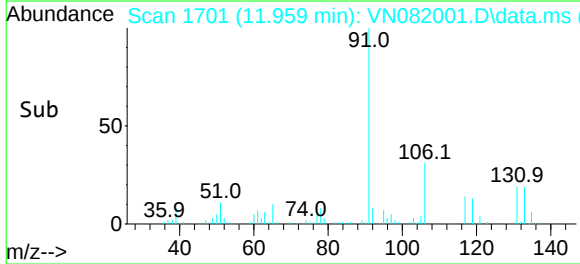
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.9	0.0	188.0
119	67.2	0.0	122.8

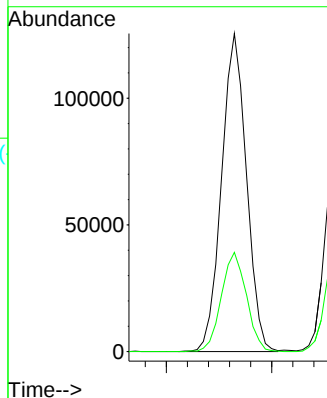
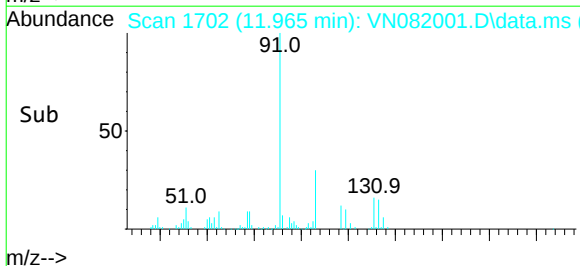
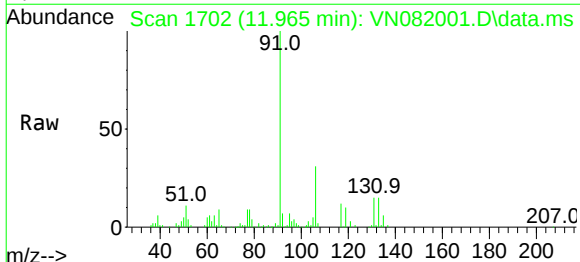
Manual Integrations
APPROVED

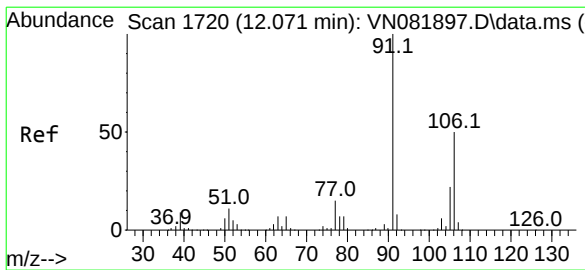
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#66
Ethyl Benzene
Concen: 16.877 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.4	36.6





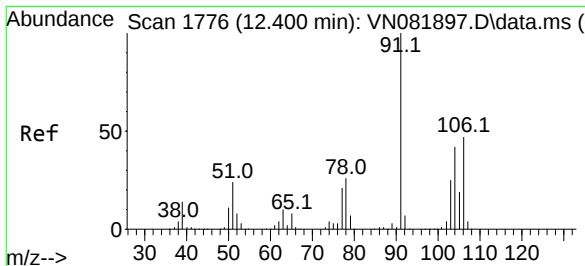
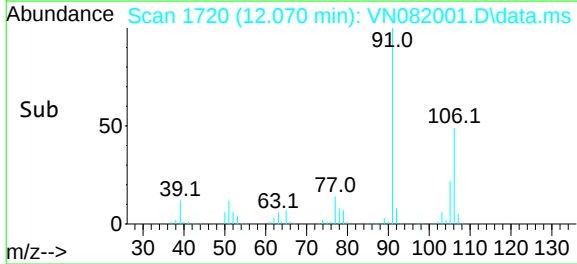
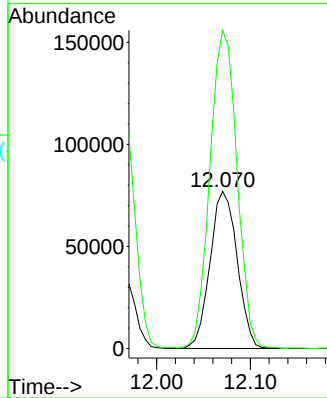
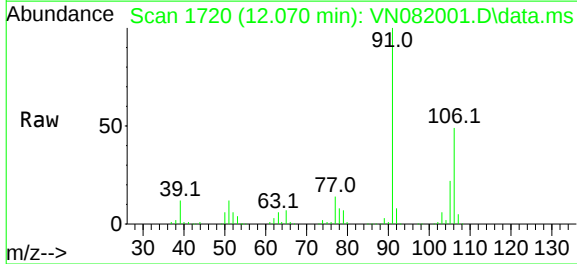
#67
m/p-Xylenes
Concen: 34.216 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:106 Resp: 154776
Ion Ratio Lower Upper
106 100
91 202.1 166.6 249.8

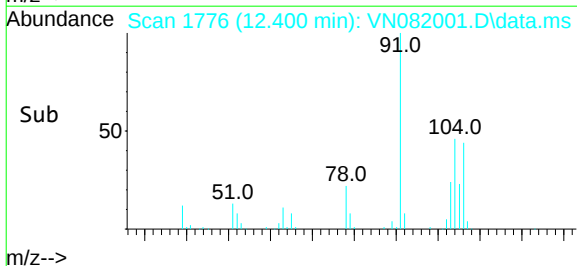
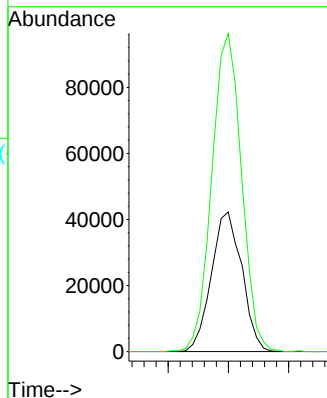
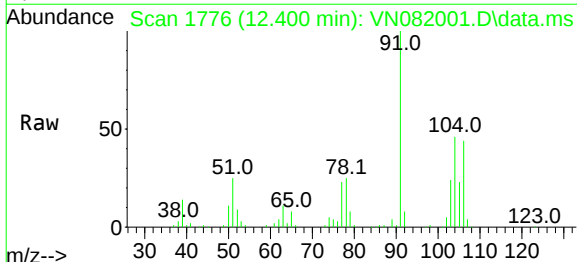
Manual Integrations
APPROVED

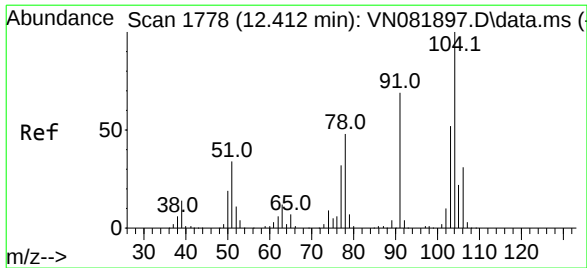
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#68
o-Xylene
Concen: 16.647 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:106 Resp: 74504
Ion Ratio Lower Upper
106 100
91 221.5 110.0 330.0





#69

Styrene

Concen: 16.671 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Instrument :

MSVOA_N

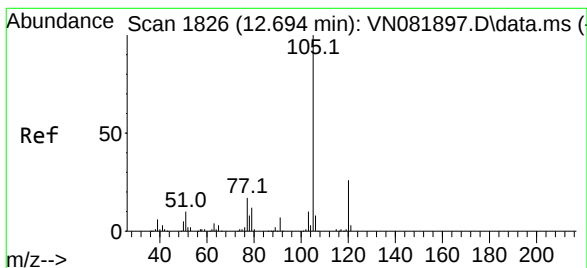
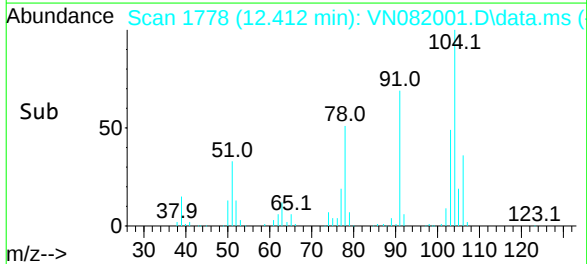
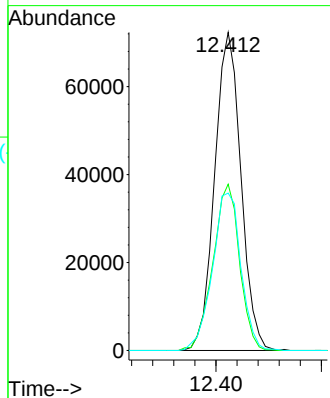
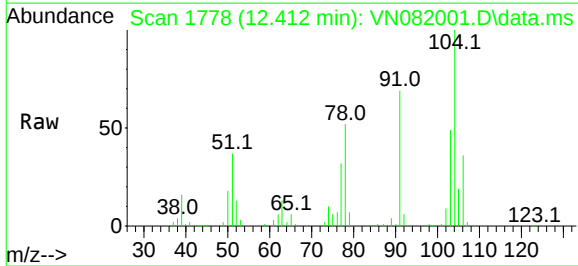
ClientSampleId :

VN0506WBS01

Tgt Ion:	104	Resp:	125247
Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.6	64.0
103	53.7	43.7	65.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#70

Isopropylbenzene

Concen: 16.769 ug/l

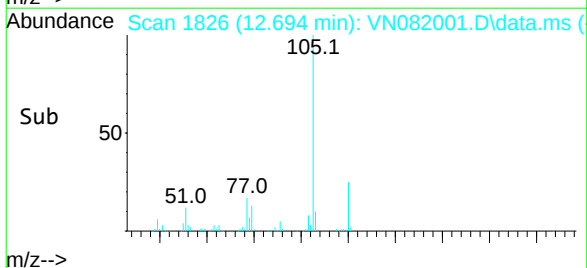
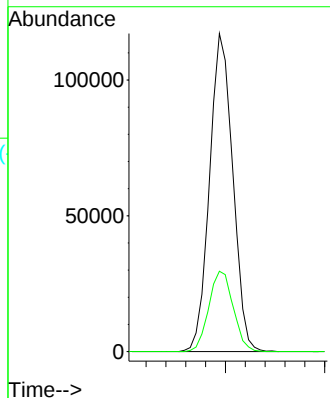
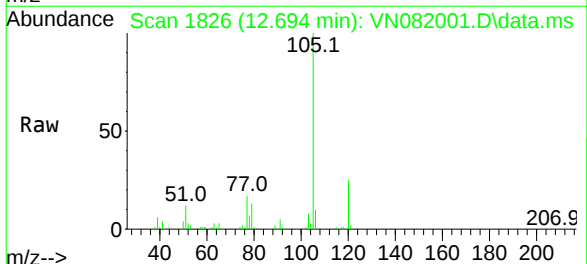
RT: 12.694 min Scan# 1826

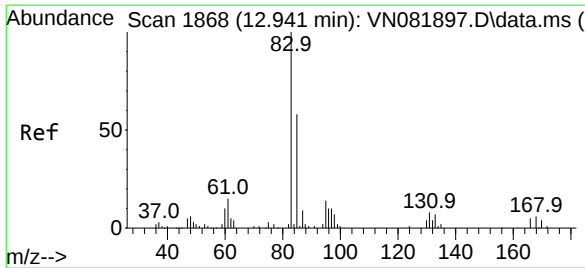
Delta R.T. -0.000 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Tgt Ion:	105	Resp:	190610
Ion	Ratio	Lower	Upper
105	100		
120	26.5	17.8	33.1





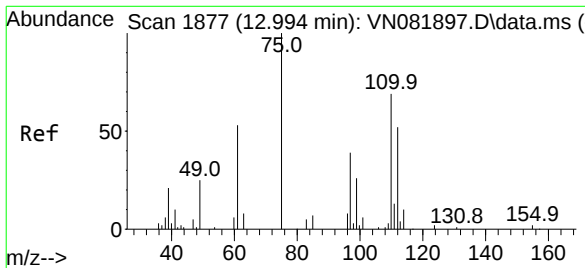
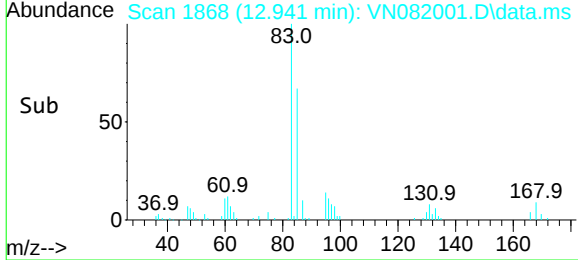
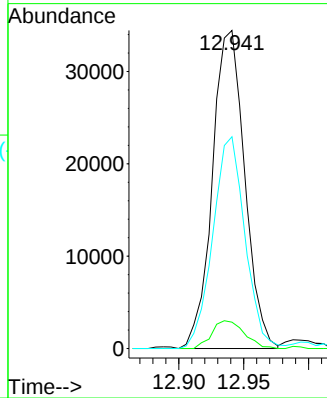
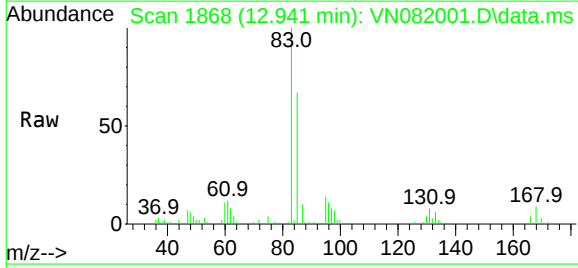
#71
1,1,2,2-Tetrachloroethane
Concen: 18.241 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:	83	Resp:	59667
Ion Ratio	Lower	Upper	
83	100		
131	8.8	5.2	15.6
85	66.2	32.3	96.8

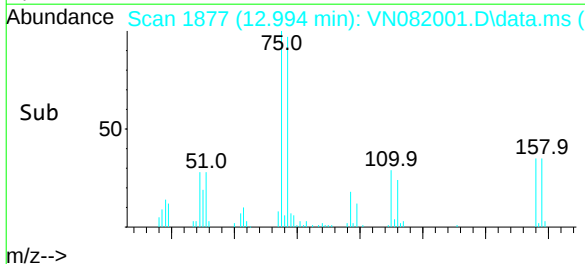
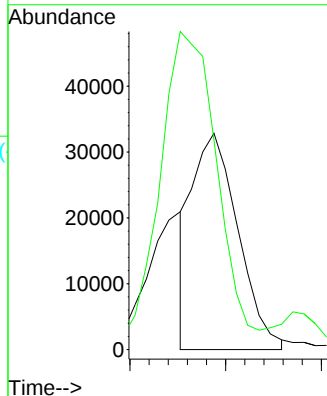
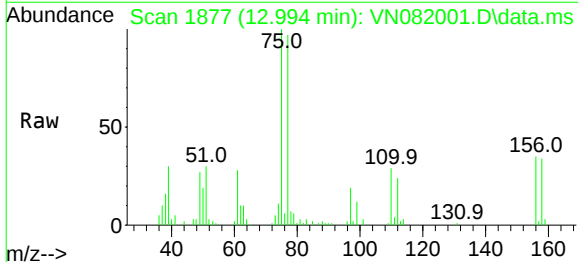
Manual Integrations
APPROVED

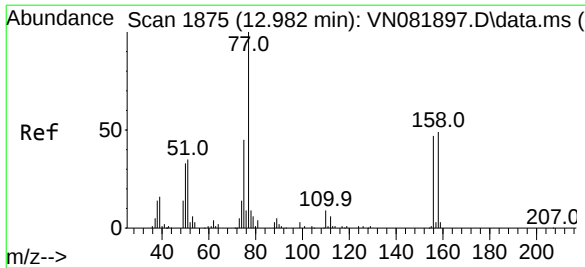
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#72
1,2,3-Trichloropropane
Concen: 17.840 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:	75	Resp:	54556
Ion Ratio	Lower	Upper	
75	100		
77	185.2	0.0	367.6





#73

Bromobenzene

Concen: 15.317 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

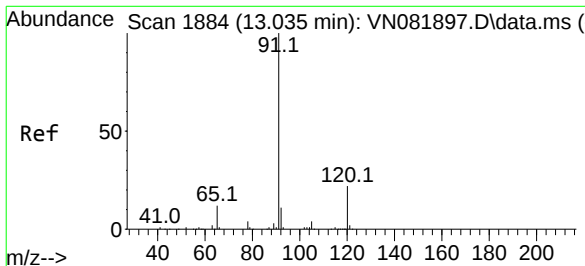
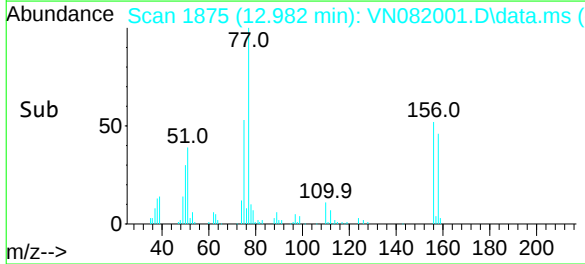
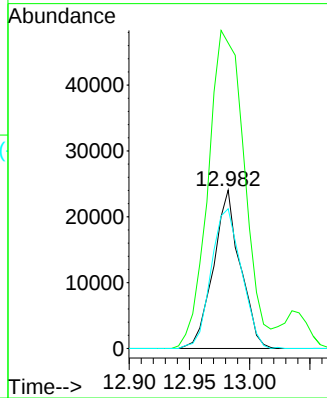
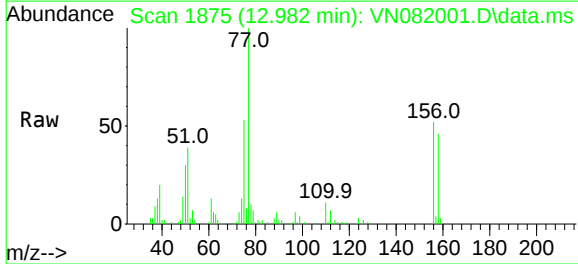
Tgt Ion:	156	Resp:	37268
Ion	Ratio	Lower	Upper
156	100		
77	271.2	0.0	437.6
158	99.4	0.0	203.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#74

n-propylbenzene

Concen: 17.119 ug/l

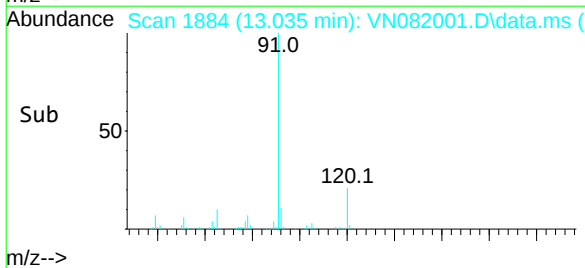
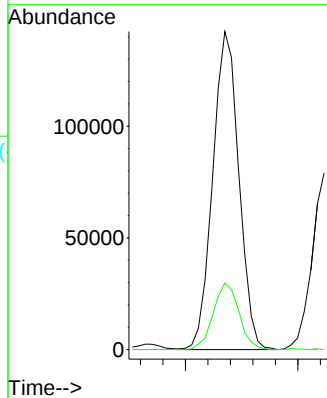
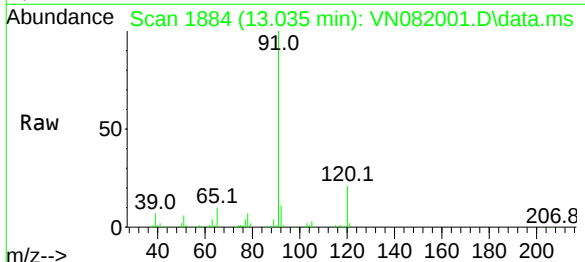
RT: 13.035 min Scan# 1884

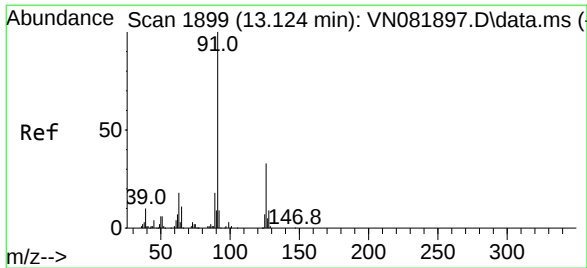
Delta R.T. -0.000 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Tgt Ion:	91	Resp:	229570
Ion	Ratio	Lower	Upper
91	100		
120	20.6	0.0	43.8





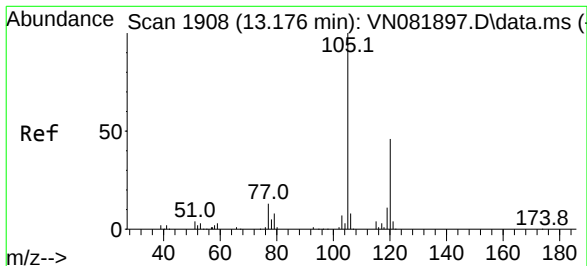
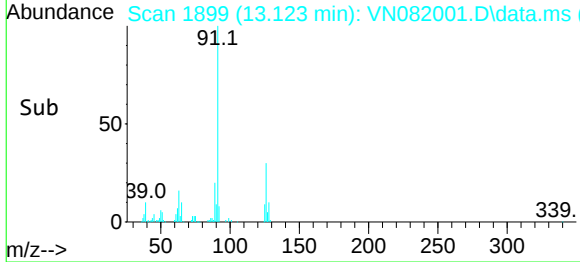
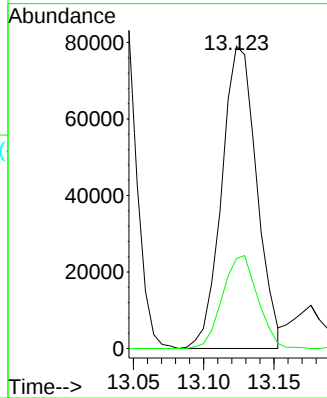
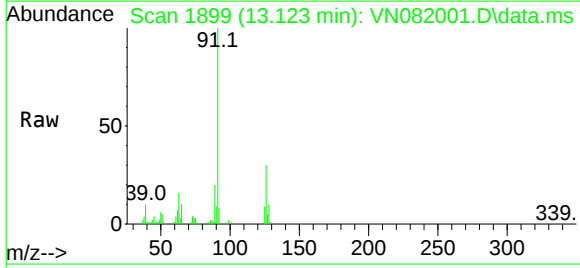
#75
2-Chlorotoluene
Concen: 16.473 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion: 91 Resp: 136657
Ion Ratio Lower Upper
91 100
126 30.9 0.0 61.2

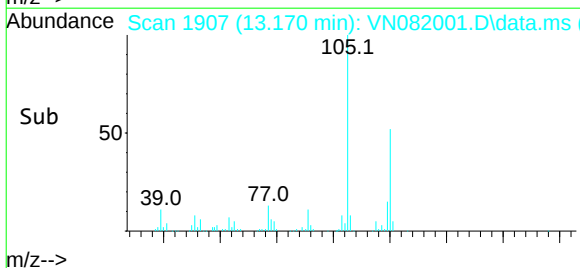
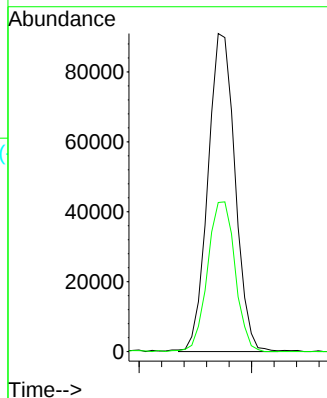
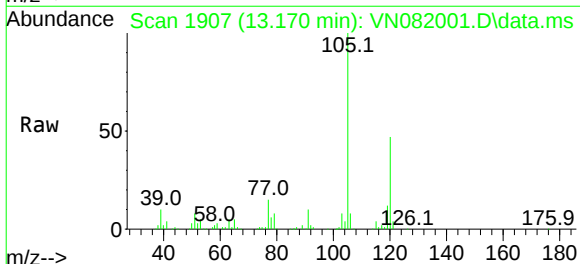
Manual Integrations
APPROVED

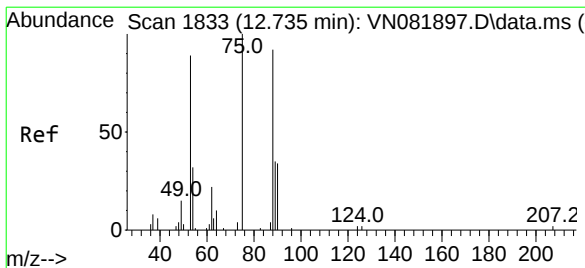
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#76
1,3,5-Trimethylbenzene
Concen: 16.580 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

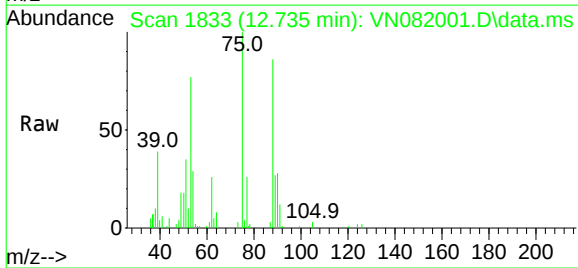
Tgt Ion:105 Resp: 152544
Ion Ratio Lower Upper
105 100
120 47.7 0.0 95.8





#77
t-1,4-Dichloro-2-butene
Concen: 19.389 ug/l m
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

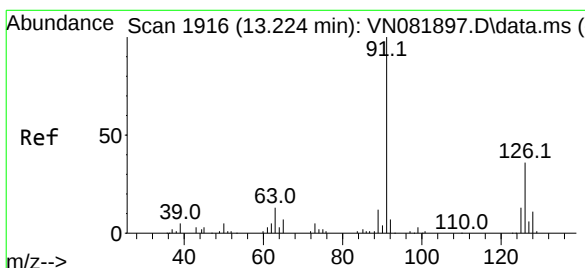
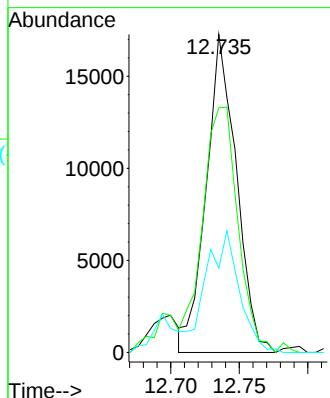
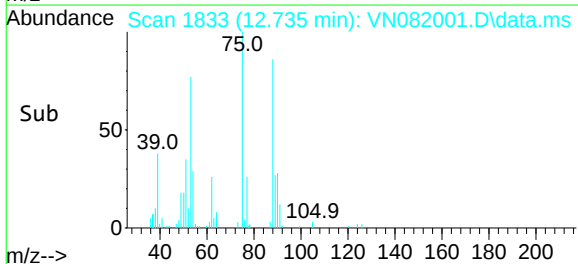
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	76.9	45.9	137.7
89	26.5	25.9	77.7

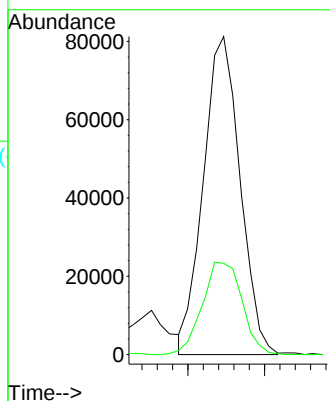
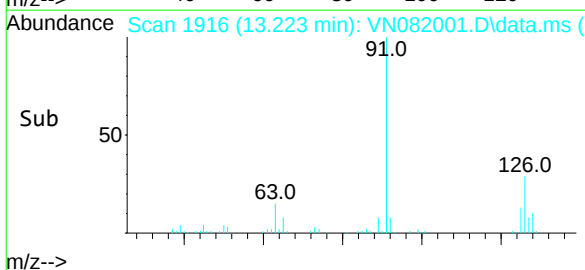
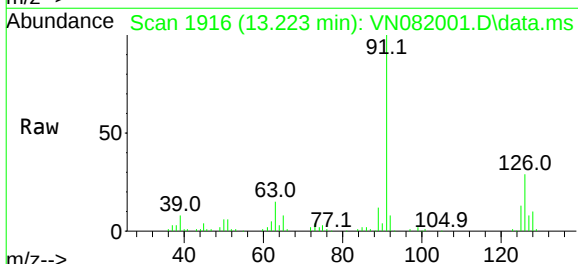
Manual Integrations
APPROVED

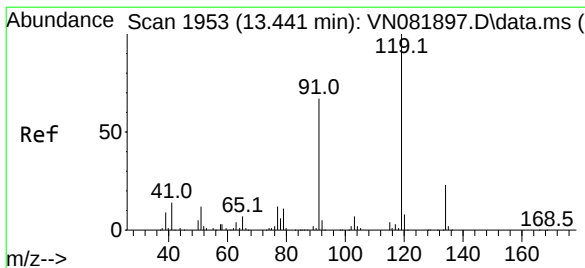
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#78
4-Chlorotoluene
Concen: 16.636 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	62.8





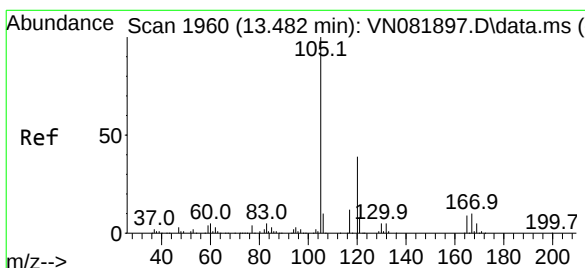
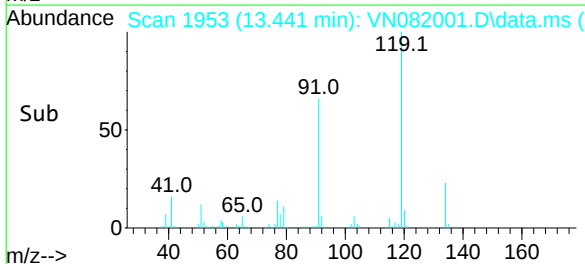
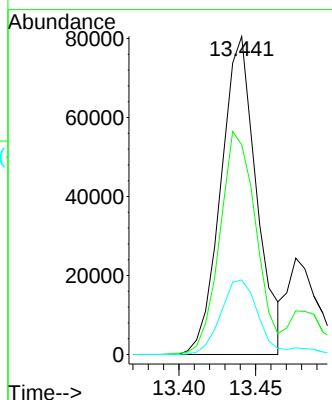
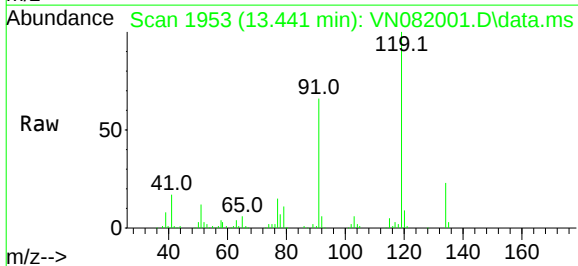
#79
tert-butylbenzene
Concen: 16.382 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	71.4	0.0	138.8
134	24.4	0.0	48.6

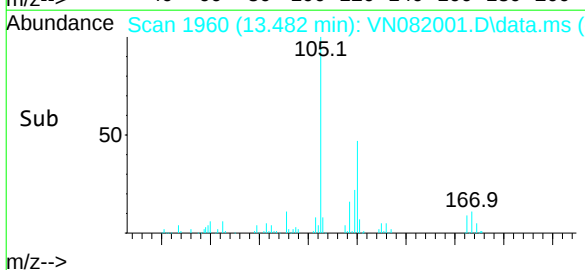
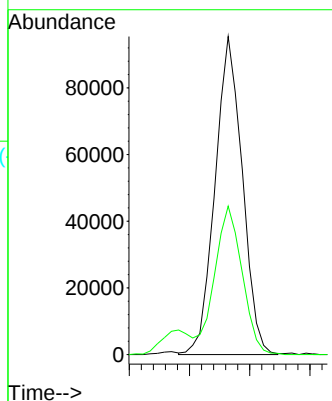
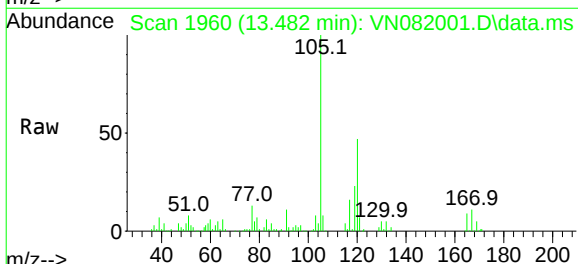
Manual Integrations
APPROVED

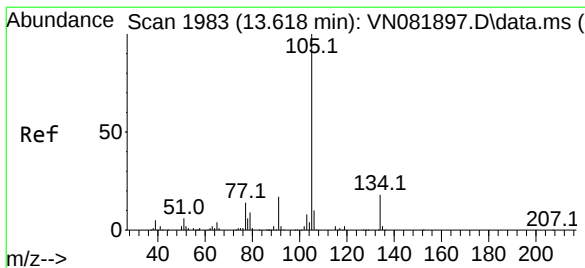
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#80
1,2,4-Trimethylbenzene
Concen: 16.254 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	0.0	86.8





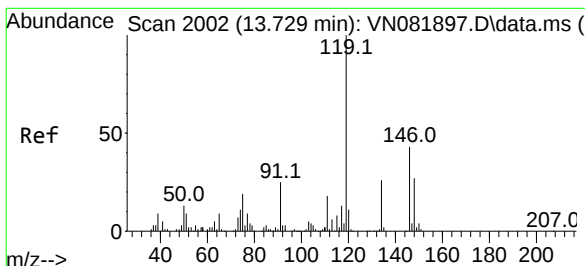
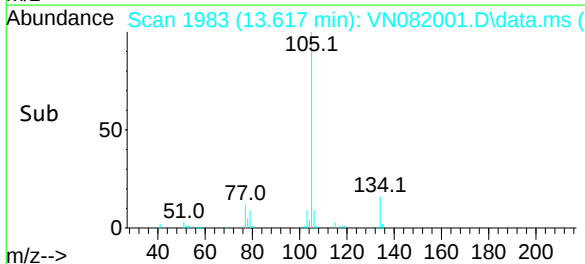
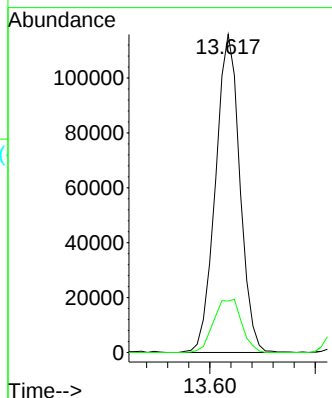
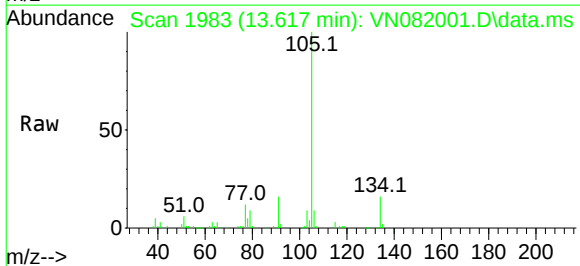
#81
sec-Butylbenzene
Concen: 16.759 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:105 Resp: 186091
Ion Ratio Lower Upper
105 100
134 19.2 0.0 39.0

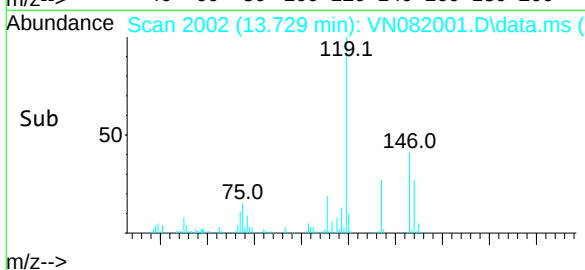
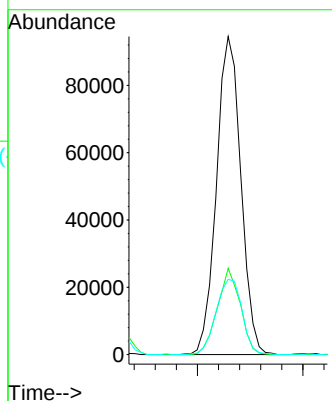
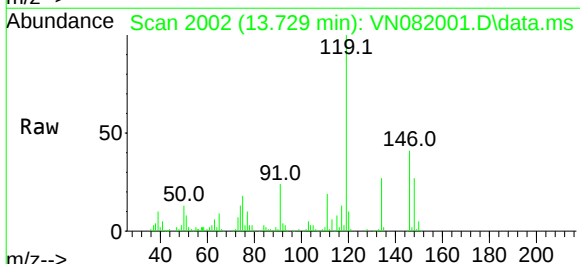
Manual Integrations
APPROVED

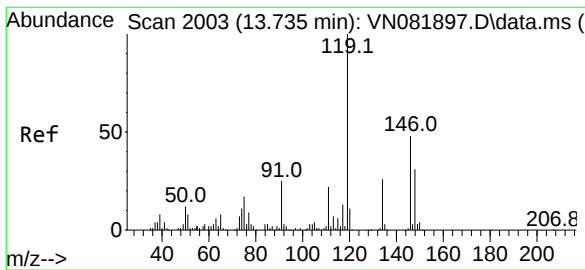
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#82
p-Isopropyltoluene
Concen: 17.322 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

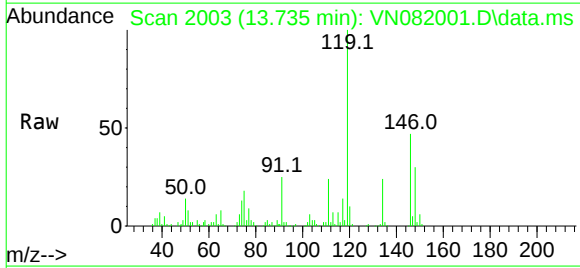
Tgt Ion:119 Resp: 152095
Ion Ratio Lower Upper
119 100
134 25.4 0.0 49.2
91 25.3 0.0 48.8





#83
1,3-Dichlorobenzene
Concen: 16.037 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

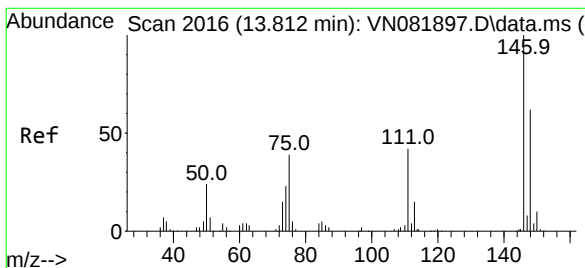
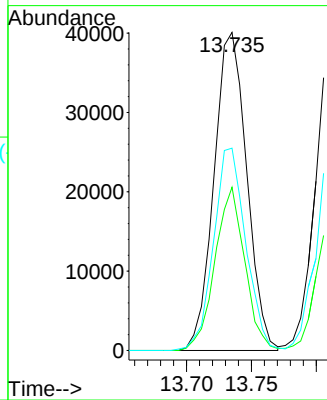
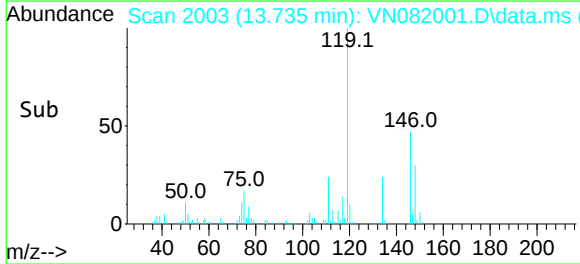
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion:146 Resp: 70263
Ion Ratio Lower Upper
146 100
111 46.7 22.4 67.0
148 62.6 32.1 96.5

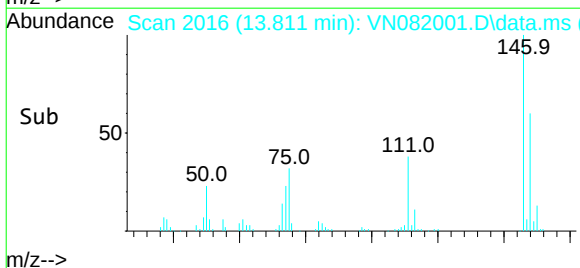
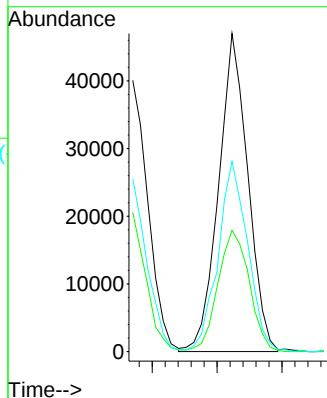
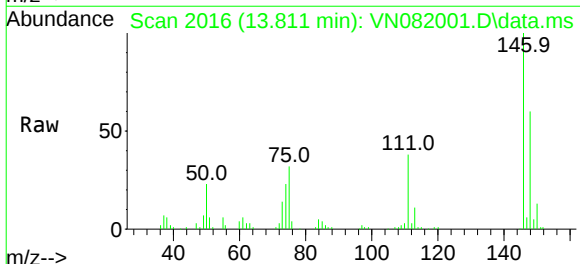
Manual Integrations
APPROVED

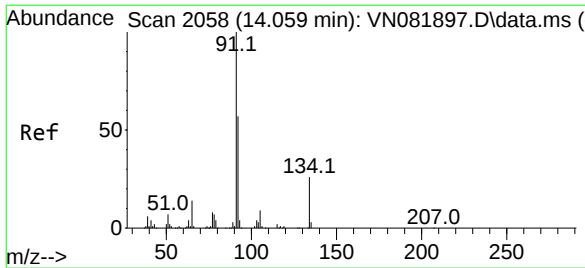
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#84
1,4-Dichlorobenzene
Concen: 16.725 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:146 Resp: 73650
Ion Ratio Lower Upper
146 100
111 40.8 21.3 63.9
148 60.7 31.9 95.5





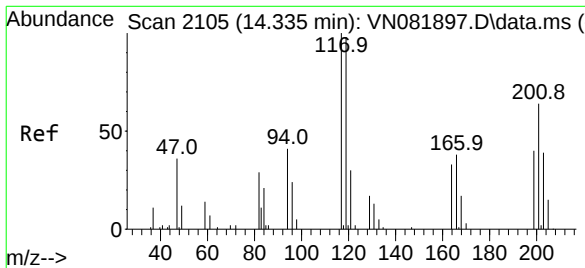
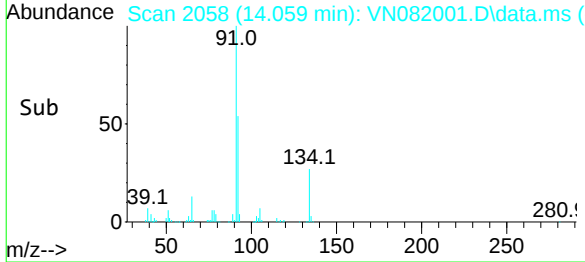
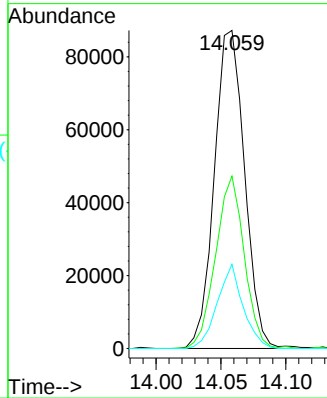
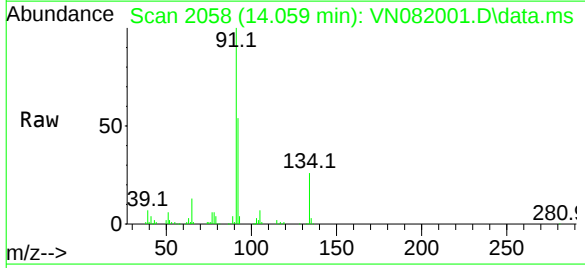
#85
n-Butylbenzene
Concen: 17.643 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion:	91	Resp:	141504
Ion	Ratio	Lower	Upper
91	100		
92	51.2	0.0	105.0
134	22.6	0.0	51.8

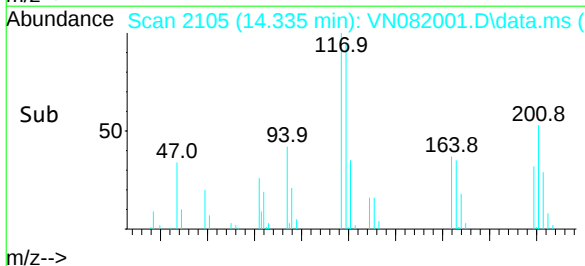
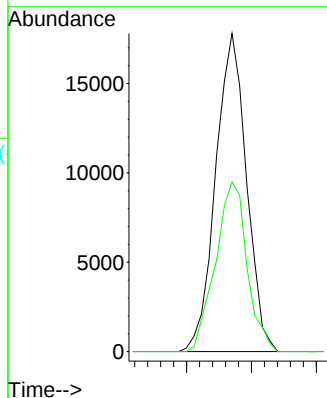
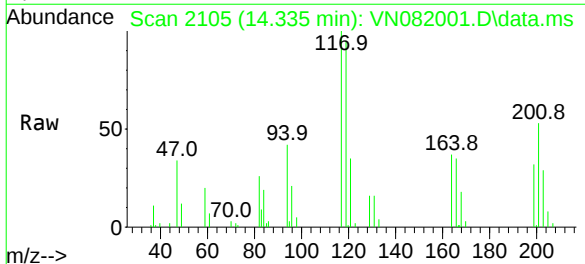
Manual Integrations
APPROVED

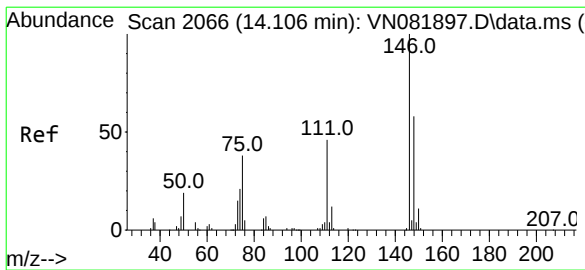
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#86
Hexachloroethane
Concen: 16.777 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:	117	Resp:	29373
Ion	Ratio	Lower	Upper
117	100		
201	54.7	38.0	114.0





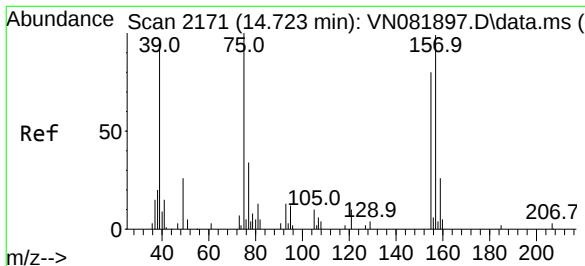
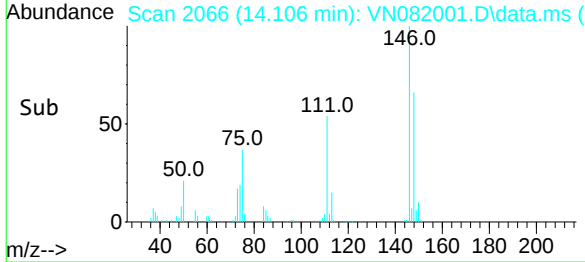
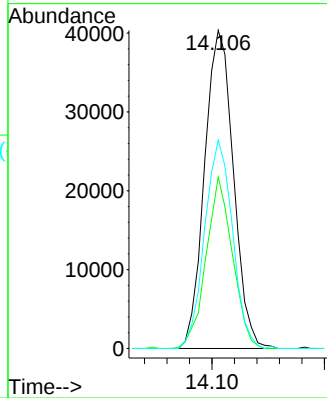
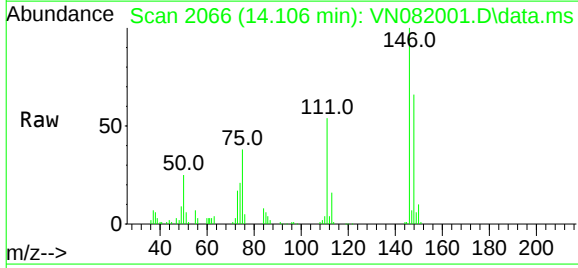
#87
1,2-Dichlorobenzene
Concen: 16.506 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	49.2	22.6	67.8
148	63.1	31.3	93.8

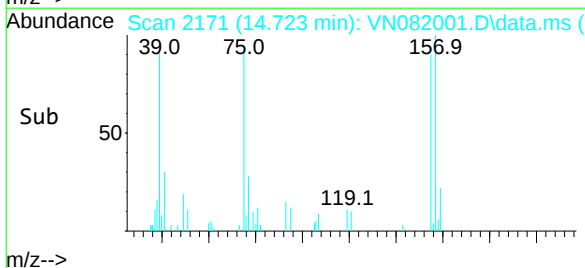
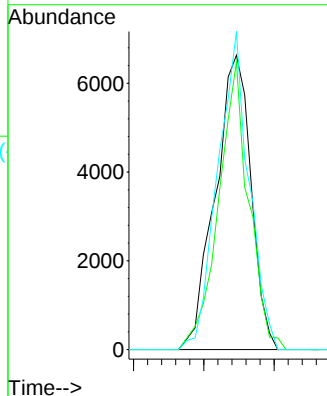
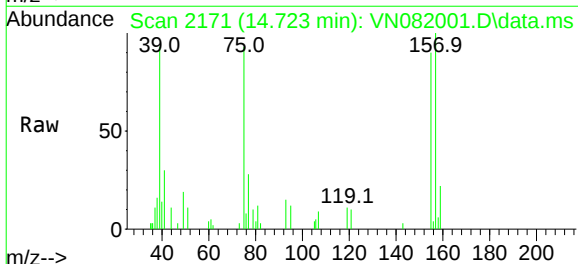
Manual Integrations
APPROVED

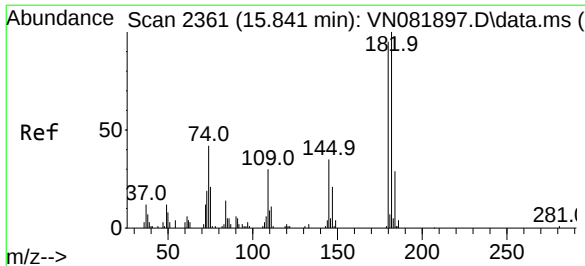
Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#88
1,2-Dibromo-3-Chloropropane
Concen: 15.934 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	61.7	92.5
157	95.2	83.6	125.4





#89

1,2,4-Trichlorobenzene

Concen: 15.501 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

Instrument :

MSVOA_N

ClientSampleId :

VN0506WBS01

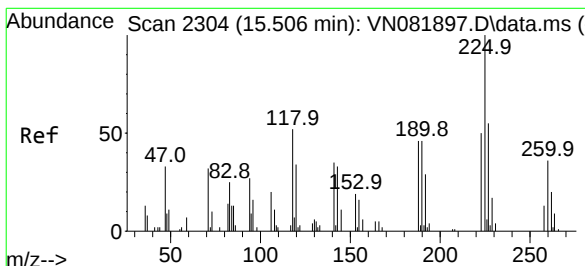
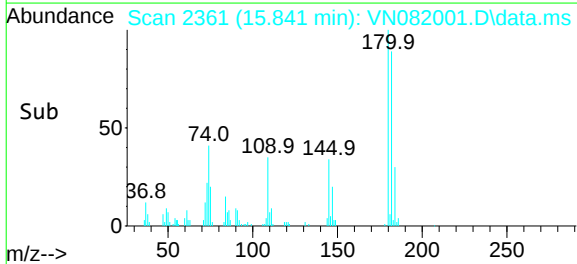
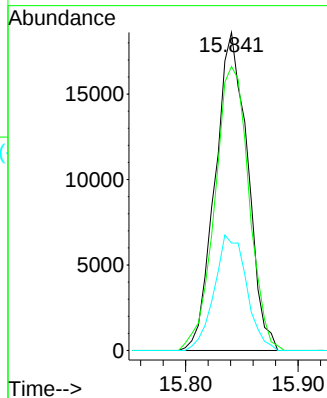
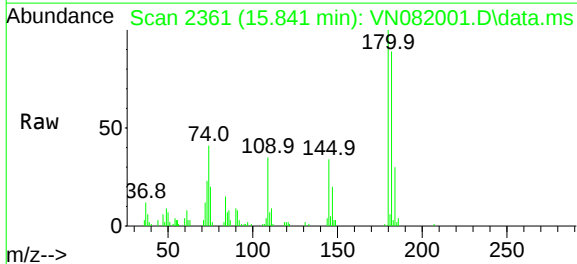
Tgt Ion:	180	Resp:	37245
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.4	114.6
145	36.0	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/07/2024

Supervised By :Semsettin Yesilyurt 05/07/2024



#90

Hexachlorobutadiene

Concen: 14.608 ug/l

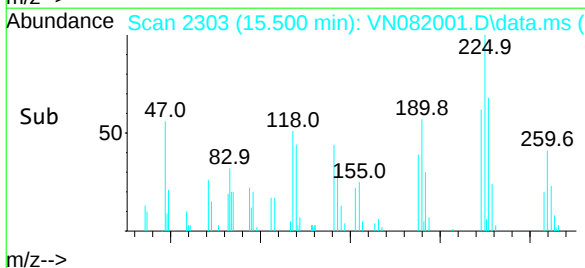
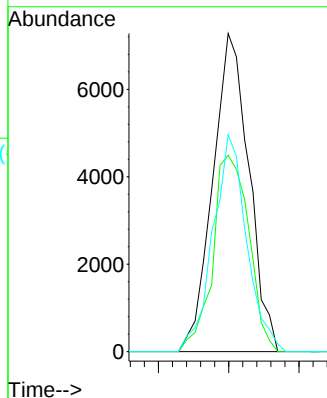
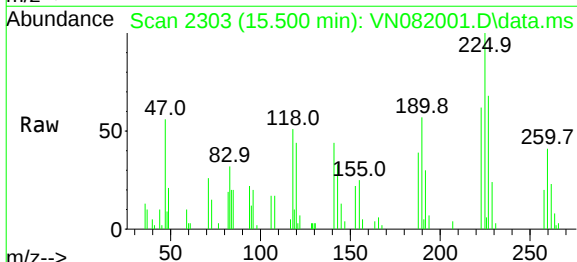
RT: 15.500 min Scan# 2303

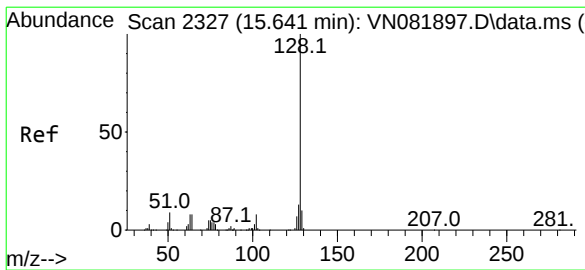
Delta R.T. -0.006 min

Lab File: VN082001.D

Acq: 06 May 2024 10:35

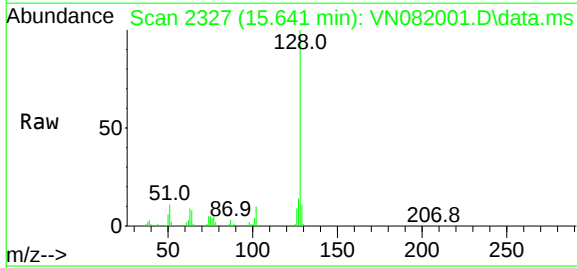
Tgt Ion:	225	Resp:	12999
Ion Ratio	Lower	Upper	
225	100		
223	61.6	0.0	126.6
227	63.6	0.0	126.6





#91
Naphthalene
Concen: 15.873 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

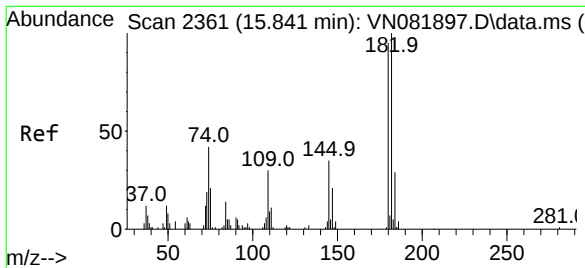
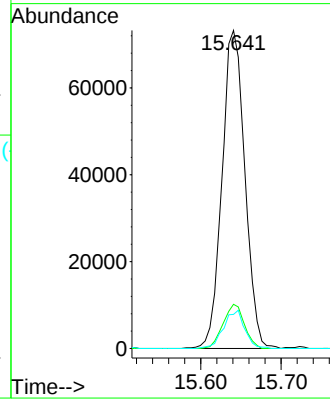
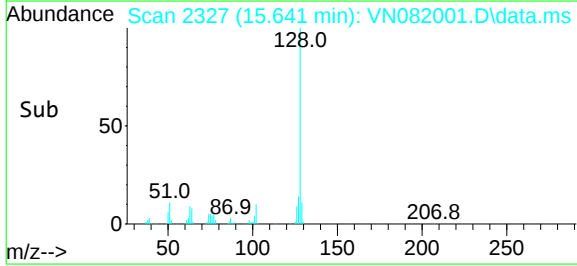
Instrument :
MSVOA_N
ClientSampleId :
VN0506WBS01



Tgt Ion:128 Resp: 144980
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/07/2024
Supervised By :Semsettin Yesilyurt 05/07/2024



#92
1,2,3-Trichlorobenzene
Concen: 15.501 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN082001.D
Acq: 06 May 2024 10:35

Tgt Ion:180 Resp: 37245
Ion Ratio Lower Upper
180 100
182 94.0 0.0 191.0
145 36.0 0.0 71.0

