

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122723\
 Data File : VN080602.D
 Acq On : 27 Dec 2023 18:02
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122723

Quant Time: Dec 28 03:11:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/28/2023
 Supervised By : Semsettin Yesilyurt 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	455592	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	804255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	731618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	262160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	304211	52.055	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.120%			
35) Dibromofluoromethane	8.165	113	232261	44.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.300%			
50) Toluene-d8	10.571	98	912660	50.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	324629	53.112	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	225919	44.640	ug/l	99
3) Chloromethane	2.359	50	309705	54.949	ug/l	97
4) Vinyl Chloride	2.512	62	289298	51.368	ug/l	98
5) Bromomethane	2.948	94	106972	49.983	ug/l	99
6) Chloroethane	3.118	64	168055	47.795	ug/l	98
7) Trichlorofluoromethane	3.495	101	378223	47.033	ug/l	97
8) Diethyl Ether	3.959	74	149242	54.041	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	219493	50.001	ug/l	96
10) Methyl Iodide	4.589	142	158410	52.231	ug/l	96
11) Tert butyl alcohol	5.518	59	219070	278.640	ug/l	99
12) 1,1-Dichloroethene	4.336	96	213832	50.784	ug/l	90
13) Acrolein	4.177	56	233483	262.659	ug/l	99
14) Allyl chloride	5.024	41	352620	55.162	ug/l	91
15) Acrylonitrile	5.718	53	652673	291.064	ug/l	99
16) Acetone	4.424	43	379601	238.955	ug/l	98
17) Carbon Disulfide	4.712	76	560397	49.492	ug/l	99
18) Methyl Acetate	5.024	43	518683	58.892	ug/l	90
19) Methyl tert-butyl Ether	5.794	73	865198	57.075	ug/l	93
20) Methylene Chloride	5.277	84	284184	56.066	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	270985	53.265	ug/l	86
22) Diisopropyl ether	6.671	45	839793	59.145	ug/l #	90
23) Vinyl Acetate	6.600	43	2291971	291.041	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	516019	54.220	ug/l	98
25) 2-Butanone	7.483	43	759121	255.672	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	424949	51.295	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	312402	51.627	ug/l	92
28) Bromochloromethane	7.812	49	229529	51.869	ug/l	87
29) Tetrahydrofuran	7.835	42	480136	247.958	ug/l #	82
30) Chloroform	7.965	83	447582	46.844	ug/l	93
31) Cyclohexane	8.259	56	351821	44.496	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	405039	47.013	ug/l	97
36) 1,1-Dichloropropene	8.371	75	356388	44.518	ug/l	97
37) Ethyl Acetate	7.559	43	281494	46.601	ug/l	97
38) Carbon Tetrachloride	8.359	117	364224	44.474	ug/l	97
39) Methylcyclohexane	9.600	83	331792	50.532	ug/l	88
40) Benzene	8.606	78	1148514	49.205	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	178225	47.845	ug/l	90
42) 1,2-Dichloroethane	8.671	62	375646	50.644	ug/l	99
43) Isopropyl Acetate	8.688	43	538835	55.035	ug/l	97
44) Trichloroethene	9.353	130	262382	43.908	ug/l	97
45) 1,2-Dichloropropane	9.624	63	256917	47.222	ug/l	97
46) Dibromomethane	9.712	93	177690	48.542	ug/l	92
47) Bromodichloromethane	9.888	83	374270	48.778	ug/l	97
48) Methyl methacrylate	9.682	41	284261	52.290	ug/l	85
49) 1,4-Dioxane	9.694	88	87354	1005.323	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1463354	262.783	ug/l	95
52) Toluene	10.629	92	633108	49.740	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	398768	51.551	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	430765	49.757	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	252512	50.013	ug/l	97
56) Ethyl methacrylate	10.876	69	275873	55.783	ug/l #	87
57) 1,3-Dichloropropane	11.165	76	432497	50.557	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	1009608	289.086	ug/l	94
59) 2-Hexanone	11.194	43	1097588	261.511	ug/l	93
60) Dibromochloromethane	11.359	129	305182	54.282	ug/l	99
61) 1,2-Dibromoethane	11.470	107	281208	55.240	ug/l	97
64) Tetrachloroethene	11.106	164	221211	45.250	ug/l	96
65) Chlorobenzene	11.894	112	745719	48.996	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	238983	40.821	ug/l	97
67) Ethyl Benzene	11.965	91	1124004	44.174	ug/l	96
68) m/p-Xylenes	12.070	106	915853	97.006	ug/l	96
69) o-Xylene	12.400	106	482529	52.038	ug/l	97
70) Styrene	12.412	104	715129	53.035	ug/l	99
71) Bromoform	12.582	173	183450	44.296	ug/l #	100
73) Isopropylbenzene	12.700	105	1203463	67.071	ug/l	100
74) N-amyl acetate	12.494	43	372657	58.870	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	287586	46.444	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	262783m	46.604	ug/l	
77) Bromobenzene	12.982	156	229488	48.155	ug/l	98
78) n-propylbenzene	13.035	91	1076209	52.449	ug/l	99
79) 2-Chlorotoluene	13.129	91	678125	50.623	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	809399	53.422	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	137661	66.131	ug/l	92
82) 4-Chlorotoluene	13.223	91	684287	49.951	ug/l	98
83) tert-Butylbenzene	13.441	119	665350	52.543	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	817053	53.259	ug/l	100
85) sec-Butylbenzene	13.617	105	888729	53.036	ug/l	99
86) p-Isopropyltoluene	13.729	119	790931	49.582	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	415156	48.337	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	411977	47.718	ug/l	99
89) n-Butylbenzene	14.059	91	674019	53.821	ug/l	99
90) Hexachloroethane	14.335	117	127392	48.702	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	397553	47.957	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62384	48.813	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	240826	55.062	ug/l	98
94) Hexachlorobutadiene	15.506	225	116929	51.804	ug/l	99
95) Naphthalene	15.641	128	845489	62.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	264425	59.803	ug/l	97

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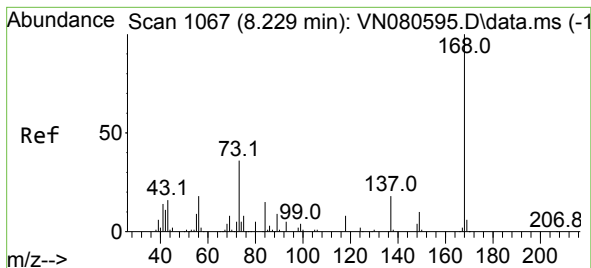
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Thu Dec 28 03:07:01 2023
Response via : Initial Calibration

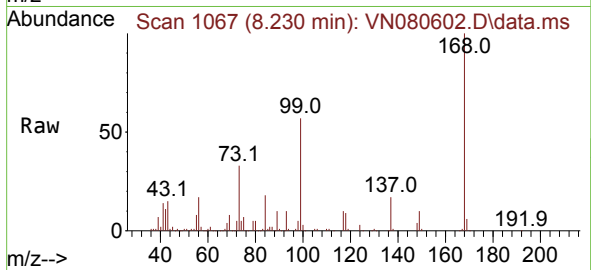
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
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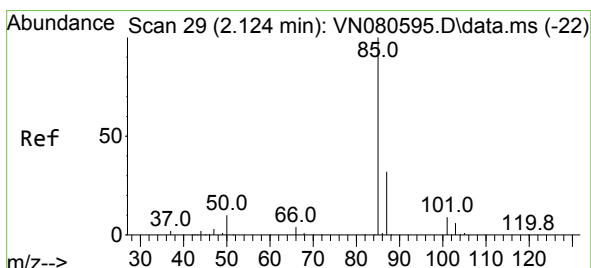
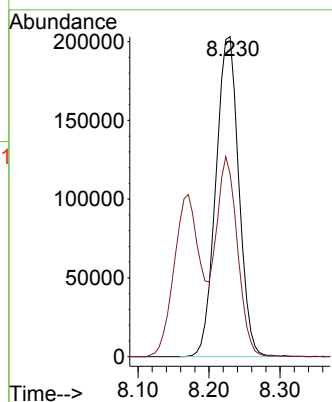
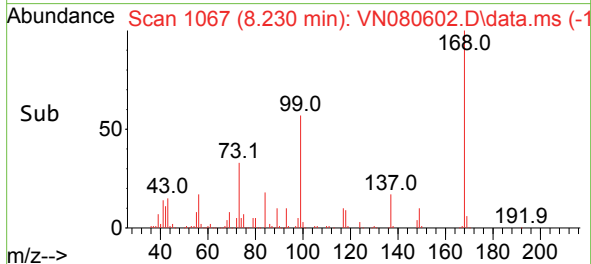
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion:168 Resp: 455592
Ion Ratio Lower Upper
168 100
99 56.9 53.0 79.6

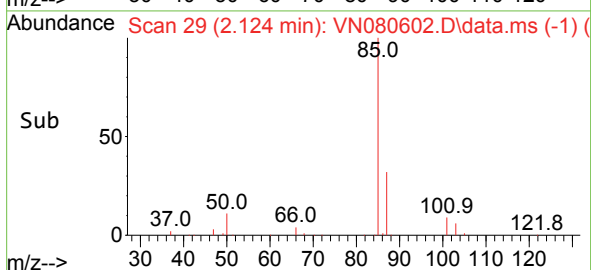
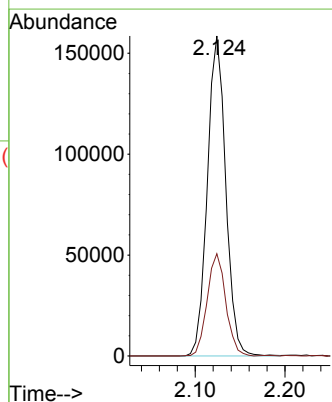
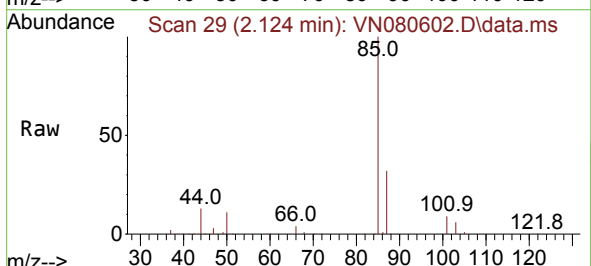
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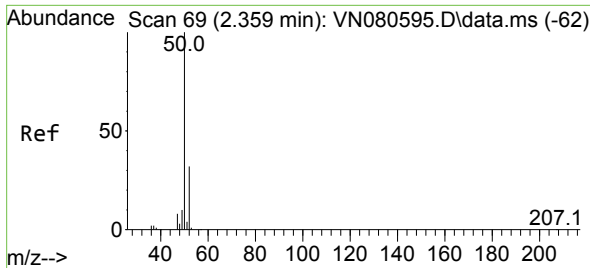
Reviewed By :John Carlone 12/28/2023
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#2
Dichlorodifluoromethane
Concen: 44.640 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

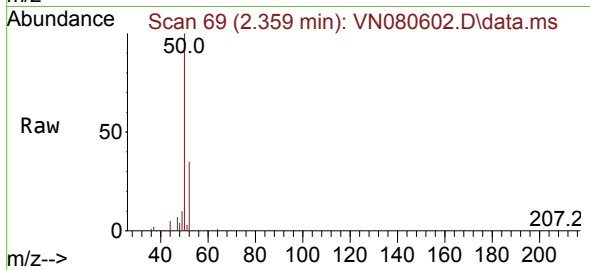
Tgt Ion: 85 Resp: 225919
Ion Ratio Lower Upper
85 100
87 31.9 15.8 47.4





#3
Chloromethane
Concen: 54.949 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

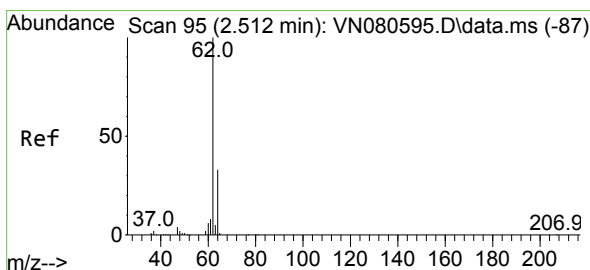
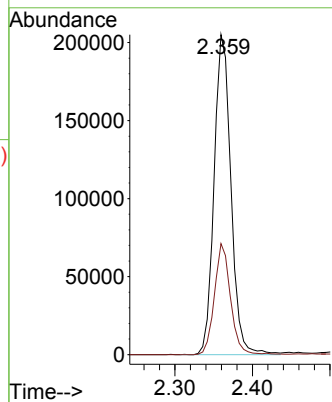
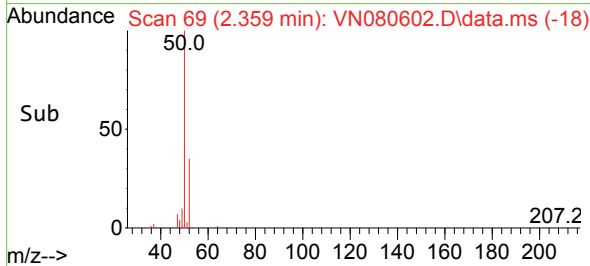
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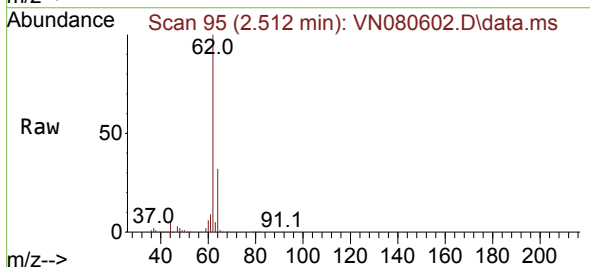
Tgt Ion: 50 Resp: 30970
Ion Ratio Lower Upper
50 100
52 34.7 26.5 39.7

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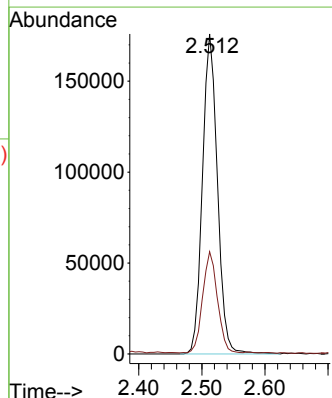
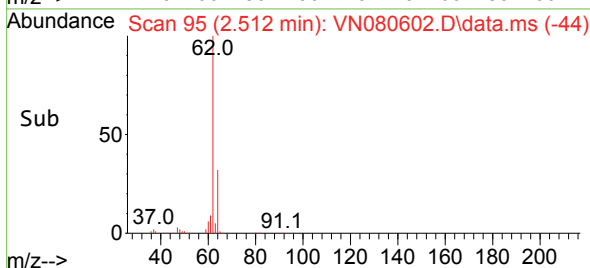
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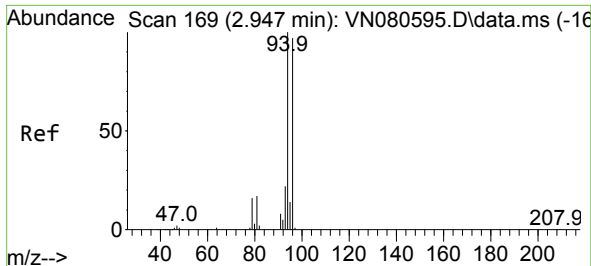


#4
Vinyl Chloride
Concen: 51.368 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



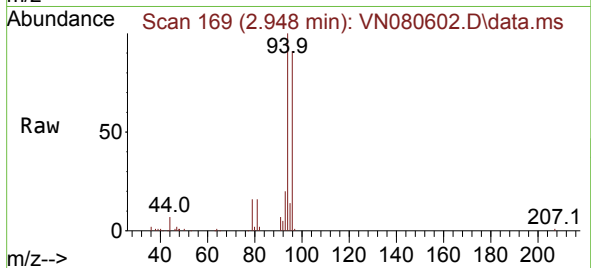
Tgt Ion: 62 Resp: 289298
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2





#5
Bromomethane
Concen: 49.983 ug/l
RT: 2.948 min Scan# 169
Delta R.T. 0.000 min
Lab File: VN080602.D
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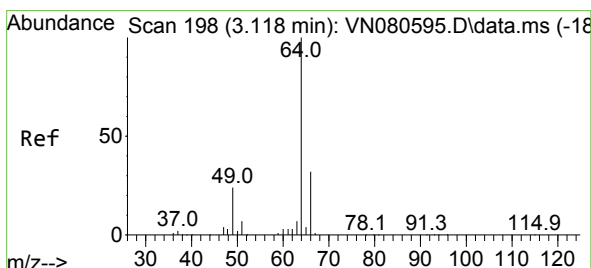
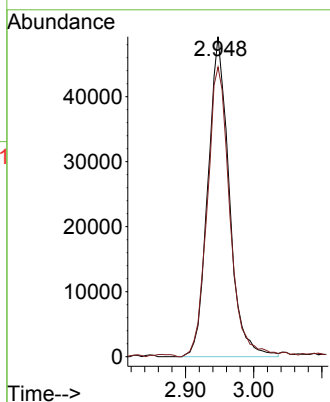
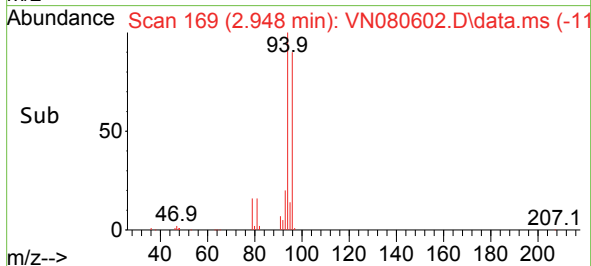
Instrument :
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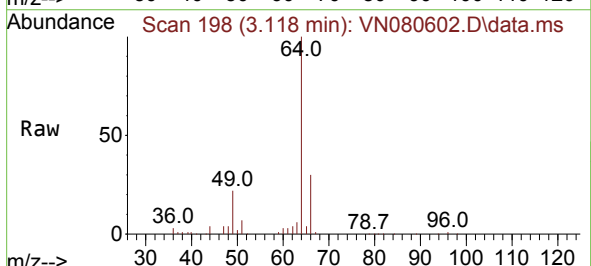
Tgt Ion: 94 Resp: 106972
Ion Ratio Lower Upper
94 100
96 90.5 73.1 109.7

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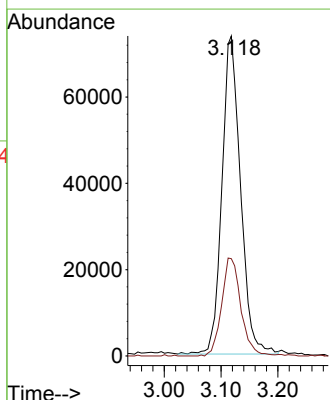
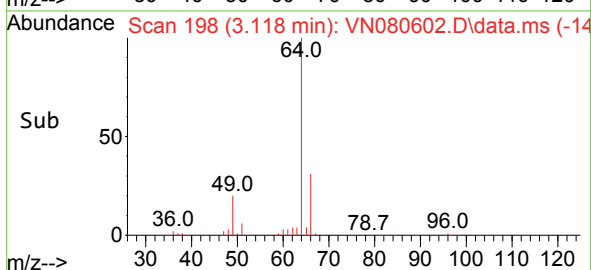
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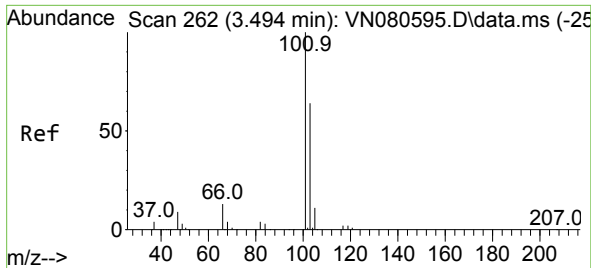


#6
Chloroethane
Concen: 47.795 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080602.D
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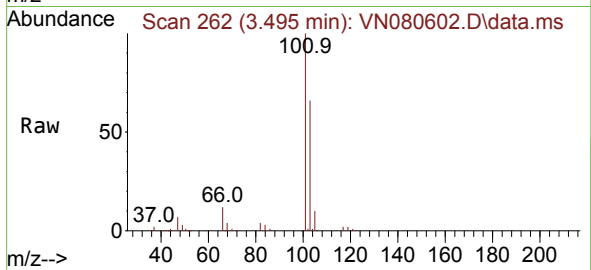
Tgt Ion: 64 Resp: 168055
Ion Ratio Lower Upper
64 100
66 30.6 25.4 38.2





#7
Trichlorofluoromethane
Concen: 47.033 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080602.D
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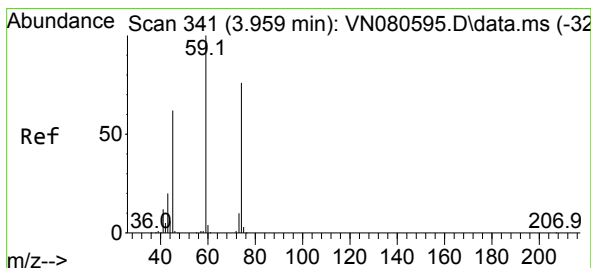
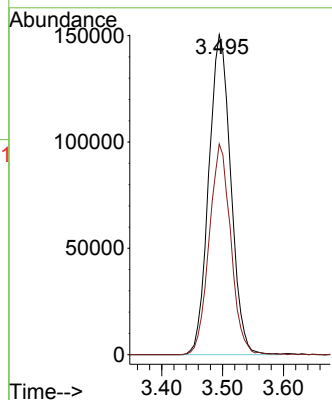
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion:101 Resp: 378223
Ion Ratio Lower Upper
101 100
103 65.9 50.7 76.1

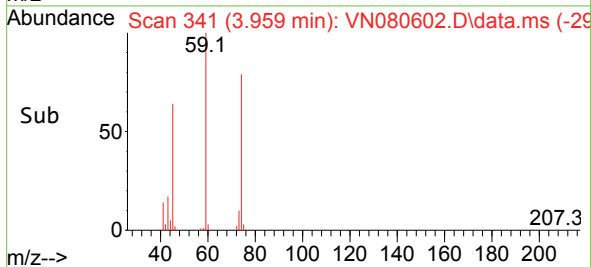
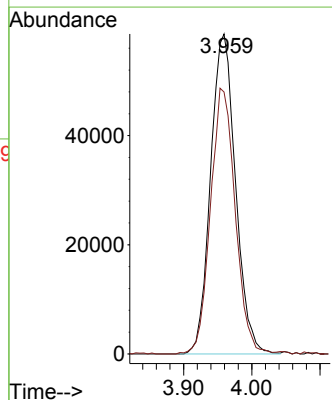
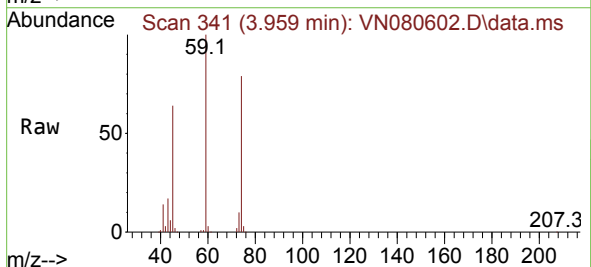
Manual Integrations
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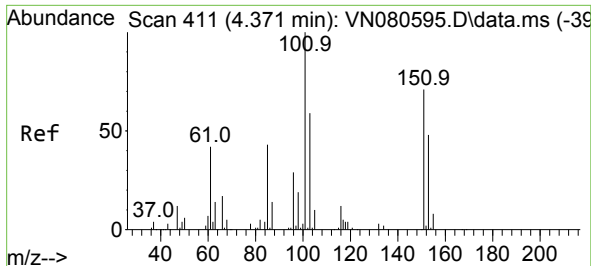
Reviewed By :John Carlone 12/28/2023
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#8
Diethyl Ether
Concen: 54.041 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Tgt Ion: 74 Resp: 149242
Ion Ratio Lower Upper
74 100
45 82.3 34.4 103.3





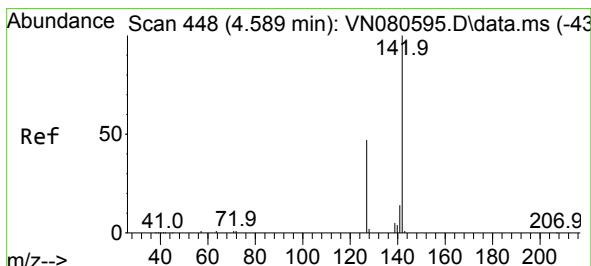
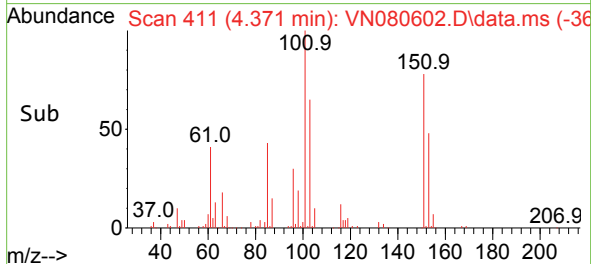
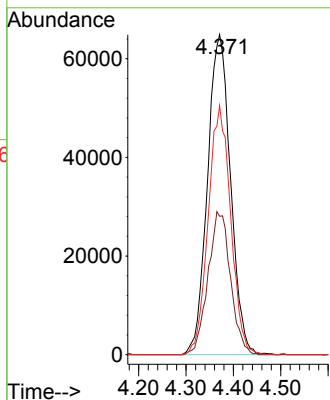
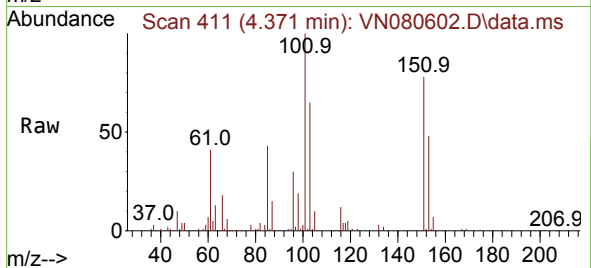
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.001 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 21949
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 75.8 57.6 86.4

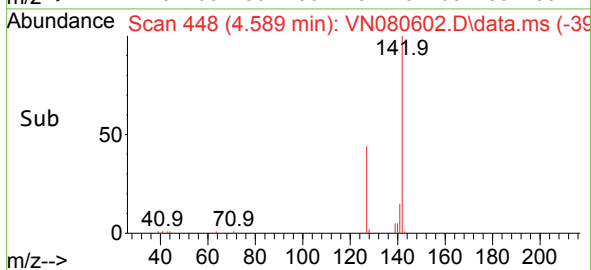
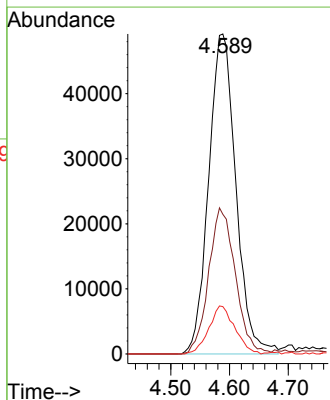
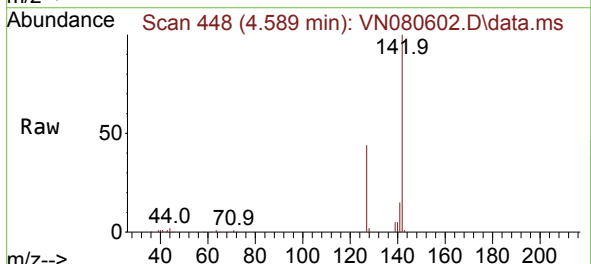
Manual Integrations
APPROVED

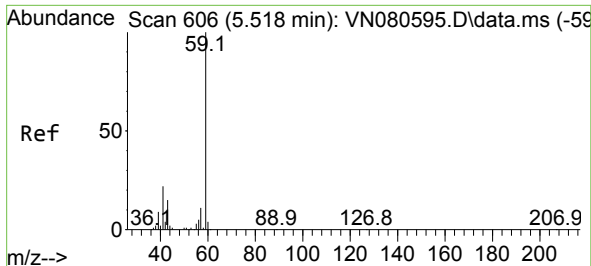
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#10
Methyl Iodide
Concen: 52.231 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

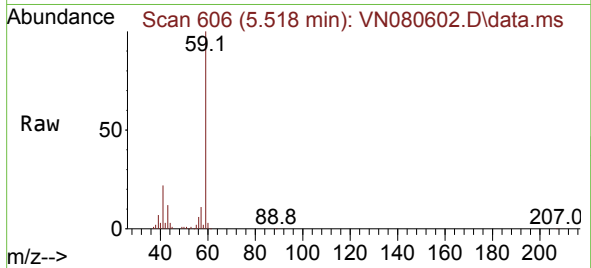
Tgt Ion:142 Resp: 158410
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 278.640 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

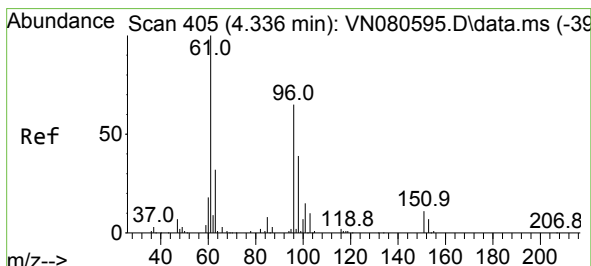
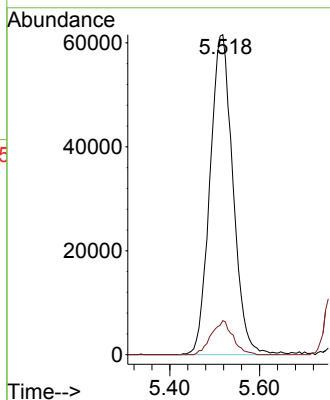
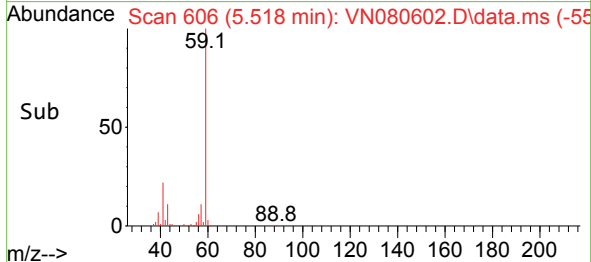
Instrument :
MSVOA_N
ClientSampleId :
ICV122723



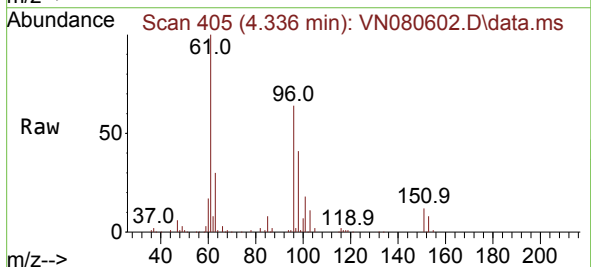
Tgt Ion: 59 Resp: 219070
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

Manual Integrations
APPROVED

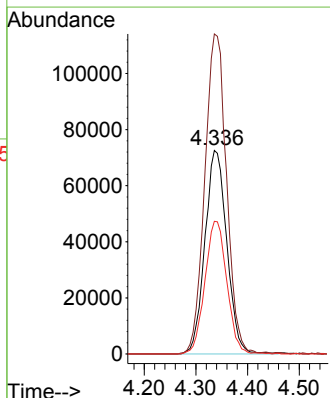
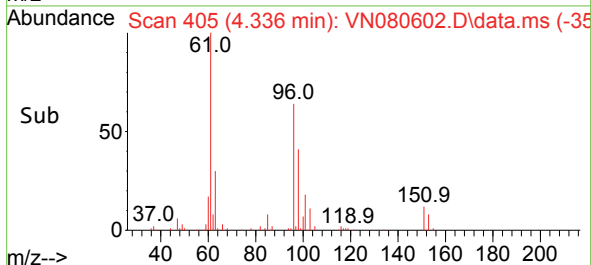
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

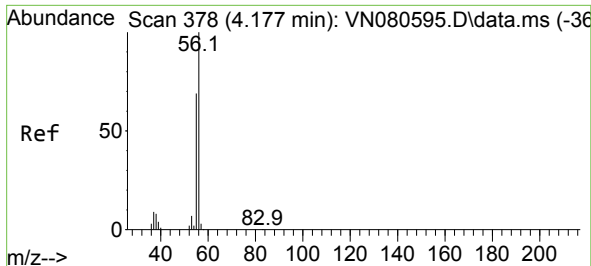


#12
1,1-Dichloroethene
Concen: 50.784 ug/l
RT: 4.336 min Scan# 405
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



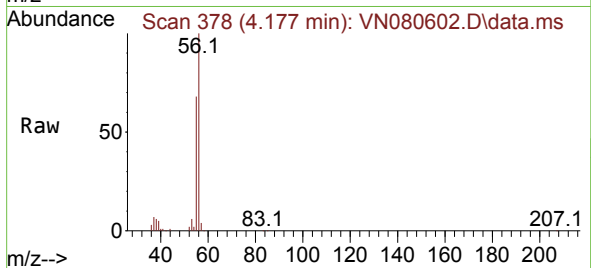
Tgt Ion: 96 Resp: 213832
Ion Ratio Lower Upper
96 100
61 157.2 112.7 169.1
98 65.1 51.2 76.8





#13
Acrolein
Concen: 262.659 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

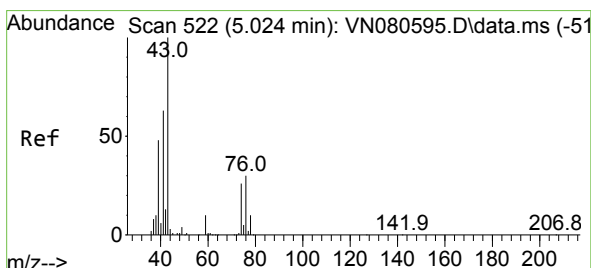
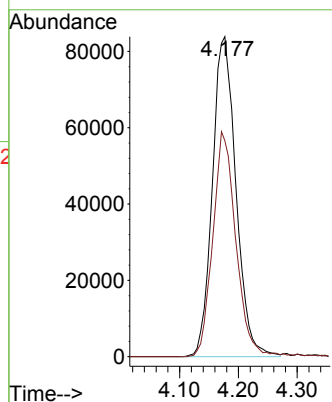
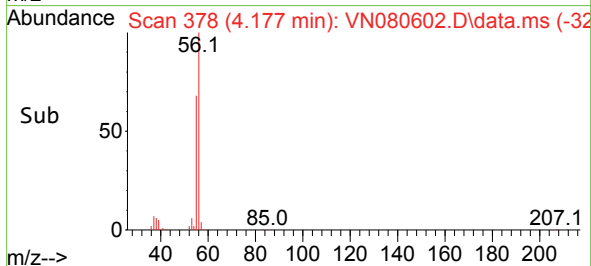
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 56 Resp: 23348
Ion Ratio Lower Upper
56 100
55 68.9 54.5 81.7

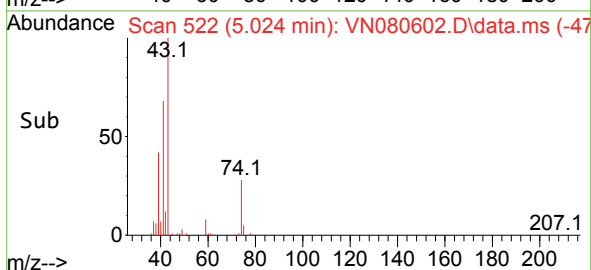
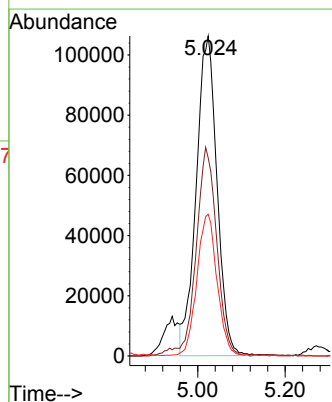
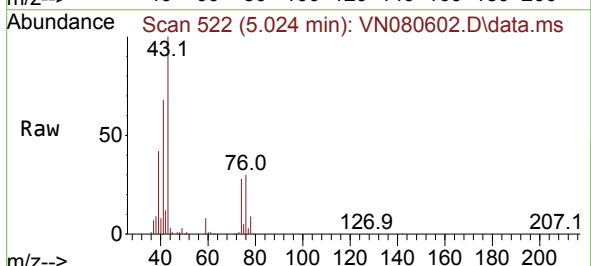
Manual Integrations
APPROVED

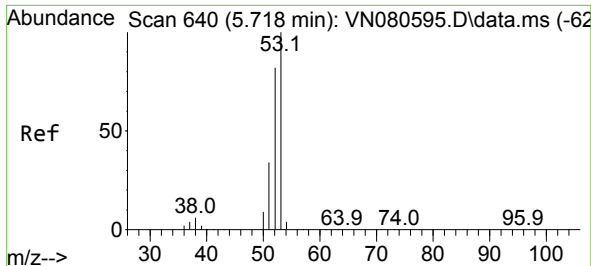
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#14
Allyl chloride
Concen: 55.162 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

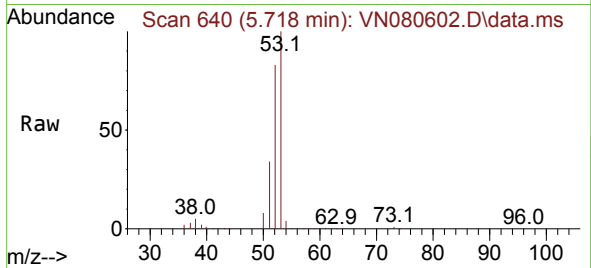
Tgt Ion: 41 Resp: 352620
Ion Ratio Lower Upper
41 100
39 65.0 58.8 88.2
76 43.1 39.1 58.7





#15
Acrylonitrile
Concen: 291.064 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

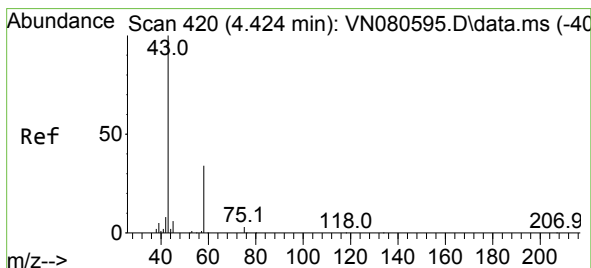
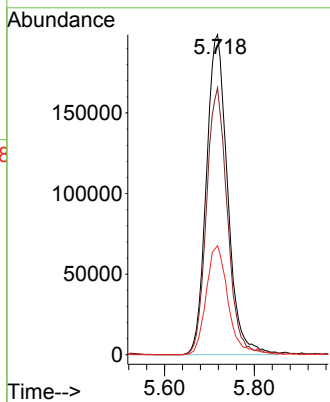
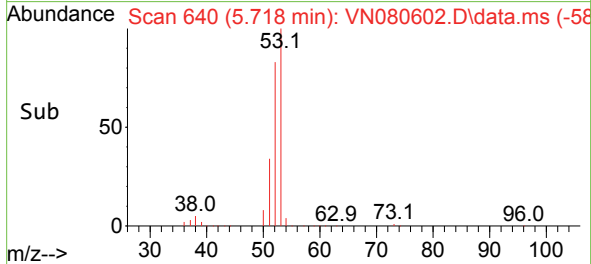
Instrument :
MSVOA_N
ClientSampleId :
ICVFN122723



Tgt Ion: 53 Resp: 65267
Ion Ratio Lower Upper
53 100
52 82.1 65.3 97.9
51 35.4 28.9 43.3

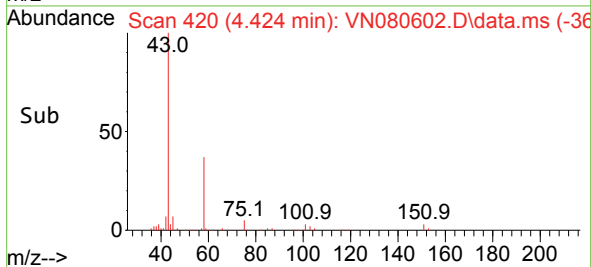
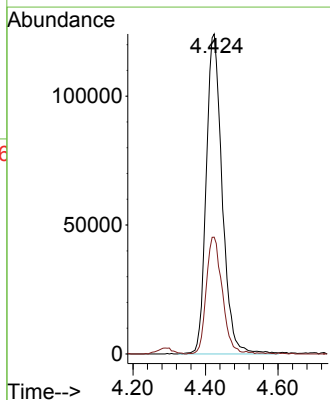
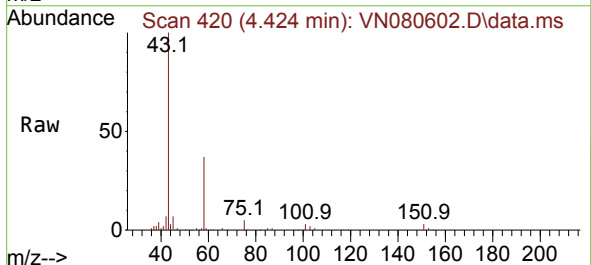
Manual Integrations
APPROVED

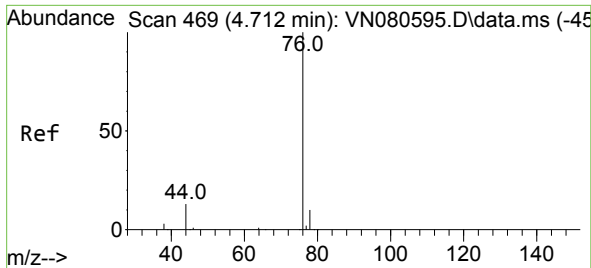
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#16
Acetone
Concen: 238.955 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

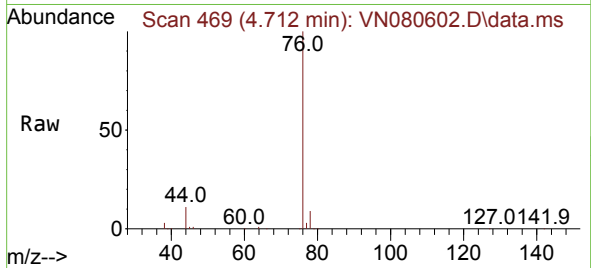
Tgt Ion: 43 Resp: 379601
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0





#17
Carbon Disulfide
Concen: 49.492 ug/l
RT: 4.712 min Scan# 40
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

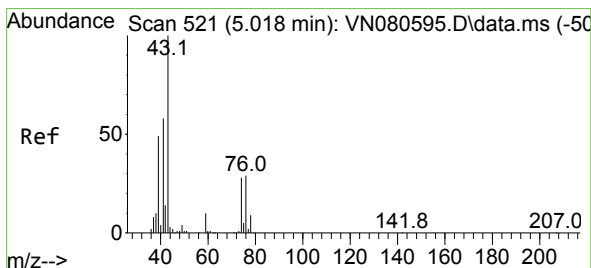
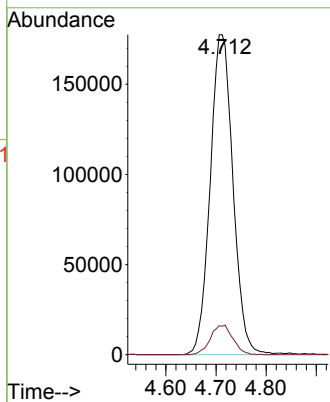
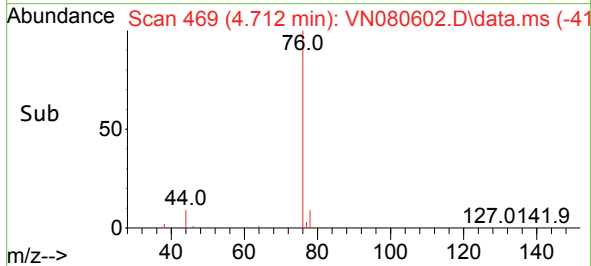
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion: 76 Resp: 56039
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

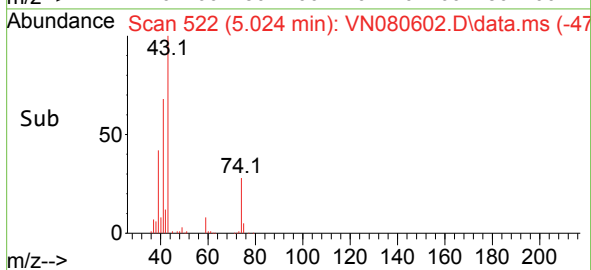
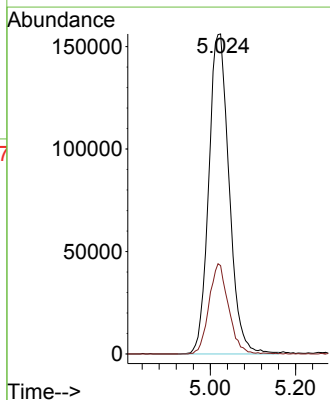
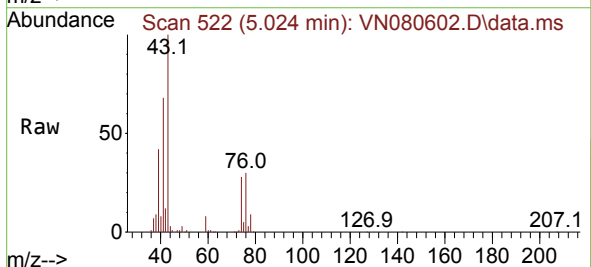
Manual Integrations
APPROVED

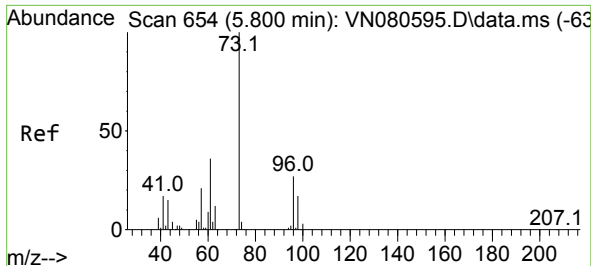
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#18
Methyl Acetate
Concen: 58.892 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

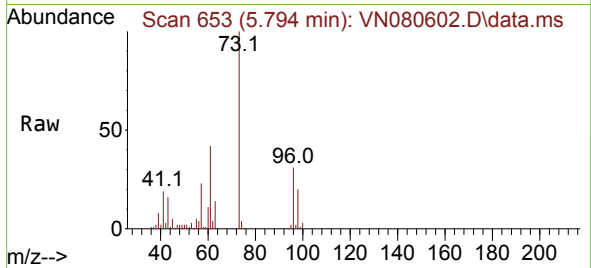
Tgt Ion: 43 Resp: 518683
Ion Ratio Lower Upper
43 100
74 26.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 57.075 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

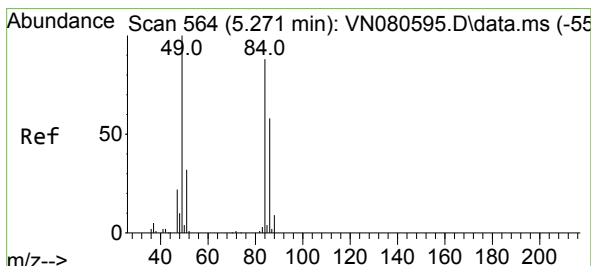
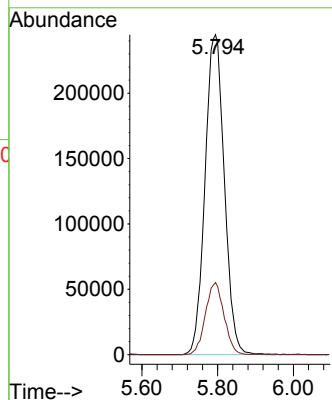
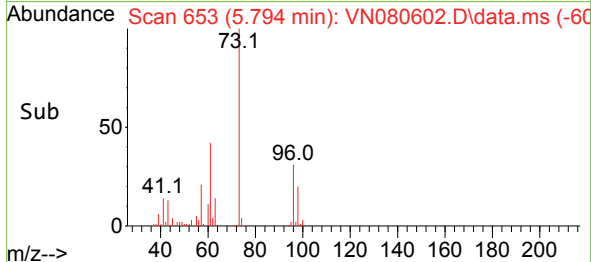
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion: 73 Resp: 865198
Ion Ratio Lower Upper
73 100
57 22.6 15.6 23.4

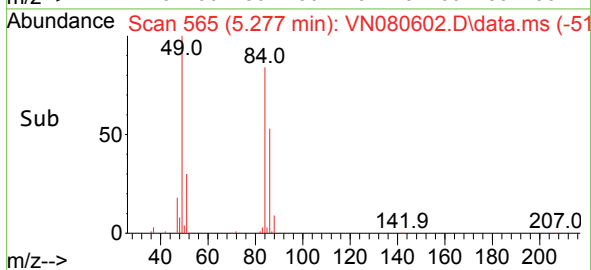
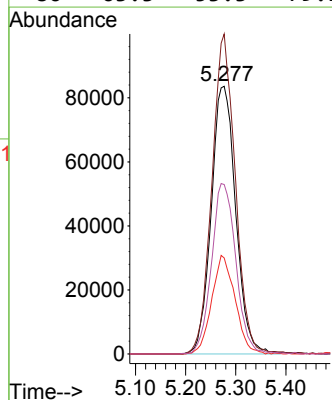
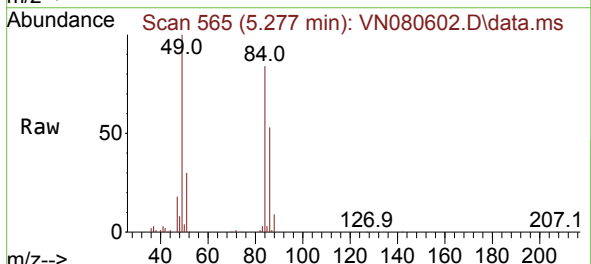
Manual Integrations
APPROVED

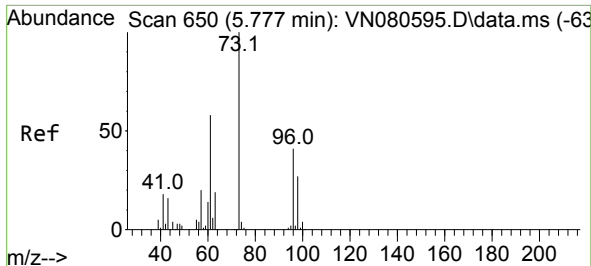
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#20
Methylene Chloride
Concen: 56.066 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

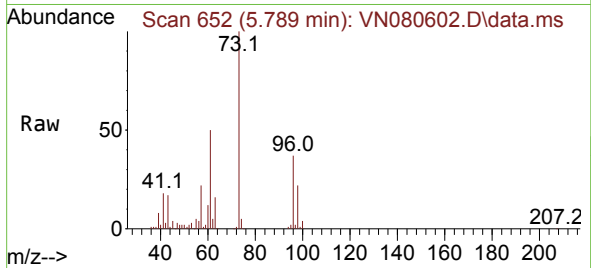
Tgt Ion: 84 Resp: 284184
Ion Ratio Lower Upper
84 100
49 119.5 79.7 119.5#
51 35.8 25.2 37.8
86 63.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 53.265 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

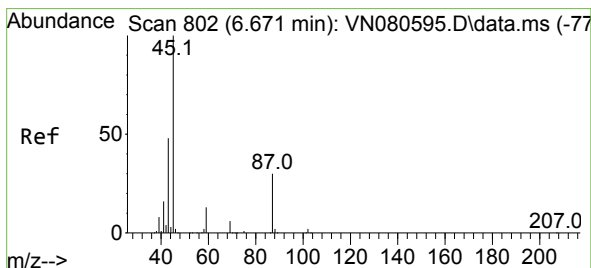
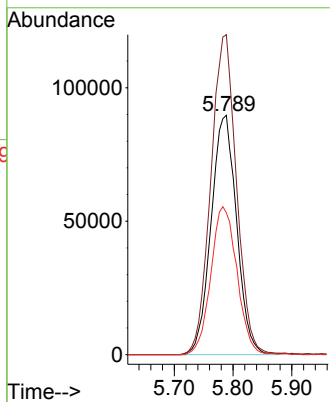
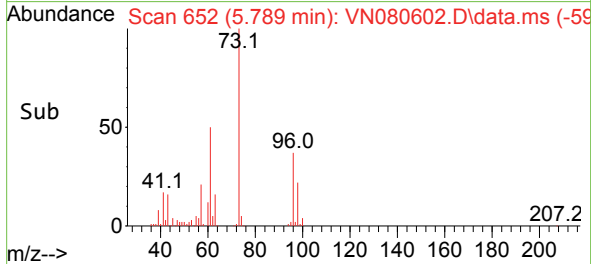
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion: 96 Resp: 27098
Ion Ratio Lower Upper
96 100
61 133.7 90.1 135.1
98 59.3 46.4 69.6

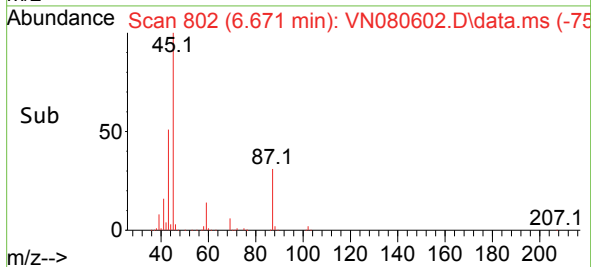
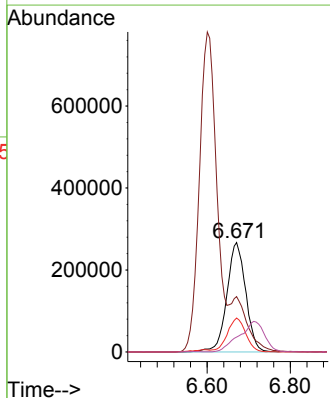
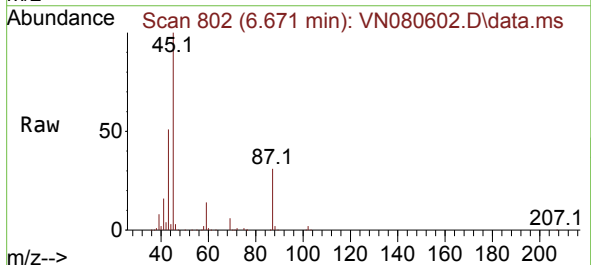
Manual Integrations
APPROVED

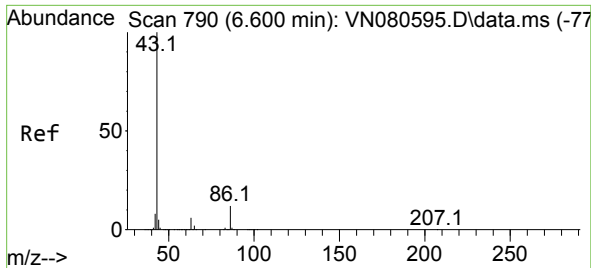
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#22
Diisopropyl ether
Concen: 59.145 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Tgt Ion: 45 Resp: 839793
Ion Ratio Lower Upper
45 100
43 50.4 45.5 68.3
87 30.9 31.8 47.8#
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 291.041 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

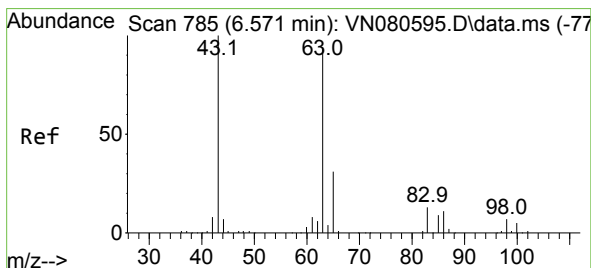
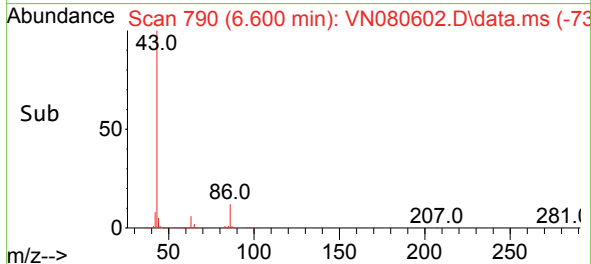
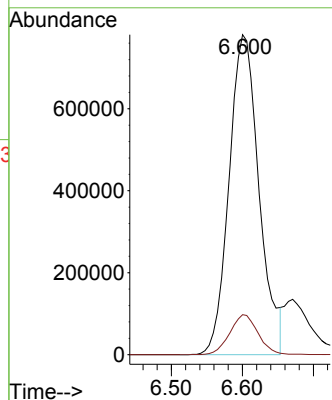
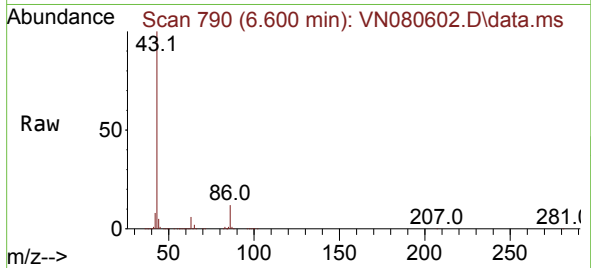
ICVNV122723

Tgt Ion: 43 Resp: 229197
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations

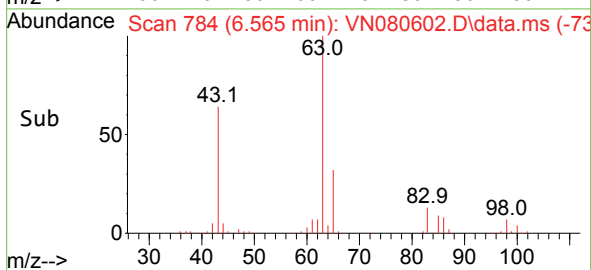
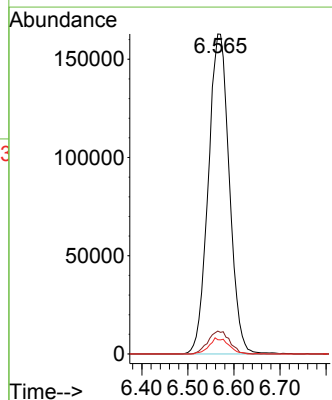
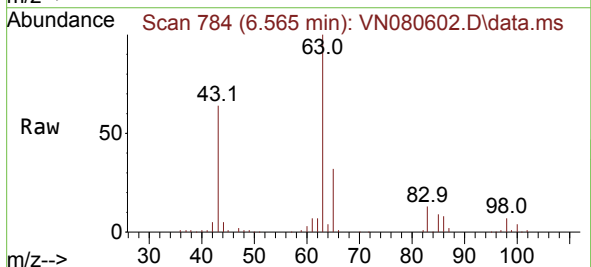
APPROVED

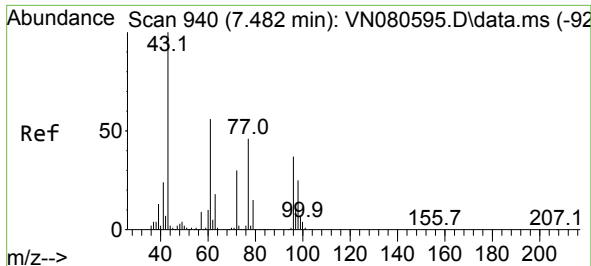
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#24
 1,1-Dichloroethane
 Concen: 54.220 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

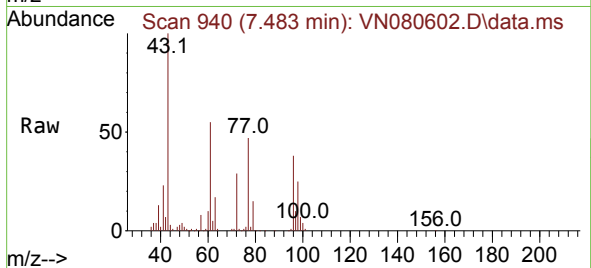
Tgt Ion: 63 Resp: 516019
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 255.672 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

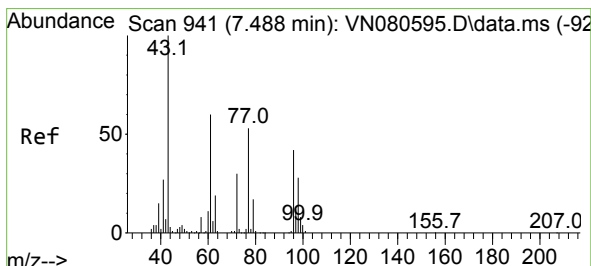
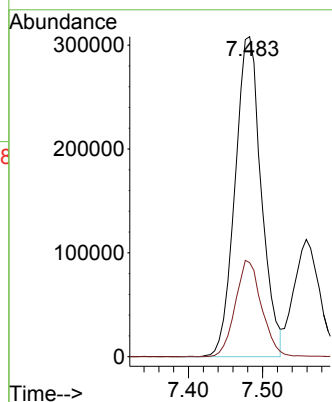
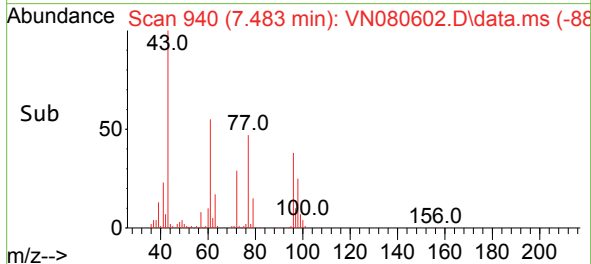
Instrument :
MSVOA_N
Client Sample Id :
ICVFN122723



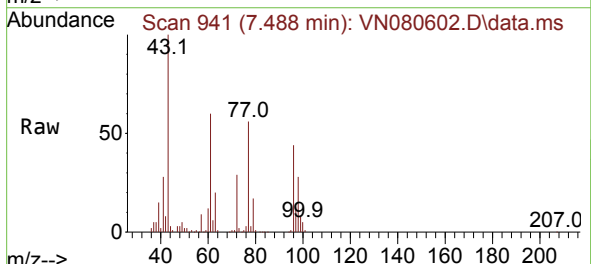
Tgt Ion: 43 Resp: 75912
Ion Ratio Lower Upper
43 100
72 29.4 30.2 45.2

Manual Integrations
APPROVED

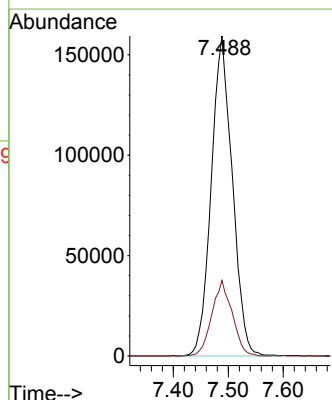
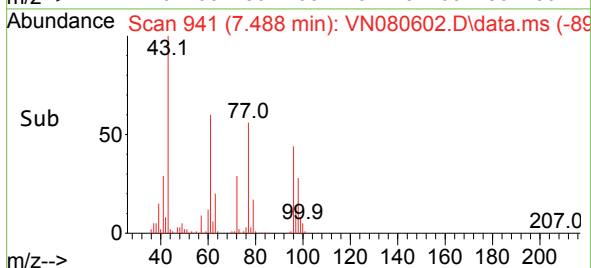
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

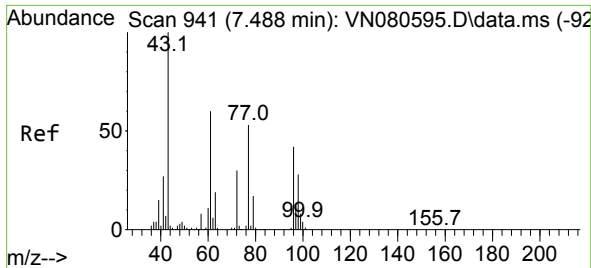


#26
2,2-Dichloropropane
Concen: 51.295 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



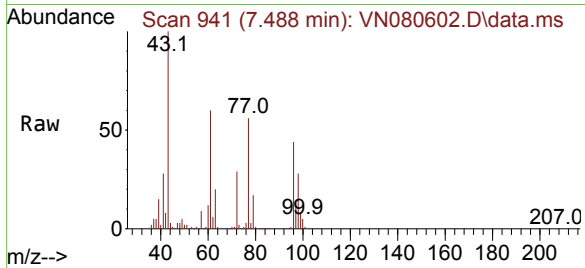
Tgt Ion: 77 Resp: 424949
Ion Ratio Lower Upper
77 100
97 22.8 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.627 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

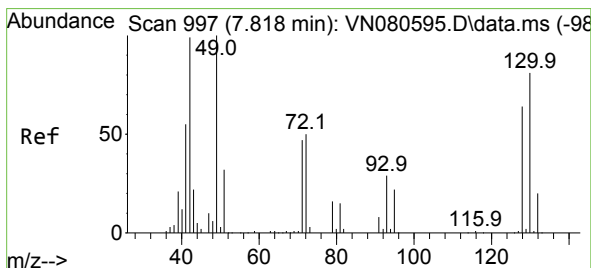
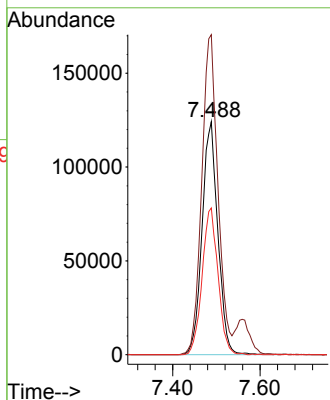
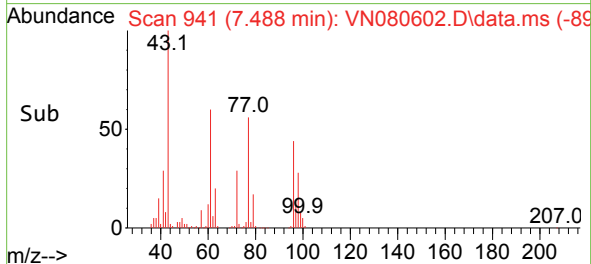
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122723



Tgt Ion: 96 Resp: 31240
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 255.2
 98 63.4 0.0 128.8

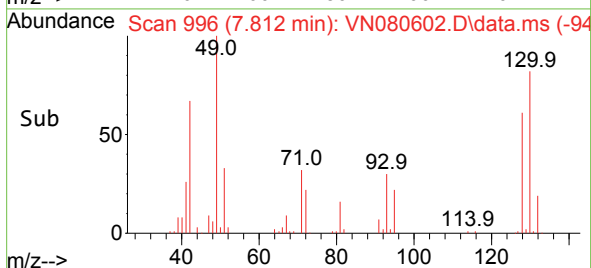
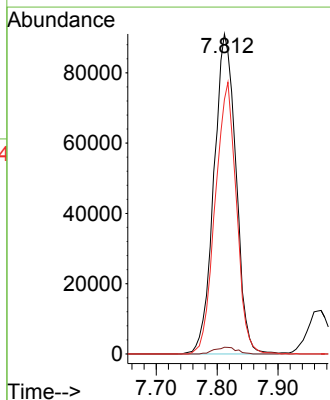
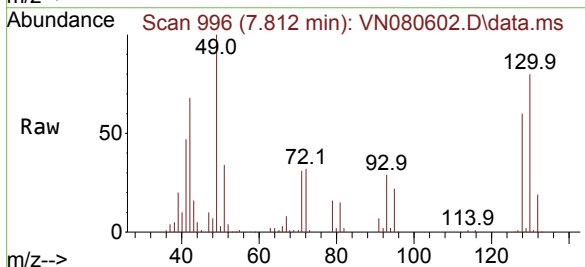
Manual Integrations
 APPROVED

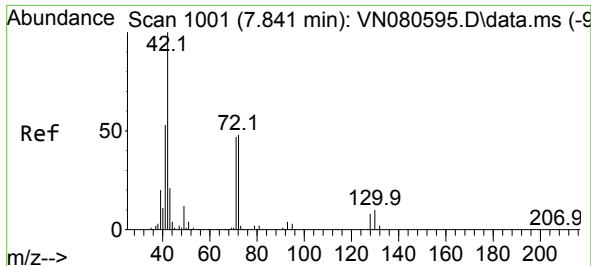
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#28
 Bromochloromethane
 Concen: 51.869 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

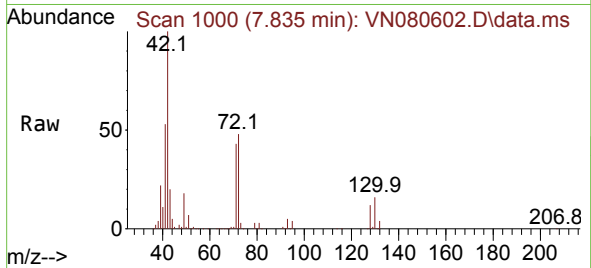
Tgt Ion: 49 Resp: 229529
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.8
 130 81.5 75.3 112.9





#29
Tetrahydrofuran
Concen: 247.958 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

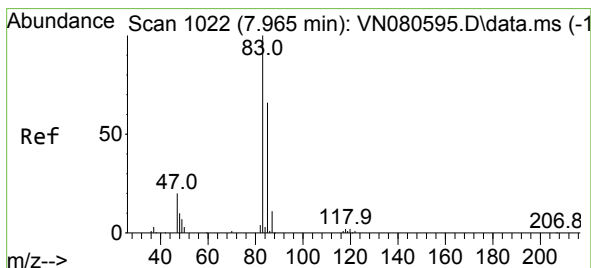
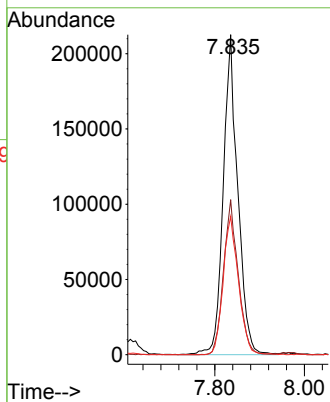
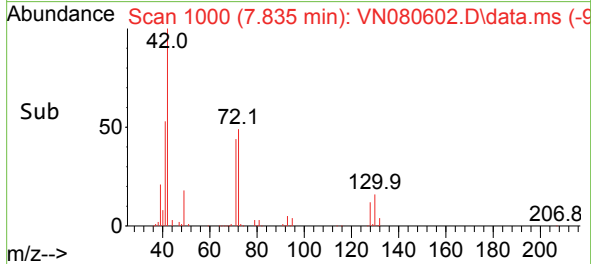
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 42 Resp: 480130
Ion Ratio Lower Upper
42 100
72 48.8 49.8 74.6
71 45.4 47.4 71.2

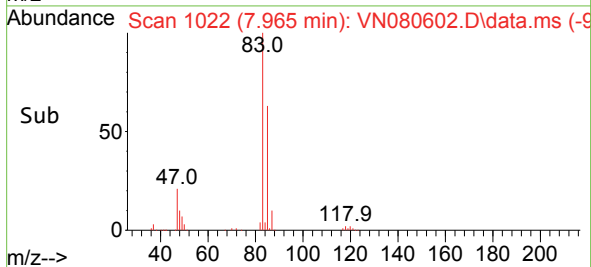
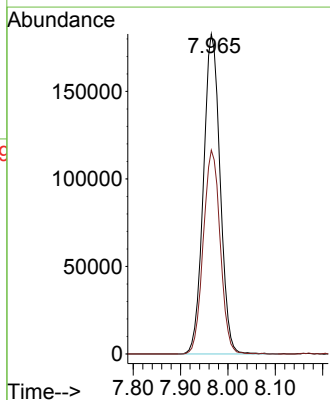
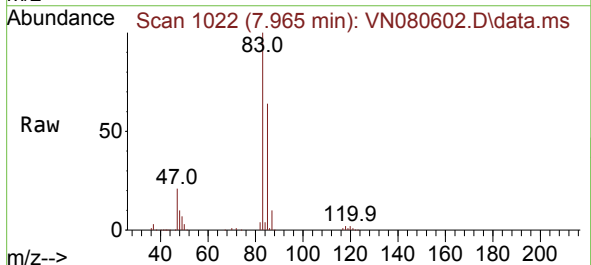
Manual Integrations
APPROVED

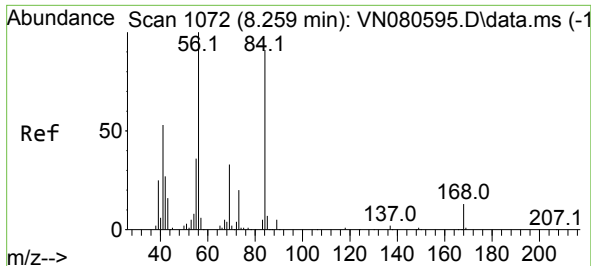
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#30
Chloroform
Concen: 46.844 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

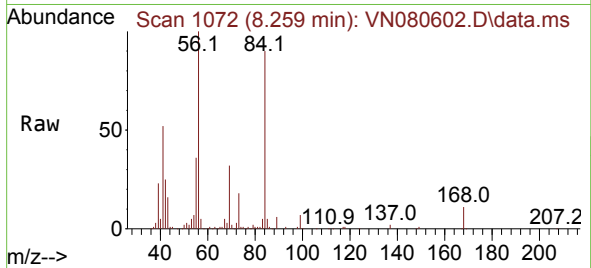
Tgt Ion: 83 Resp: 447582
Ion Ratio Lower Upper
83 100
85 63.7 55.4 83.0





#31
Cyclohexane
Concen: 44.496 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

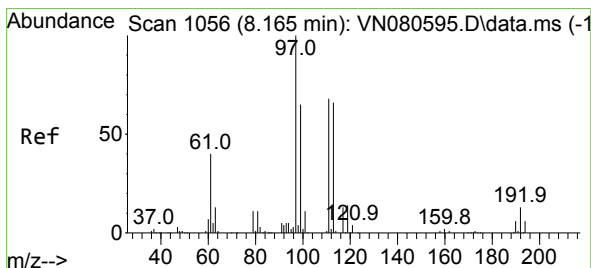
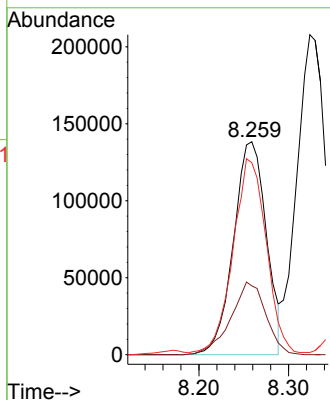
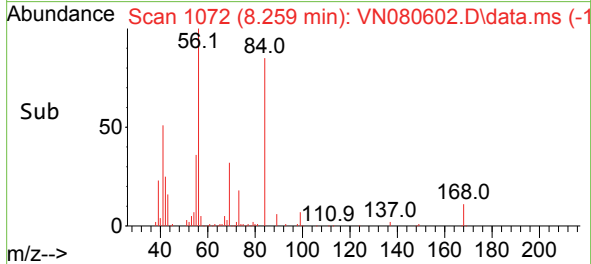
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 56 Resp: 35182
Ion Ratio Lower Upper
56 100
69 32.3 26.8 40.2
84 88.2 81.8 122.6

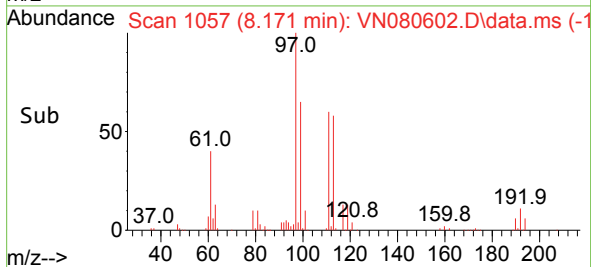
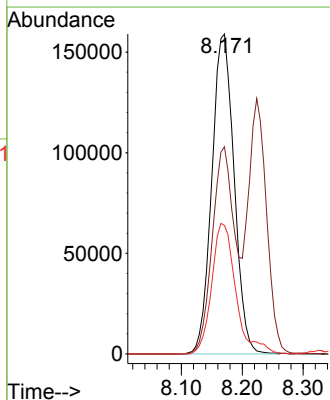
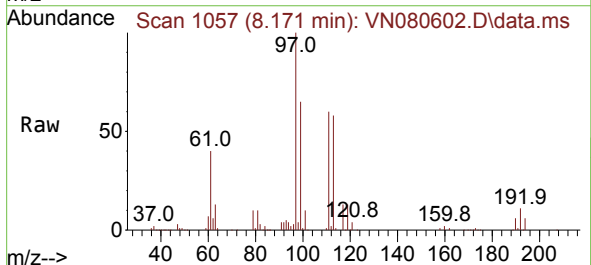
Manual Integrations
APPROVED

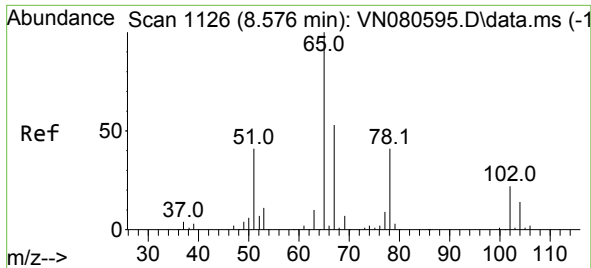
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#32
1,1,1-Trichloroethane
Concen: 47.013 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Tgt Ion: 97 Resp: 405039
Ion Ratio Lower Upper
97 100
99 66.9 50.3 75.5
61 44.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.055 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080602.D

Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122723

Tgt Ion: 65 Resp: 30421

Ion Ratio Lower Upper

65 100

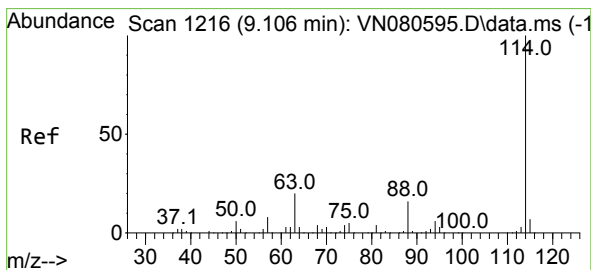
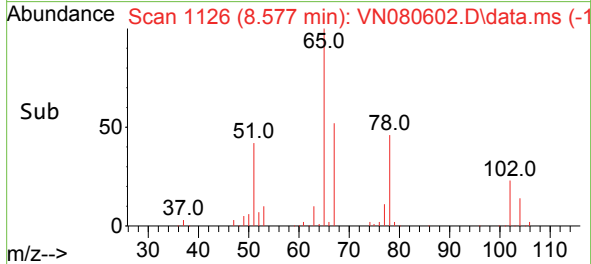
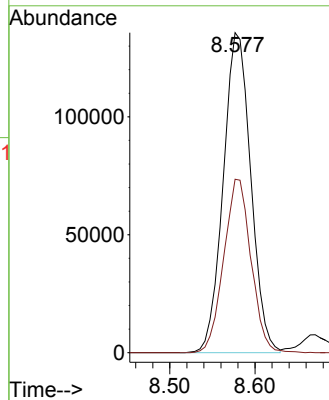
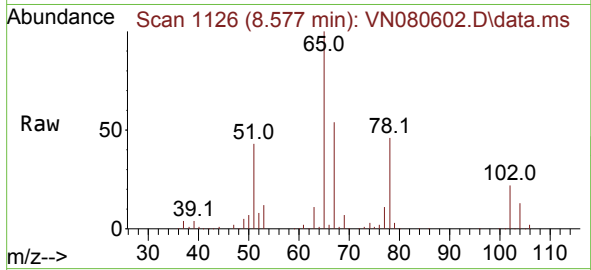
67 53.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN080602.D

Acq: 27 Dec 2023 18:02

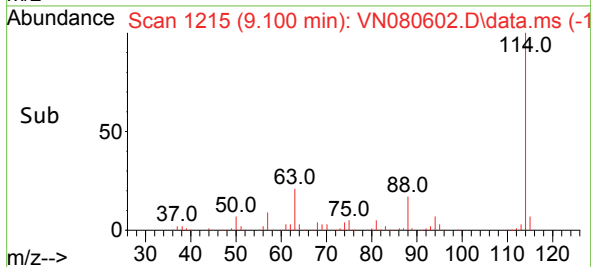
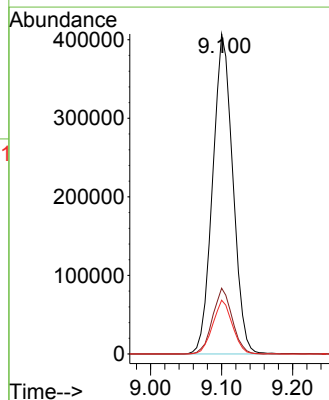
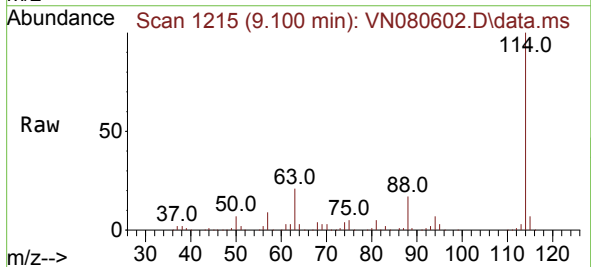
Tgt Ion:114 Resp: 804255

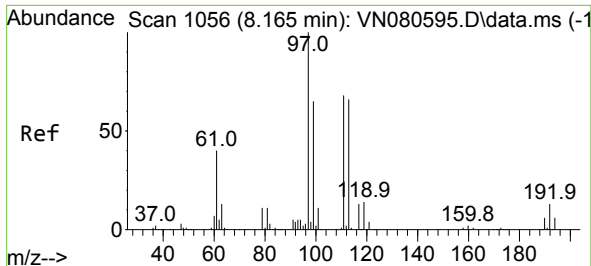
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.4

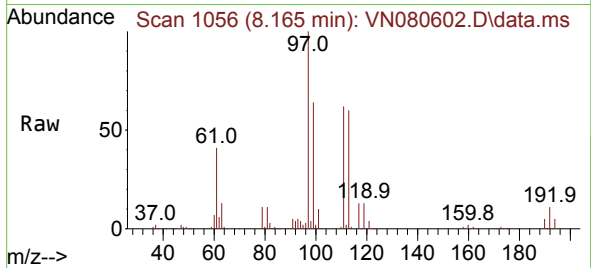
88 16.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 44.652 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

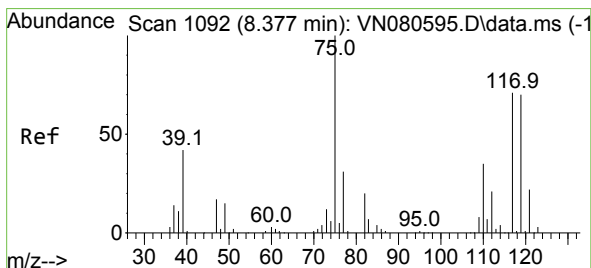
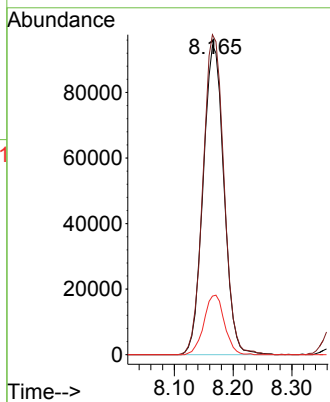
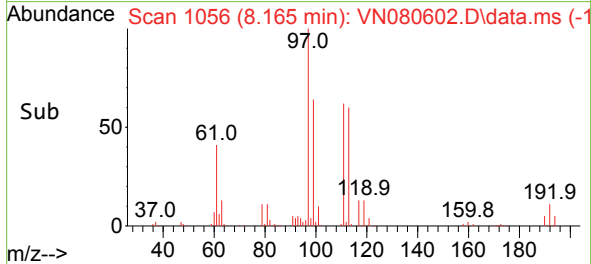
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion: 113 Resp: 23226
Ion Ratio Lower Upper
113 100
111 103.9 82.6 123.8
192 18.9 12.7 19.1

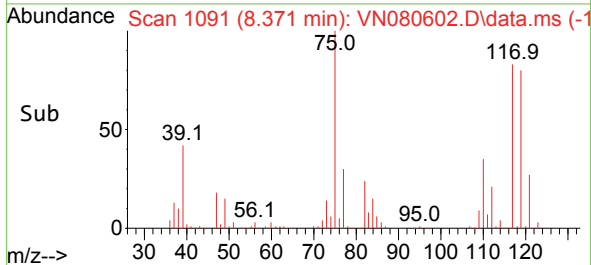
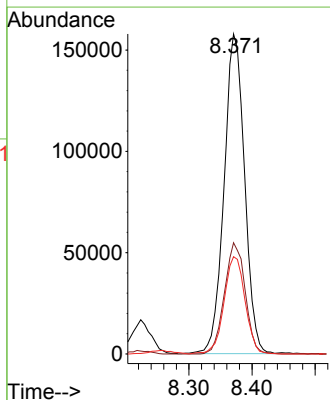
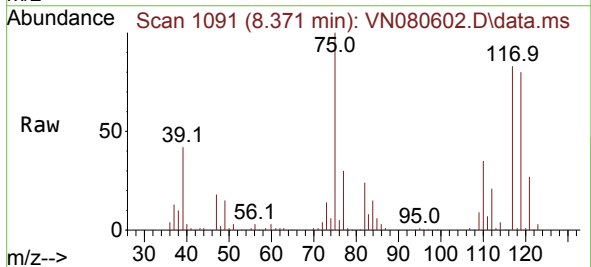
Manual Integrations
APPROVED

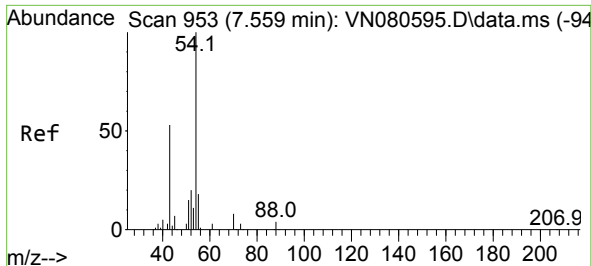
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#36
1,1-Dichloropropene
Concen: 44.518 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

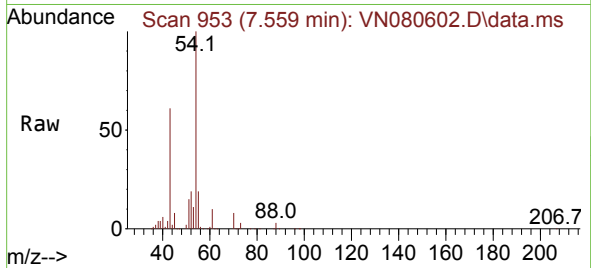
Tgt Ion: 75 Resp: 356388
Ion Ratio Lower Upper
75 100
110 35.0 19.1 57.3
77 31.2 25.0 37.4





#37
Ethyl Acetate
Concen: 46.601 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

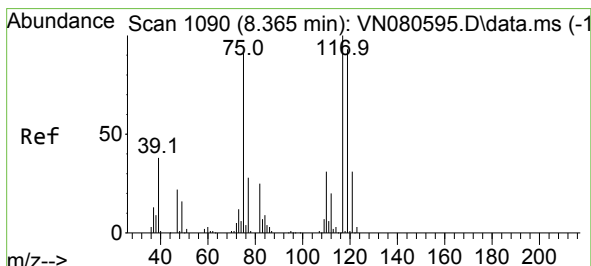
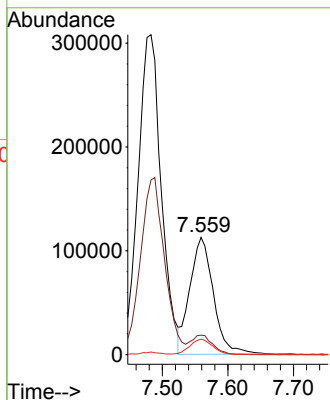
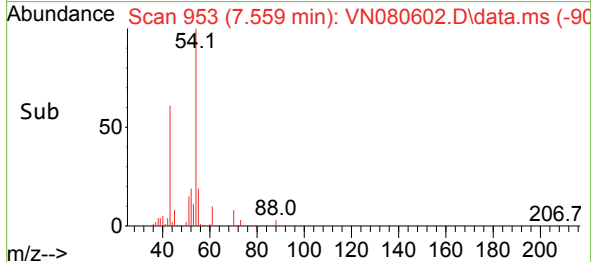
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 43 Resp: 281494
Ion Ratio Lower Upper
43 100
61 15.3 13.2 19.8
70 13.0 11.3 16.9

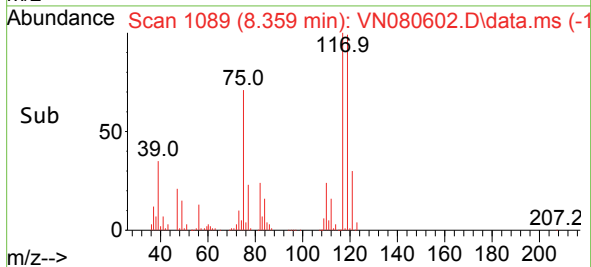
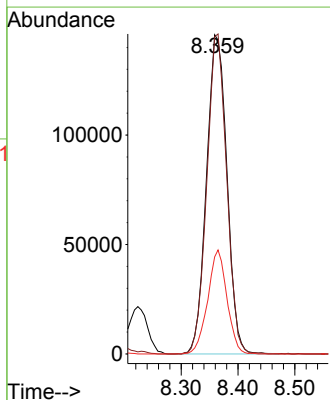
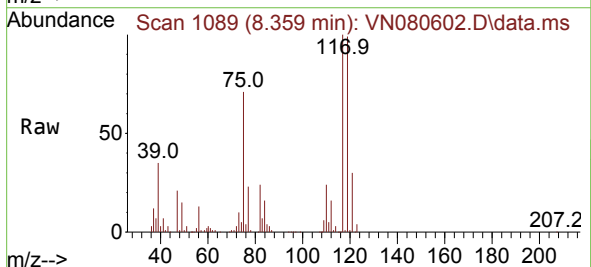
Manual Integrations
APPROVED

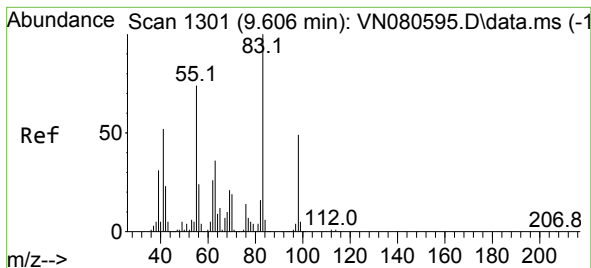
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#38
Carbon Tetrachloride
Concen: 44.474 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

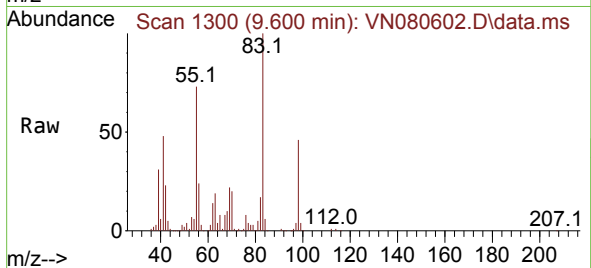
Tgt Ion:117 Resp: 364224
Ion Ratio Lower Upper
117 100
119 99.3 77.3 115.9
121 30.4 23.3 34.9





#39
Methylcyclohexane
Concen: 50.532 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

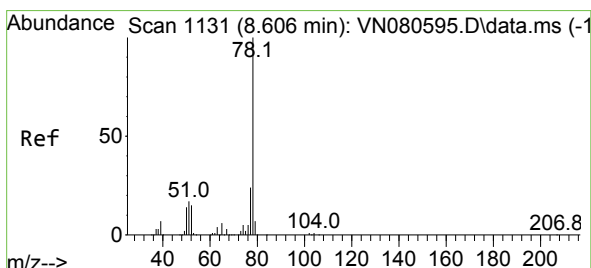
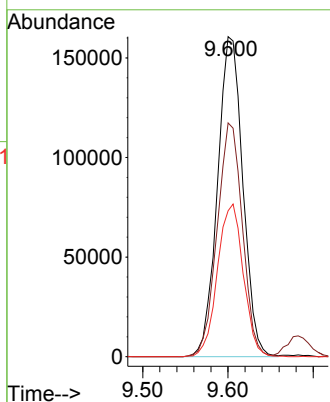
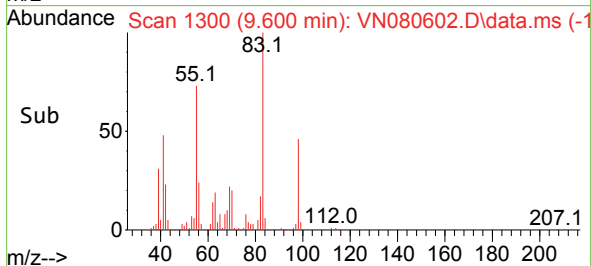
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion: 83 Resp: 331792
Ion Ratio Lower Upper
83 100
55 73.0 49.1 73.7
98 45.6 40.6 61.0

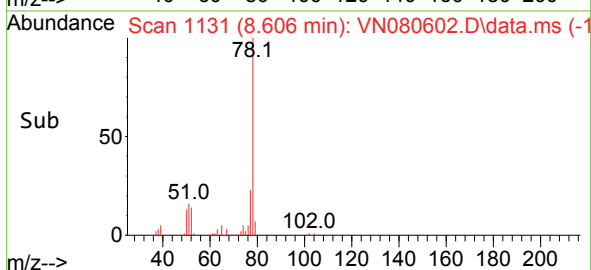
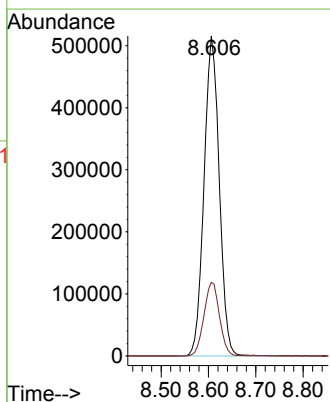
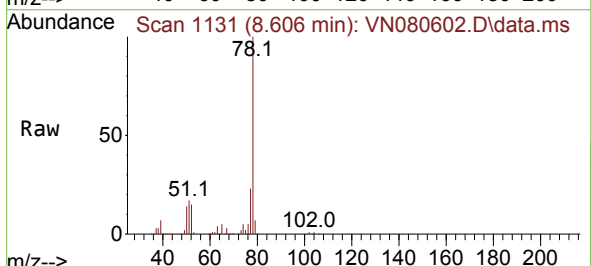
Manual Integrations
APPROVED

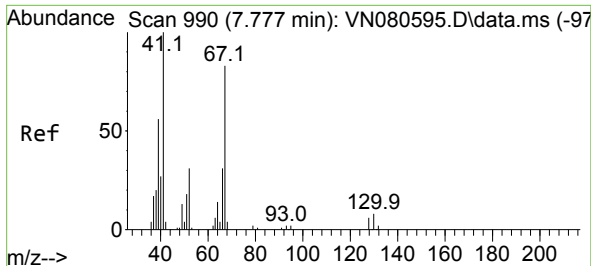
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#40
Benzene
Concen: 49.205 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

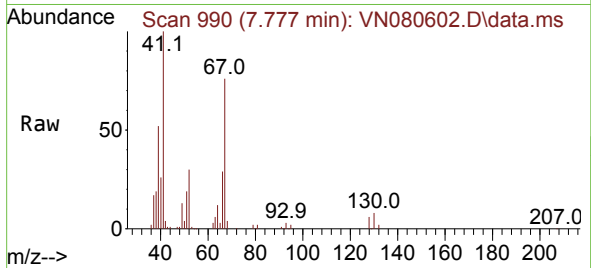
Tgt Ion: 78 Resp: 1148514
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 47.845 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

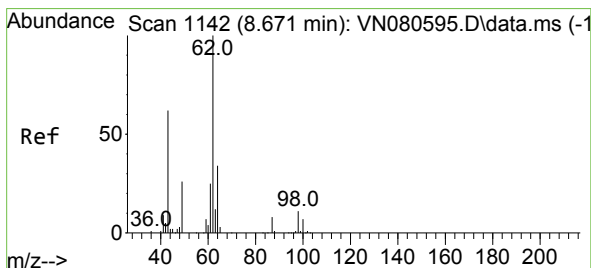
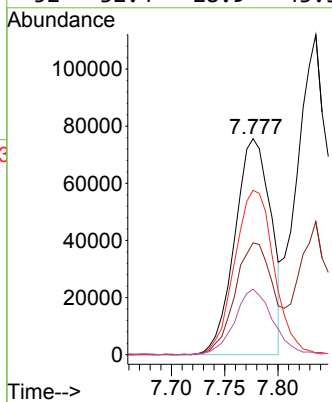
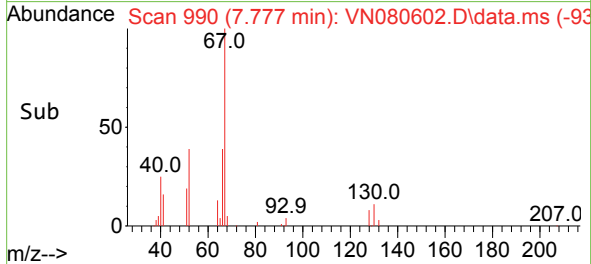
Instrument :
MSVOA_N
ClientSampleId :
ICVNV122723



Tgt Ion: 41 Resp: 178225
Ion Ratio Lower Upper
41 100
39 55.9 42.6 64.0
67 83.2 77.5 116.3
52 32.4 28.9 43.3

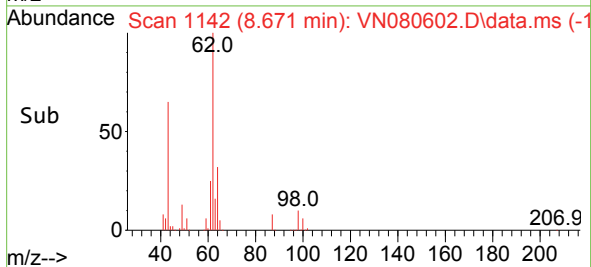
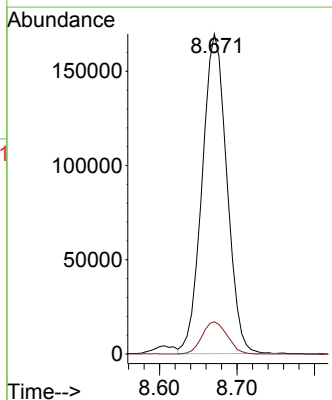
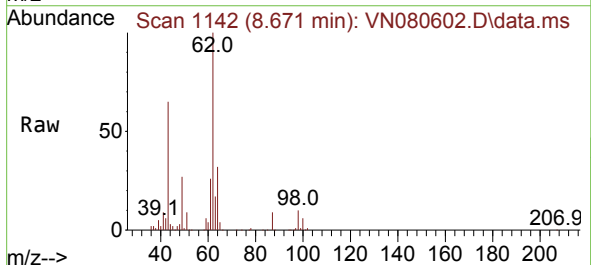
Manual Integrations
APPROVED

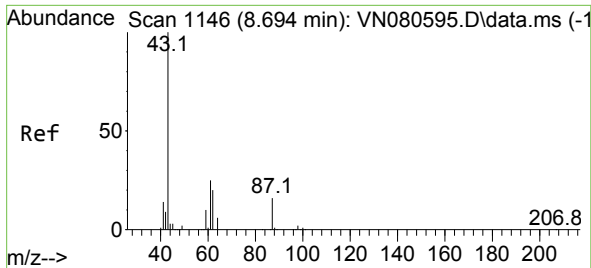
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#42
1,2-Dichloroethane
Concen: 50.644 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

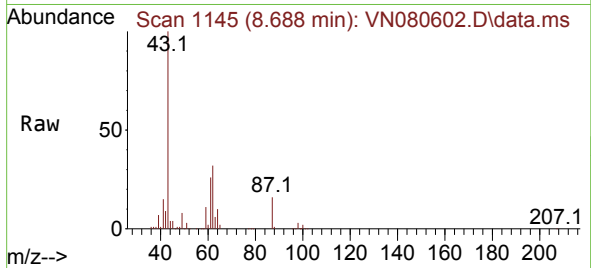
Tgt Ion: 62 Resp: 375646
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 55.035 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

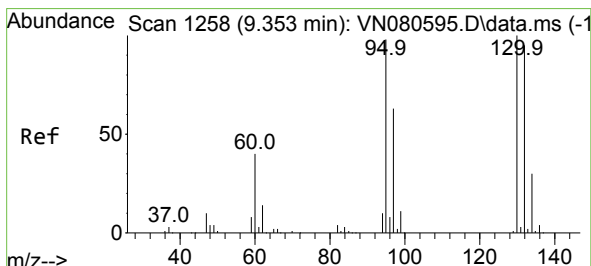
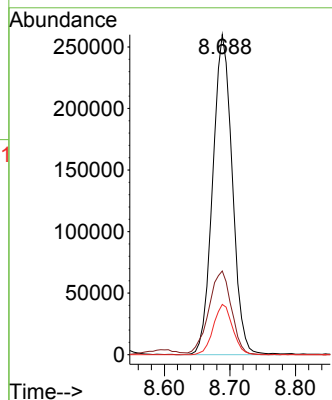
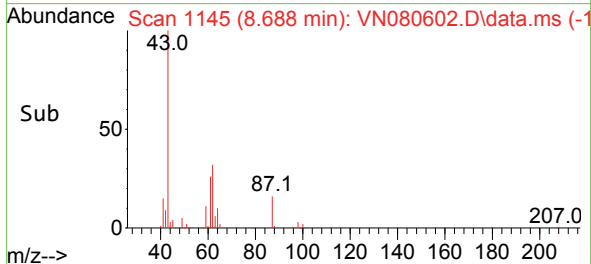
Instrument :
MSVOA_N
ClientSampleId :
ICVNV122723



Tgt Ion: 43 Resp: 53883
Ion Ratio Lower Upper
43 100
61 30.2 24.7 37.1
87 15.4 14.6 21.8

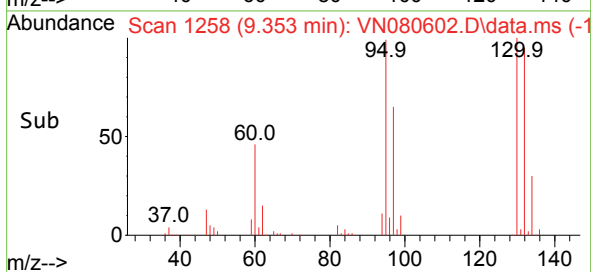
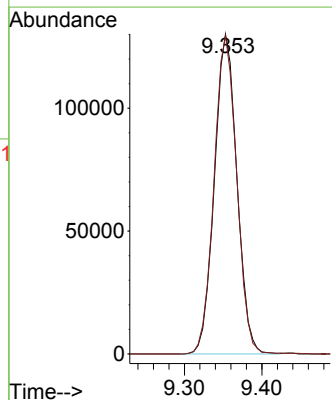
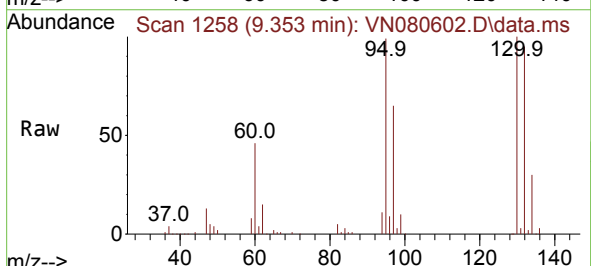
Manual Integrations
APPROVED

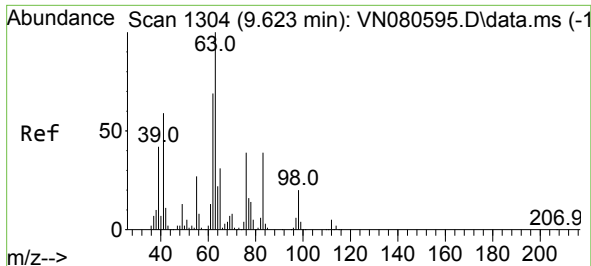
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#44
Trichloroethene
Concen: 43.908 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Tgt Ion:130 Resp: 262382
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.222 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN080602.D

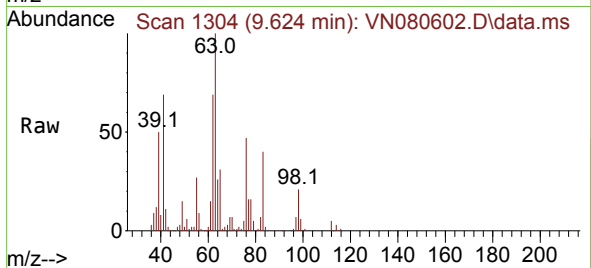
Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122723



Tgt Ion: 63 Resp: 25691

Ion Ratio Lower Upper

63 100

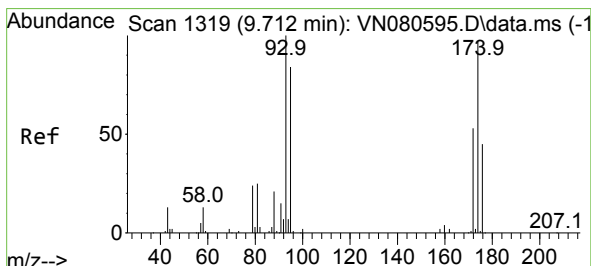
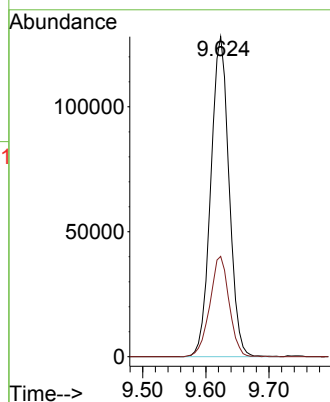
65 31.3 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#46

Dibromomethane

Concen: 48.542 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080602.D

Acq: 27 Dec 2023 18:02

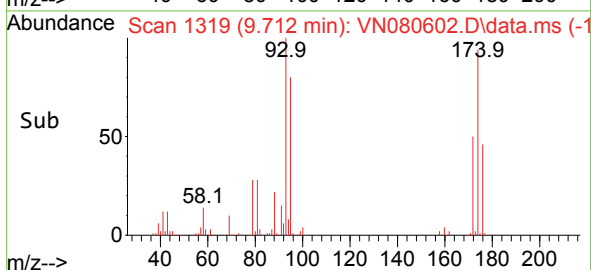
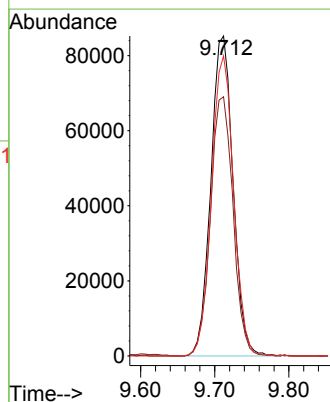
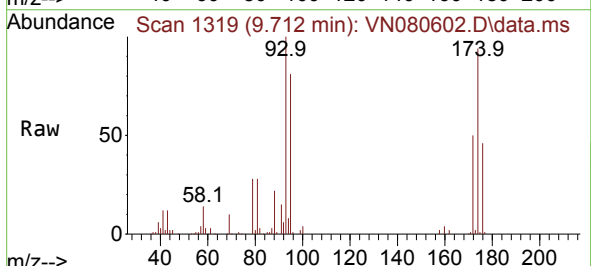
Tgt Ion: 93 Resp: 177690

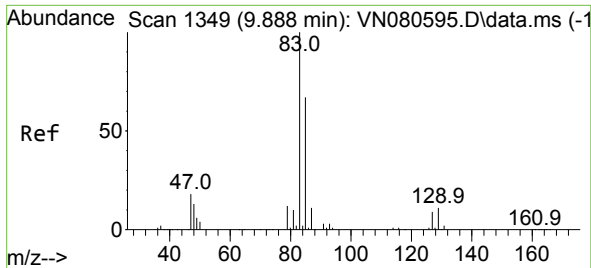
Ion Ratio Lower Upper

93 100

95 82.2 63.8 95.8

174 93.4 65.6 98.4





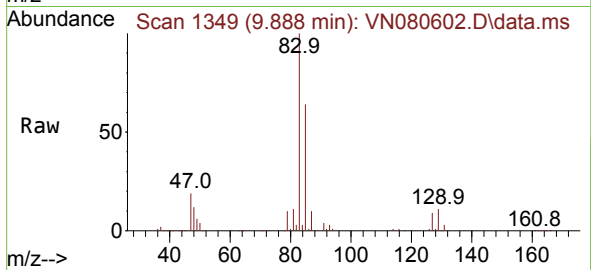
#47
Bromodichloromethane
Concen: 48.778 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

ICVVN122723

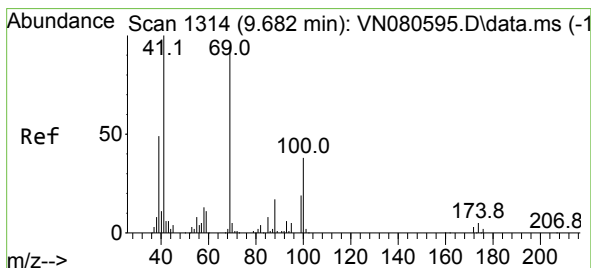
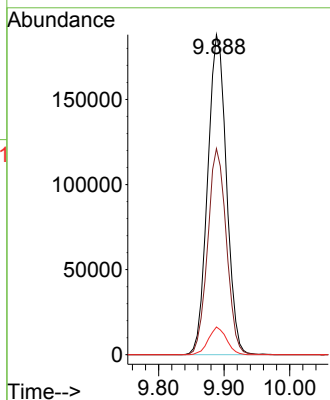
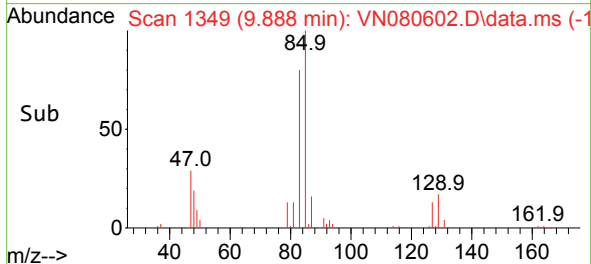


Tgt Ion: 83 Resp: 374270
Ion Ratio Lower Upper
83 100
85 64.4 49.6 74.4
127 8.7 7.0 10.6

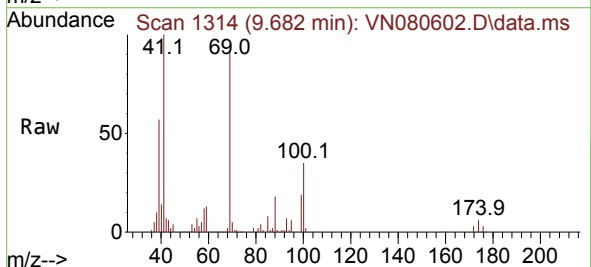
Manual Integrations

APPROVED

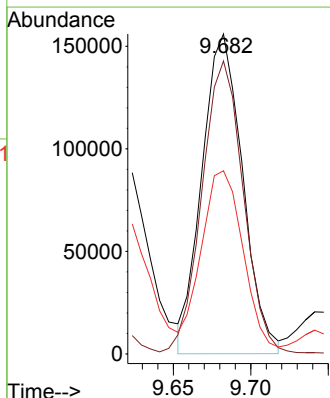
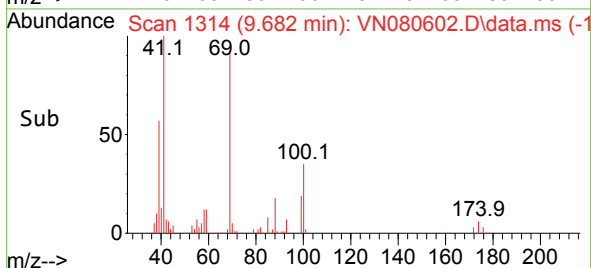
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

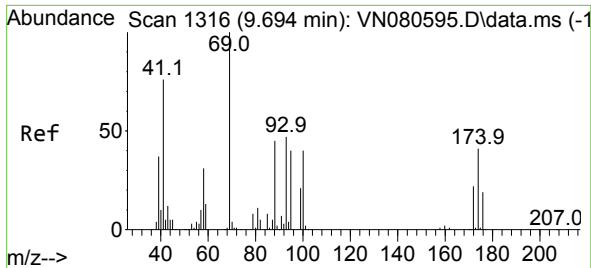


#48
Methyl methacrylate
Concen: 52.290 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



Tgt Ion: 41 Resp: 284261
Ion Ratio Lower Upper
41 100
69 93.9 90.4 135.6
39 59.7 54.6 81.8





#49

1,4-Dioxane

Concen: 1005.323 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN080602.D

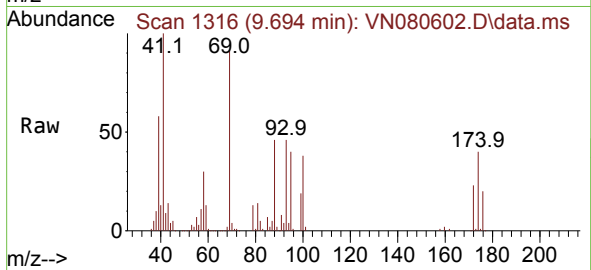
Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

ICNVN122723



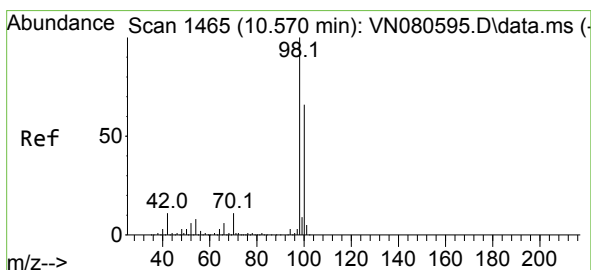
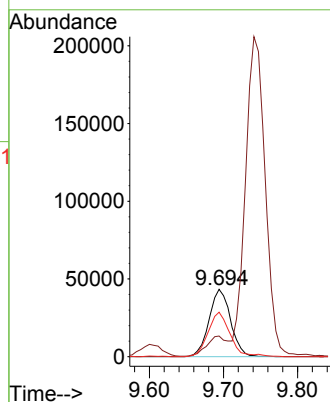
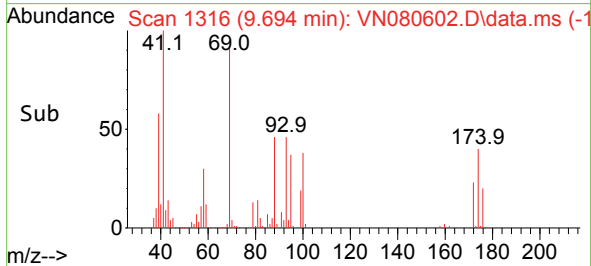
Tgt Ion:	88	Resp:	87354
Ion Ratio	Lower	Upper	
88	100		
43	28.3	17.0	25.6
58	67.8	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#50

Toluene-d8

Concen: 50.253 ug/l

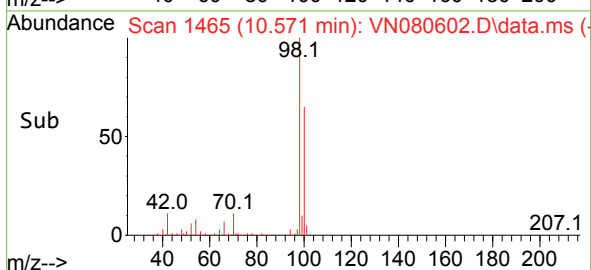
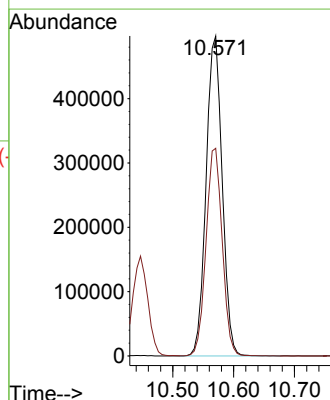
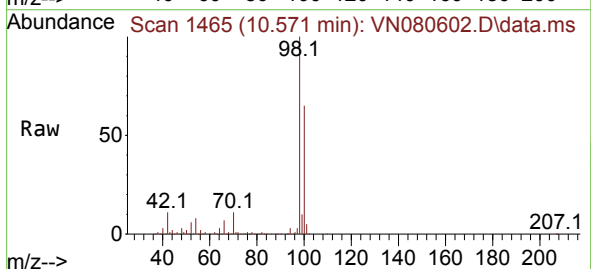
RT: 10.571 min Scan# 1465

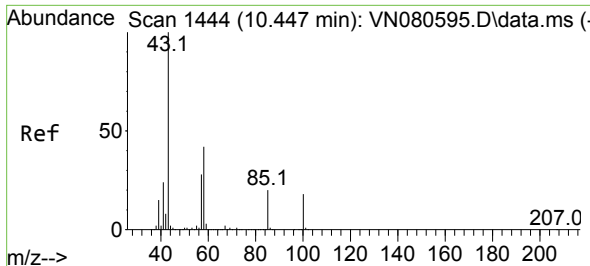
Delta R.T. 0.000 min

Lab File: VN080602.D

Acq: 27 Dec 2023 18:02

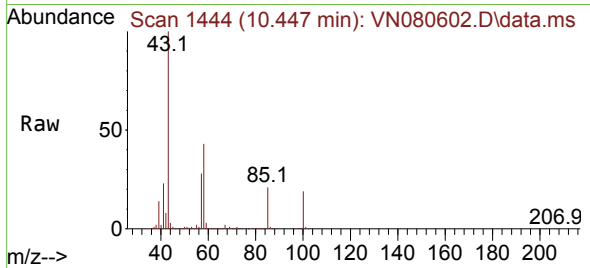
Tgt Ion:	98	Resp:	912660
Ion Ratio	Lower	Upper	
98	100		
100	65.3	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 262.783 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

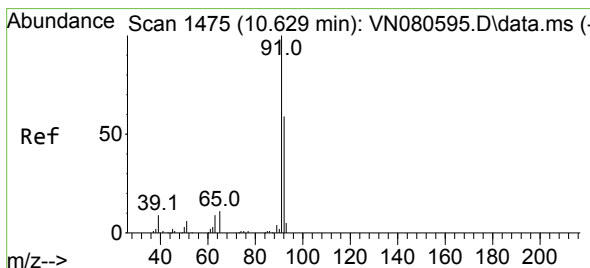
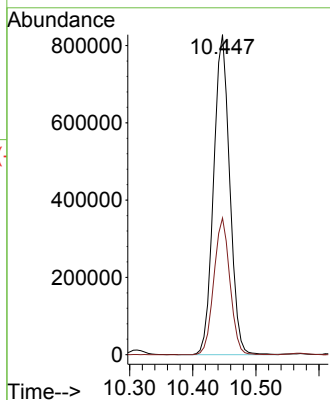
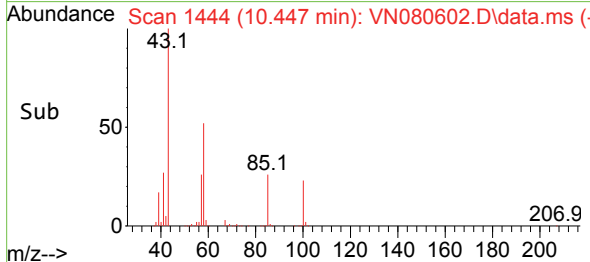
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 43 Resp: 1463354
Ion Ratio Lower Upper
43 100
58 42.6 36.6 54.8

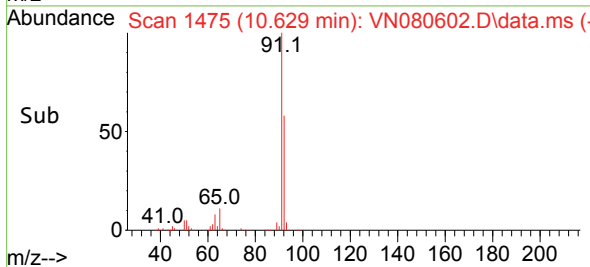
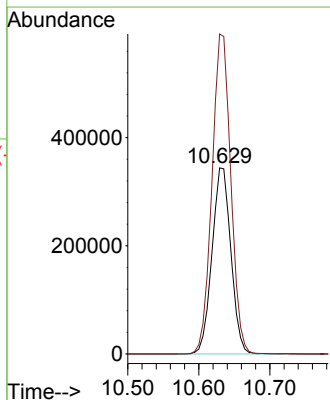
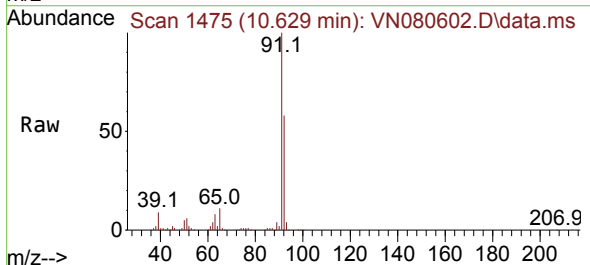
Manual Integrations
APPROVED

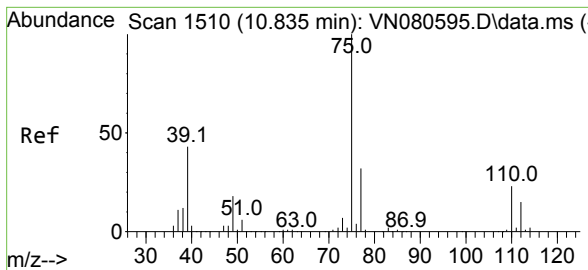
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#52
Toluene
Concen: 49.740 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

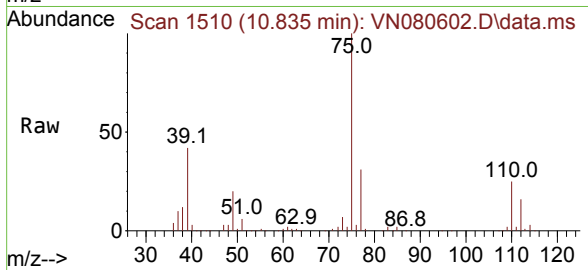
Tgt Ion: 92 Resp: 633108
Ion Ratio Lower Upper
92 100
91 171.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 51.551 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

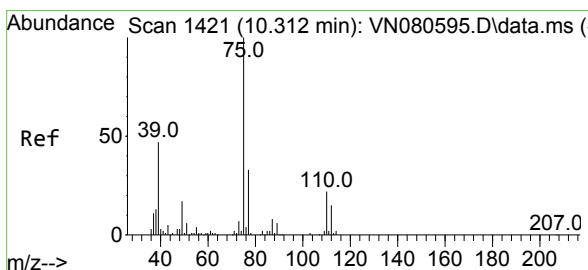
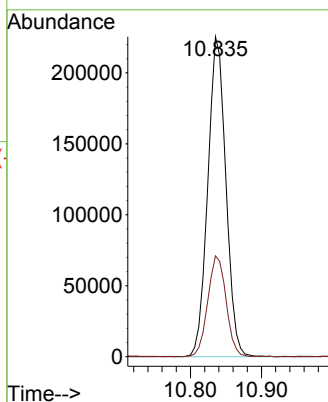
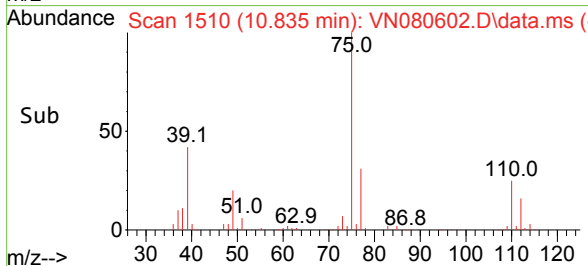
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 75 Resp: 398768
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

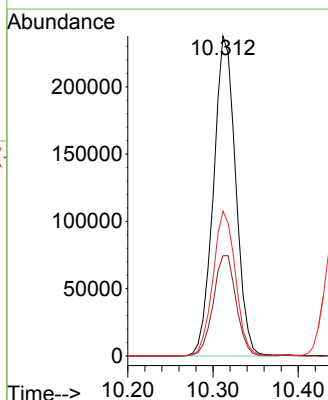
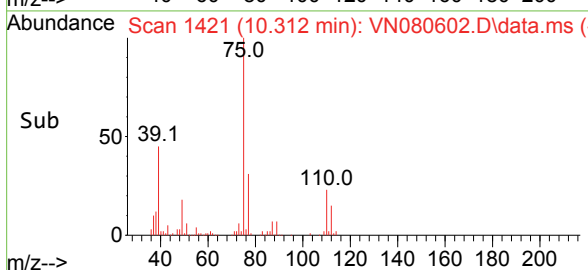
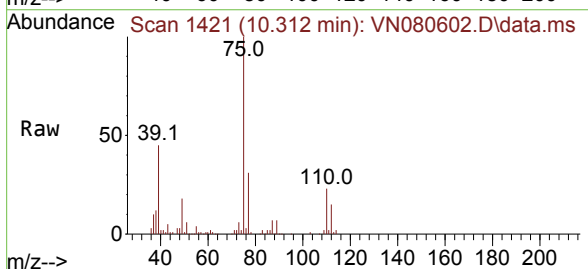
Manual Integrations
APPROVED

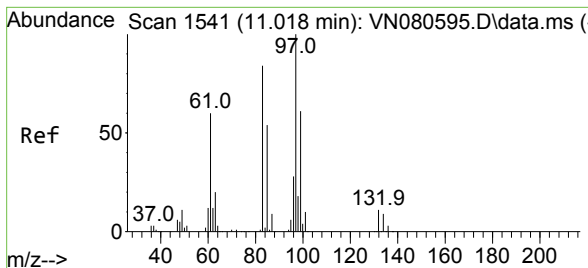
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#54
cis-1,3-Dichloropropene
Concen: 49.757 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

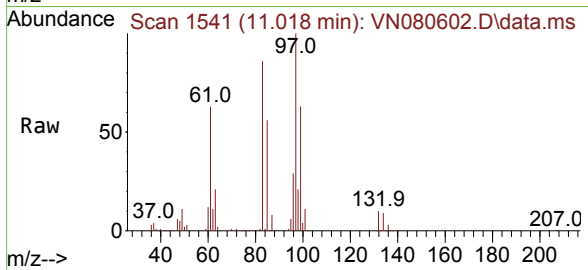
Tgt Ion: 75 Resp: 430765
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 45.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.013 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

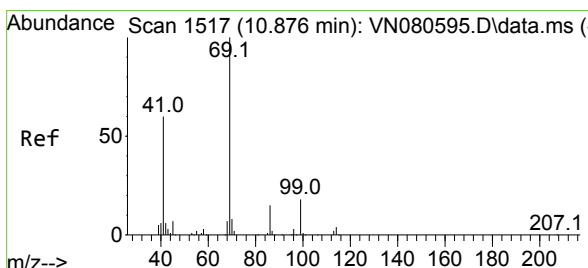
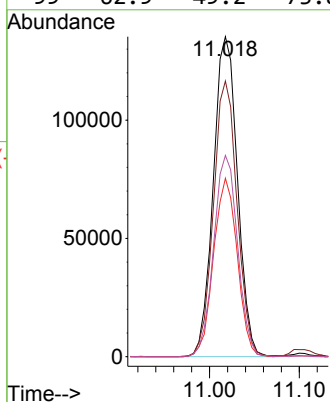
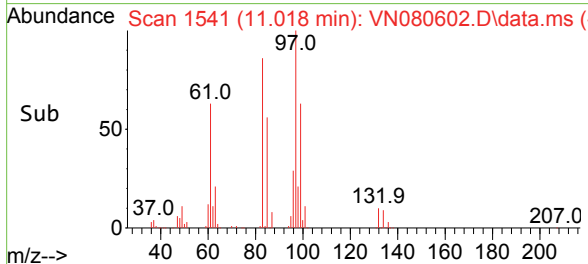
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



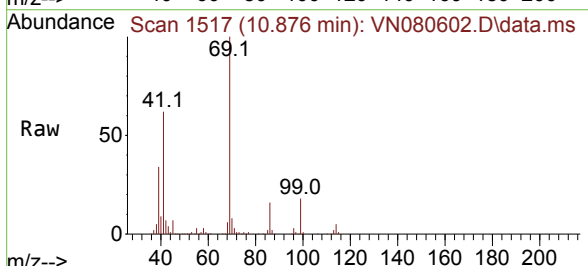
Tgt Ion:	97	Resp:	25251
Ion	Ratio	Lower	Upper
97	100		
83	86.2	65.1	97.7
85	55.8	43.4	65.2
99	62.9	49.2	73.8

Manual Integrations
APPROVED

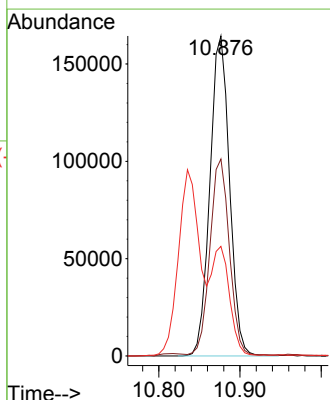
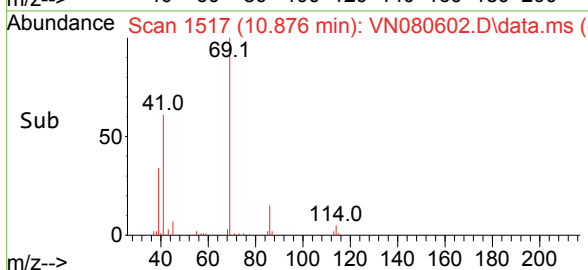
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

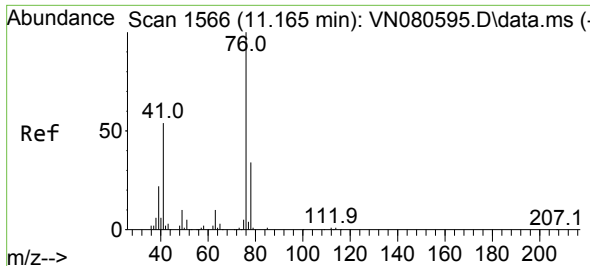


#56
Ethyl methacrylate
Concen: 55.783 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



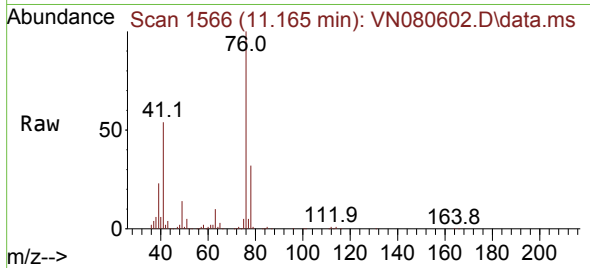
Tgt Ion:	69	Resp:	275873
Ion	Ratio	Lower	Upper
69	100		
41	60.6	39.6	59.4
39	31.3	28.6	43.0





#57
1,3-Dichloropropane
Concen: 50.557 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

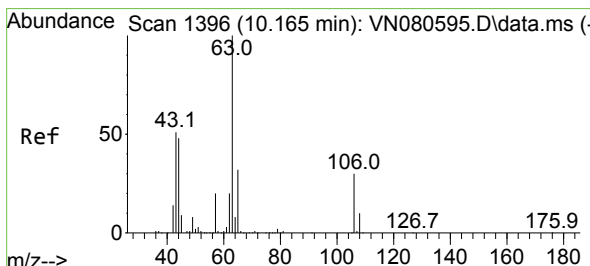
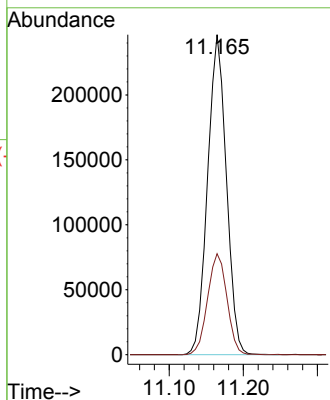
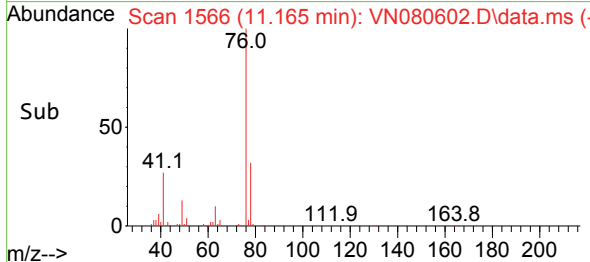
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 76 Resp: 43249
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

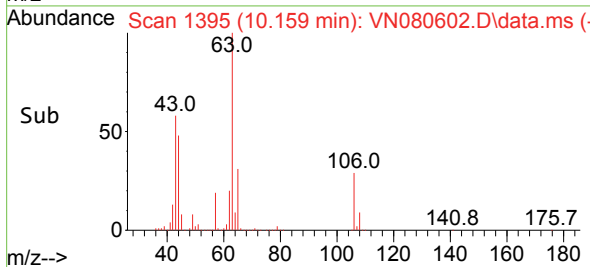
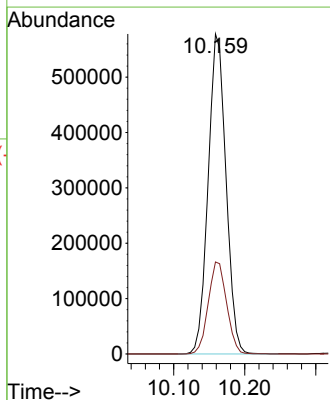
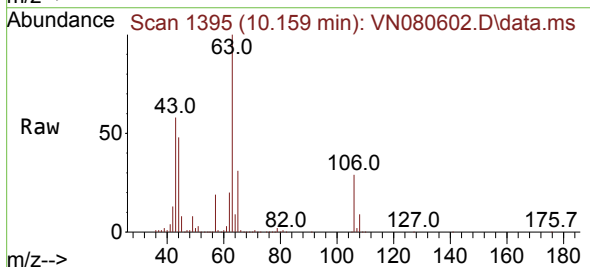
Manual Integrations
APPROVED

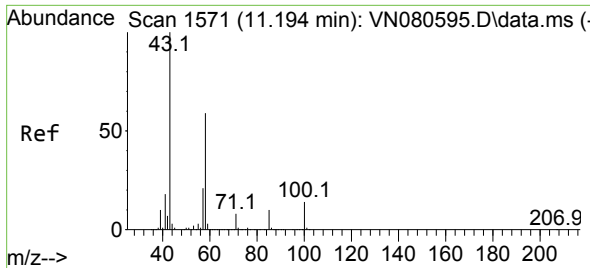
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#58
2-Chloroethyl Vinyl ether
Concen: 289.086 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

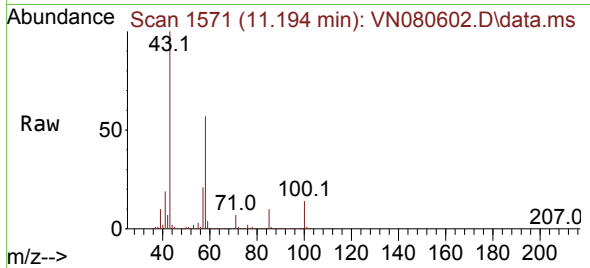
Tgt Ion: 63 Resp: 1009608
Ion Ratio Lower Upper
63 100
106 29.6 26.2 39.4





#59
2-Hexanone
Concen: 261.511 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

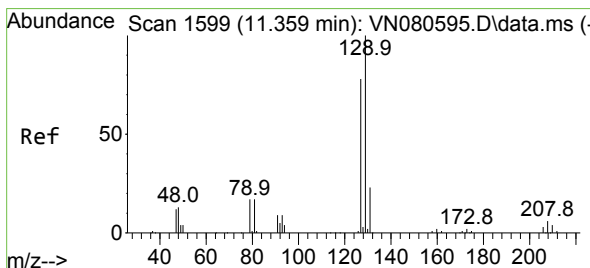
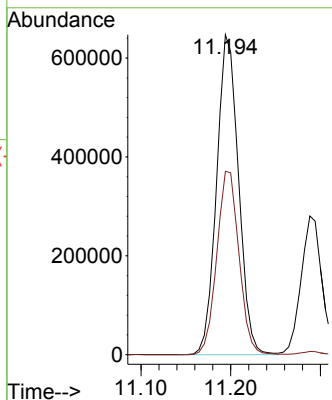
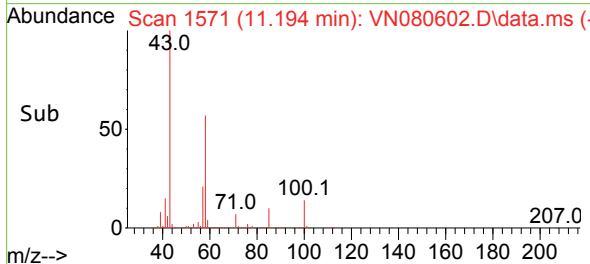
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



Tgt Ion: 43 Resp: 109758
Ion Ratio Lower Upper
43 100
58 58.0 31.7 95.1

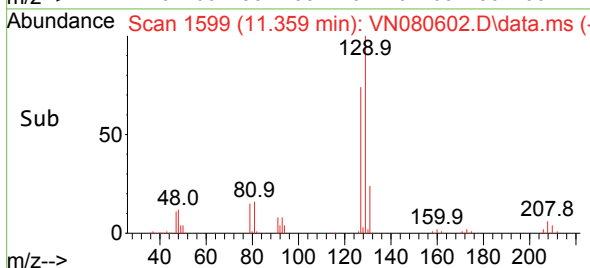
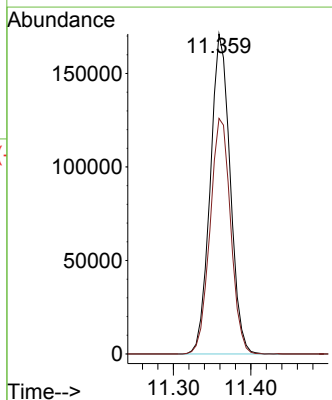
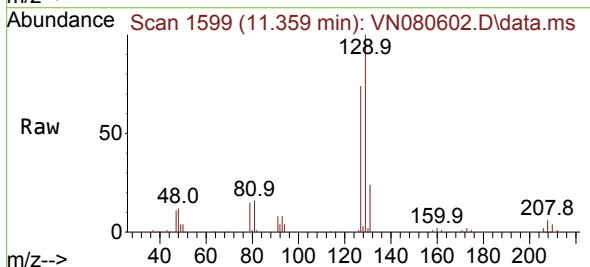
Manual Integrations
APPROVED

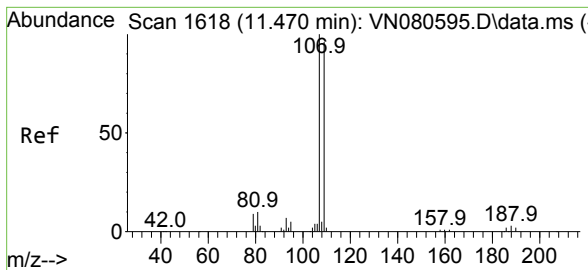
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#60
Dibromochloromethane
Concen: 54.282 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

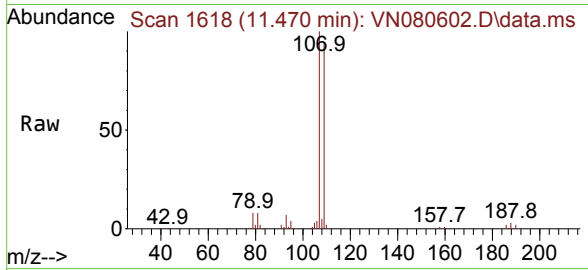
Tgt Ion:129 Resp: 305182
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.240 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

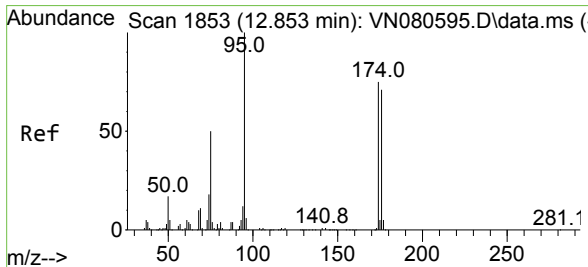
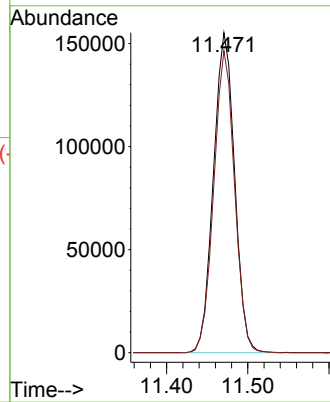
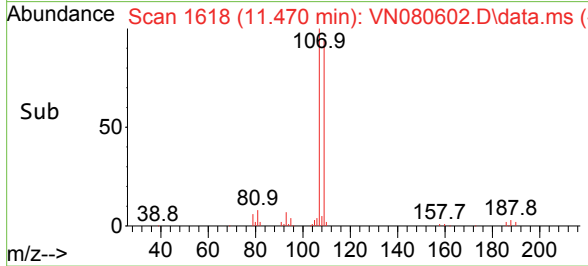
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion:107 Resp: 281208
Ion Ratio Lower Upper
107 100
109 92.9 76.6 114.8

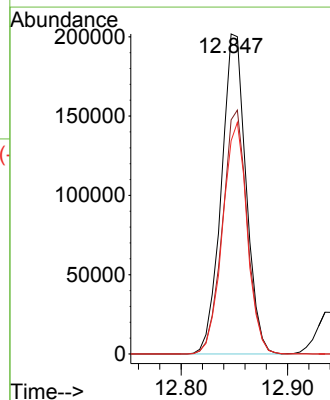
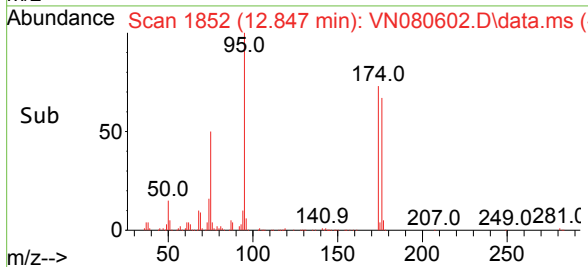
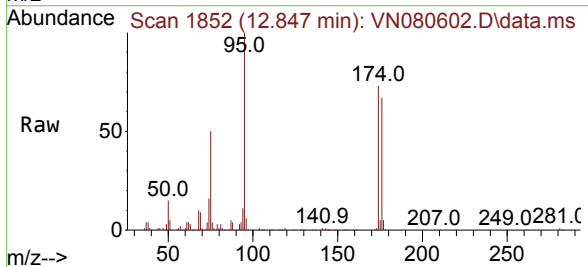
Manual Integrations
APPROVED

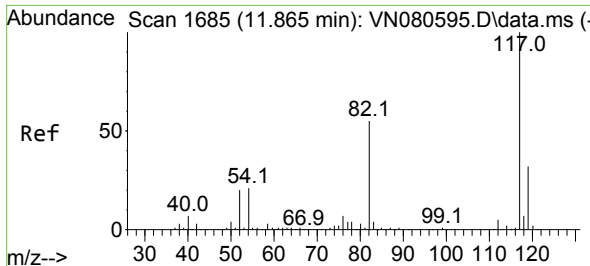
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#62
4-Bromofluorobenzene
Concen: 53.112 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

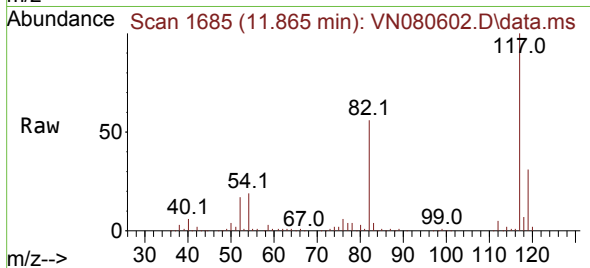
Tgt Ion: 95 Resp: 324629
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

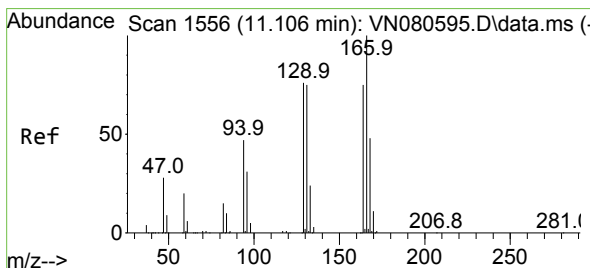
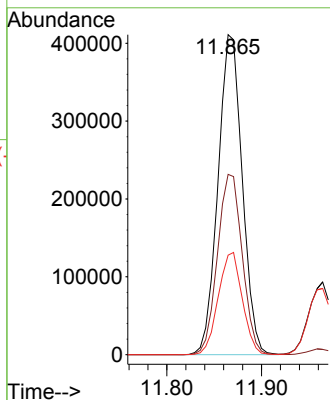
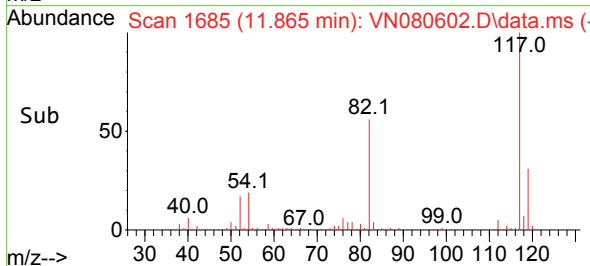
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



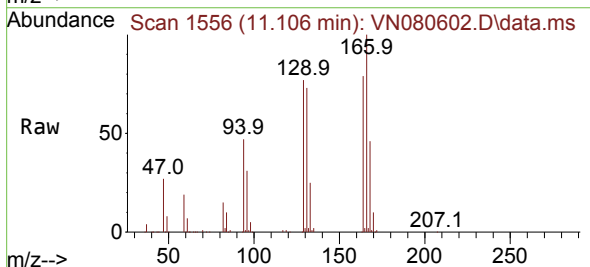
Tgt Ion:117 Resp: 731618
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 31.1 25.6 38.4

Manual Integrations
APPROVED

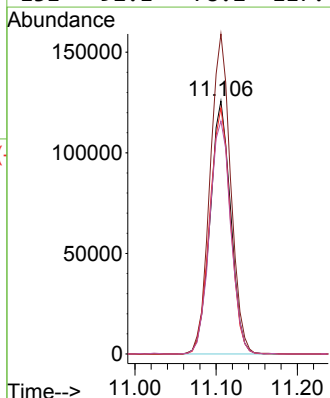
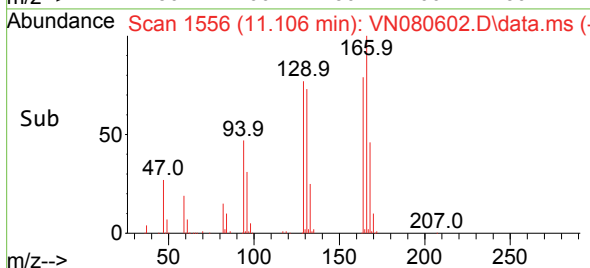
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

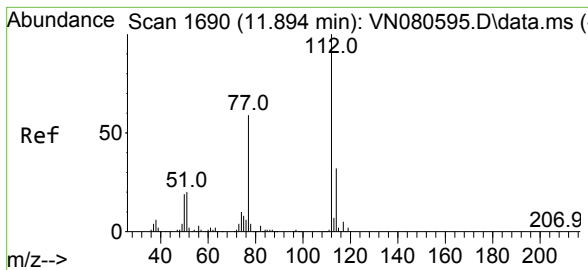


#64
Tetrachloroethene
Concen: 45.250 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



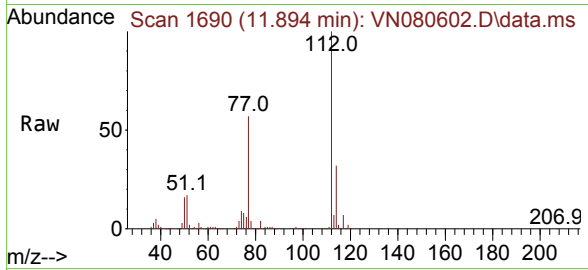
Tgt Ion:164 Resp: 221211
Ion Ratio Lower Upper
164 100
166 126.5 101.4 152.0
129 97.3 82.4 123.6
131 92.1 78.2 117.4





#65
Chlorobenzene
Concen: 48.996 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

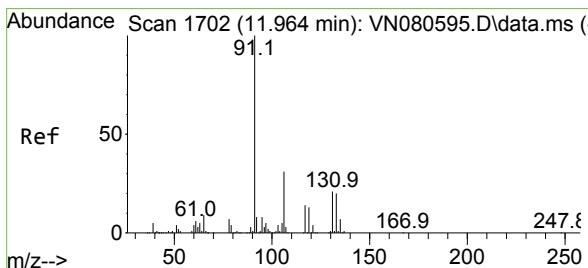
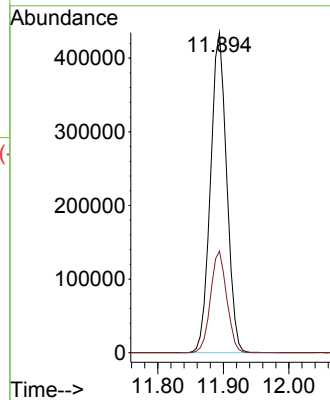
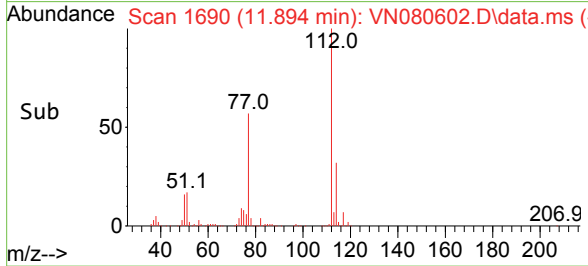
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion:112 Resp: 745719
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4

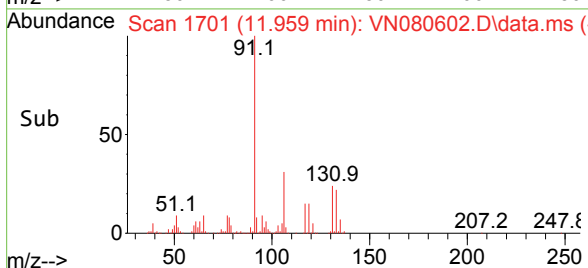
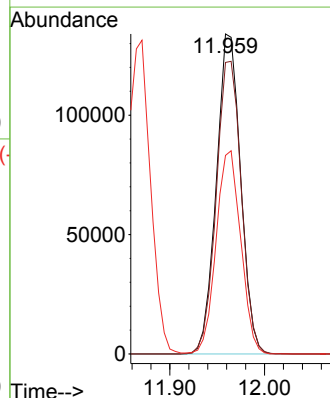
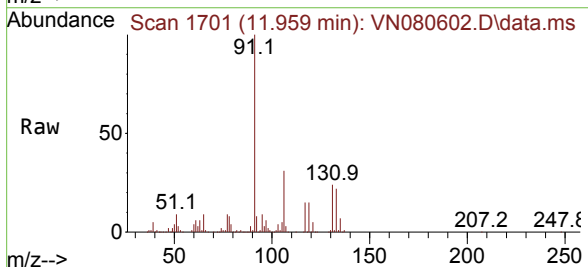
Manual Integrations
APPROVED

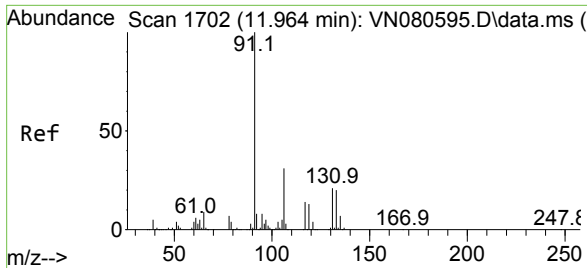
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 40.821 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

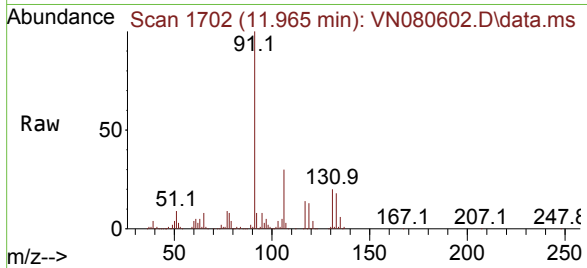
Tgt Ion:131 Resp: 238983
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 64.4 34.1 102.2





#67
Ethyl Benzene
Concen: 44.174 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

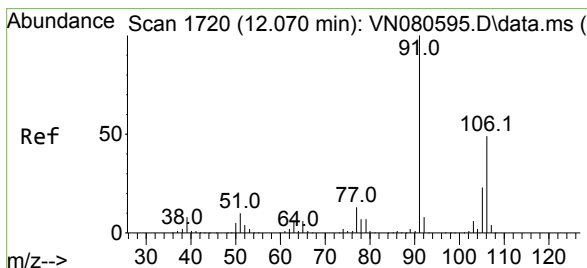
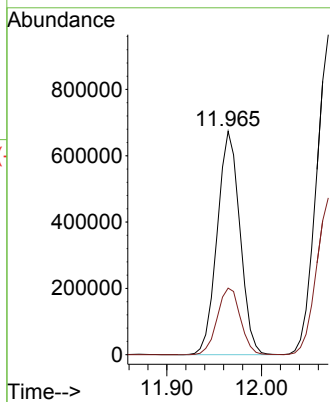
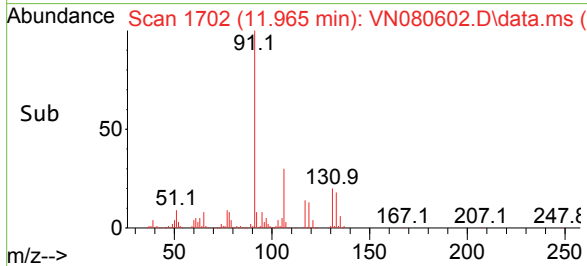
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



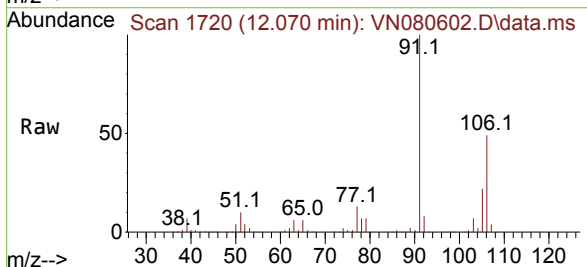
Tgt Ion: 91 Resp: 1124004
Ion Ratio Lower Upper
91 100
106 29.8 25.6 38.4

Manual Integrations
APPROVED

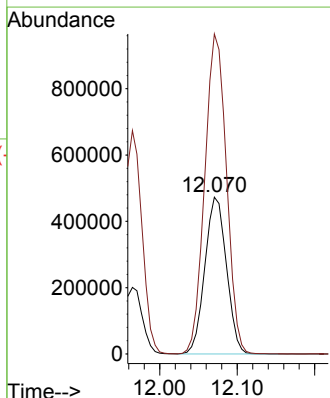
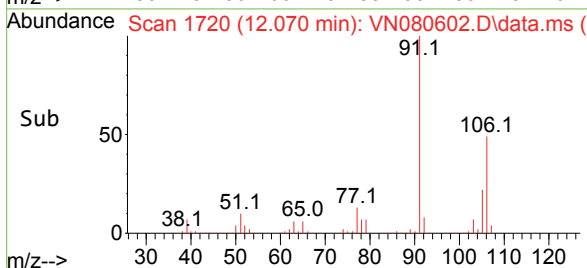
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

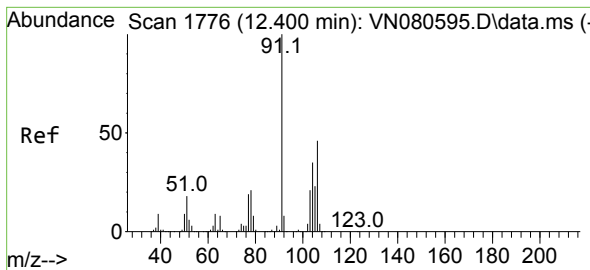


#68
m/p-Xylenes
Concen: 97.006 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



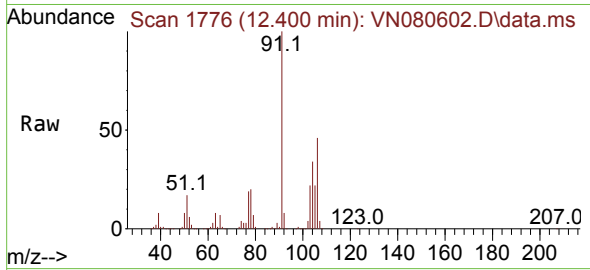
Tgt Ion:106 Resp: 915853
Ion Ratio Lower Upper
106 100
91 205.0 159.6 239.4





#69
o-Xylene
Concen: 52.038 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

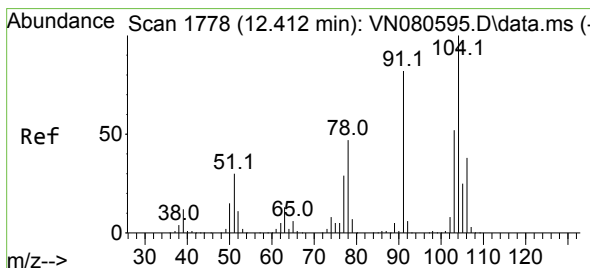
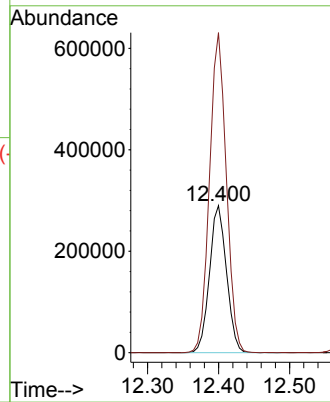
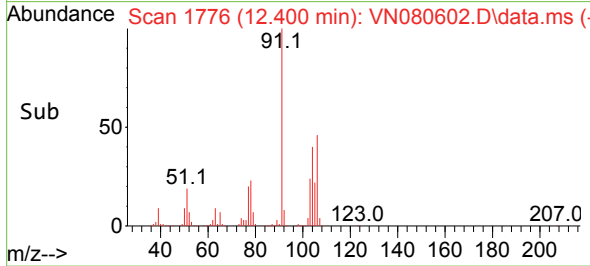
Instrument :
MSVOA_N
ClientSampleId :
ICVFN122723



Tgt Ion:106 Resp: 482529
Ion Ratio Lower Upper
106 100
91 215.0 105.2 315.5

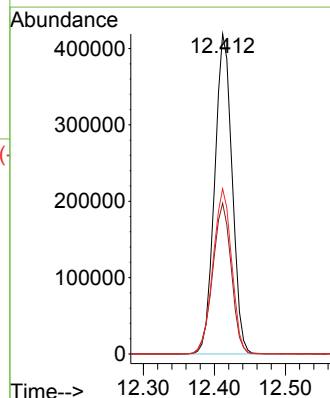
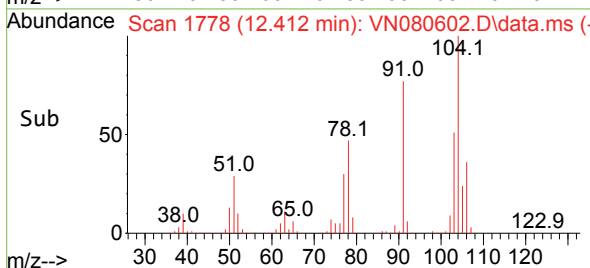
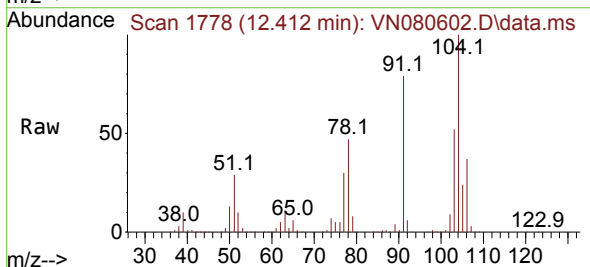
Manual Integrations
APPROVED

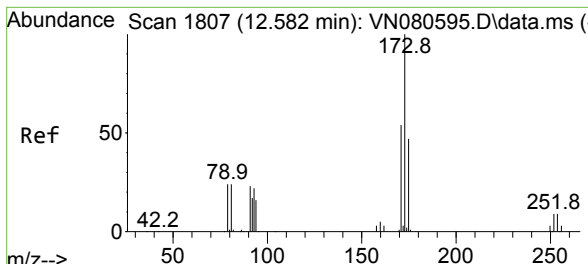
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#70
Styrene
Concen: 53.035 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

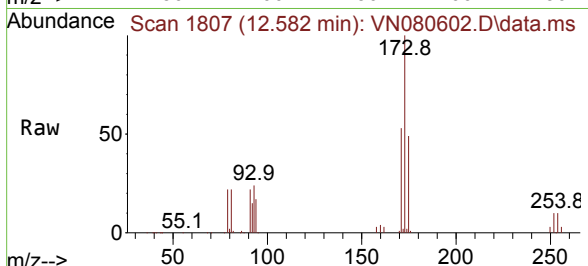
Tgt Ion:104 Resp: 715129
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 55.1 43.2 64.8





#71
 Bromoform
 Concen: 44.296 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

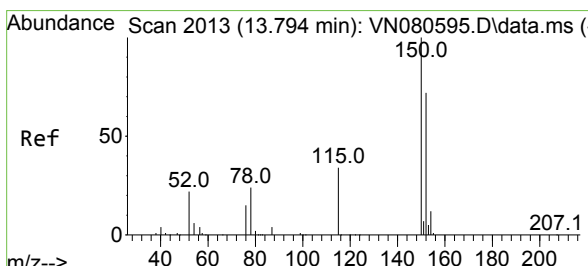
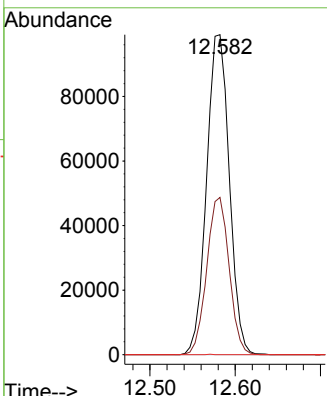
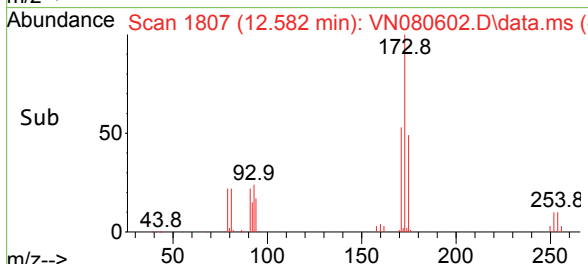
Instrument : MSVOA_N
 ClientSampleId : ICVVN122723



Tgt Ion:	173	Resp:	183450
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.3	73.0
254	0.0	0.0	0.0

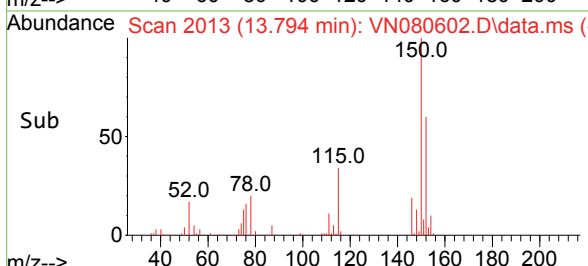
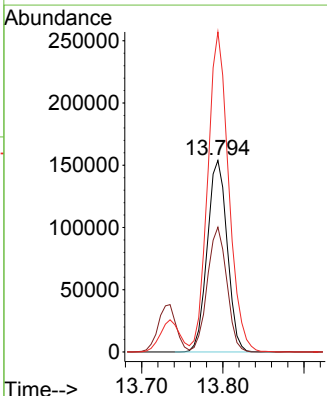
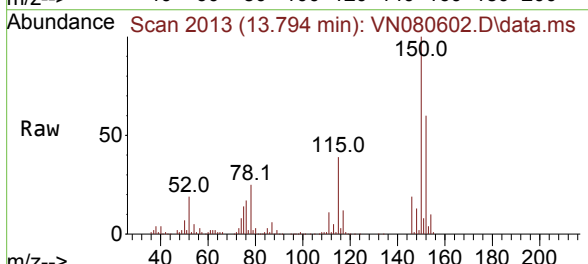
Manual Integrations
 APPROVED

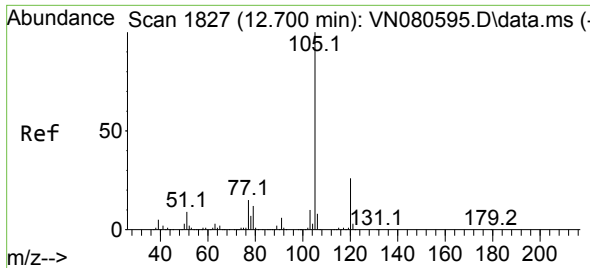
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

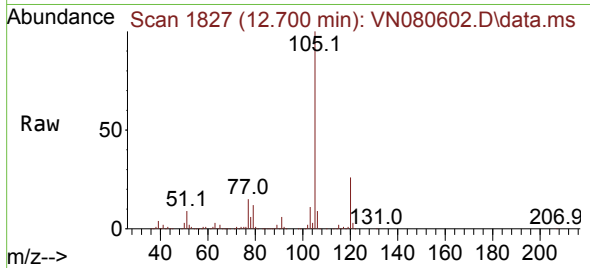
Tgt Ion:	152	Resp:	262160
Ion Ratio	Lower	Upper	
152	100		
115	63.6	32.3	96.8
150	175.5	0.0	355.8





#73
Isopropylbenzene
Concen: 67.071 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

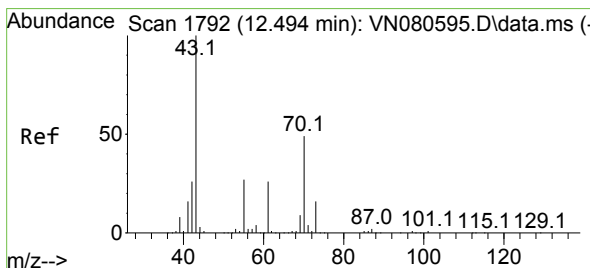
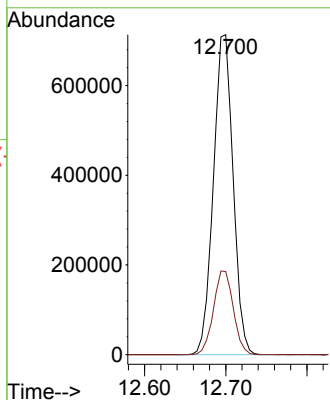
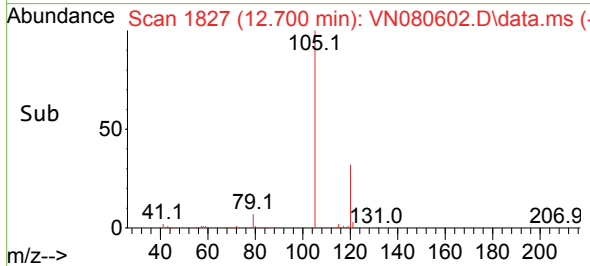
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



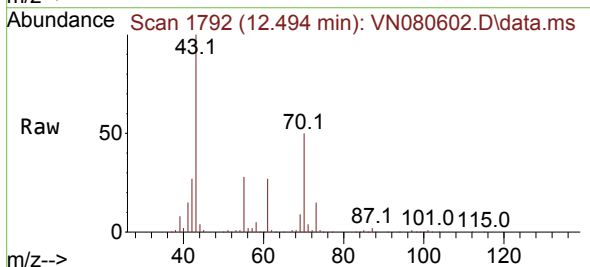
Tgt Ion:105 Resp: 120346
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1

Manual Integrations
APPROVED

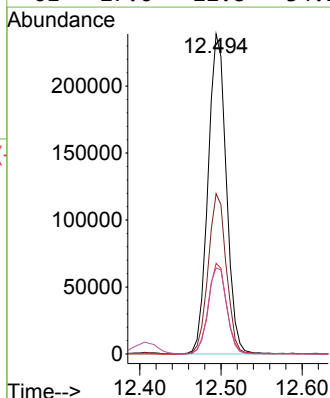
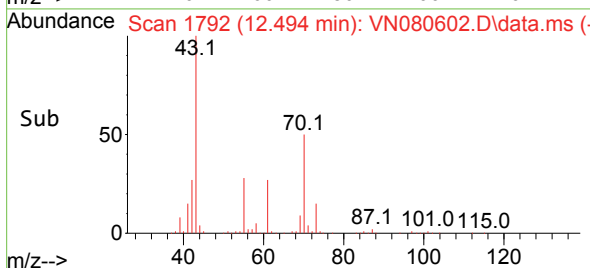
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

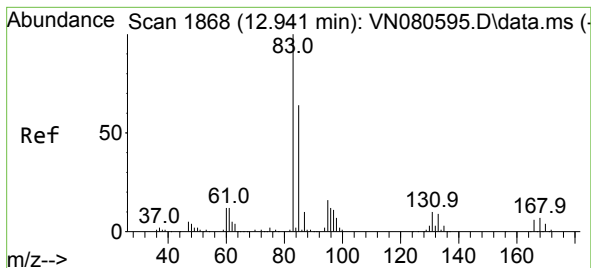


#74
N-ethyl acetate
Concen: 58.870 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



Tgt Ion: 43 Resp: 372657
Ion Ratio Lower Upper
43 100
70 50.0 43.4 65.2
55 28.3 21.4 32.0
61 27.6 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.444 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080602.D

Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

ICNVN122723

Tgt Ion: 83 Resp: 287580

Ion Ratio Lower Upper

83 100

131 10.7 5.0 15.0

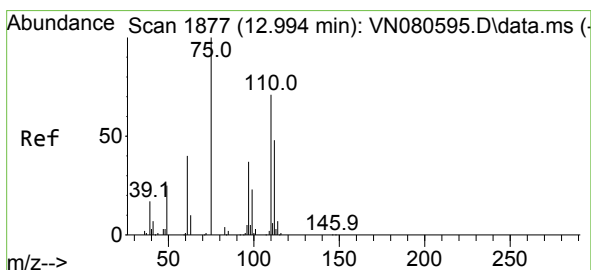
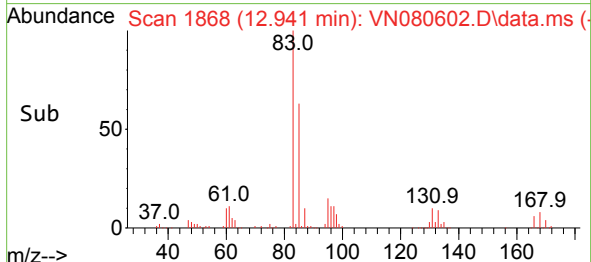
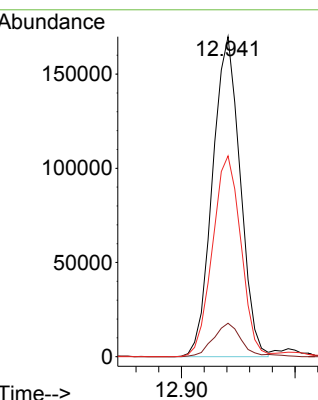
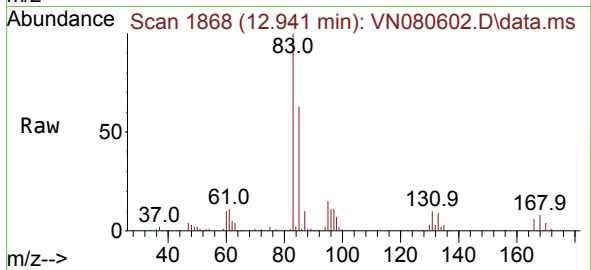
85 64.6 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/28/2023

Supervised By :Semsettin Yesilyurt 01/01/2024



#76

1,2,3-Trichloropropane

Concen: 46.604 ug/l m

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080602.D

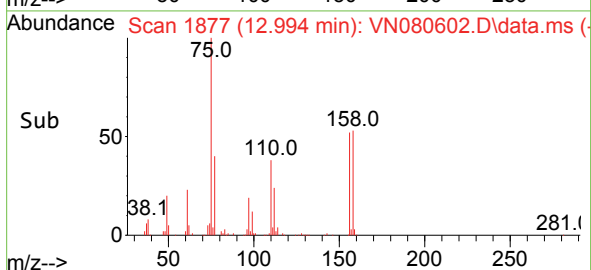
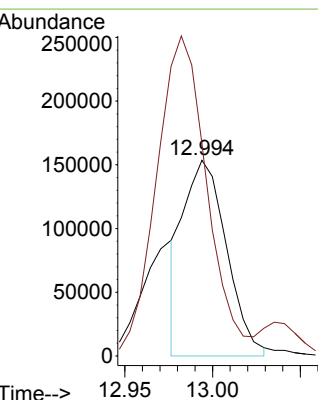
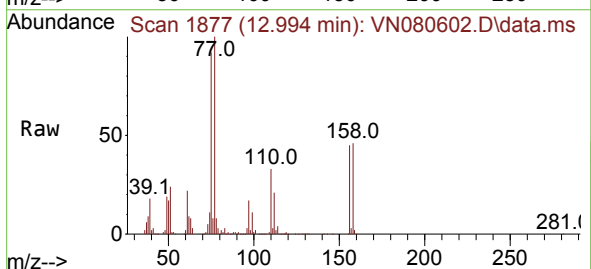
Acq: 27 Dec 2023 18:02

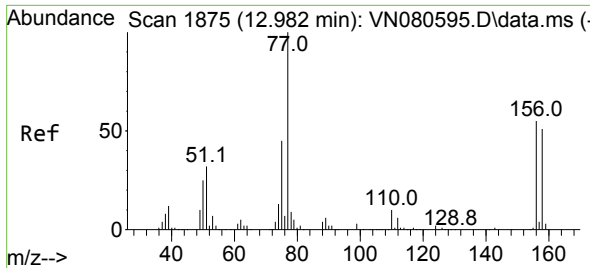
Tgt Ion: 75 Resp: 262783

Ion Ratio Lower Upper

75 100

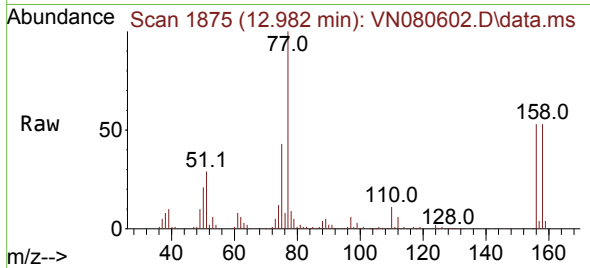
77 191.8 84.5 253.5





#77
Bromobenzene
Concen: 48.155 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

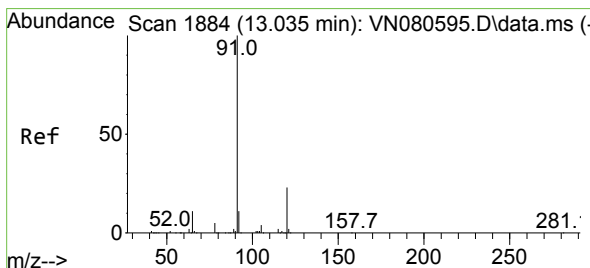
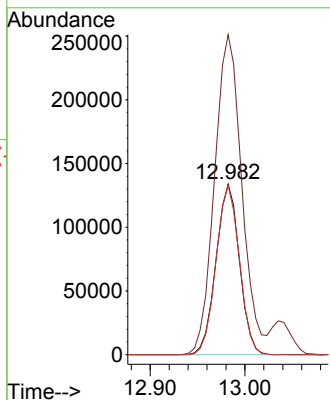
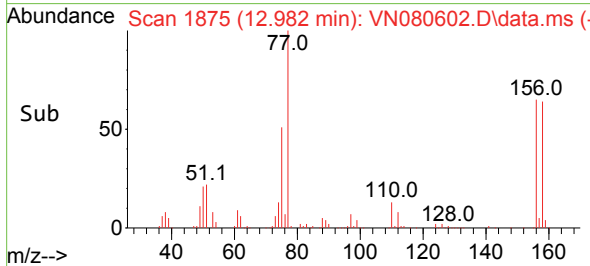
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



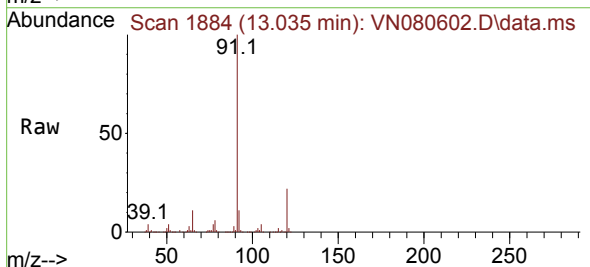
Tgt Ion:156 Resp: 229488
Ion Ratio Lower Upper
156 100
77 219.7 107.7 323.3
158 98.9 48.4 145.3

Manual Integrations
APPROVED

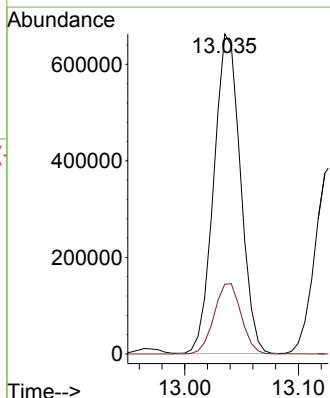
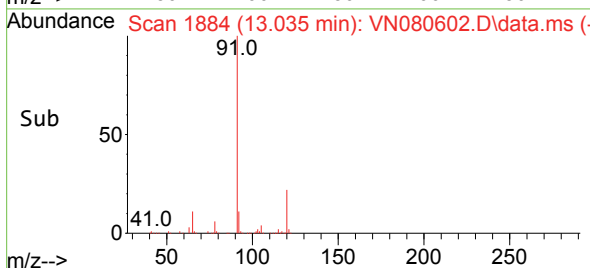
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

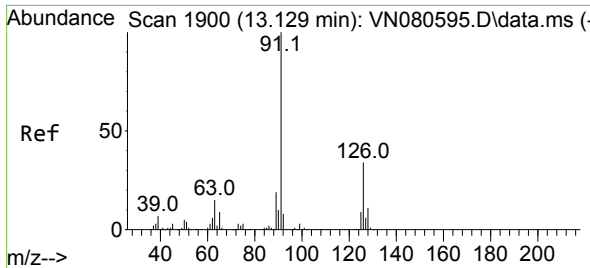


#78
n-propylbenzene
Concen: 52.449 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



Tgt Ion: 91 Resp: 1076209
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4





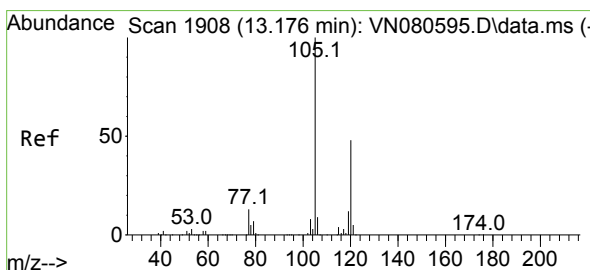
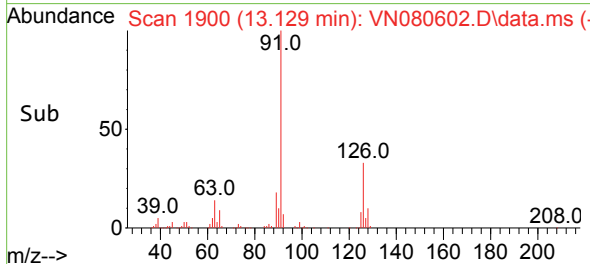
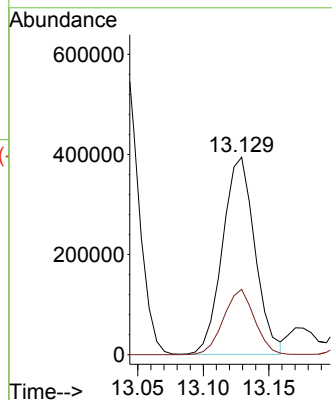
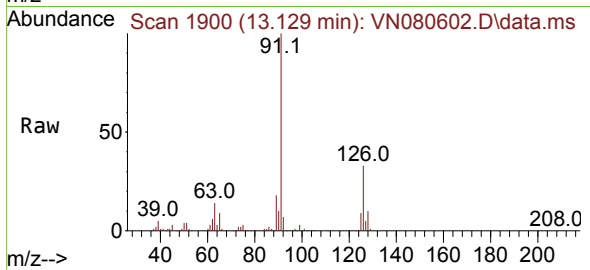
#79
2-Chlorotoluene
Concen: 50.623 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723

Tgt Ion: 91 Resp: 67812
Ion Ratio Lower Upper
91 100
126 31.8 16.3 48.8

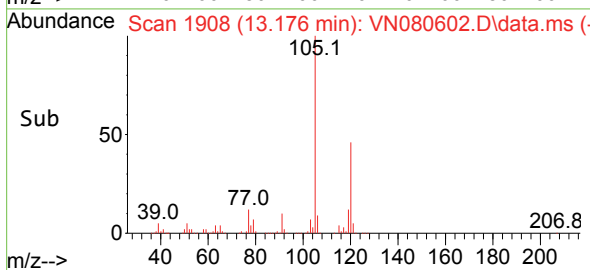
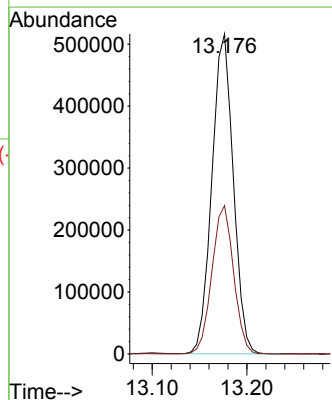
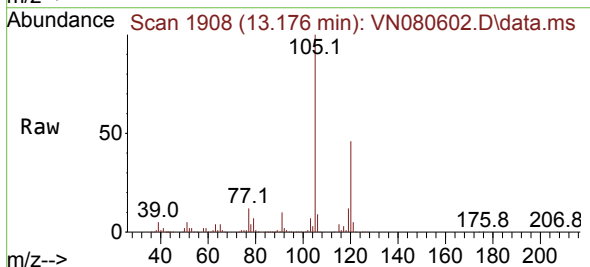
Manual Integrations
APPROVED

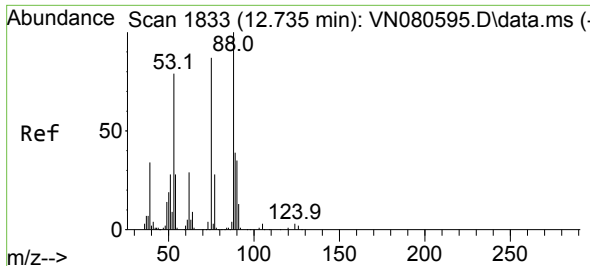
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#80
1,3,5-Trimethylbenzene
Concen: 53.422 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

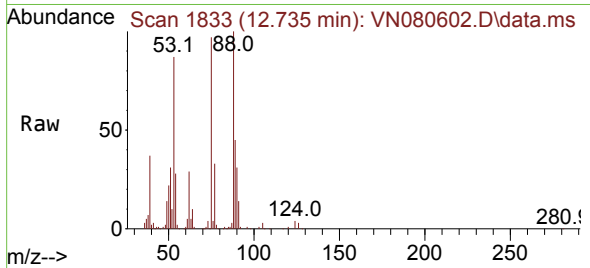
Tgt Ion:105 Resp: 809399
Ion Ratio Lower Upper
105 100
120 47.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 66.131 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

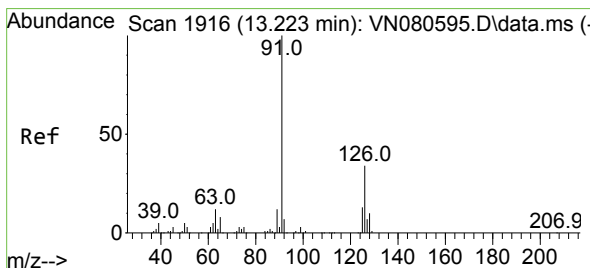
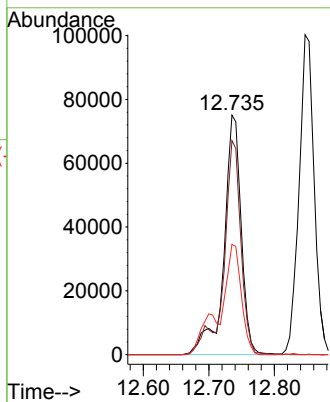
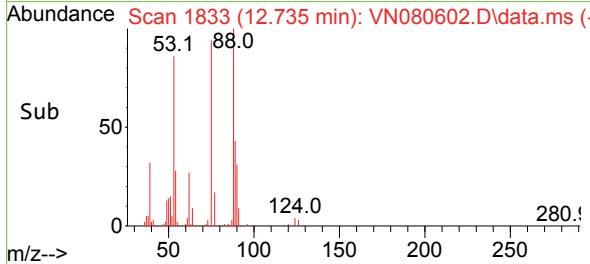
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



Tgt Ion: 75 Resp: 13766
Ion Ratio Lower Upper
75 100
53 79.2 67.4 101.2
89 40.2 38.8 58.2

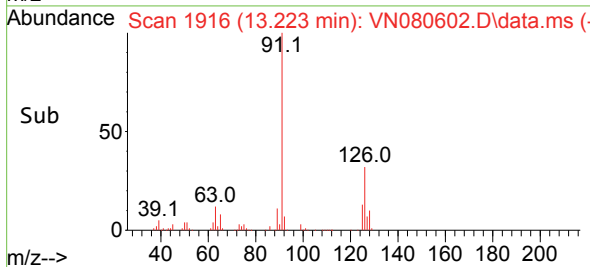
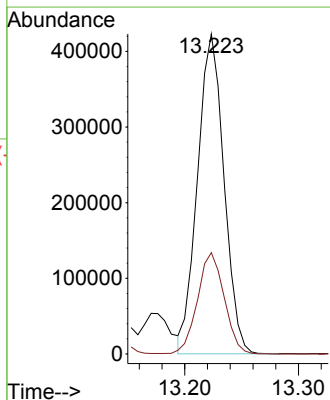
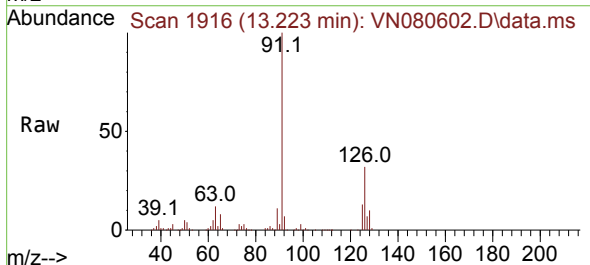
Manual Integrations
APPROVED

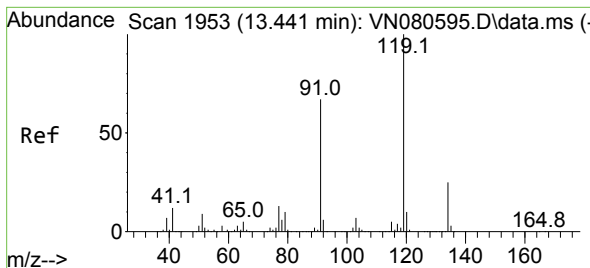
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#82
4-Chlorotoluene
Concen: 49.951 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

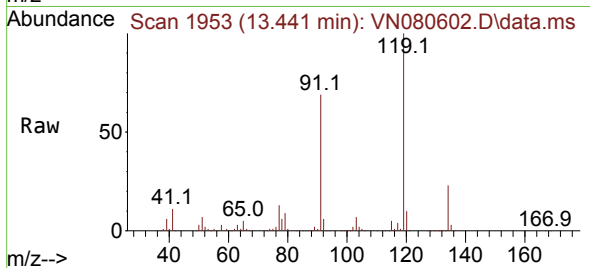
Tgt Ion: 91 Resp: 684287
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 52.543 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

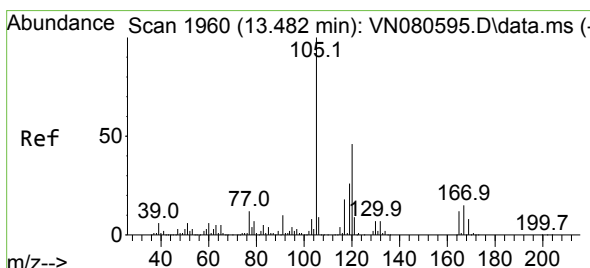
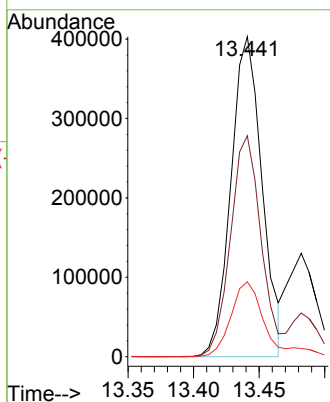
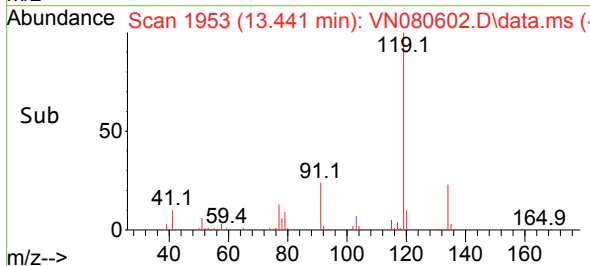
Instrument :
MSVOA_N
ClientSampleId :
ICNVN122723



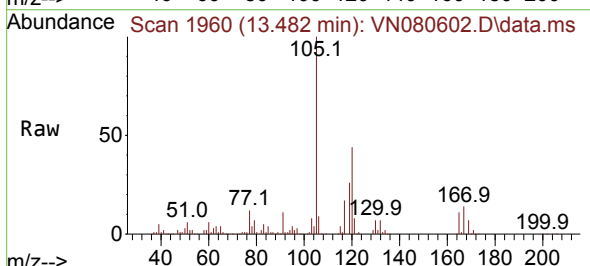
Tgt Ion:119 Resp: 665350
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 25.8 13.2 39.6

Manual Integrations
APPROVED

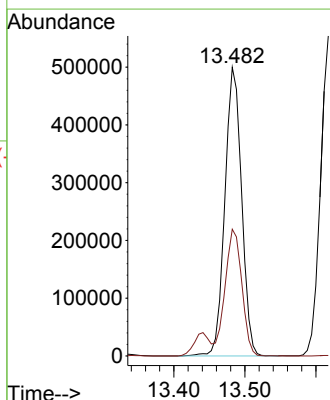
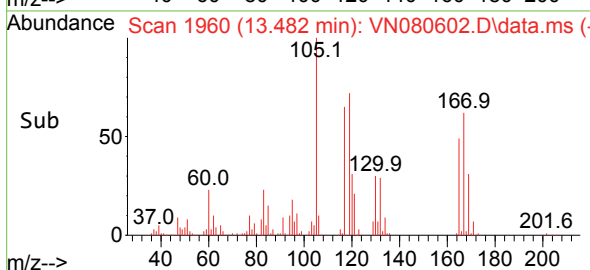
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

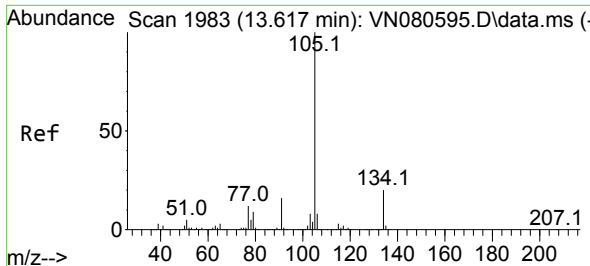


#84
1,2,4-Trimethylbenzene
Concen: 53.259 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



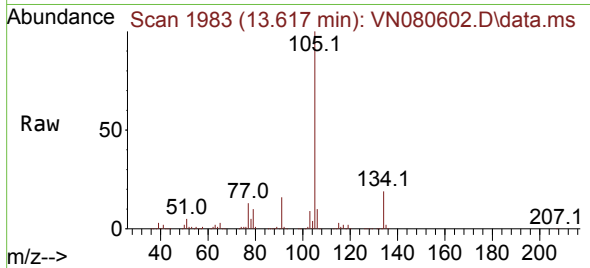
Tgt Ion:105 Resp: 817053
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 53.036 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

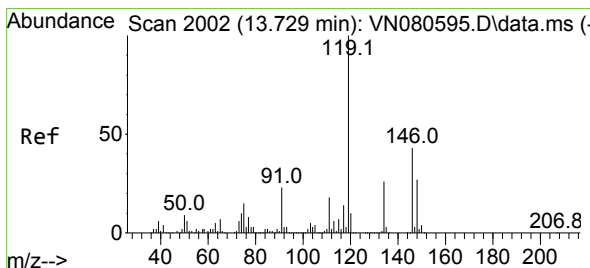
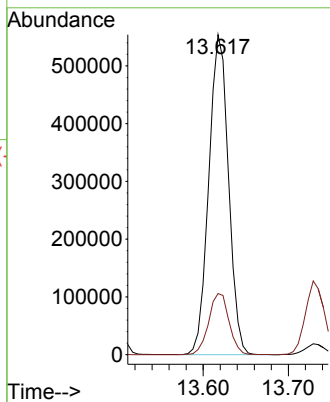
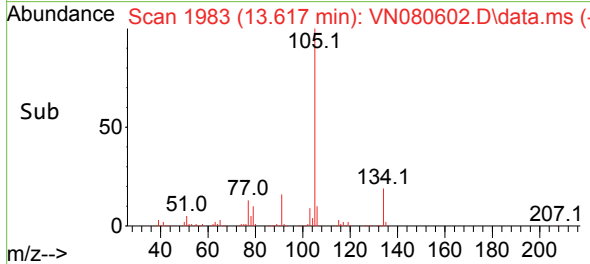
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122723



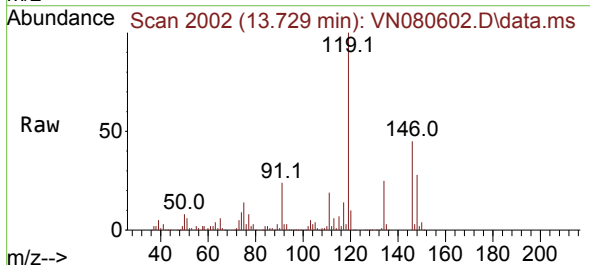
Tgt Ion:105 Resp: 888729
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3

Manual Integrations
 APPROVED

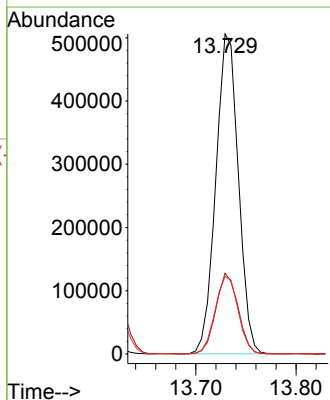
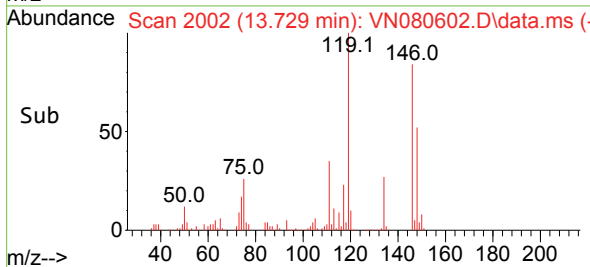
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

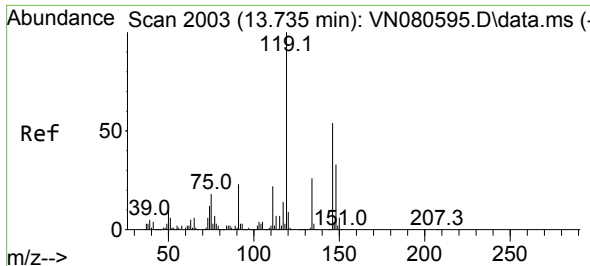


#86
 p-Isopropyltoluene
 Concen: 49.582 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02



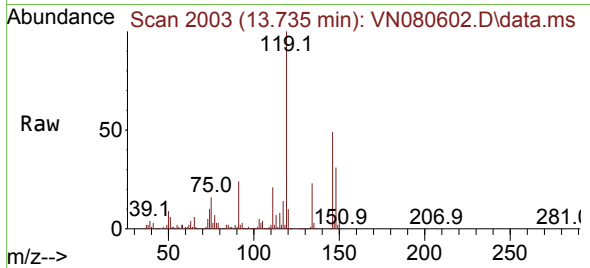
Tgt Ion:119 Resp: 790931
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 24.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 48.337 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

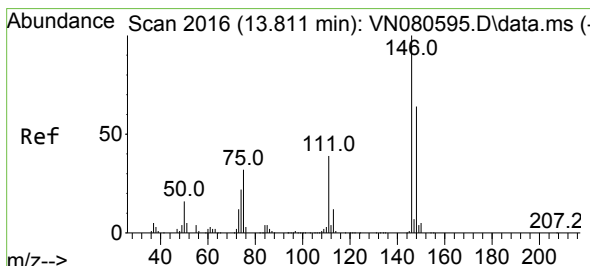
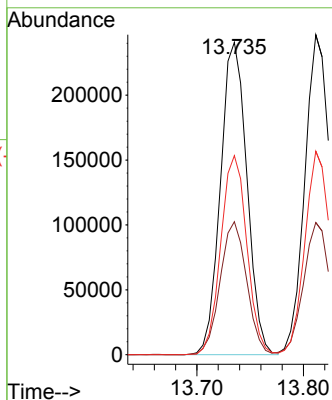
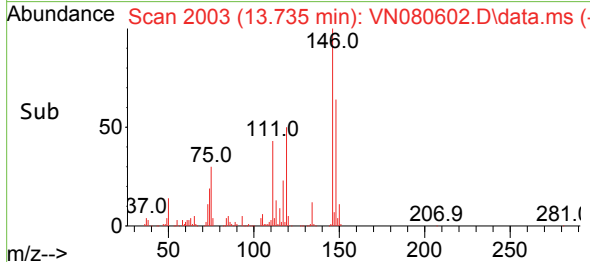
Instrument :
MSVOA_N
ClientSampleId :
ICVVN122723



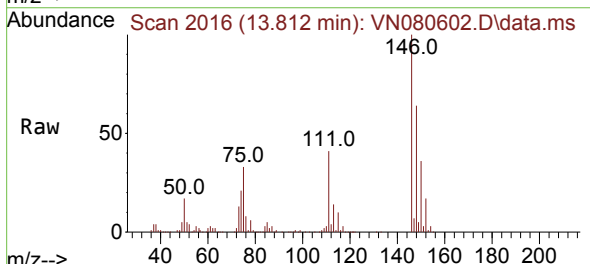
Tgt Ion:146 Resp: 415150
Ion Ratio Lower Upper
146 100
111 42.7 22.1 66.3
148 62.8 32.0 96.0

Manual Integrations
APPROVED

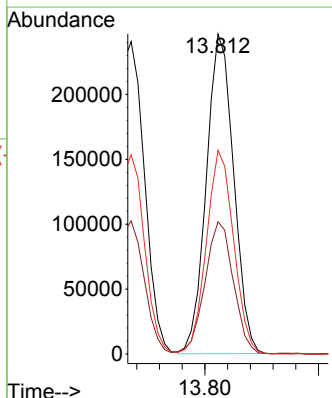
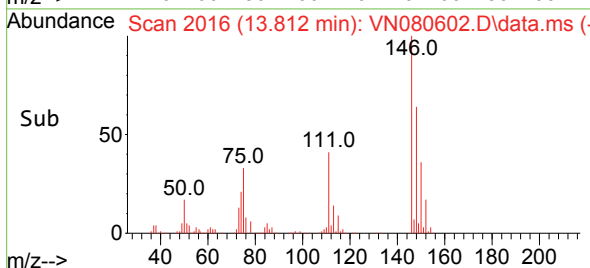
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024

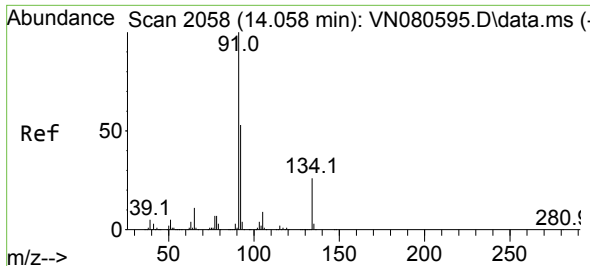


#88
1,4-Dichlorobenzene
Concen: 47.718 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



Tgt Ion:146 Resp: 411977
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.8
148 63.5 31.6 94.8





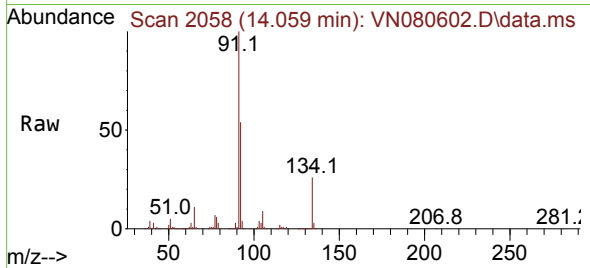
#89
n-Butylbenzene
Concen: 53.821 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Instrument :

MSVOA_N

ClientSampleId :

ICVNV122723

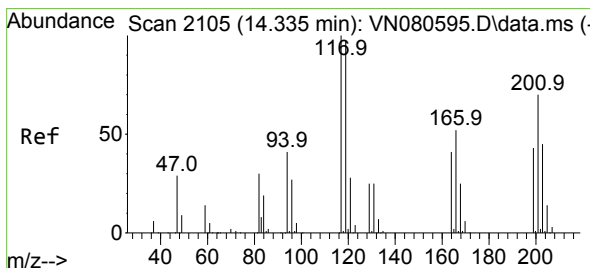
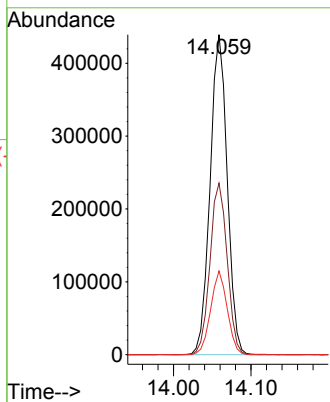
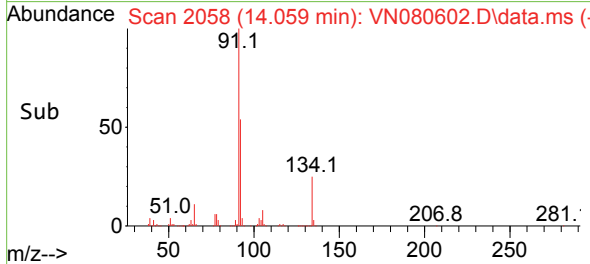


Tgt Ion: 91 Resp: 674019
Ion Ratio Lower Upper
91 100
92 53.9 26.4 79.0
134 25.3 12.6 37.6

Manual Integrations

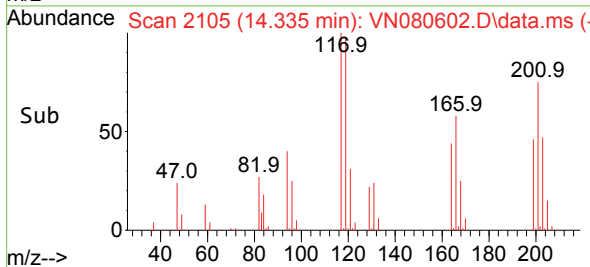
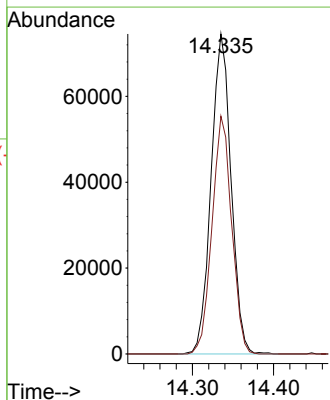
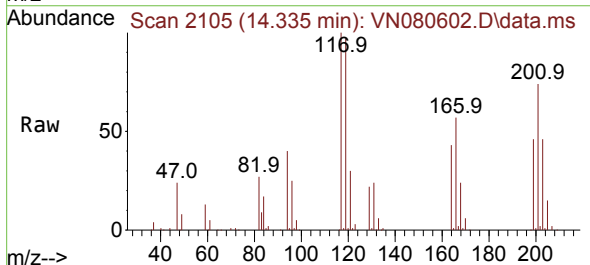
APPROVED

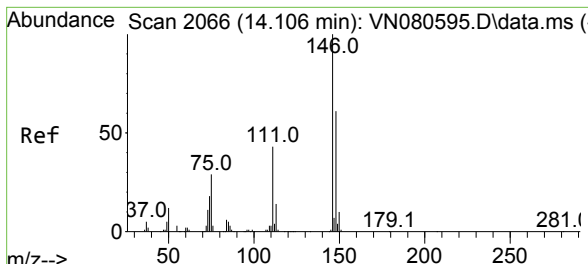
Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#90
Hexachloroethane
Concen: 48.702 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

Tgt Ion:117 Resp: 127392
Ion Ratio Lower Upper
117 100
201 73.1 29.3 88.0





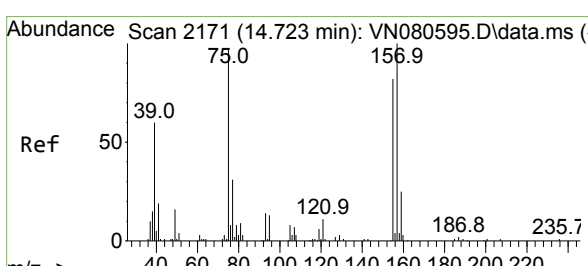
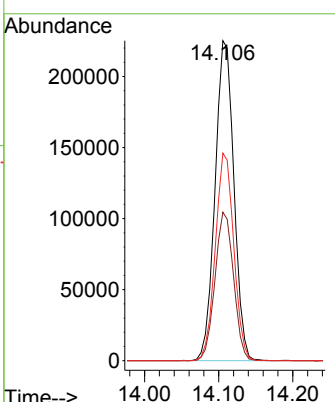
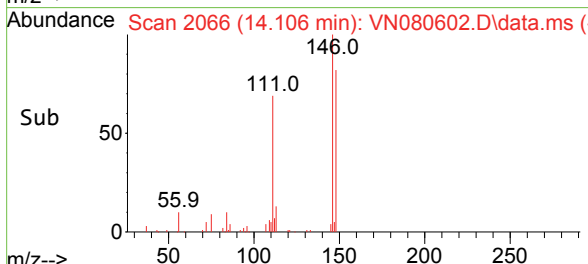
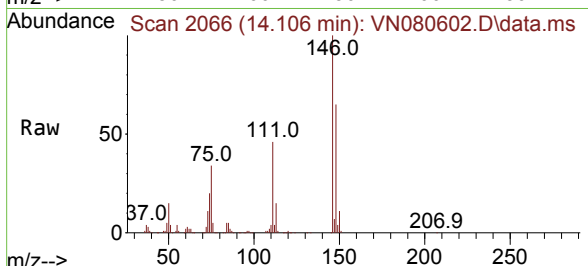
#91
 1,2-Dichlorobenzene
 Concen: 47.957 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

Instrument : MSVOA_N
 ClientSampleId : ICVVN122723

Tgt Ion:146 Resp: 39755

Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.0	66.0
148	63.5	31.8	95.3

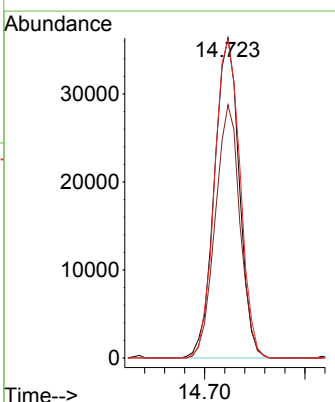
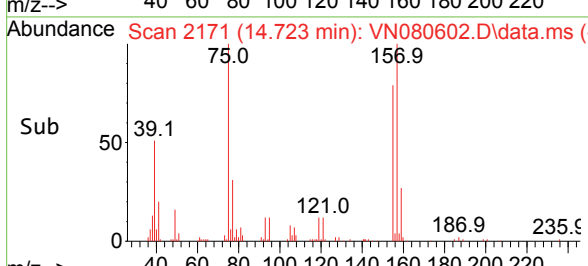
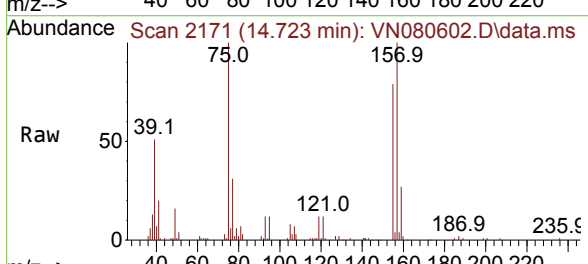
Manual Integrations
APPROVED
 Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024

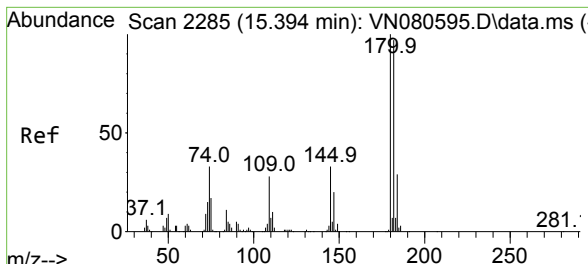


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.813 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

Tgt Ion: 75 Resp: 62384

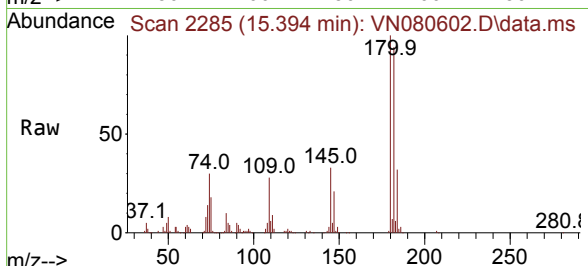
Ion	Ratio	Lower	Upper
75	100		
155	79.1	39.1	117.2
157	102.4	50.3	150.9





#93
 1,2,4-Trichlorobenzene
 Concen: 55.062 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

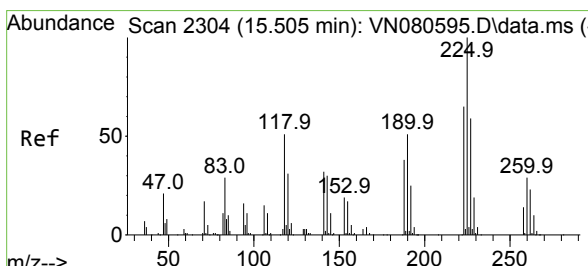
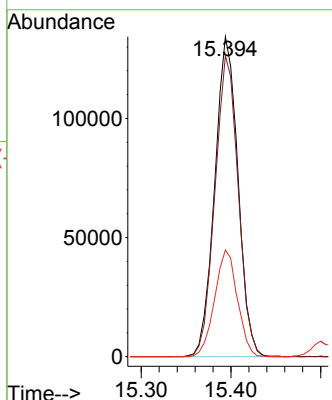
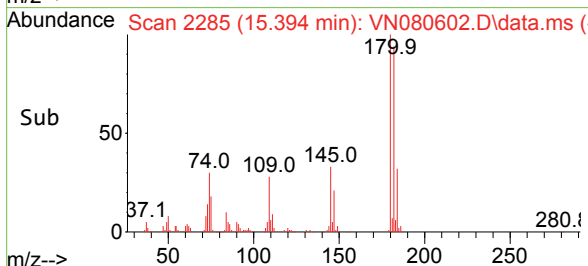
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN122723



Tgt Ion:180 Resp: 240820
 Ion Ratio Lower Upper
 180 100
 182 94.1 46.1 138.2
 145 32.7 16.6 49.8

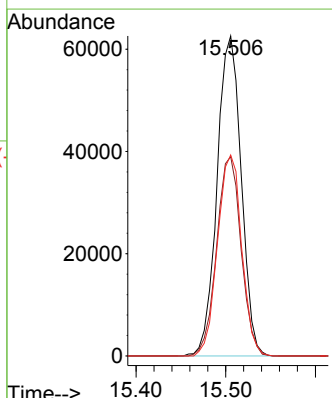
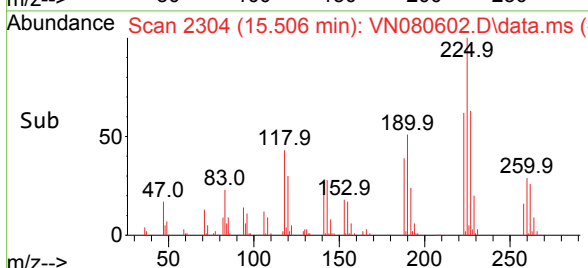
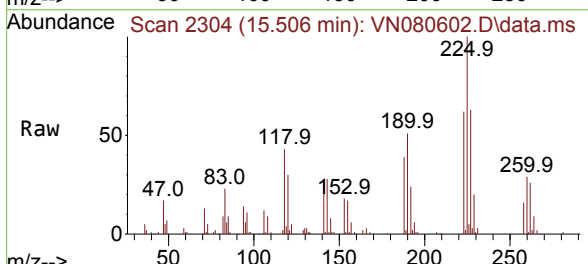
Manual Integrations
 APPROVED

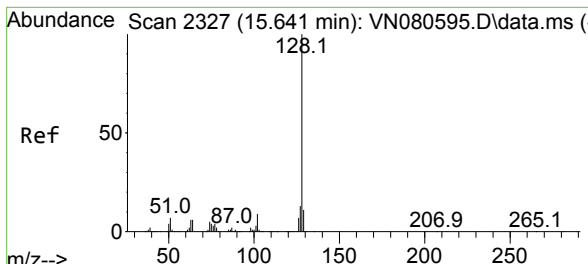
Reviewed By :John Carlone 12/28/2023
 Supervised By :Semsettin Yesilyurt 01/01/2024



#94
 Hexachlorobutadiene
 Concen: 51.804 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.000 min
 Lab File: VN080602.D
 Acq: 27 Dec 2023 18:02

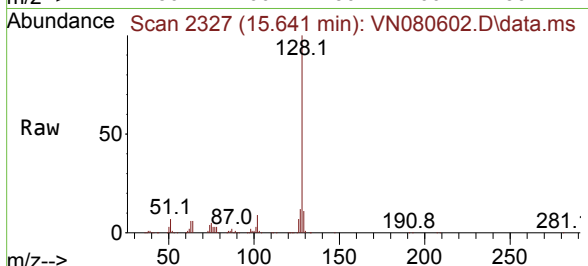
Tgt Ion:225 Resp: 116929
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.3 93.8
 227 62.8 31.9 95.9





#95
Naphthalene
Concen: 62.112 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02

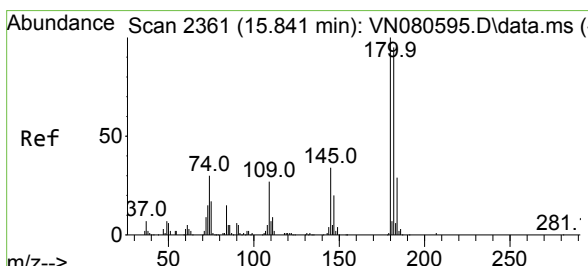
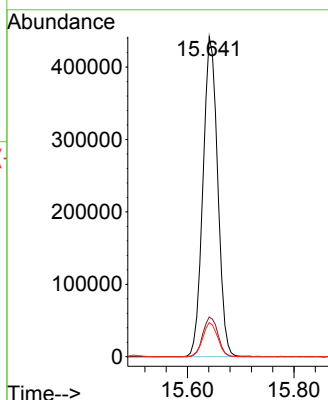
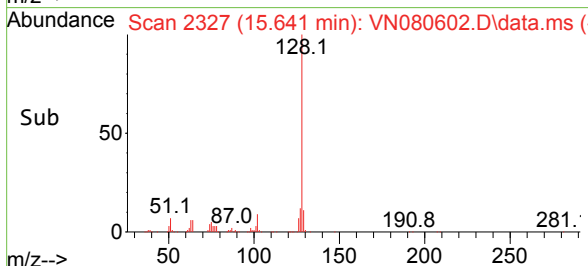
Instrument :
MSVOA_N
ClientSampleId :
ICV122723



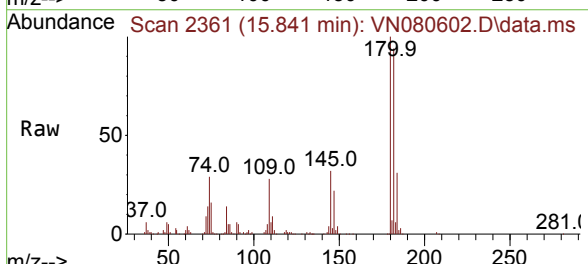
Tgt Ion:128 Resp: 845489
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2023
Supervised By :Semsettin Yesilyurt 01/01/2024



#96
1,2,3-Trichlorobenzene
Concen: 59.803 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080602.D
Acq: 27 Dec 2023 18:02



Tgt Ion:180 Resp: 264425
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 34.1 17.5 52.6

