

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121523\
 Data File : VN080505.D
 Acq On : 15 Dec 2023 15:59
 Operator : JC\MD
 Sample : VN1215WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 16 02:54:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	291201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	465707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	412321	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	194985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189170	50.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	101.720%		
35) Dibromofluoromethane	8.171	113	145640	49.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.640%		
50) Toluene-d8	10.571	98	544107	49.409	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.853	95	203138	48.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	54734	14.708	ug/l	98
3) Chloromethane	2.360	50	56694	14.275	ug/l	97
4) Vinyl Chloride	2.512	62	43726	13.759	ug/l	97
5) Bromomethane	2.959	94	22015	15.365	ug/l	95
6) Chloroethane	3.118	64	29380	14.387	ug/l	94
7) Trichlorofluoromethane	3.501	101	102837	15.954	ug/l	99
8) Diethyl Ether	3.959	74	34370	16.928	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	49987	16.361	ug/l	97
10) Methyl Iodide	4.589	142	38432	14.301	ug/l	97
11) Tert butyl alcohol	5.518	59	37546	85.715	ug/l	96
12) 1,1-Dichloroethene	4.342	96	48935	15.632	ug/l	88
13) Acrolein	4.171	56	42304	88.187	ug/l	98
14) Allyl chloride	5.018	41	60531	15.628	ug/l	94
15) Acrylonitrile	5.718	53	108992	88.061	ug/l	99
16) Acetone	4.424	43	74748	113.345	ug/l	97
17) Carbon Disulfide	4.712	76	124717	14.058	ug/l	98
18) Methyl Acetate	5.024	43	79414	18.715	ug/l	98
19) Methyl tert-butyl Ether	5.795	73	180114	17.245	ug/l	98
20) Methylene Chloride	5.271	84	57087	16.175	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	55647	16.394	ug/l #	83
22) Diisopropyl ether	6.671	45	146467	17.521	ug/l	90
23) Vinyl Acetate	6.600	43	395949	82.470	ug/l	93
24) 1,1-Dichloroethane	6.565	63	99660	17.087	ug/l	99
25) 2-Butanone	7.483	43	123380	97.117	ug/l	92
26) 2,2-Dichloropropane	7.489	77	97954	16.424	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	64137	16.693	ug/l	89
28) Bromochloromethane	7.812	49	45503	20.320	ug/l	100
29) Tetrahydrofuran	7.836	42	80948	88.980	ug/l	94
30) Chloroform	7.965	83	111305	17.193	ug/l	94
31) Cyclohexane	8.259	56	79587	15.735	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	106235	16.760	ug/l	96
36) 1,1-Dichloropropene	8.377	75	79613	16.490	ug/l	95
37) Ethyl Acetate	7.559	43	54842	18.140	ug/l	96
38) Carbon Tetrachloride	8.365	117	94237	16.335	ug/l	97
39) Methylcyclohexane	9.600	83	76950	15.342	ug/l	93
40) Benzene	8.606	78	232079	16.647	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30722	17.626	ug/l	94
42) 1,2-Dichloroethane	8.671	62	90197	17.471	ug/l	98
43) Isopropyl Acetate	8.688	43	95931	17.648	ug/l	99
44) Trichloroethene	9.353	130	60277	16.038	ug/l	97
45) 1,2-Dichloropropane	9.624	63	57670	17.612	ug/l	98
46) Dibromomethane	9.712	93	40849	17.372	ug/l	92
47) Bromodichloromethane	9.888	83	86700	17.203	ug/l	95
48) Methyl methacrylate	9.683	41	53784	16.580	ug/l	92
49) 1,4-Dioxane	9.700	88	16699	339.623	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	274812	91.794	ug/l	100
52) Toluene	10.630	92	150561	17.095	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	94399	17.312	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	99556	17.082	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	56111	17.706	ug/l	94
56) Ethyl methacrylate	10.877	69	62127	17.707	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	97909	17.624	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	197315	89.082	ug/l	99
59) 2-Hexanone	11.194	43	200844	90.873	ug/l	98
60) Dibromochloromethane	11.359	129	64546	17.188	ug/l	99
61) 1,2-Dibromoethane	11.471	107	56660	17.275	ug/l	99
64) Tetrachloroethene	11.106	164	52339	16.441	ug/l	97
65) Chlorobenzene	11.894	112	155452	16.948	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	60250	16.741	ug/l	94
67) Ethyl Benzene	11.965	91	300646	17.826	ug/l	97
68) m/p-Xylenes	12.071	106	217706	34.933	ug/l	91
69) o-Xylene	12.400	106	106144	17.413	ug/l	91
70) Styrene	12.412	104	151422	17.245	ug/l	93
71) Bromoform	12.576	173	44011	16.769	ug/l #	99
73) Isopropylbenzene	12.694	105	271498	17.333	ug/l	100
74) N-amyl acetate	12.494	43	76275	16.675	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	71431	17.018	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	69994m	17.994	ug/l	
77) Bromobenzene	12.982	156	66142	17.165	ug/l	96
78) n-propylbenzene	13.035	91	298184	17.266	ug/l	99
79) 2-Chlorotoluene	13.124	91	193455	17.158	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	239968	17.788	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	23987	16.191	ug/l #	83
82) 4-Chlorotoluene	13.224	91	196706	16.973	ug/l	96
83) tert-Butylbenzene	13.441	119	184974	16.743	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	246312	18.353	ug/l	99
85) sec-Butylbenzene	13.618	105	240569	17.022	ug/l	100
86) p-Isopropyltoluene	13.729	119	222101	17.405	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	112494	16.570	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	114126	16.653	ug/l	96
89) n-Butylbenzene	14.059	91	184091	17.275	ug/l	97
90) Hexachloroethane	14.335	117	33635	16.597	ug/l	74
91) 1,2-Dichlorobenzene	14.106	146	109567	16.996	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.718	75	16819	19.051	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	66893	18.689	ug/l	99
94) Hexachlorobutadiene	15.500	225	30361	14.900	ug/l	98
95) Naphthalene	15.641	128	938970	86.390	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	61273	17.740	ug/l	97

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Response via : Initial Calibration

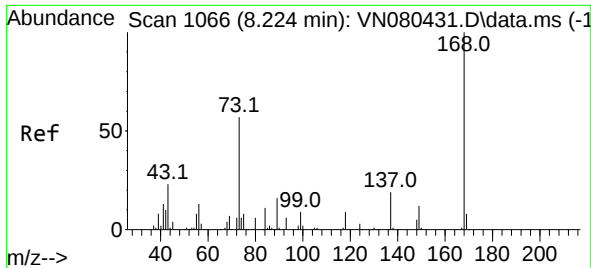
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

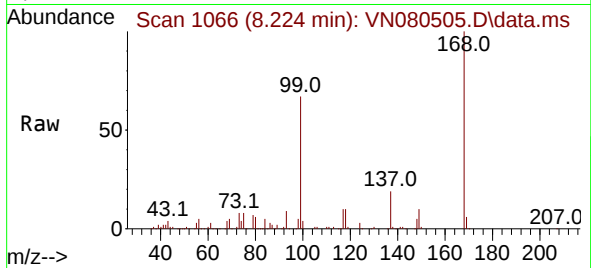
Reviewed By :Mahesh Dadoda 12/18/2023
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

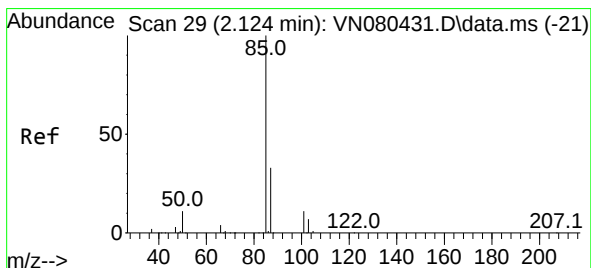
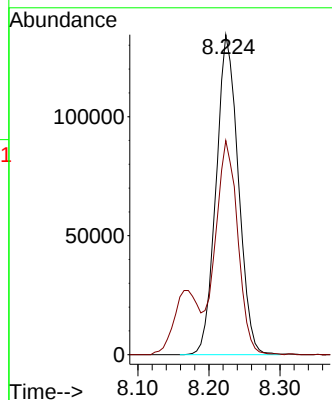
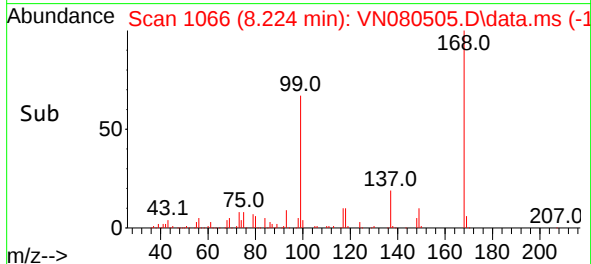
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:168 Resp: 29120
Ion Ratio Lower Upper
168 100
99 66.8 53.0 79.6

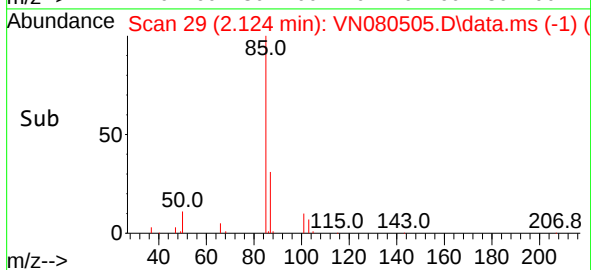
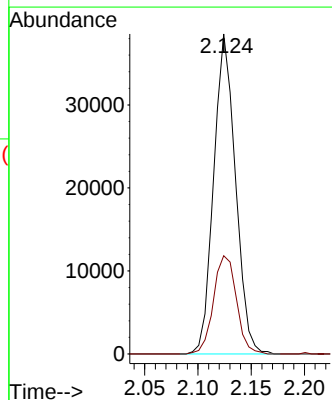
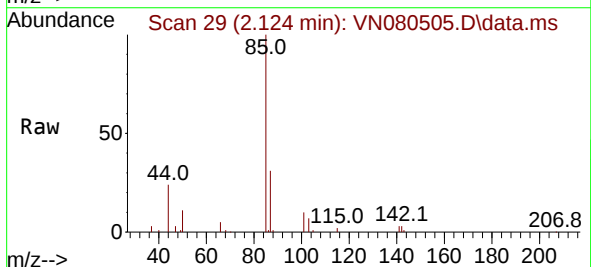
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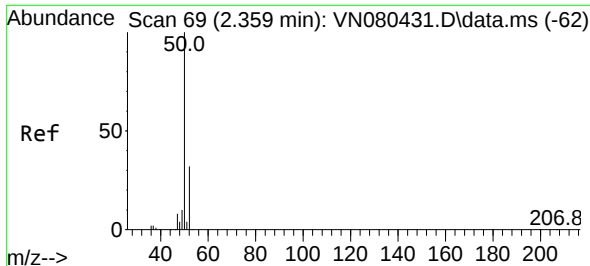
Reviewed By :Mahesh Dadoda 12/18/2023
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#2
Dichlorodifluoromethane
Concen: 14.708 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 85 Resp: 54734
Ion Ratio Lower Upper
85 100
87 30.7 15.8 47.4





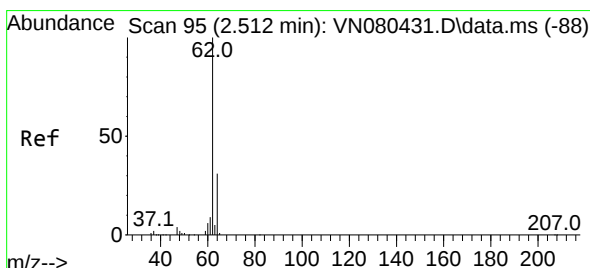
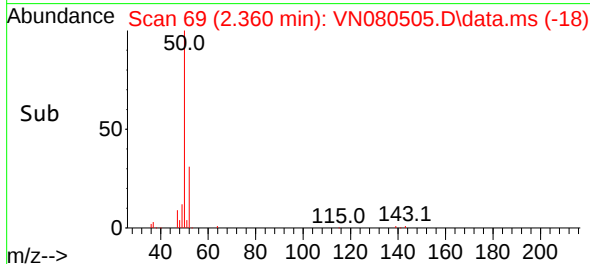
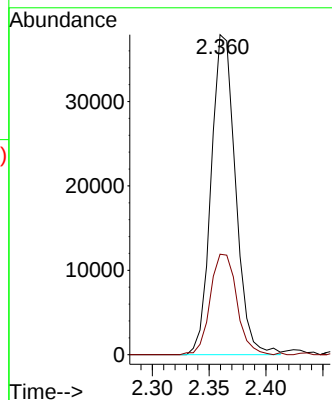
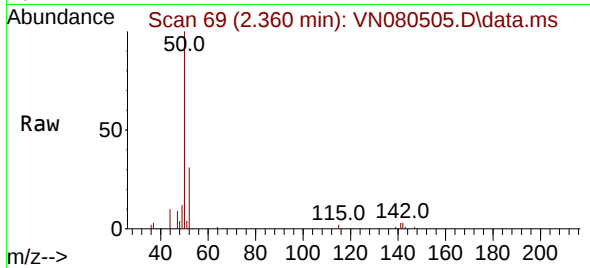
#3
Chloromethane
Concen: 14.275 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

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Tgt Ion: 50 Resp: 56694
Ion Ratio Lower Upper
50 100
52 31.4 26.5 39.7

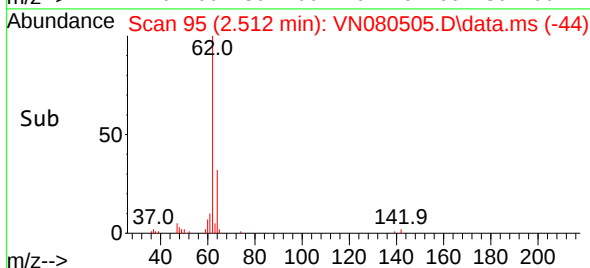
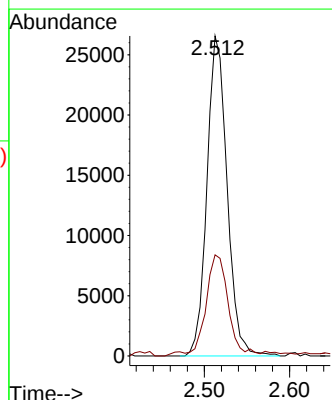
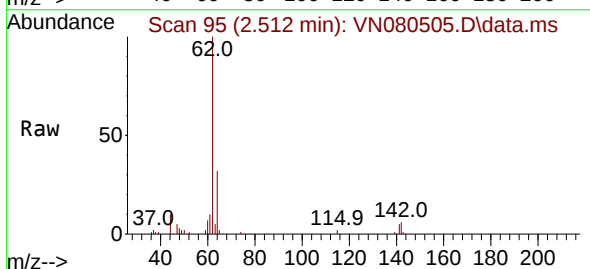
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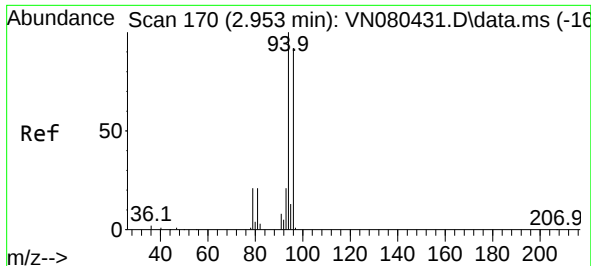
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 13.759 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 62 Resp: 43726
Ion Ratio Lower Upper
62 100
64 30.8 26.2 39.2





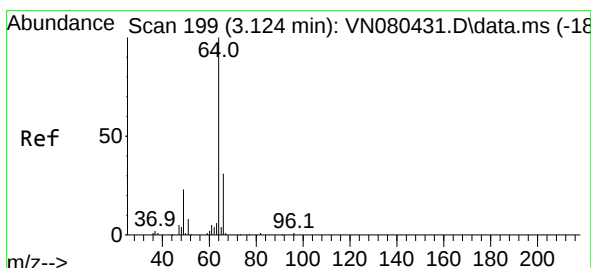
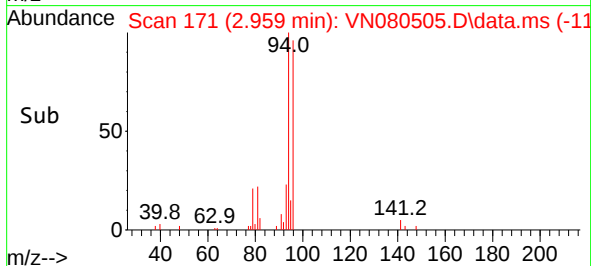
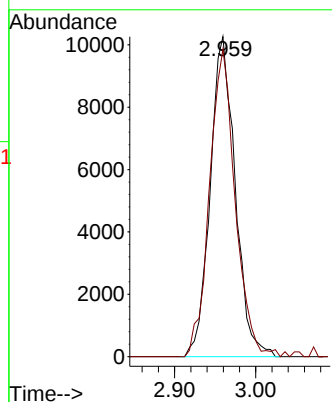
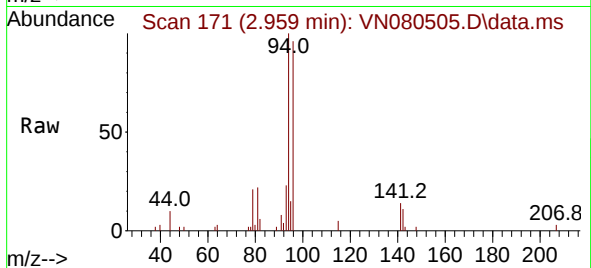
#5
Bromomethane
Concen: 15.365 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 2201
Ion Ratio Lower Upper
94 100
96 96.0 73.1 109.7

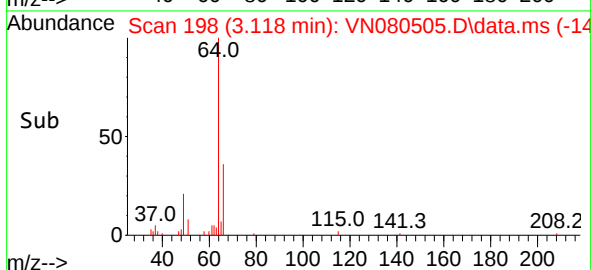
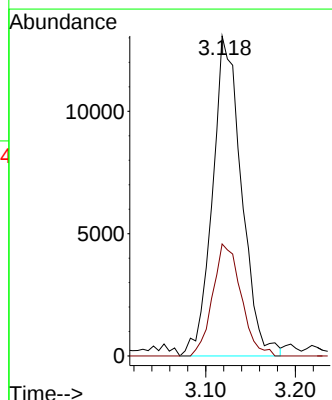
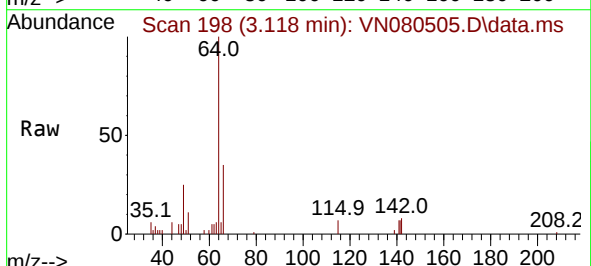
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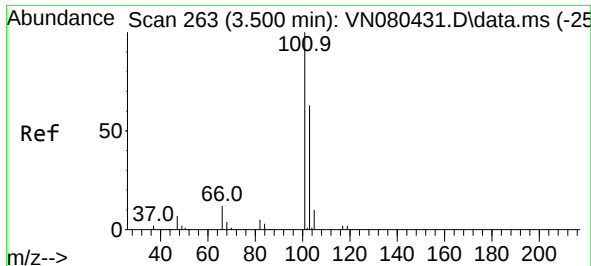
Reviewed By :Mahesh Dadoda 12/18/2023
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#6
Chloroethane
Concen: 14.387 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 64 Resp: 29380
Ion Ratio Lower Upper
64 100
66 35.0 25.4 38.2





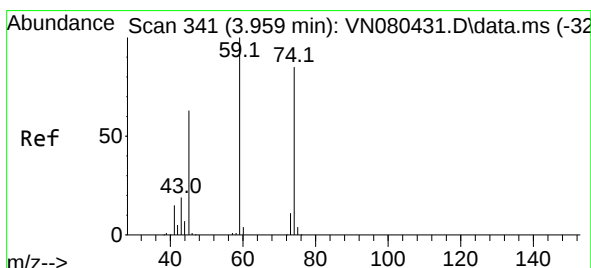
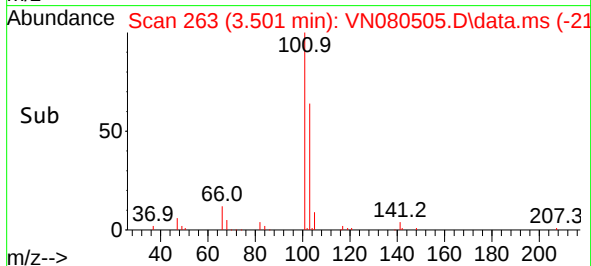
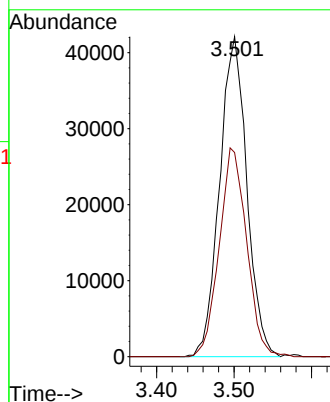
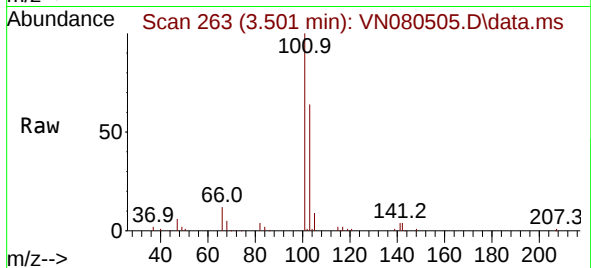
#7
 Trichlorofluoromethane
 Concen: 15.954 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080505.D
 Acq: 15 Dec 2023 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01

Tgt Ion:101 Resp: 10283
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.7 76.1

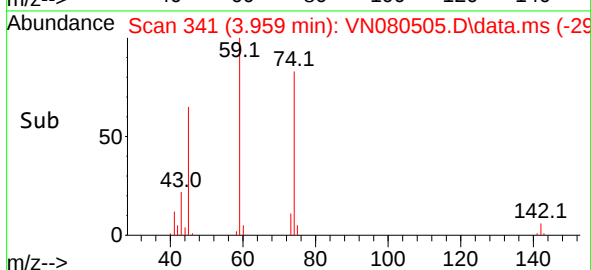
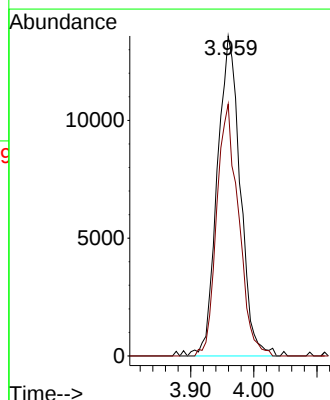
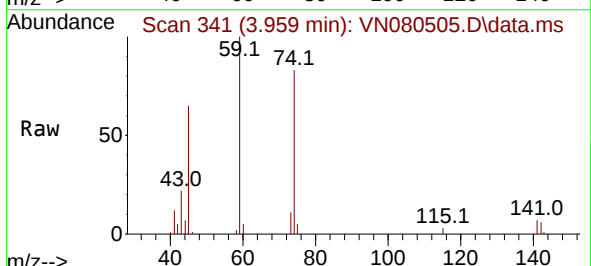
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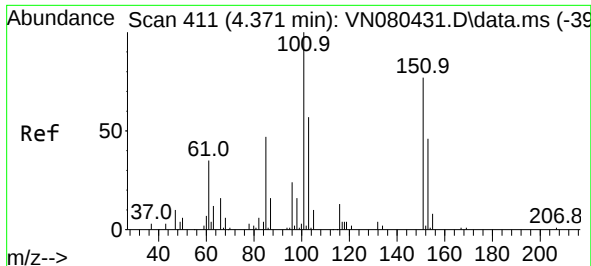
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#8
 Diethyl Ether
 Concen: 16.928 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
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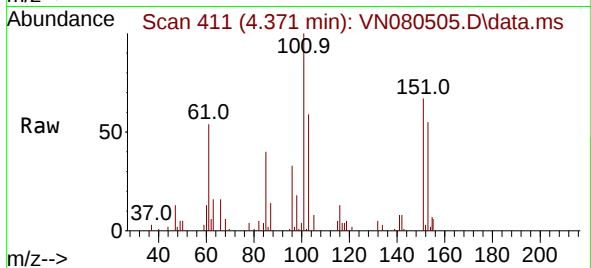
Tgt Ion: 74 Resp: 34370
 Ion Ratio Lower Upper
 74 100
 45 74.8 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.361 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

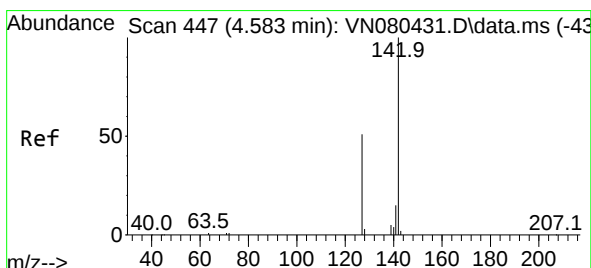
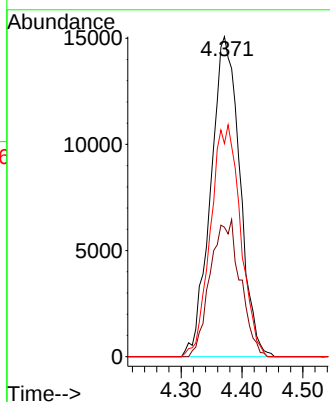
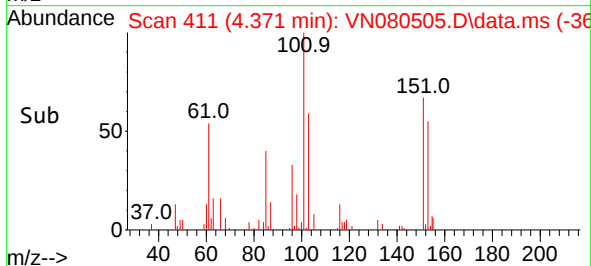
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



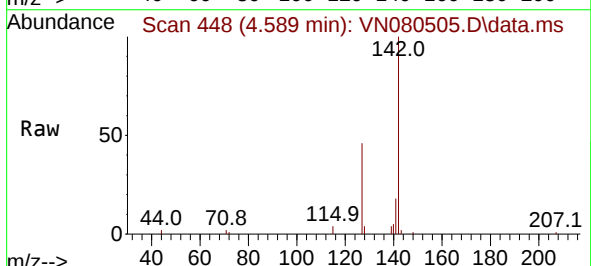
Tgt Ion:101 Resp: 4998
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 74.3 57.6 86.4

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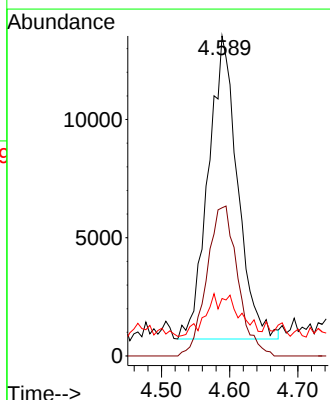
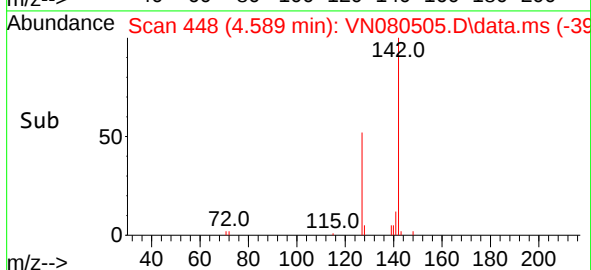
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

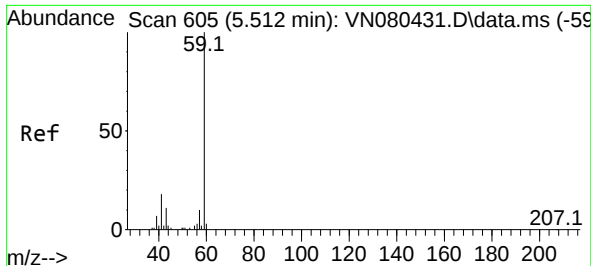


#10
Methyl Iodide
Concen: 14.301 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion:142 Resp: 38432
Ion Ratio Lower Upper
142 100
127 48.9 37.6 56.4
141 12.5 11.4 17.0





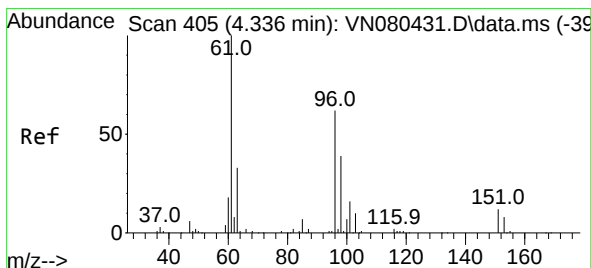
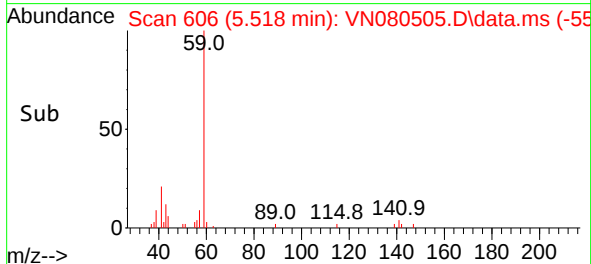
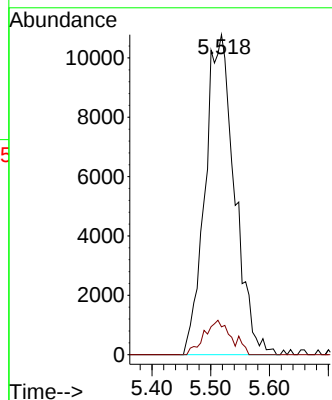
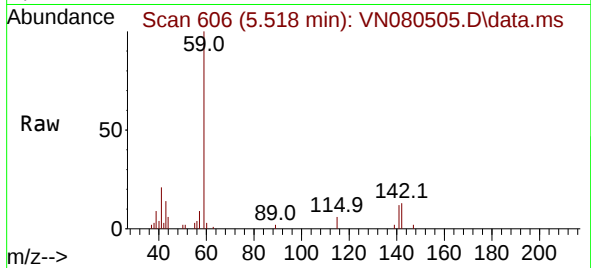
#11
Tert butyl alcohol
Concen: 85.715 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 59 Resp: 37540
Ion Ratio Lower Upper
59 100
57 8.7 8.2 12.4

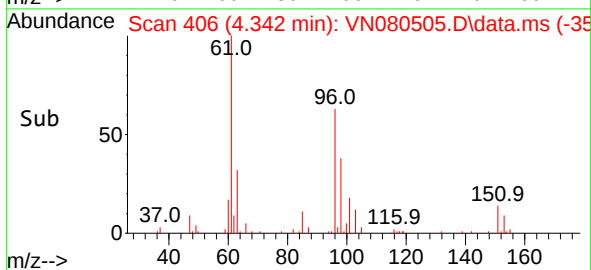
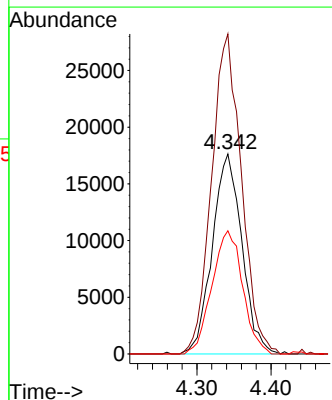
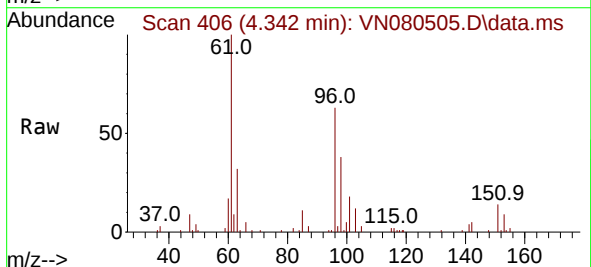
Manual Integrations
APPROVED

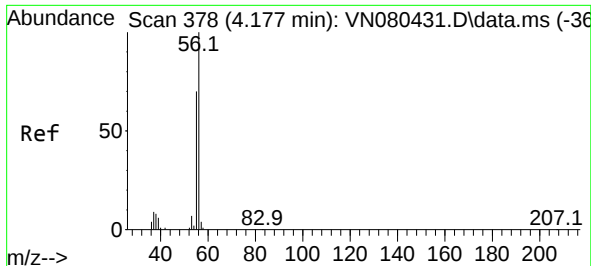
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 15.632 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 96 Resp: 48935
Ion Ratio Lower Upper
96 100
61 160.0 112.7 169.1
98 61.6 51.2 76.8





#13

Acrolein

Concen: 88.187 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 56 Resp: 42304

Ion Ratio Lower Upper

56 100

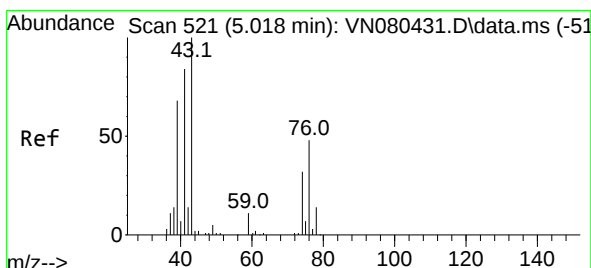
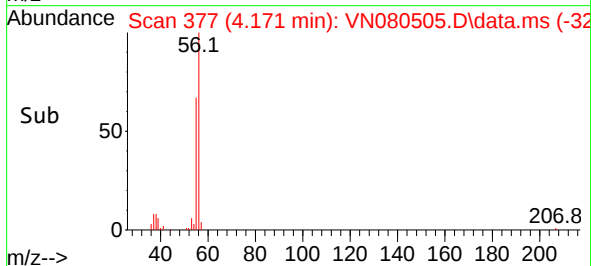
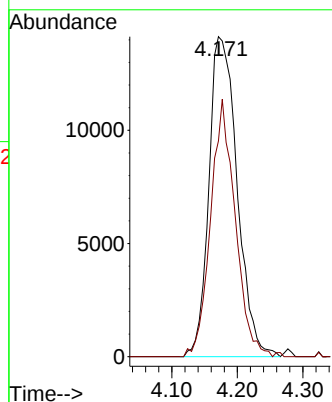
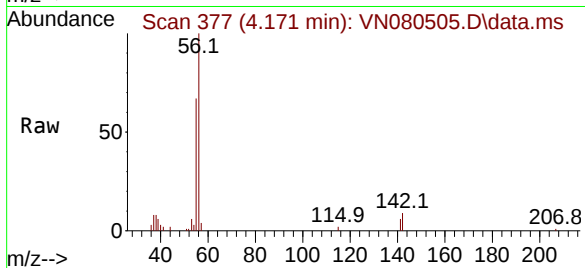
55 69.9 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#14

Allyl chloride

Concen: 15.628 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

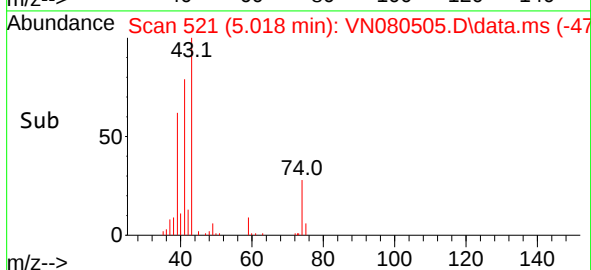
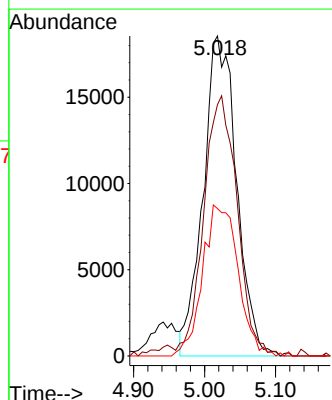
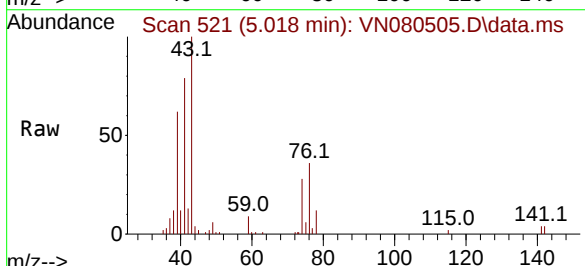
Tgt Ion: 41 Resp: 60531

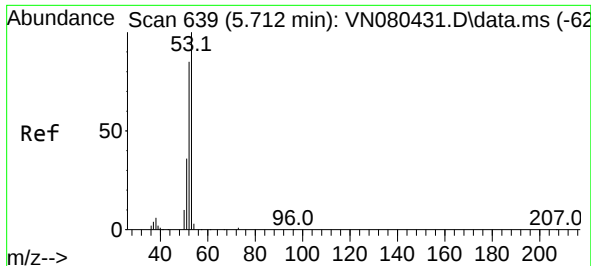
Ion Ratio Lower Upper

41 100

39 81.5 58.8 88.2

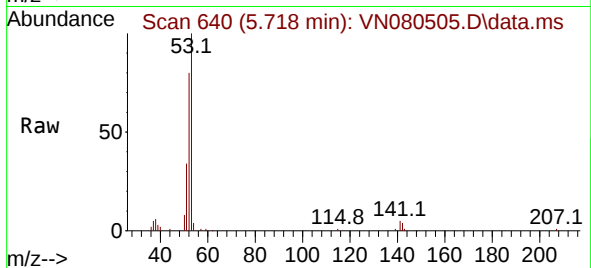
76 50.1 39.1 58.7





#15
Acrylonitrile
Concen: 88.061 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

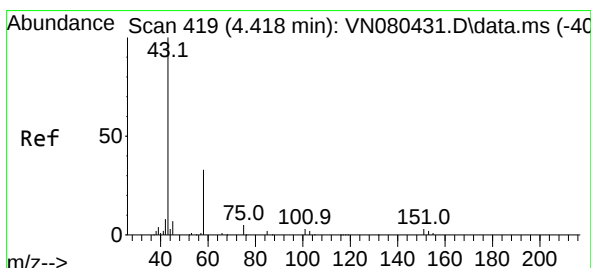
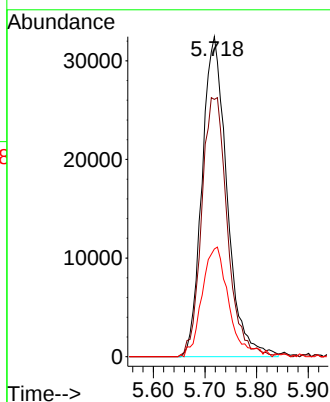
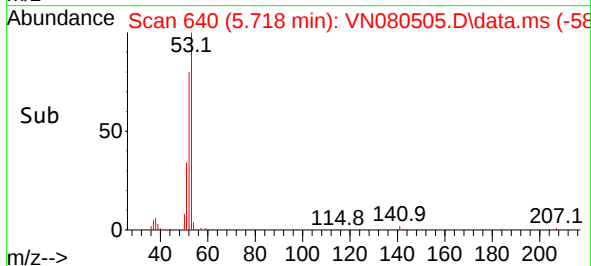
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 53 Resp: 108992
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.8 28.9 43.3

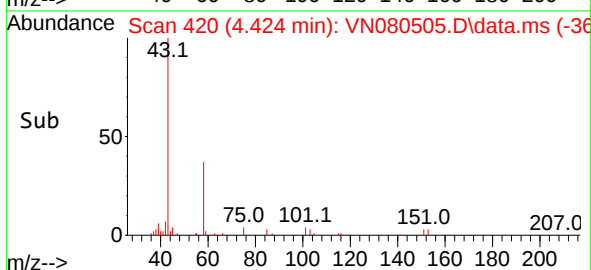
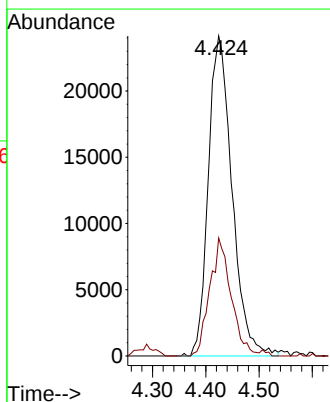
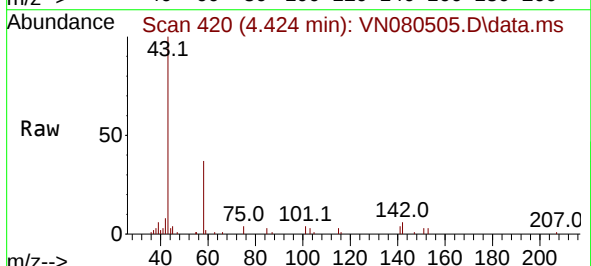
Manual Integrations
APPROVED

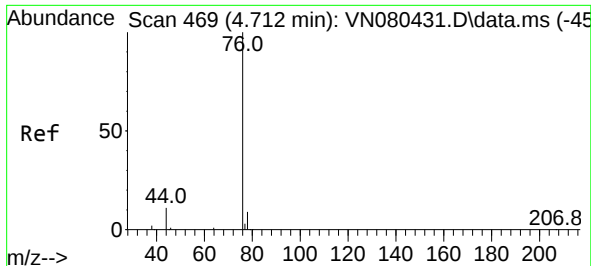
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 113.345 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

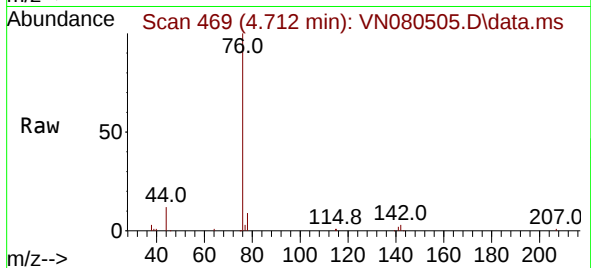
Tgt Ion: 43 Resp: 74748
Ion Ratio Lower Upper
43 100
58 36.9 28.0 42.0





#17
Carbon Disulfide
Concen: 14.058 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

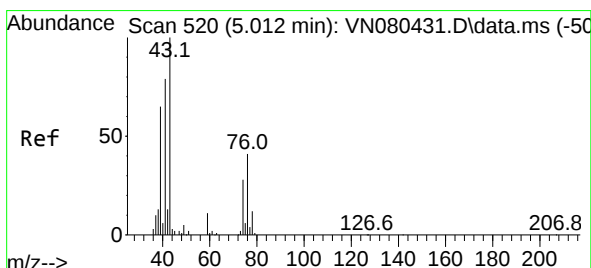
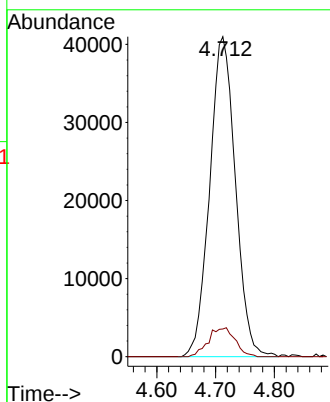
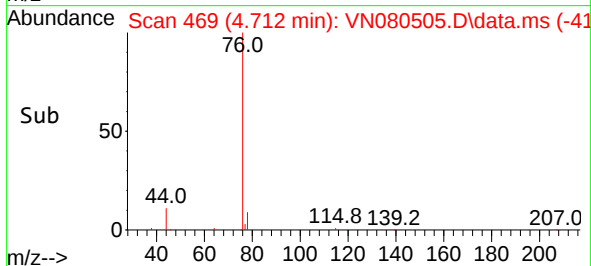
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



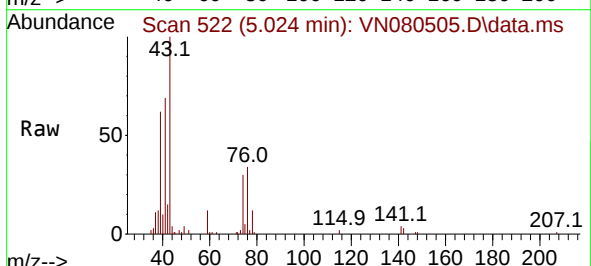
Tgt Ion: 76 Resp: 12471
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

Manual Integrations
APPROVED

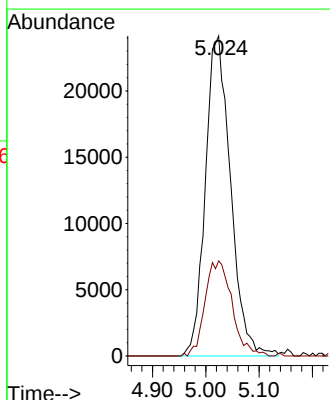
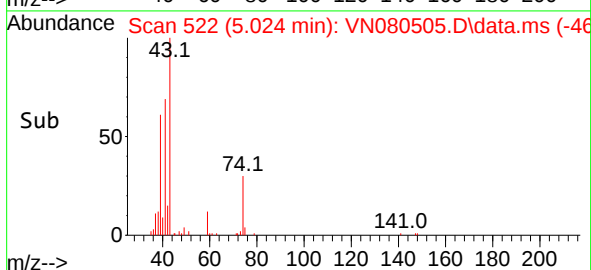
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

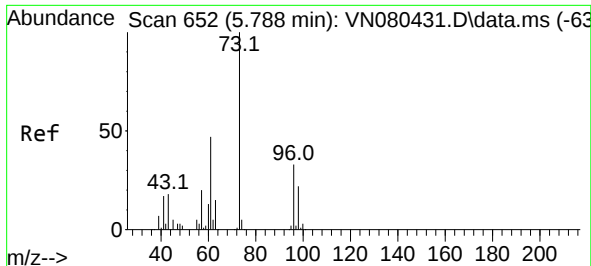


#18
Methyl Acetate
Concen: 18.715 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion: 43 Resp: 79414
Ion Ratio Lower Upper
43 100
74 31.8 26.2 39.4





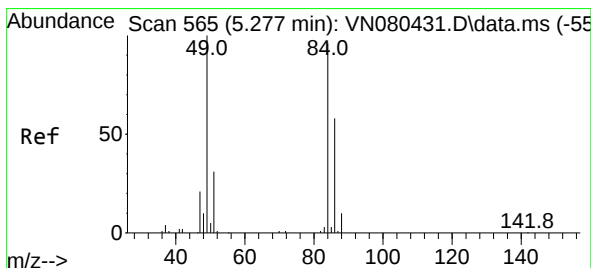
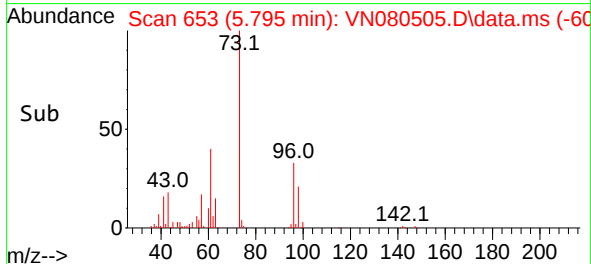
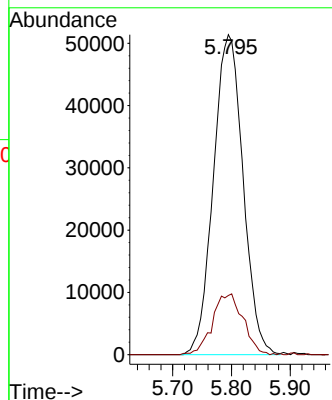
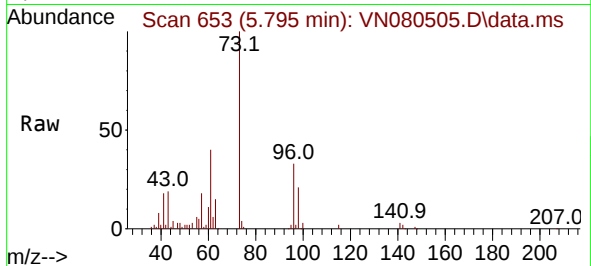
#19
Methyl tert-butyl Ether
Concen: 17.245 ug/l
RT: 5.795 min Scan# 614
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 73 Resp: 180114
Ion Ratio Lower Upper
73 100
57 18.5 15.6 23.4

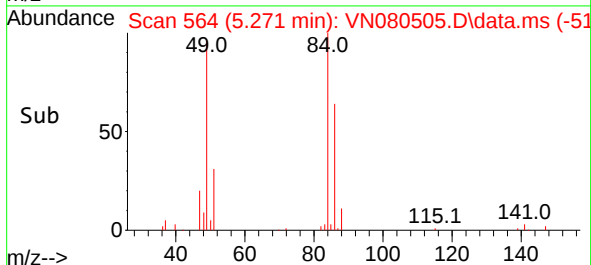
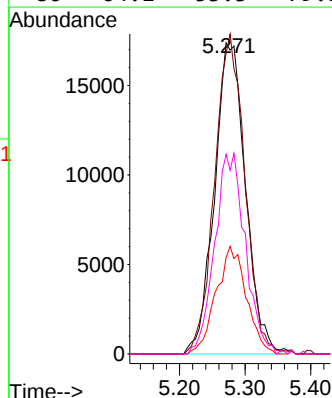
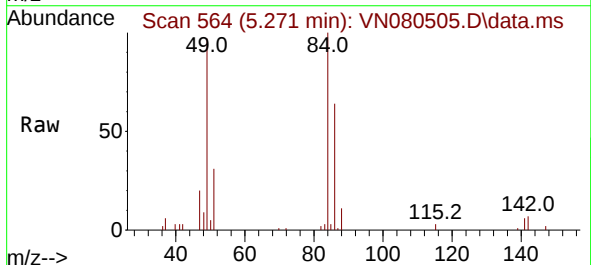
Manual Integrations
APPROVED

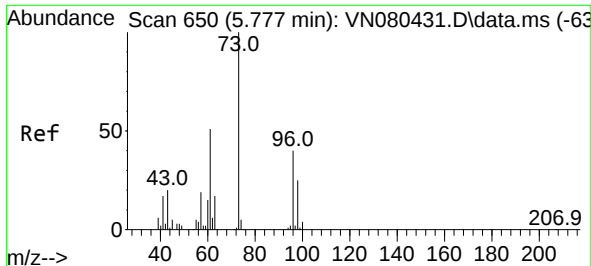
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 16.175 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 84 Resp: 57087
Ion Ratio Lower Upper
84 100
49 96.6 79.7 119.5
51 31.0 25.2 37.8
86 64.1 53.3 79.9





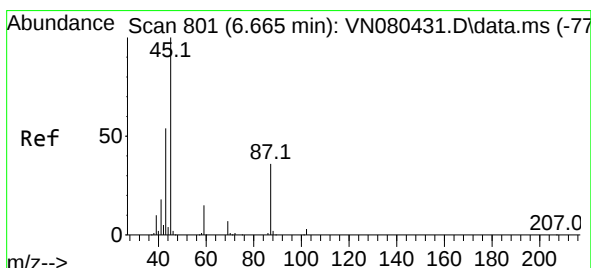
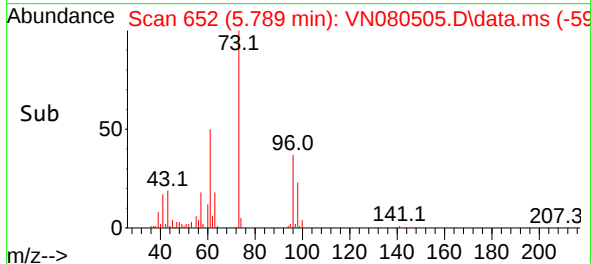
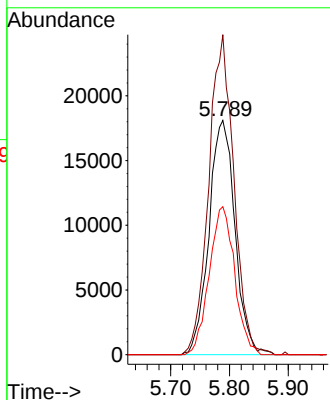
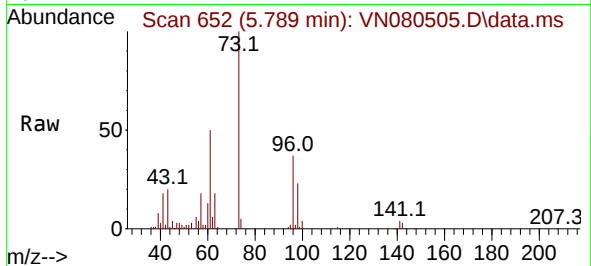
#21
trans-1,2-Dichloroethene
Concen: 16.394 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 96 Resp: 5564
Ion Ratio Lower Upper
96 100
61 136.6 90.1 135.1
98 63.2 46.4 69.6

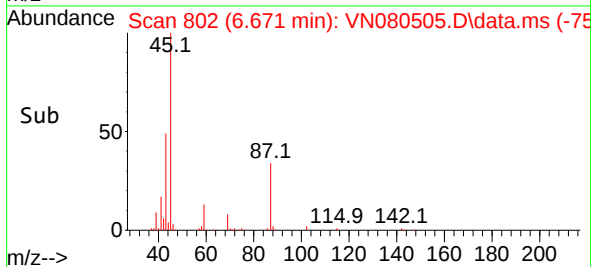
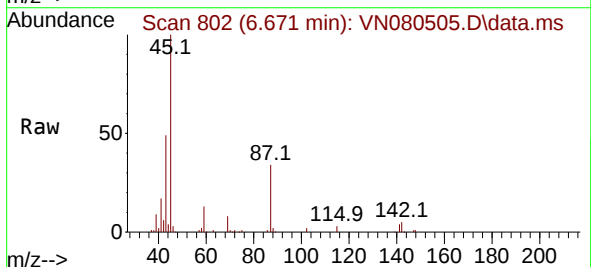
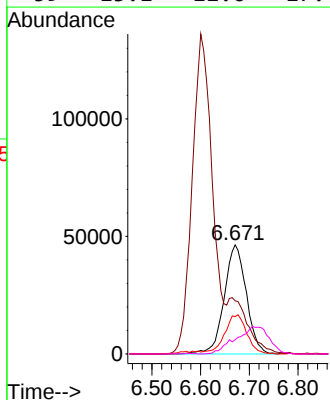
Manual Integrations
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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#22
Diisopropyl ether
Concen: 17.521 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

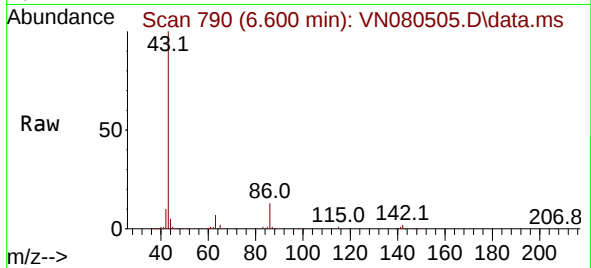
Tgt Ion: 45 Resp: 146467
Ion Ratio Lower Upper
45 100
43 47.3 45.5 68.3
87 34.3 31.8 47.8
59 13.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 82.470 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080505.D
 Acq: 15 Dec 2023 15:59

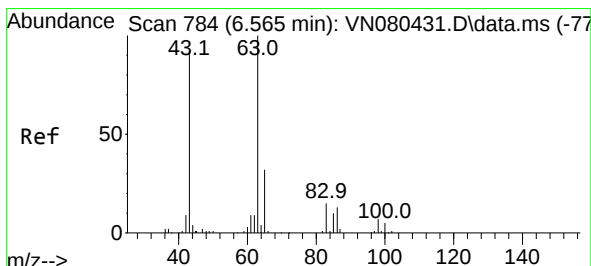
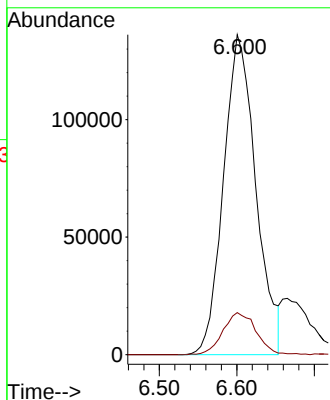
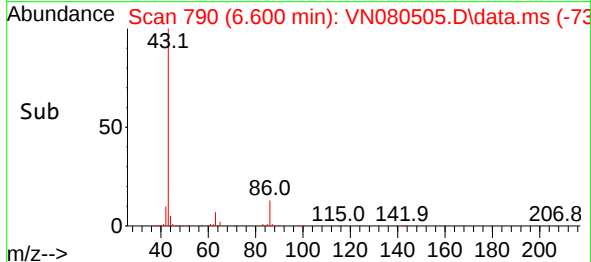
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1215WBSD01



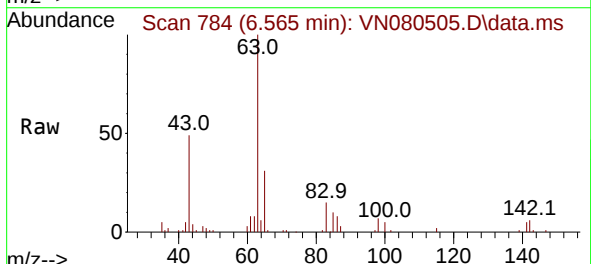
Tgt Ion: 43 Resp: 395949
 Ion Ratio Lower Upper
 43 100
 86 13.2 13.0 19.6

Manual Integrations
 APPROVED

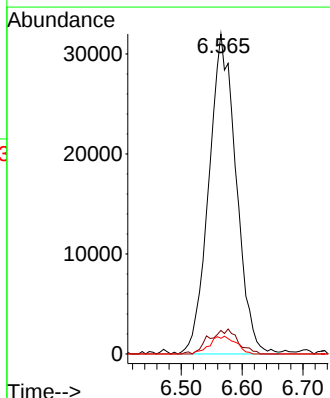
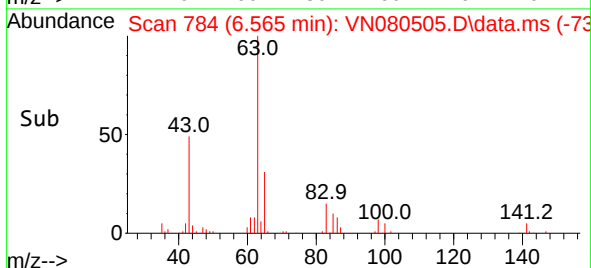
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 17.087 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080505.D
 Acq: 15 Dec 2023 15:59



Tgt Ion: 63 Resp: 99660
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.9 11.7
 100 4.9 2.5 7.4





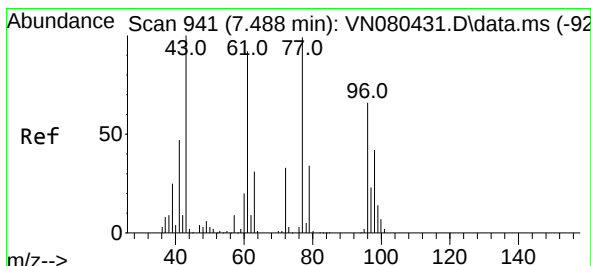
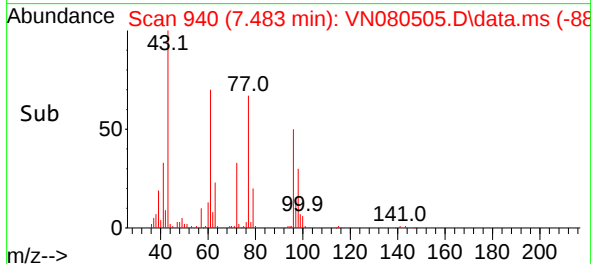
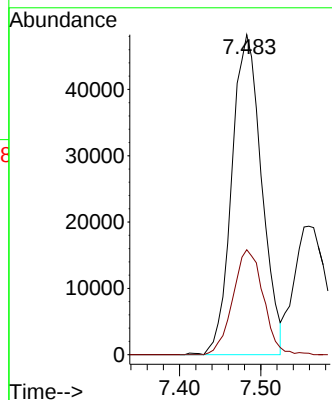
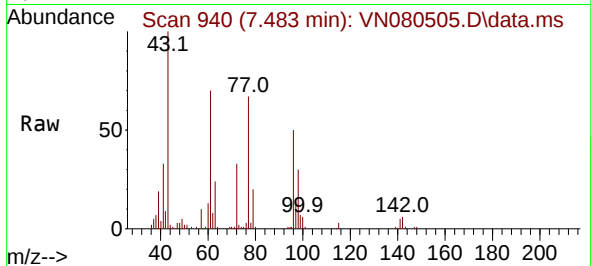
#25
2-Butanone
Concen: 97.117 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 43 Resp: 123380
Ion Ratio Lower Upper
43 100
72 32.8 30.2 45.2

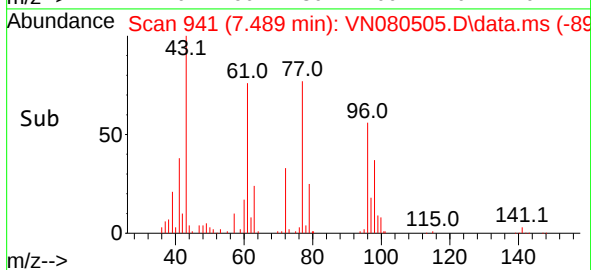
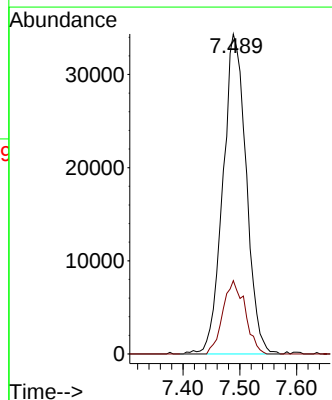
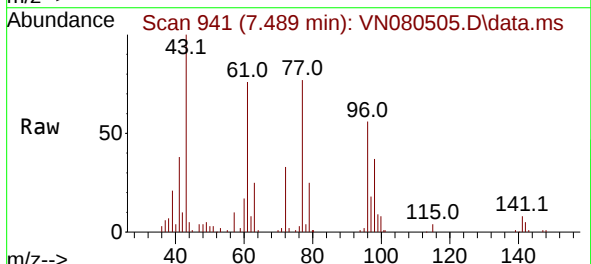
Manual Integrations
APPROVED

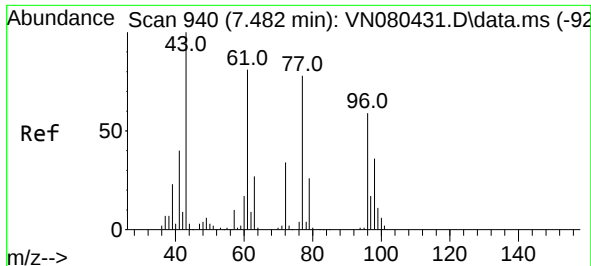
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#26
2,2-Dichloropropane
Concen: 16.424 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 77 Resp: 97954
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6





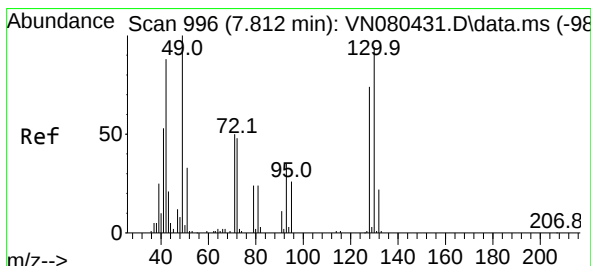
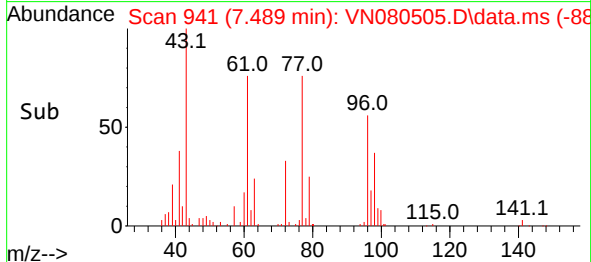
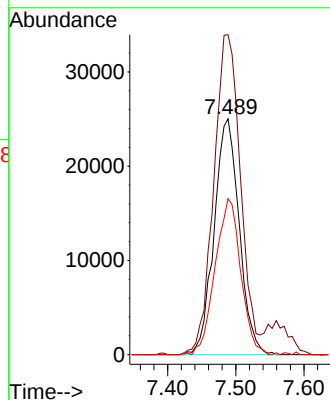
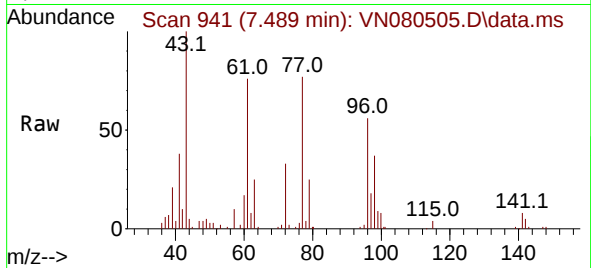
#27
cis-1,2-Dichloroethene
Concen: 16.693 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 96 Resp: 6413
Ion Ratio Lower Upper
96 100
61 144.5 0.0 255.2
98 67.4 0.0 128.8

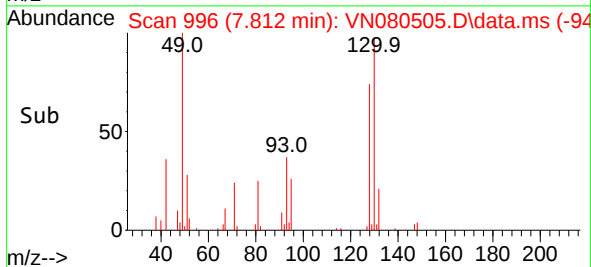
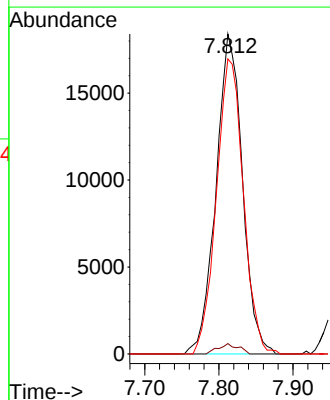
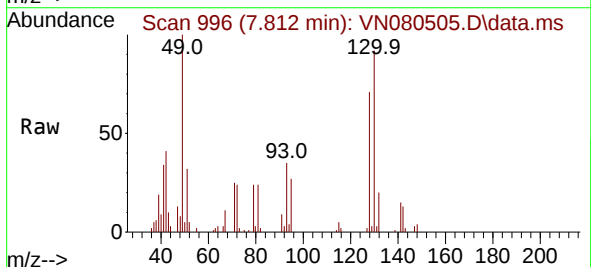
Manual Integrations
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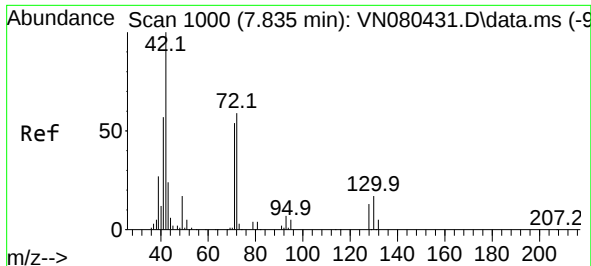
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#28
Bromochloromethane
Concen: 20.320 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 49 Resp: 45503
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 93.8 75.3 112.9





#29

Tetrahydrofuran

Concen: 88.980 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

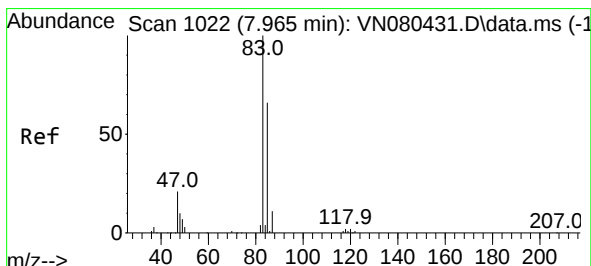
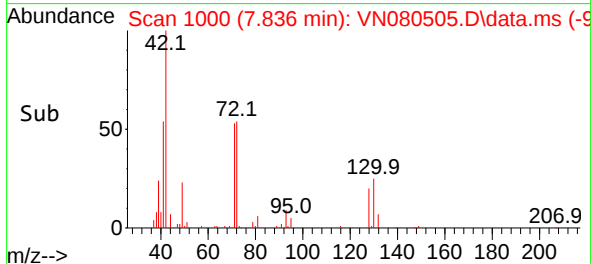
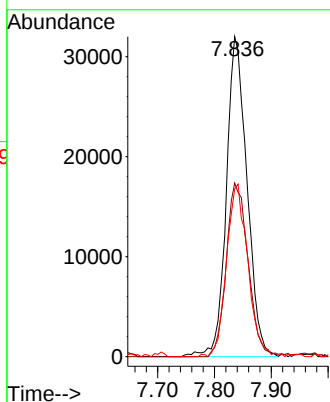
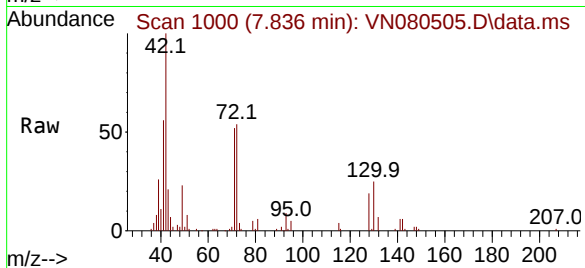
Tgt Ion: 42 Resp: 8094

Ion	Ratio	Lower	Upper
42	100		
72	57.1	49.8	74.6
71	55.7	47.4	71.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 17.193 ug/l

RT: 7.965 min Scan# 1022

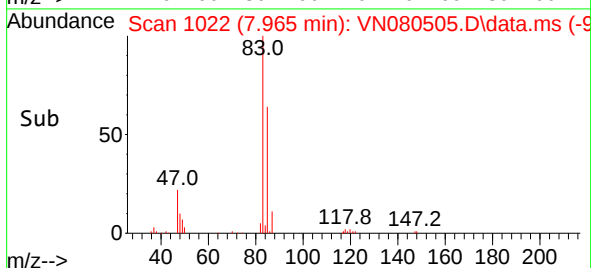
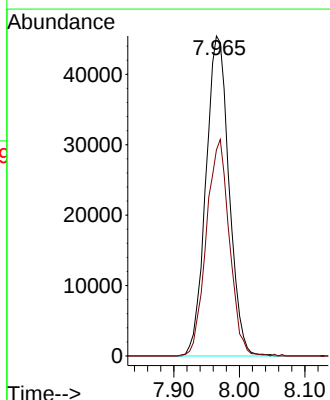
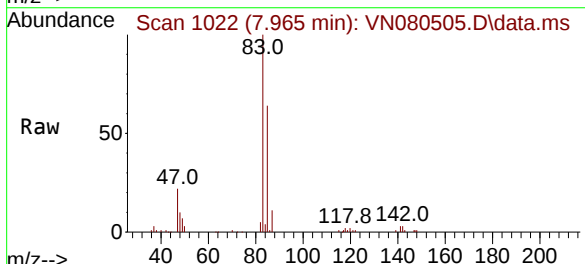
Delta R.T. 0.000 min

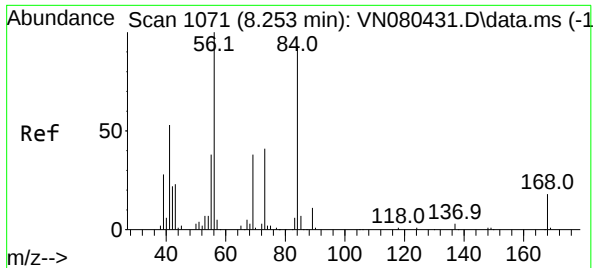
Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion: 83 Resp: 111305

Ion	Ratio	Lower	Upper
83	100		
85	64.4	55.4	83.0





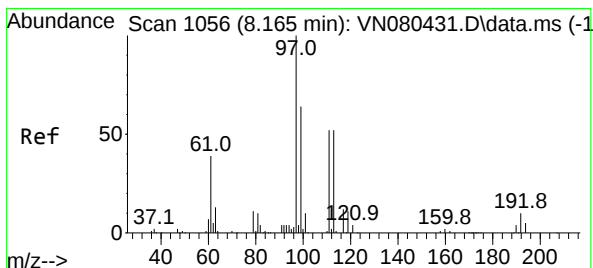
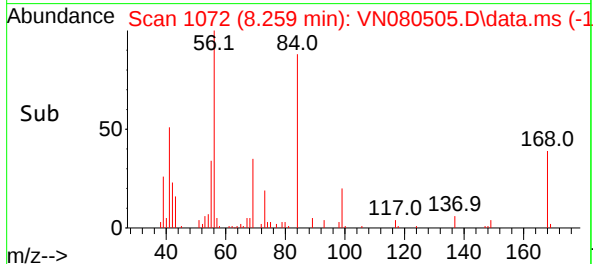
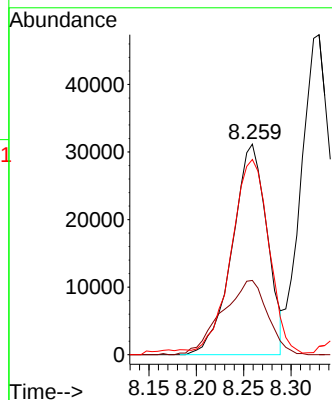
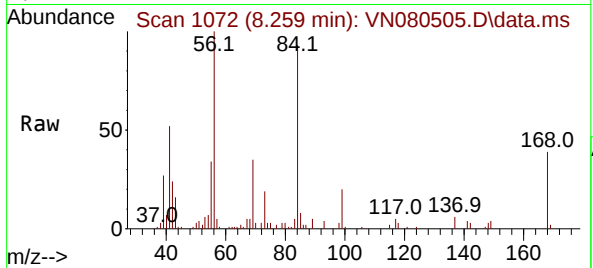
#31
Cyclohexane
Concen: 15.735 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 56 Resp: 7958
Ion Ratio Lower Upper
56 100
69 34.5 26.8 40.2
84 90.3 81.8 122.6

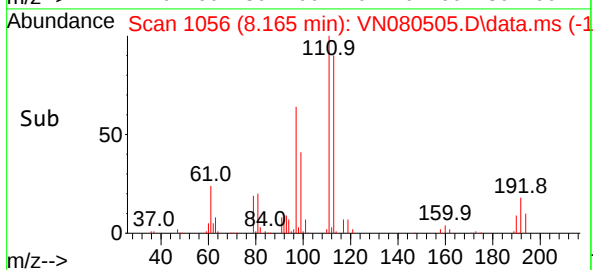
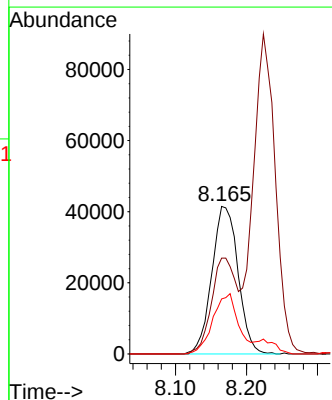
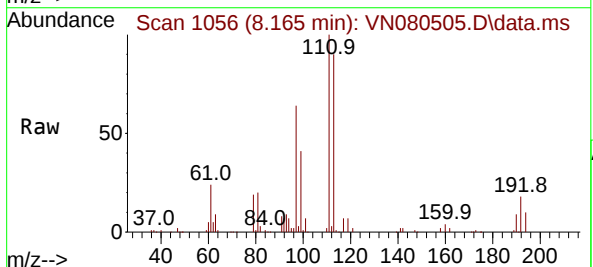
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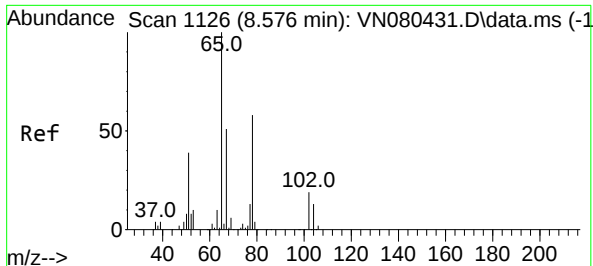
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#32
1,1,1-Trichloroethane
Concen: 16.760 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 97 Resp: 106235
Ion Ratio Lower Upper
97 100
99 60.3 50.3 75.5
61 39.6 34.7 52.1





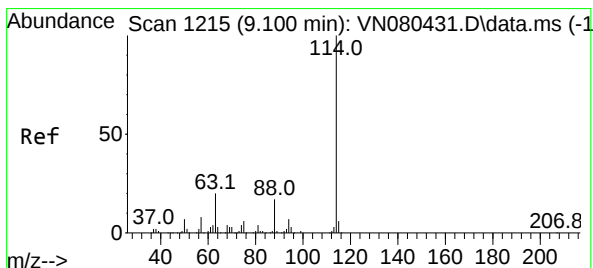
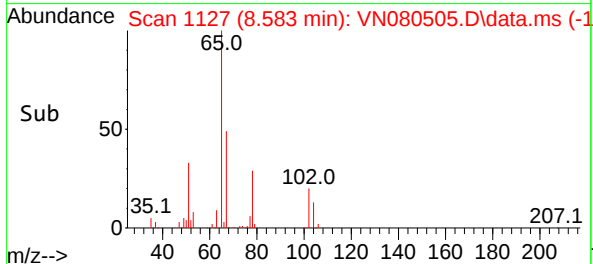
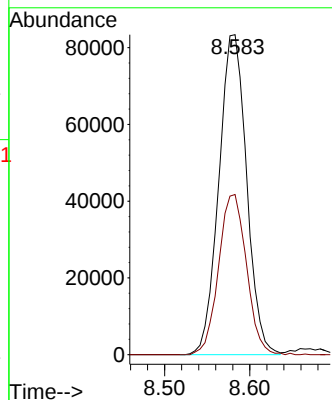
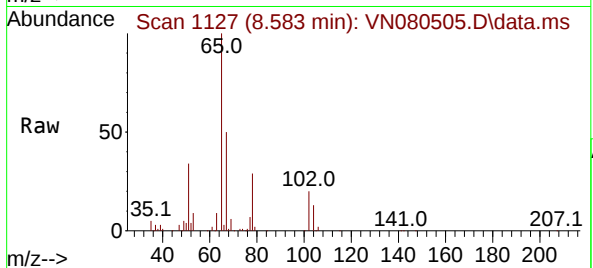
#33
1,2-Dichloroethane-d4
Concen: 50.862 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 65 Resp: 189170
Ion Ratio Lower Upper
65 100
67 50.2 0.0 106.6

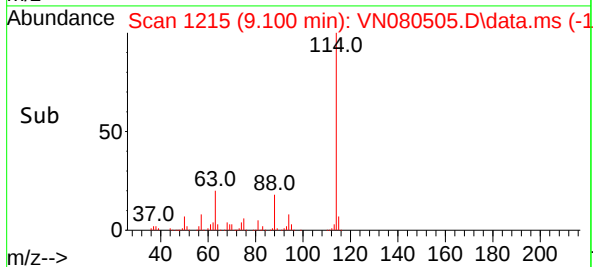
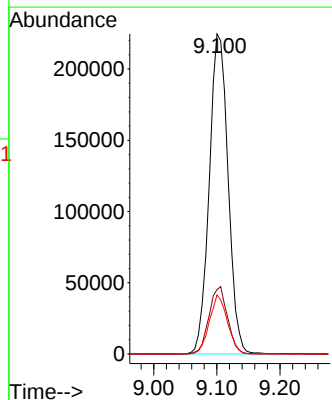
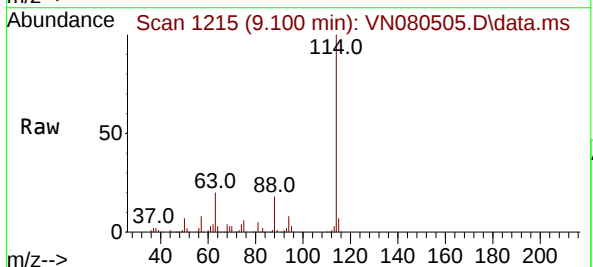
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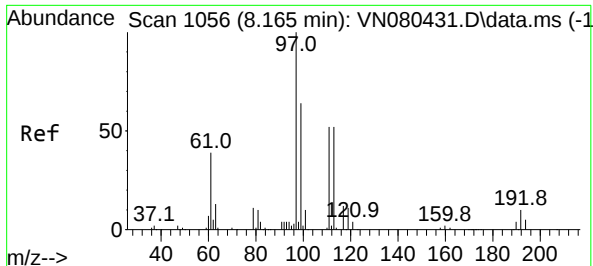
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion:114 Resp: 465707
Ion Ratio Lower Upper
114 100
63 20.1 0.0 36.4
88 18.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.323 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

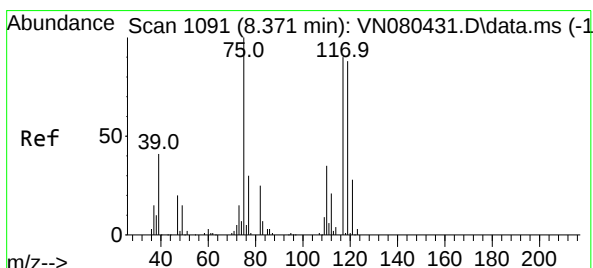
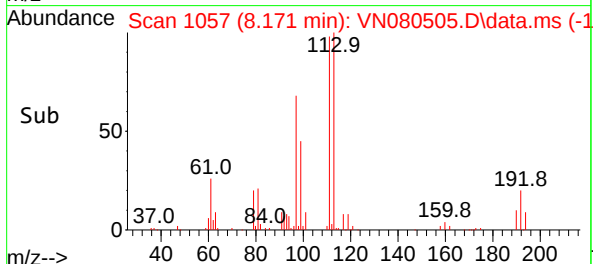
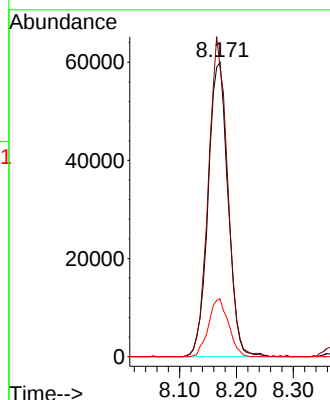
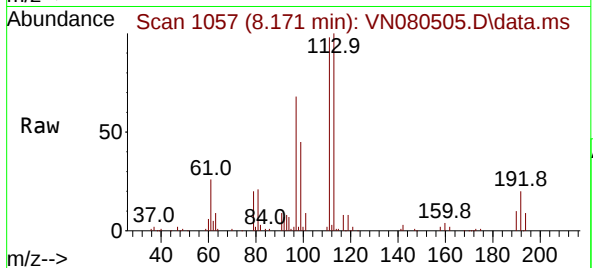
Tgt Ion:113 Resp: 145640

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.6	123.8
192	19.8	12.7	19.1

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#36

1,1-Dichloropropene

Concen: 16.490 ug/l

RT: 8.377 min Scan# 1092

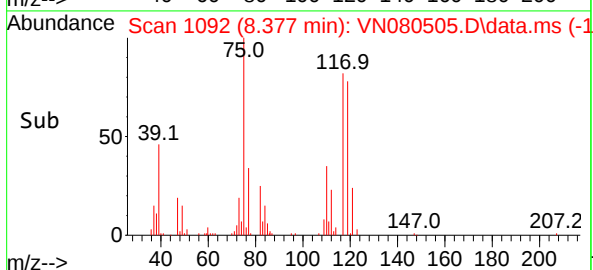
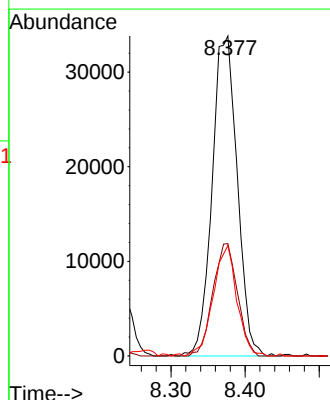
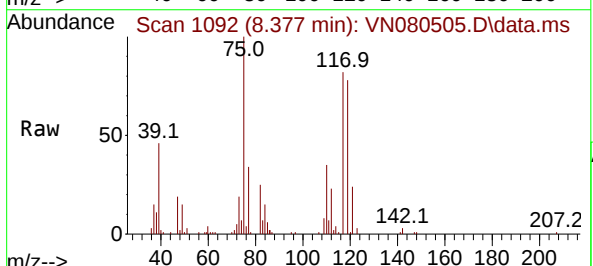
Delta R.T. 0.006 min

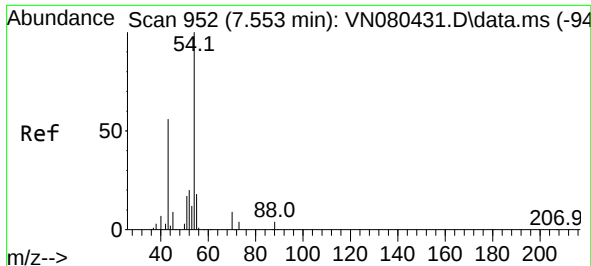
Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion: 75 Resp: 79613

Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.1	57.3
77	32.5	25.0	37.4





#37

Ethyl Acetate

Concen: 18.140 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

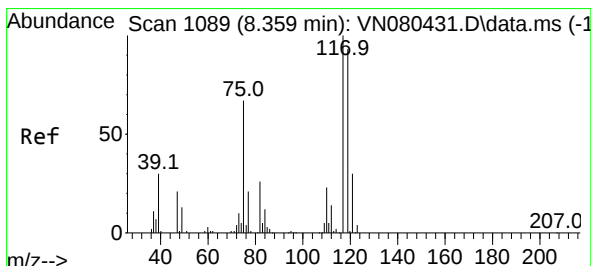
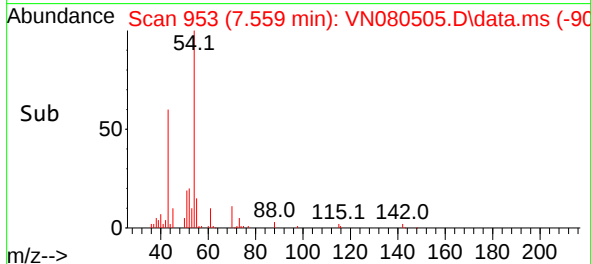
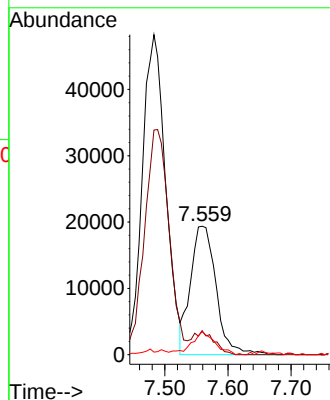
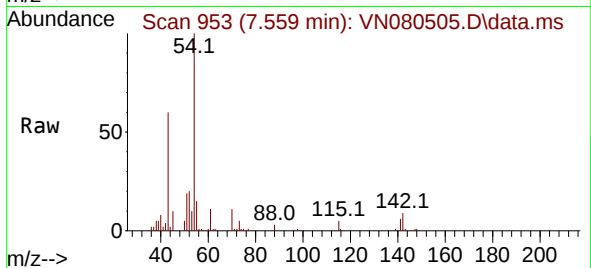
VN1215WBSD01

Tgt Ion: 43	Resp: 5484
Ion Ratio	Lower Upper
43 100	
61 15.3	13.2 19.8
70 16.5	11.3 16.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#38

Carbon Tetrachloride

Concen: 16.335 ug/l

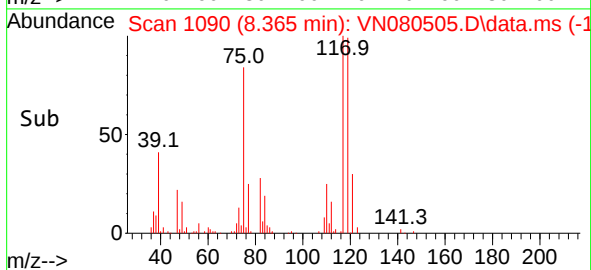
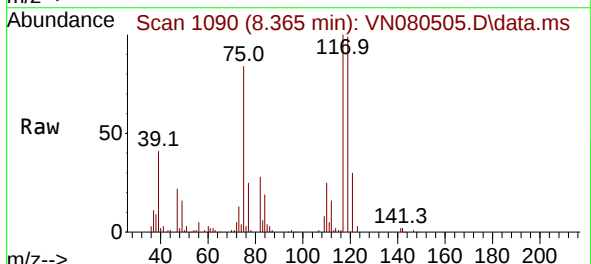
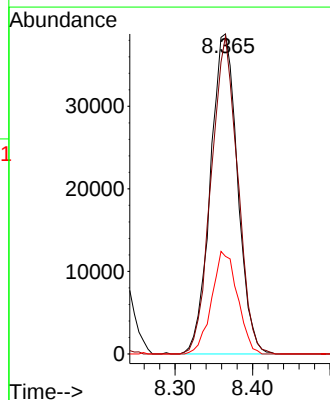
RT: 8.365 min Scan# 1090

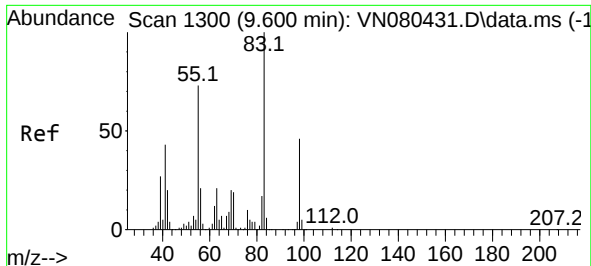
Delta R.T. 0.006 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:117	Resp: 94237
Ion Ratio	Lower Upper
117 100	
119 99.2	77.3 115.9
121 30.5	23.3 34.9





#39

Methylcyclohexane

Concen: 15.342 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080505.D

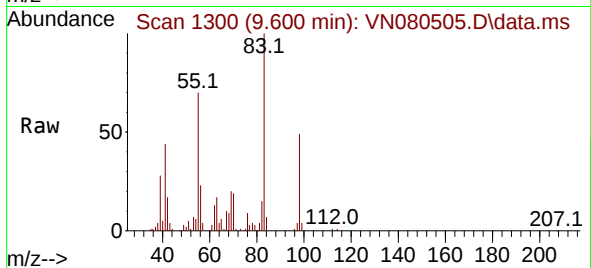
Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

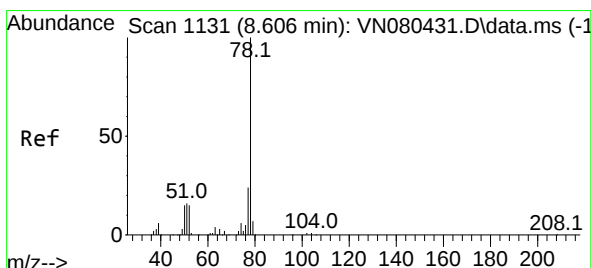
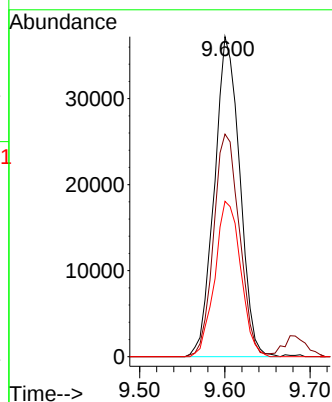
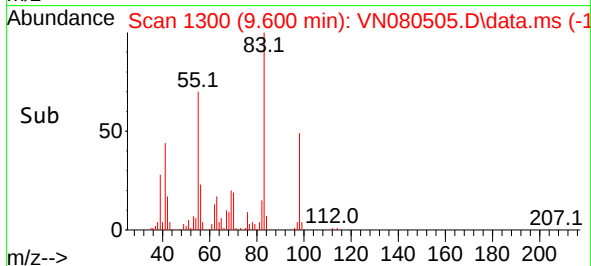


Tgt Ion:	83	Resp:	76950
Ion Ratio	Lower	Upper	
83	100		
55	69.5	49.1	73.7
98	48.6	40.6	61.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#40

Benzene

Concen: 16.647 ug/l

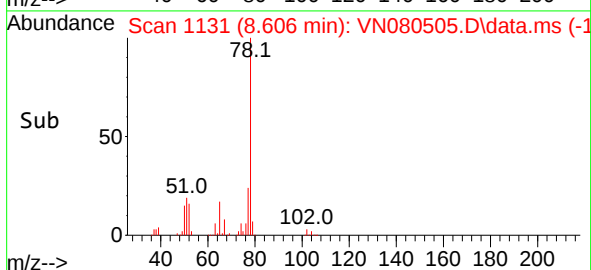
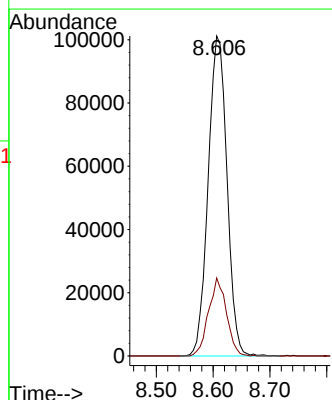
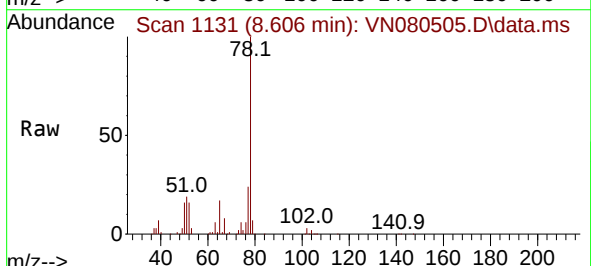
RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:	78	Resp:	232079
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.0	28.6





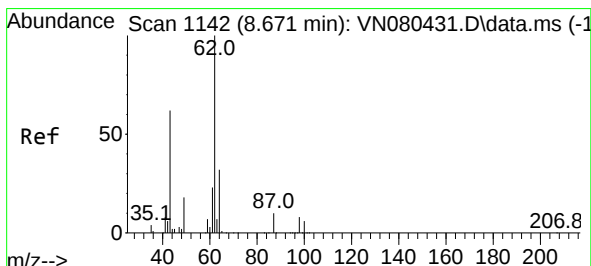
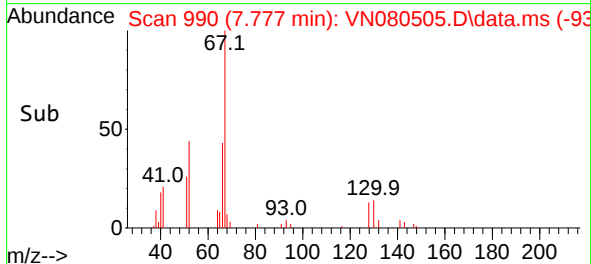
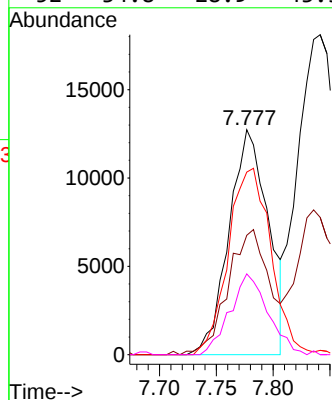
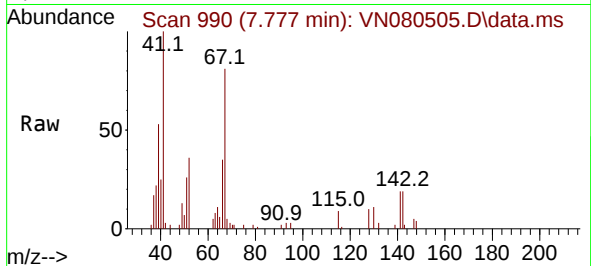
#41
Methacrylonitrile
Concen: 17.626 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 41	Resp: 3072
Ion Ratio	Lower Upper
41 100	
39 58.3	42.6 64.0
67 90.0	77.5 116.3
52 34.8	28.9 43.3

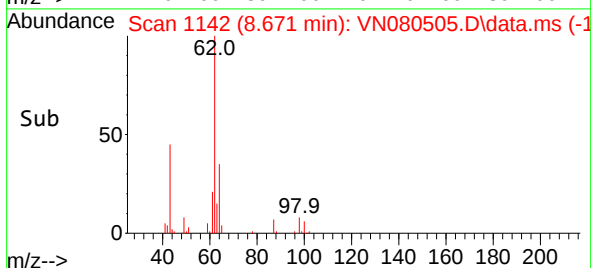
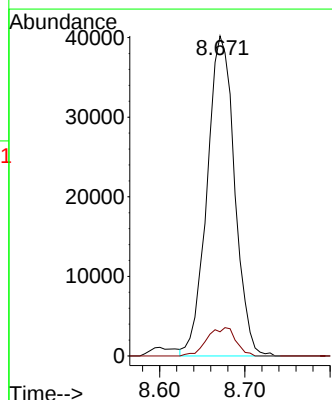
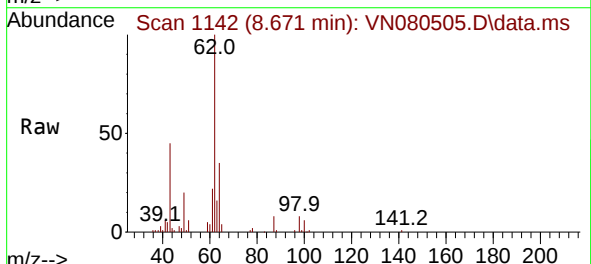
Manual Integrations
APPROVED

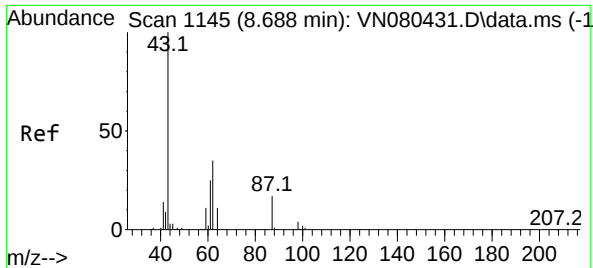
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 17.471 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion: 62	Resp: 90197
Ion Ratio	Lower Upper
62 100	
98 9.3	0.0 19.8





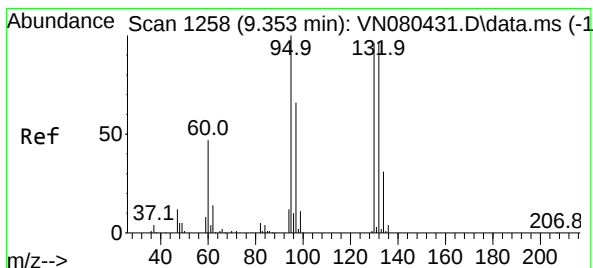
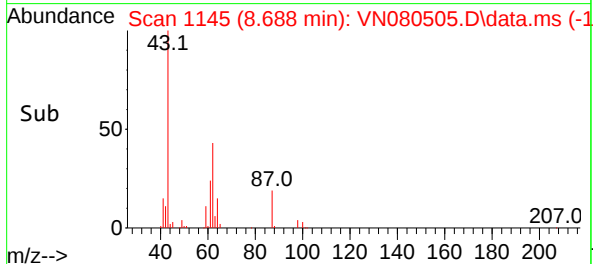
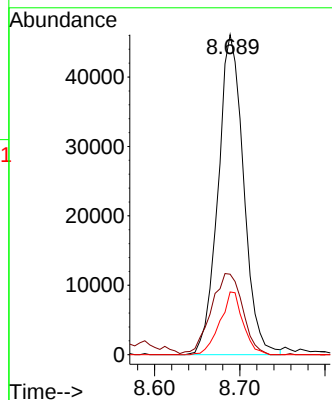
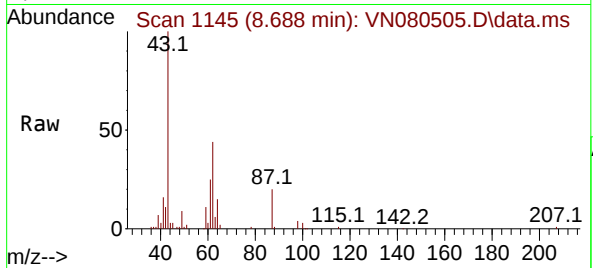
#43
Isopropyl Acetate
Concen: 17.648 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 43 Resp: 9593
Ion Ratio Lower Upper
43 100
61 31.2 24.7 37.1
87 17.7 14.6 21.8

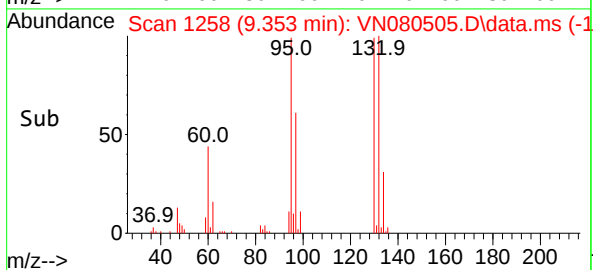
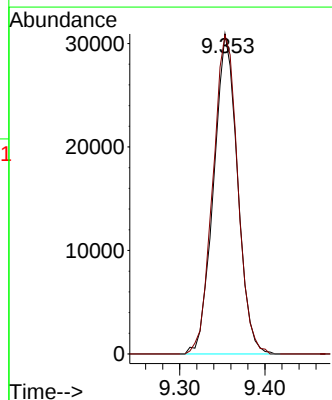
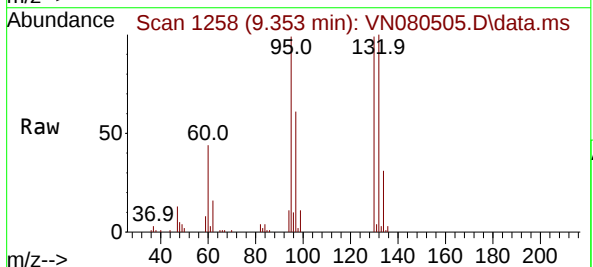
Manual Integrations
APPROVED

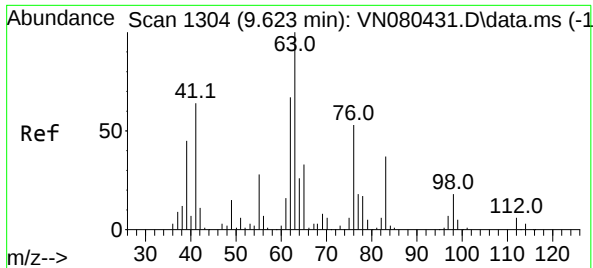
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 16.038 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

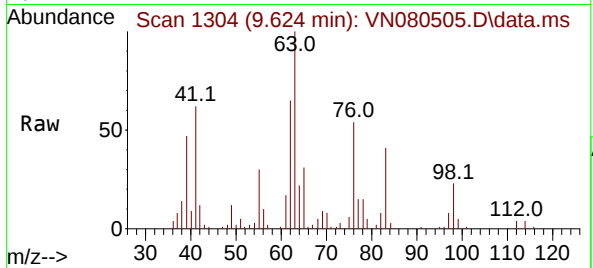
Tgt Ion:130 Resp: 60277
Ion Ratio Lower Upper
130 100
95 99.6 0.0 204.6





#45
1,2-Dichloropropane
Concen: 17.612 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

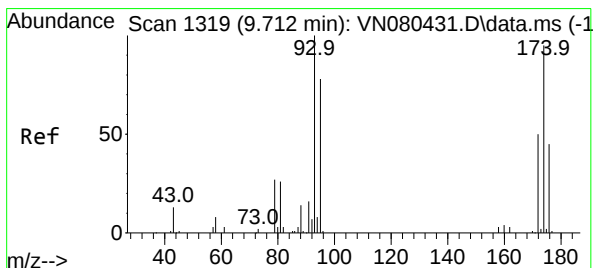
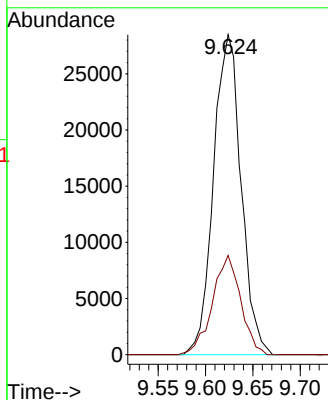
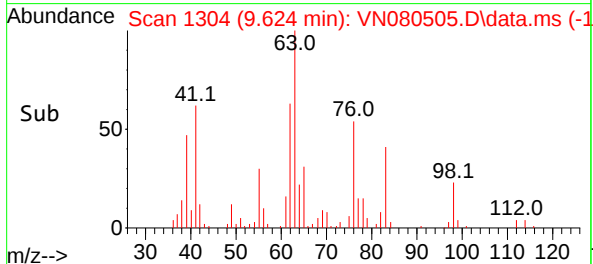
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



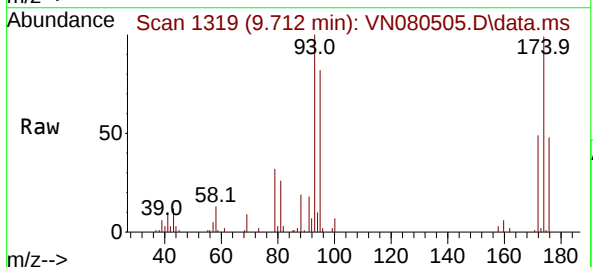
Tgt Ion: 63 Resp: 57670
Ion Ratio Lower Upper
63 100
65 31.0 23.9 35.9

Manual Integrations
APPROVED

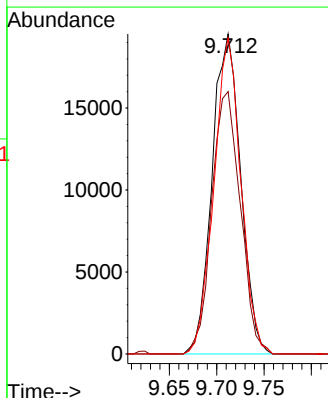
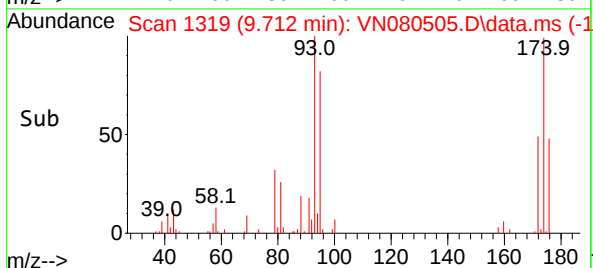
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

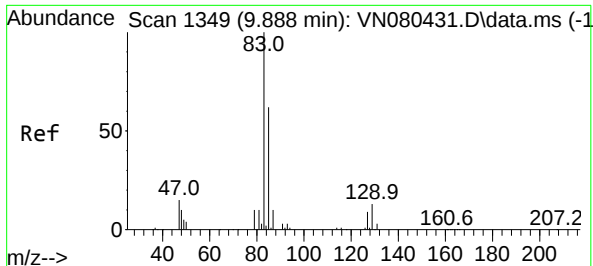


#46
Dibromomethane
Concen: 17.372 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



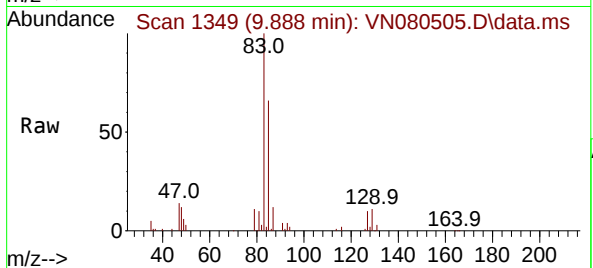
Tgt Ion: 93 Resp: 40849
Ion Ratio Lower Upper
93 100
95 82.6 63.8 95.8
174 93.6 65.6 98.4





#47
Bromodichloromethane
Concen: 17.203 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

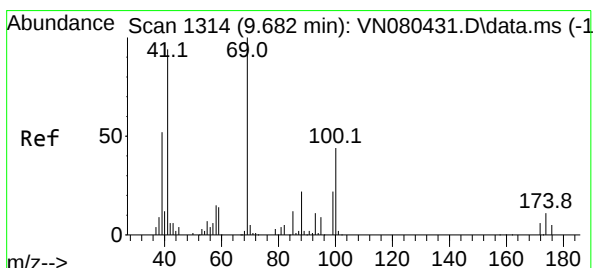
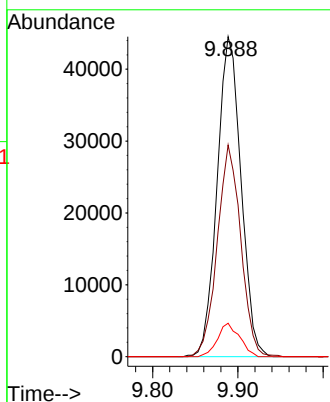
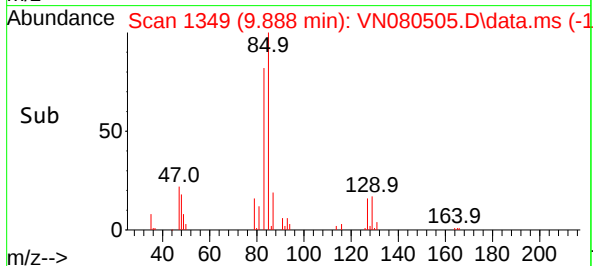
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



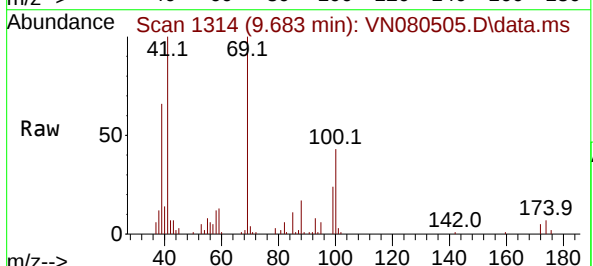
Tgt Ion: 83 Resp: 86700
Ion Ratio Lower Upper
83 100
85 66.1 49.6 74.4
127 10.4 7.0 10.6

Manual Integrations
APPROVED

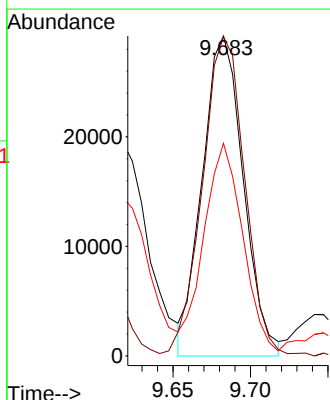
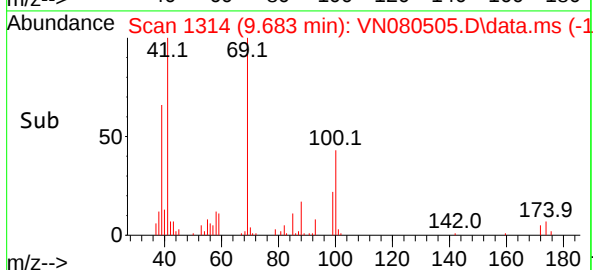
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

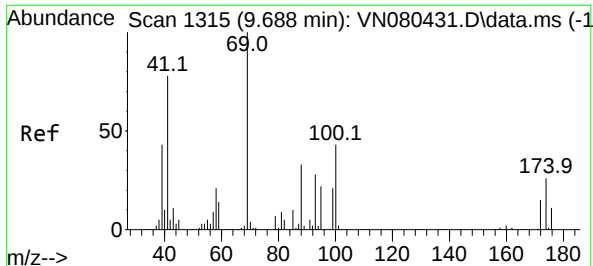


#48
Methyl methacrylate
Concen: 16.580 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion: 41 Resp: 53784
Ion Ratio Lower Upper
41 100
69 103.1 90.4 135.6
39 63.9 54.6 81.8





#49

1,4-Dioxane

Concen: 339.623 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion: 88 Resp: 1669

Ion Ratio Lower Upper

88 100

43 29.5 17.0 25.6

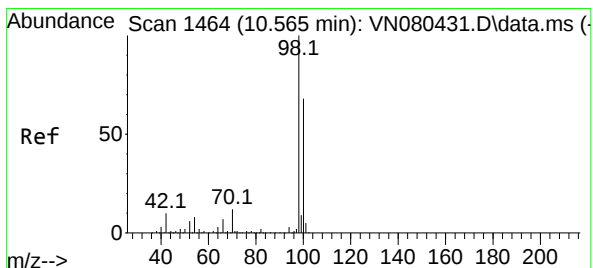
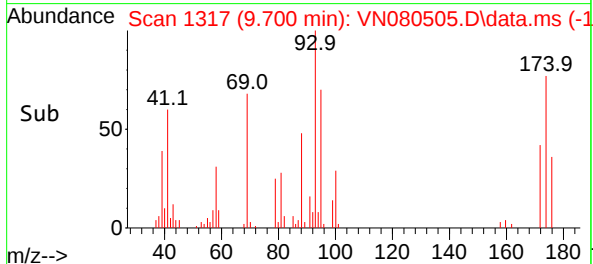
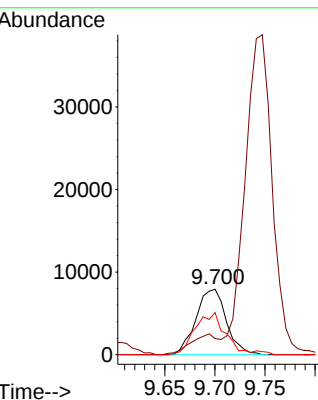
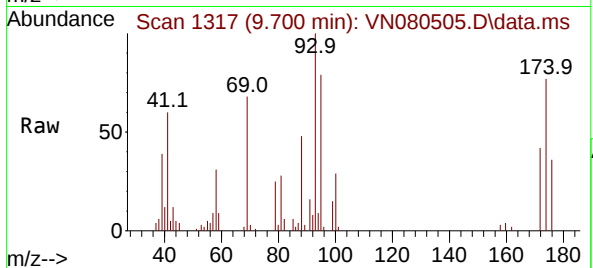
58 63.5 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 49.409 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080505.D

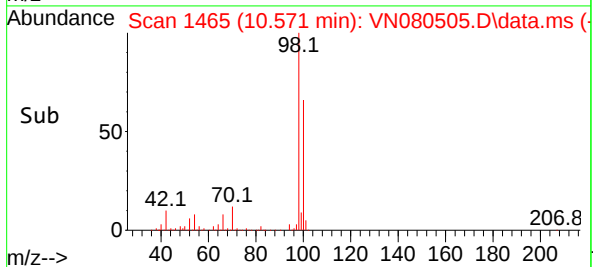
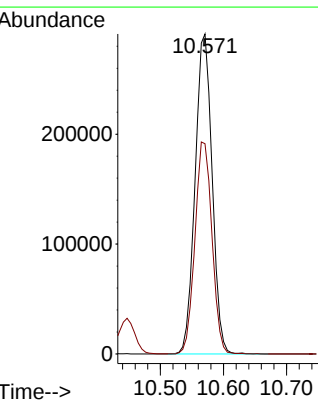
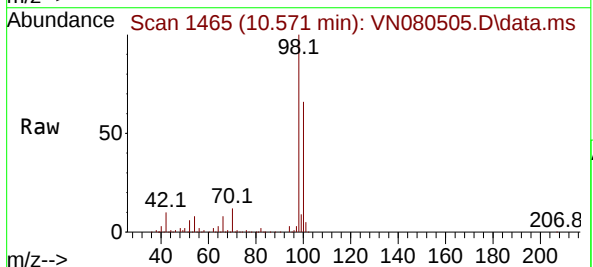
Acq: 15 Dec 2023 15:59

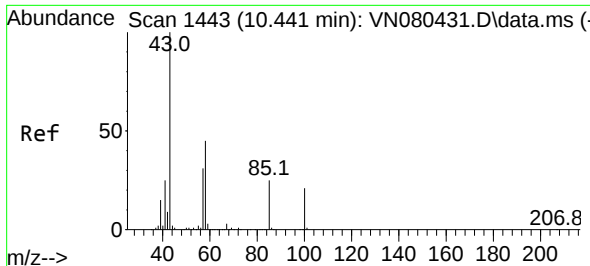
Tgt Ion: 98 Resp: 544107

Ion Ratio Lower Upper

98 100

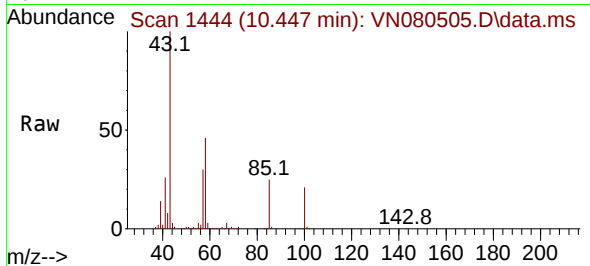
100 66.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 91.794 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

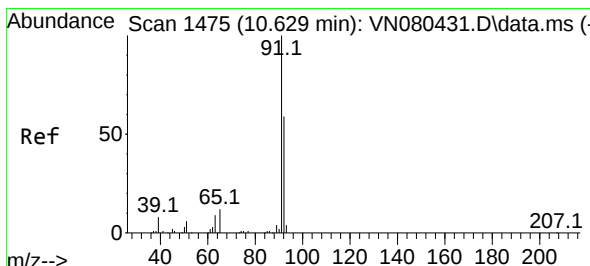
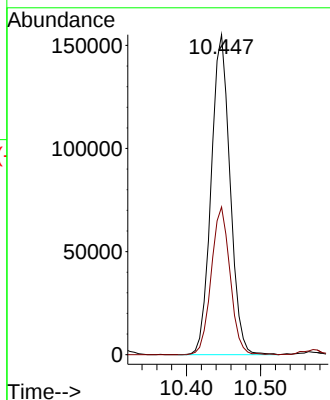
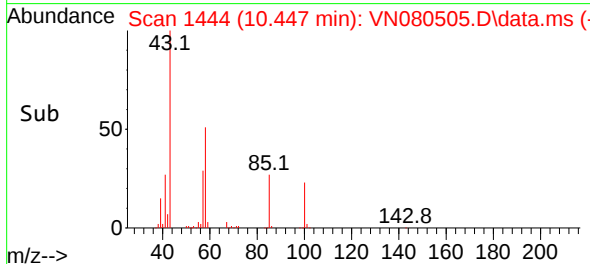
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 27481
Ion Ratio Lower Upper
43 100
58 45.9 36.6 54.8

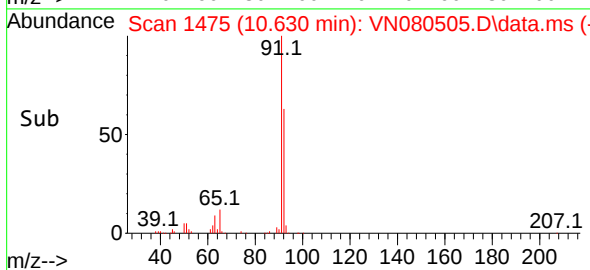
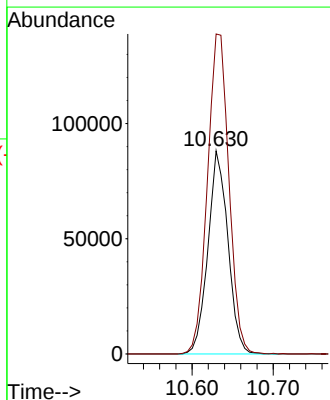
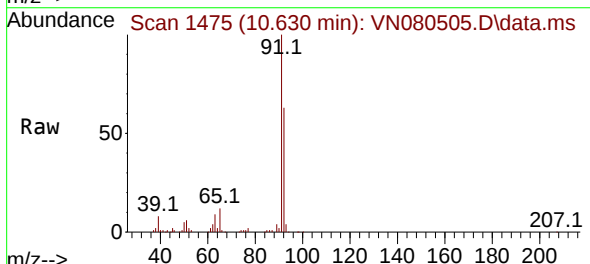
Manual Integrations
APPROVED

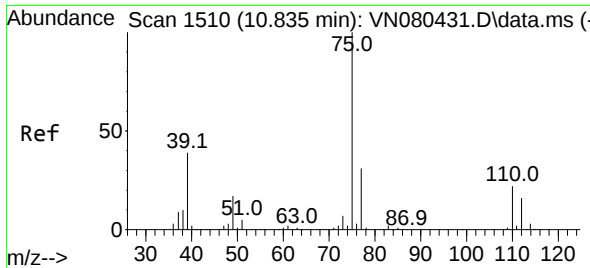
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 17.095 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

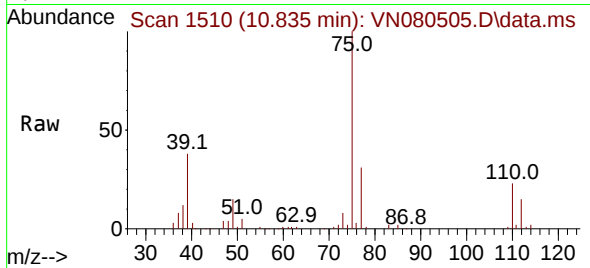
Tgt Ion: 92 Resp: 150561
Ion Ratio Lower Upper
92 100
91 169.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.312 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

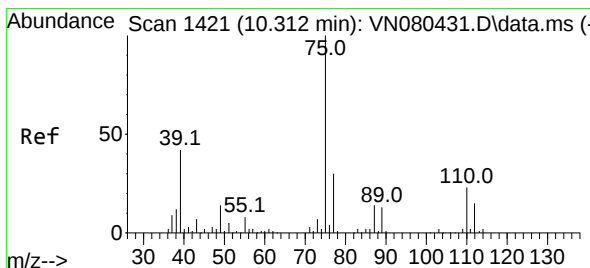
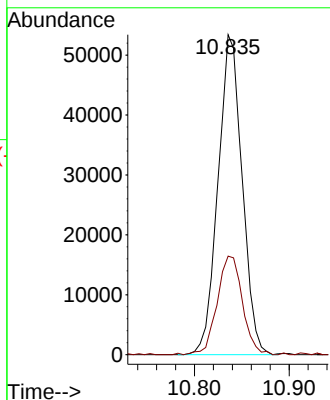
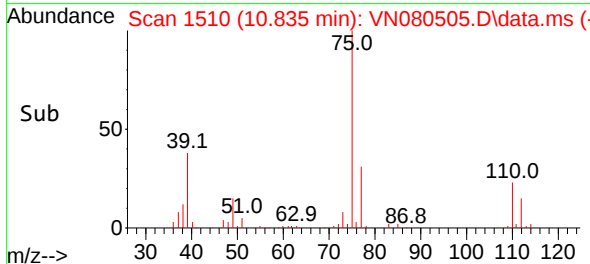
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



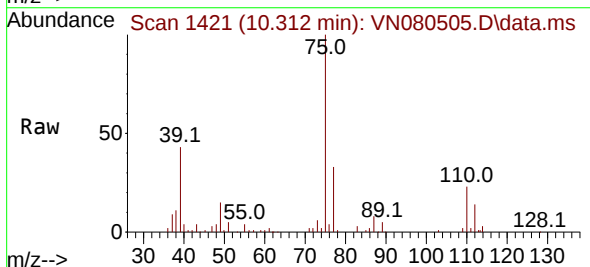
Tgt Ion: 75 Resp: 94399
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0

Manual Integrations
APPROVED

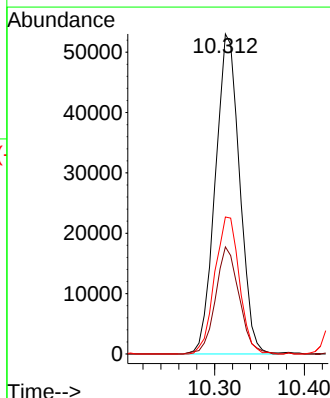
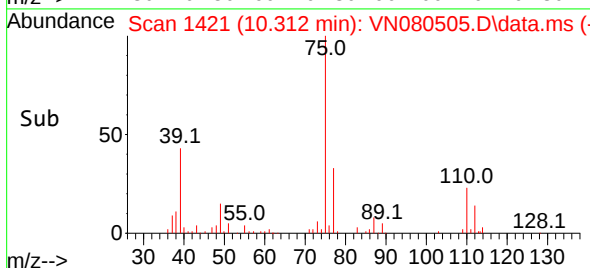
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

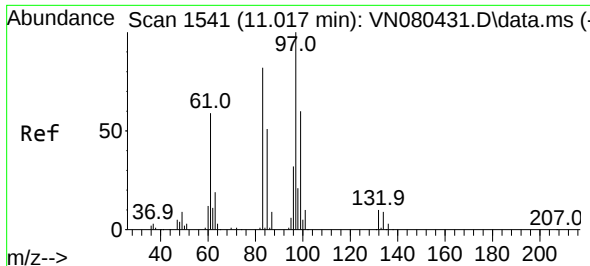


#54
cis-1,3-Dichloropropene
Concen: 17.082 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



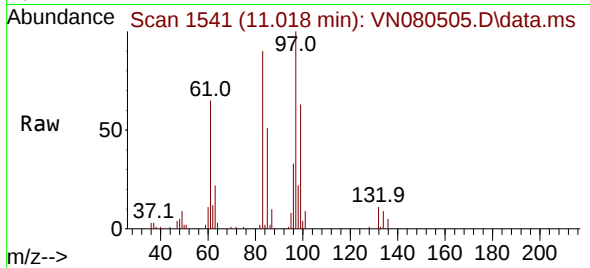
Tgt Ion: 75 Resp: 99556
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 42.8 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 17.706 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

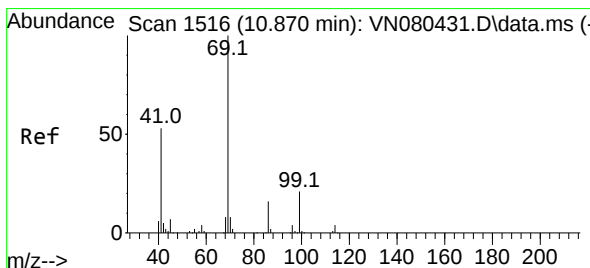
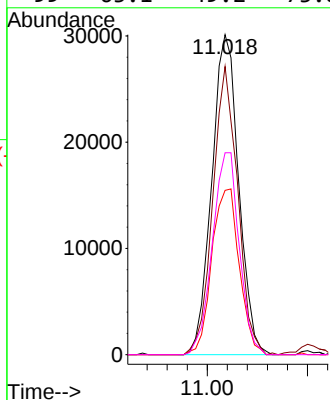
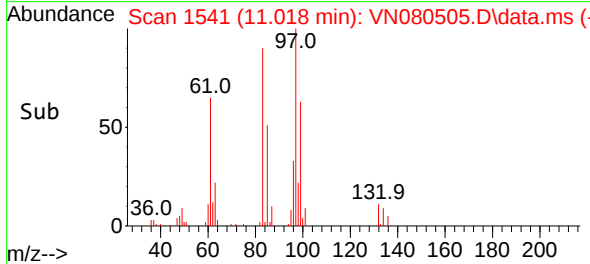
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion:	97	Resp:	5611
Ion Ratio	Lower	Upper	
97	100		
83	90.0	65.1	97.7
85	51.3	43.4	65.2
99	63.1	49.2	73.8

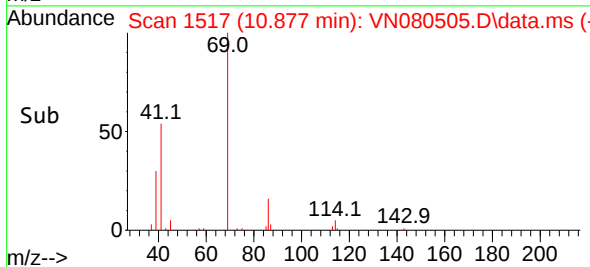
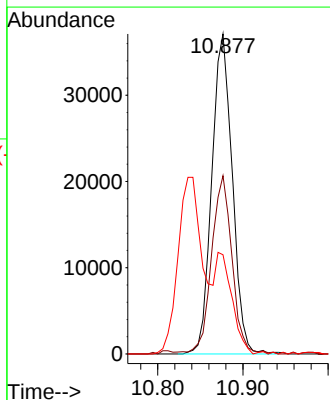
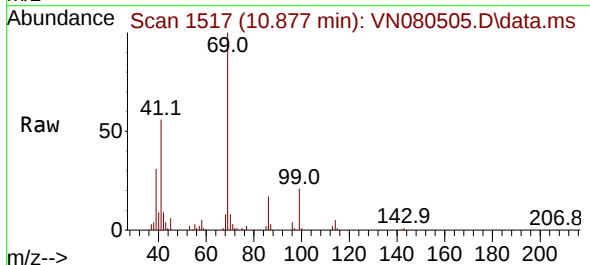
Manual Integrations
APPROVED

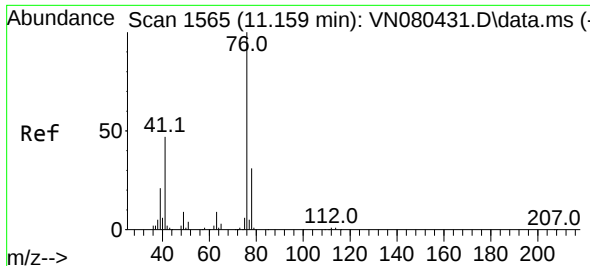
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#56
Ethyl methacrylate
Concen: 17.707 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

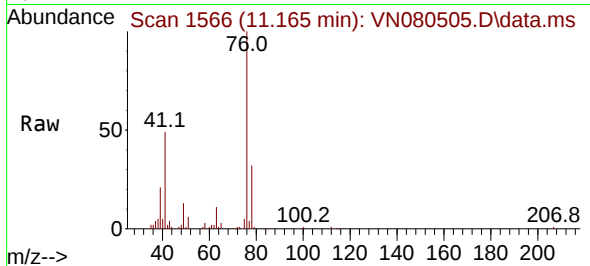
Tgt Ion:	69	Resp:	62127
Ion Ratio	Lower	Upper	
69	100		
41	55.9	39.6	59.4
39	23.9	28.6	43.0





#57
1,3-Dichloropropane
Concen: 17.624 ug/l
RT: 11.165 min Scan# 1565
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

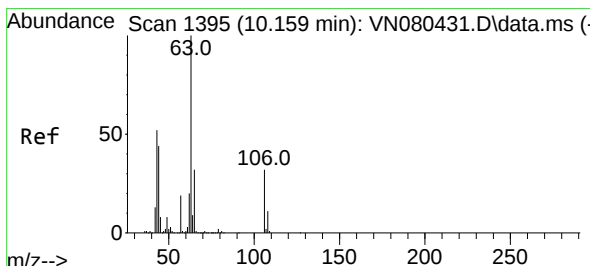
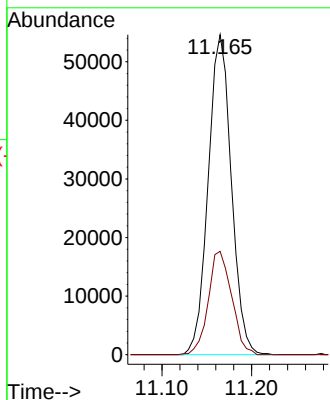
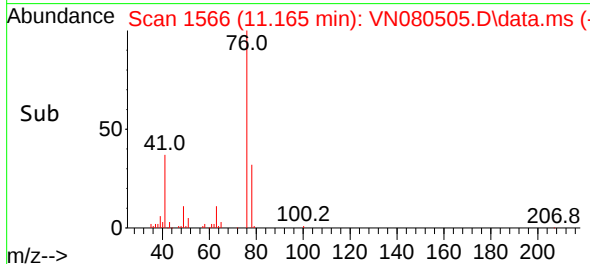
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 76 Resp: 97905
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

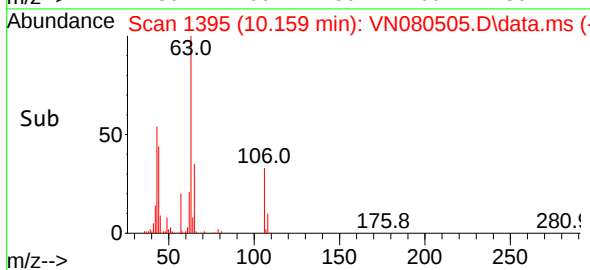
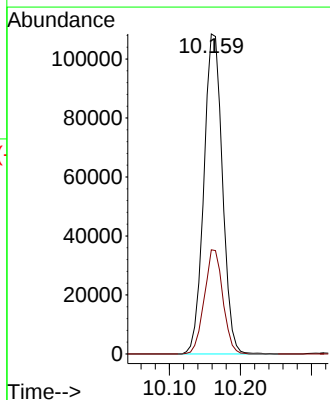
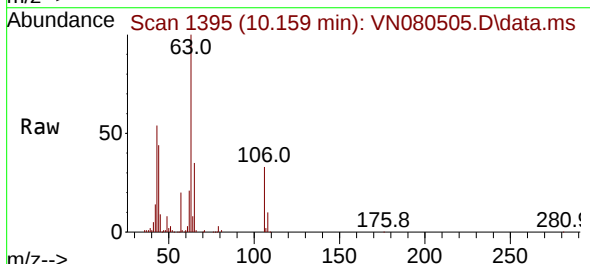
Manual Integrations
APPROVED

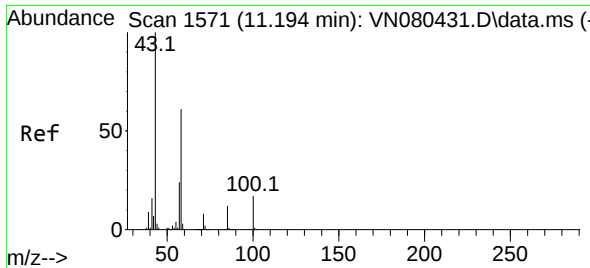
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 89.082 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

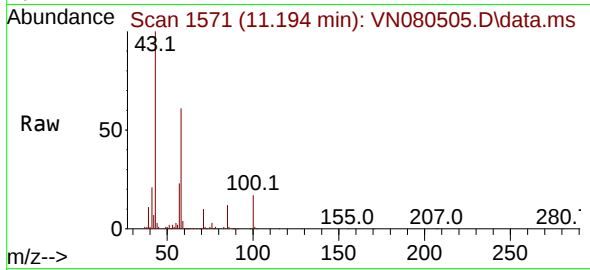
Tgt Ion: 63 Resp: 197315
Ion Ratio Lower Upper
63 100
106 32.4 26.2 39.4





#59
2-Hexanone
Concen: 90.873 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

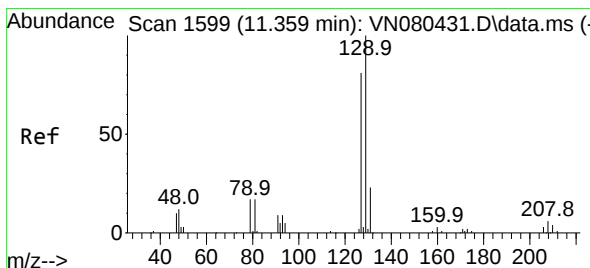
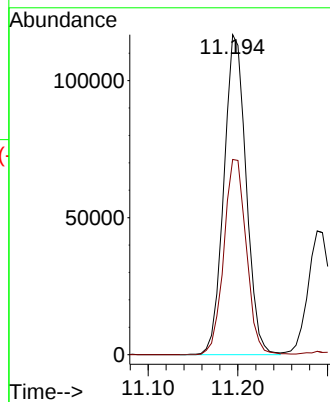
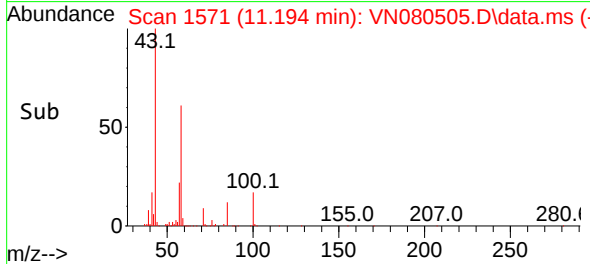
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 43 Resp: 200844
Ion Ratio Lower Upper
43 100
58 61.7 31.7 95.1

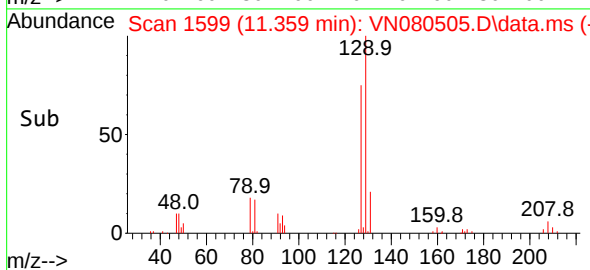
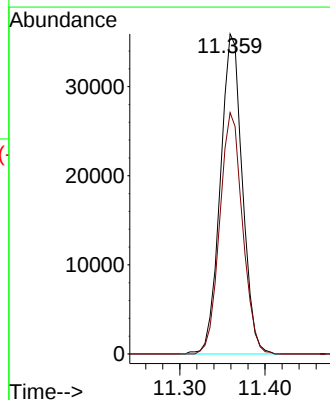
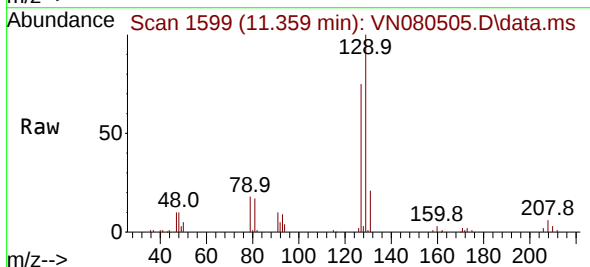
Manual Integrations
APPROVED

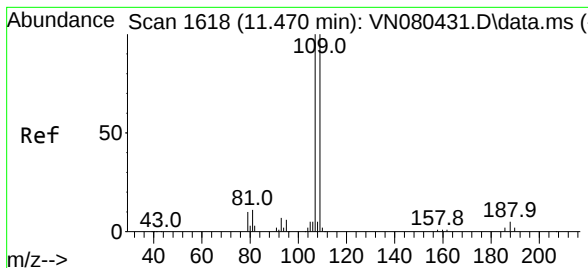
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 17.188 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion:129 Resp: 64546
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





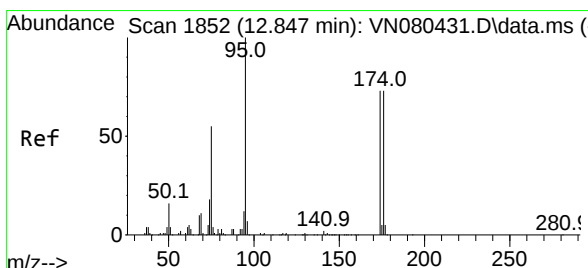
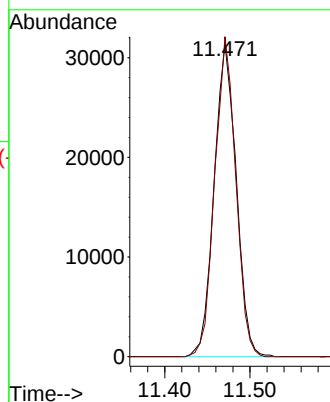
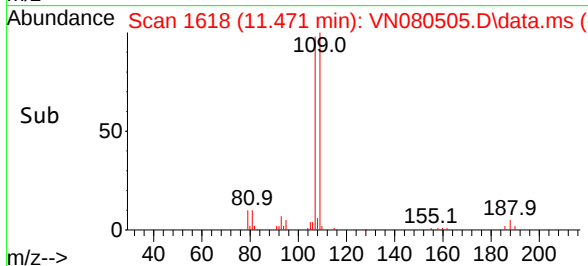
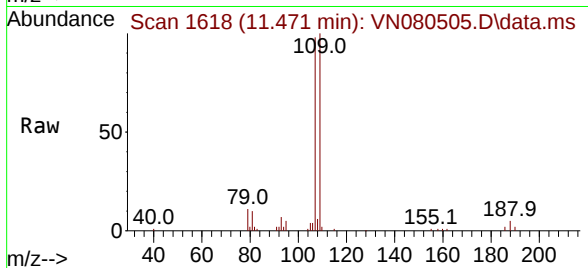
#61
1,2-Dibromoethane
Concen: 17.275 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:107 Resp: 56660
Ion Ratio Lower Upper
107 100
109 97.1 76.6 114.8

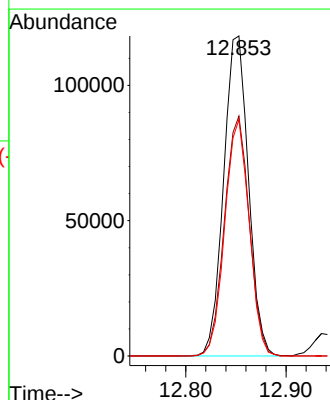
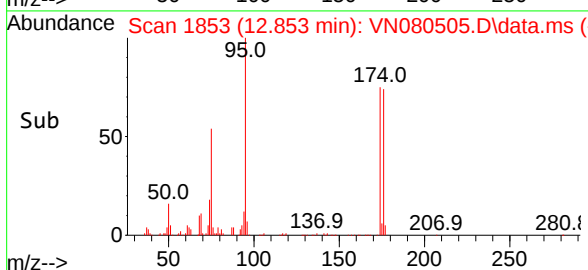
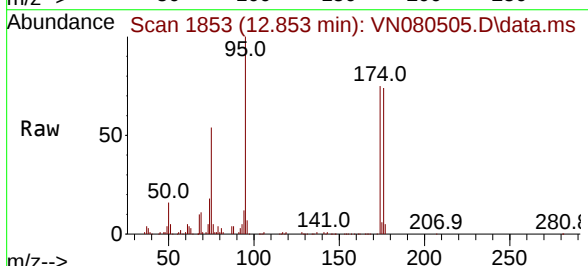
Manual Integrations
APPROVED

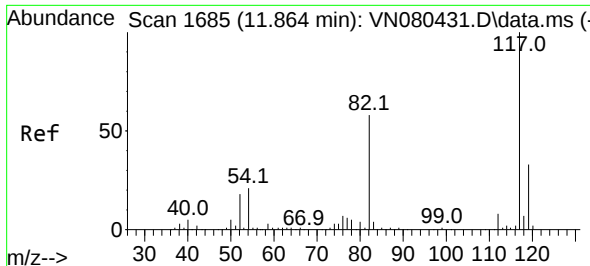
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#62
4-Bromofluorobenzene
Concen: 48.578 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

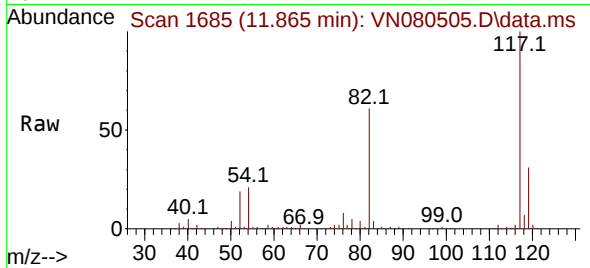
Tgt Ion: 95 Resp: 203138
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 72.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

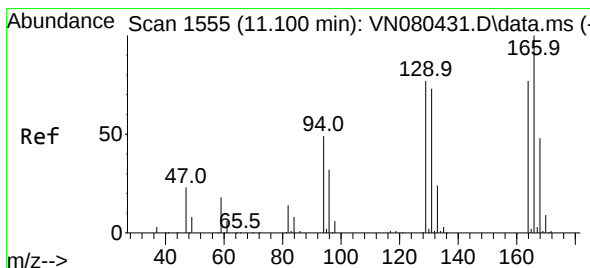
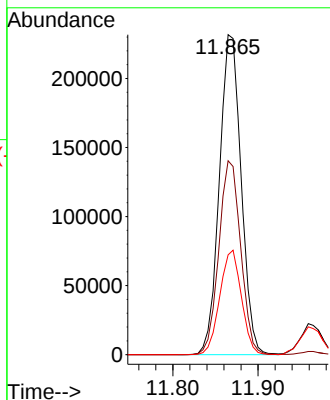
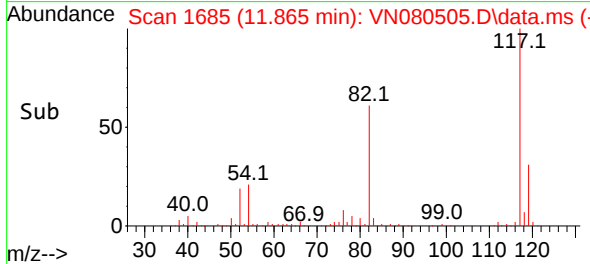
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



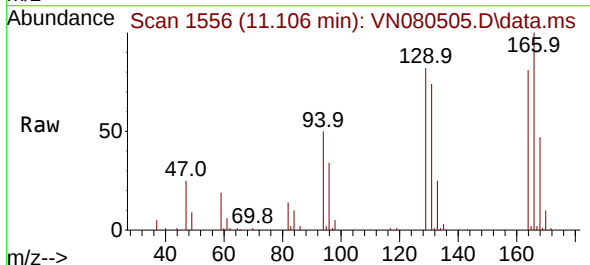
Tgt Ion:117 Resp: 41232
Ion Ratio Lower Upper
117 100
82 60.6 44.0 66.0
119 31.2 25.6 38.4

Manual Integrations
APPROVED

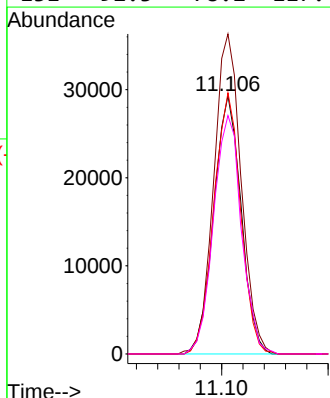
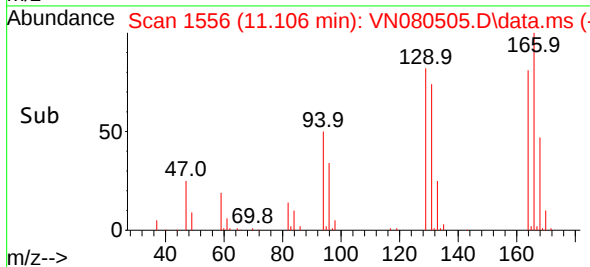
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

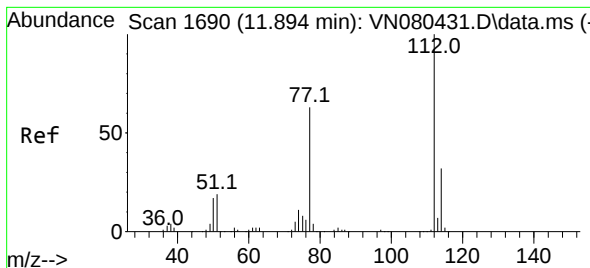


#64
Tetrachloroethene
Concen: 16.441 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion:164 Resp: 52339
Ion Ratio Lower Upper
164 100
166 123.9 101.4 152.0
129 101.1 82.4 123.6
131 92.3 78.2 117.4





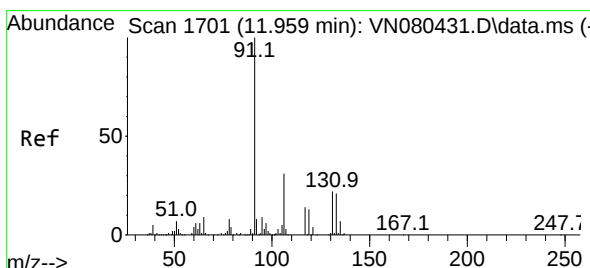
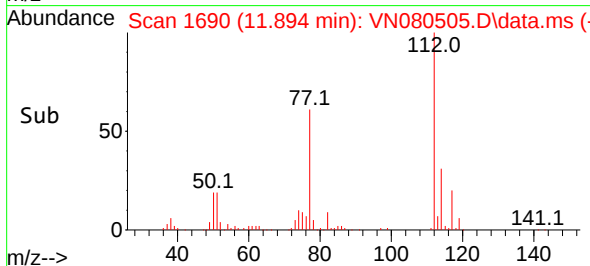
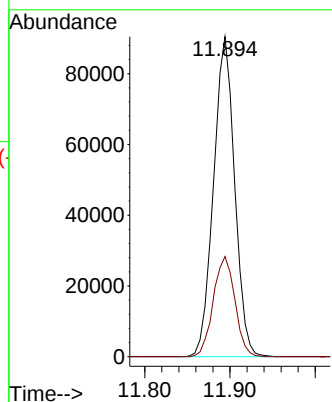
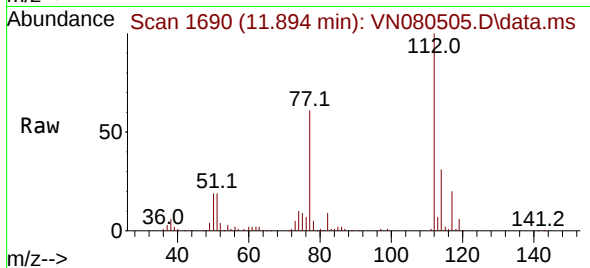
#65
Chlorobenzene
Concen: 16.948 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:112 Resp: 15545
Ion Ratio Lower Upper
112 100
114 31.3 25.0 37.4

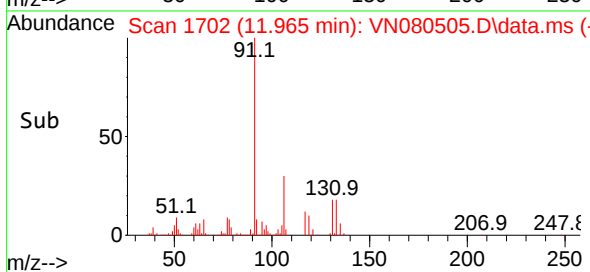
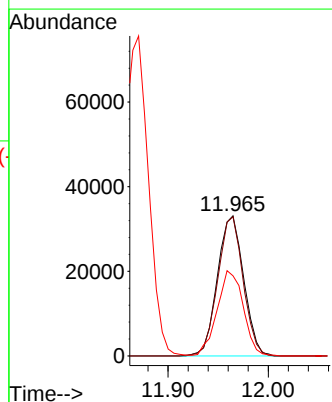
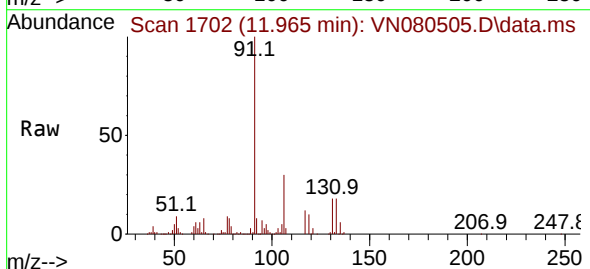
Manual Integrations
APPROVED

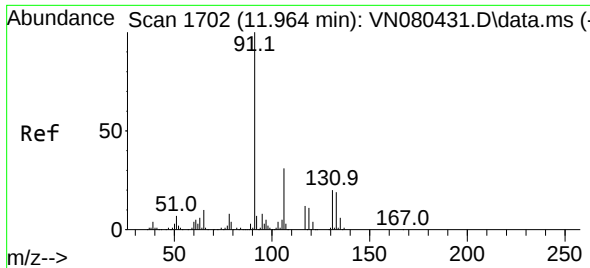
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 16.741 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

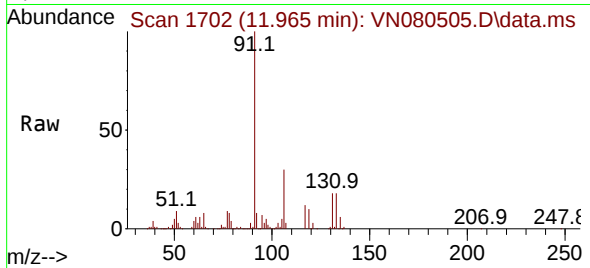
Tgt Ion:131 Resp: 60250
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.1
119 60.6 34.1 102.2





#67
Ethyl Benzene
Concen: 17.826 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

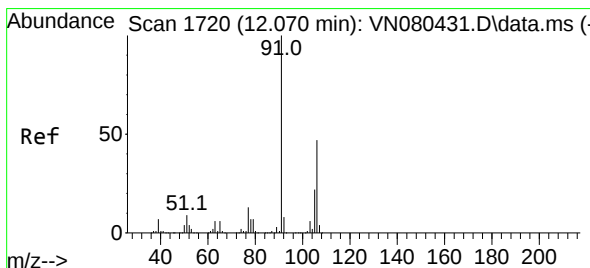
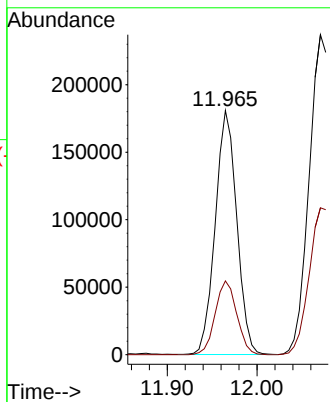
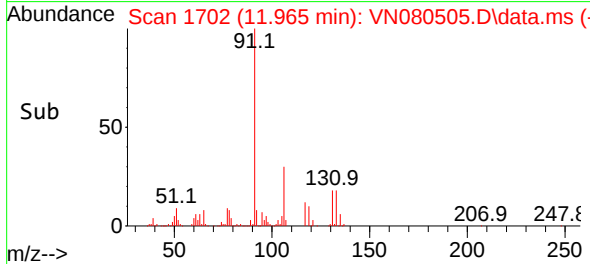
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



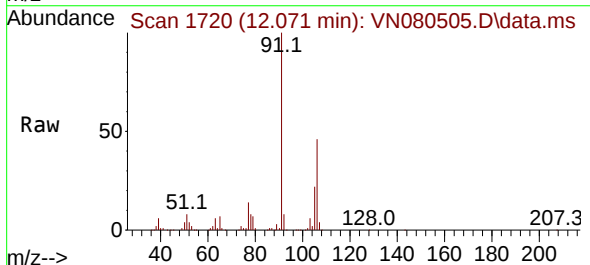
Tgt Ion: 91 Resp: 300640
Ion Ratio Lower Upper
91 100
106 30.3 25.6 38.4

Manual Integrations
APPROVED

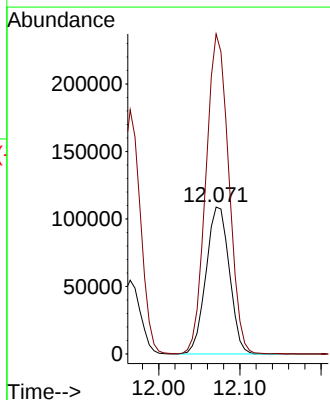
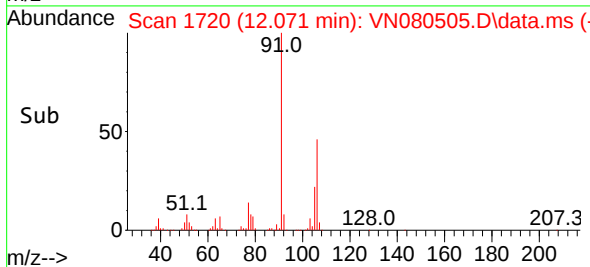
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

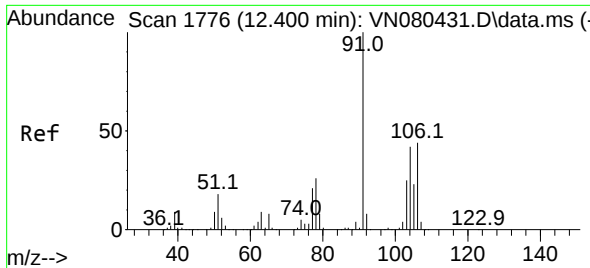


#68
m/p-Xylenes
Concen: 34.933 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion:106 Resp: 217706
Ion Ratio Lower Upper
106 100
91 212.9 159.6 239.4





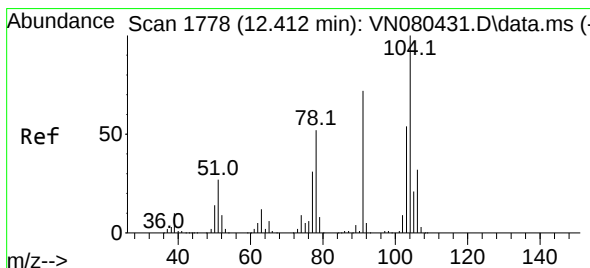
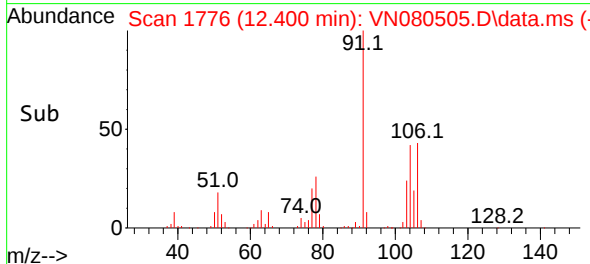
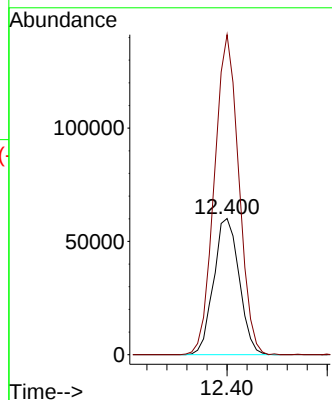
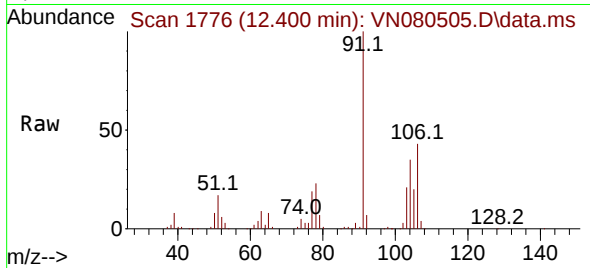
#69
o-Xylene
Concen: 17.413 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:106 Resp: 106144
Ion Ratio Lower Upper
106 100
91 224.9 105.2 315.5

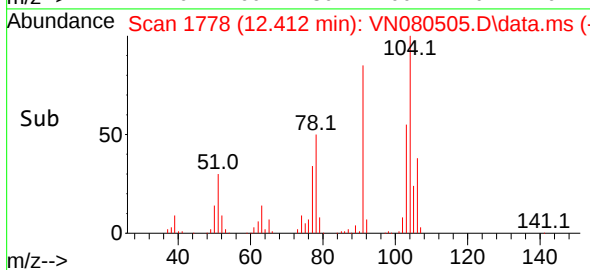
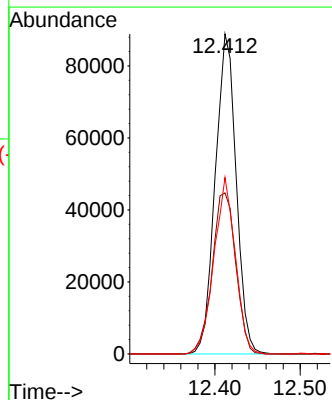
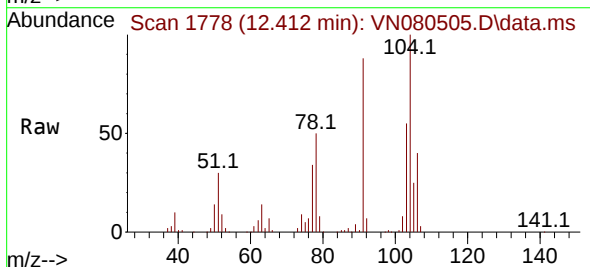
Manual Integrations
APPROVED

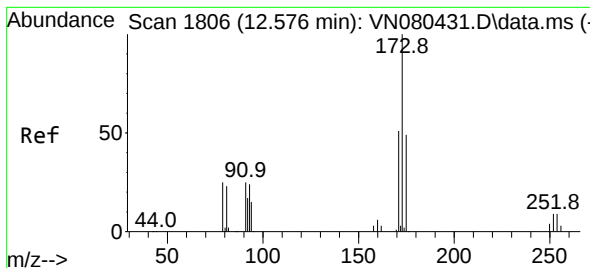
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 17.245 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Tgt Ion:104 Resp: 151422
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 56.3 43.2 64.8





#71

Bromoform

Concen: 16.769 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

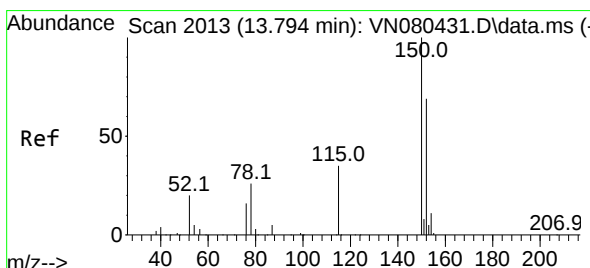
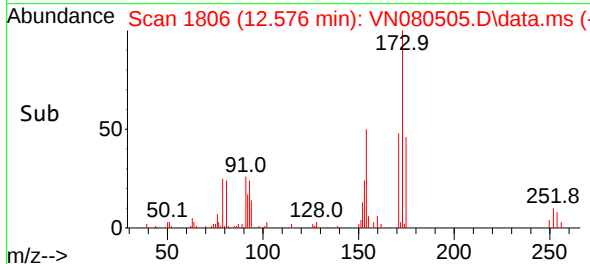
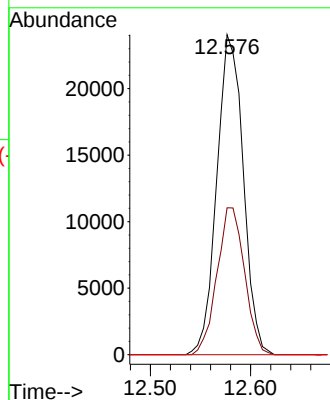
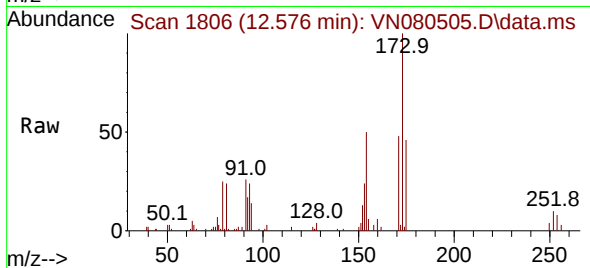
VN1215WBSD01

Tgt Ion:173 Resp: 4401
 Ion Ratio Lower Upper
 173 100
 175 47.9 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

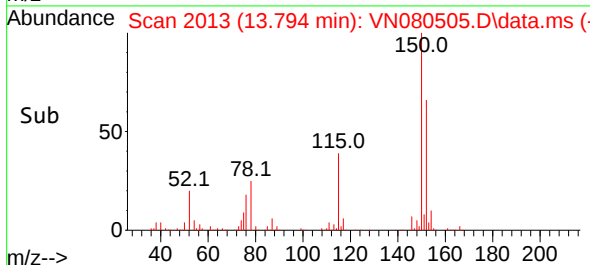
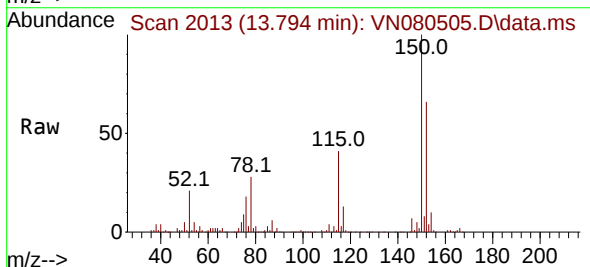
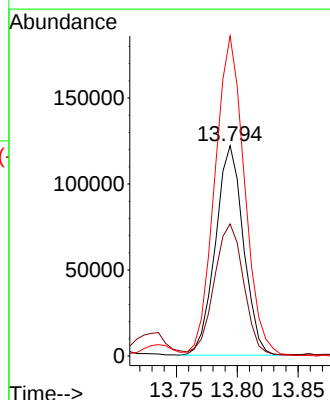
RT: 13.794 min Scan# 1213

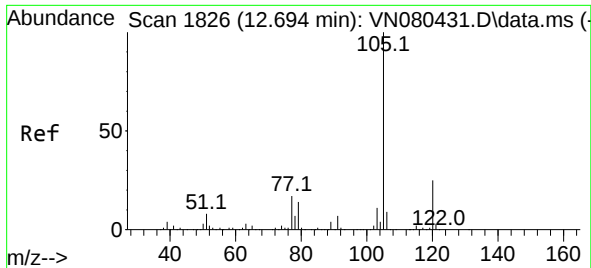
Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:152 Resp: 194985
 Ion Ratio Lower Upper
 152 100
 115 66.1 32.3 96.8
 150 162.6 0.0 355.8





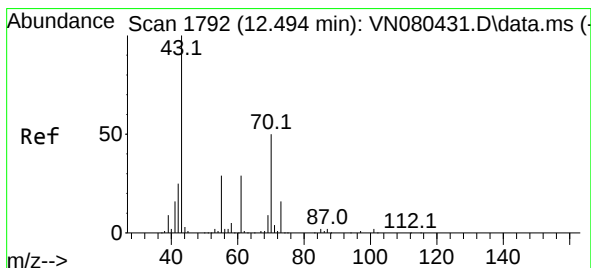
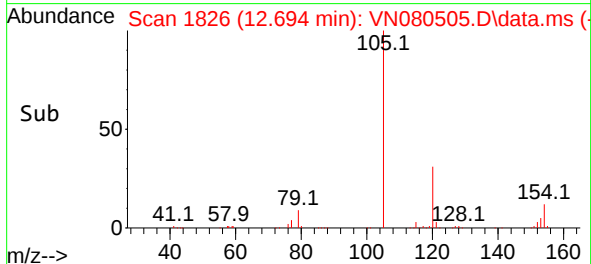
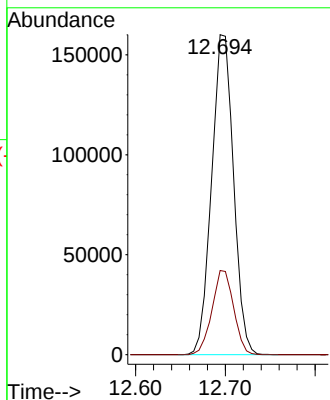
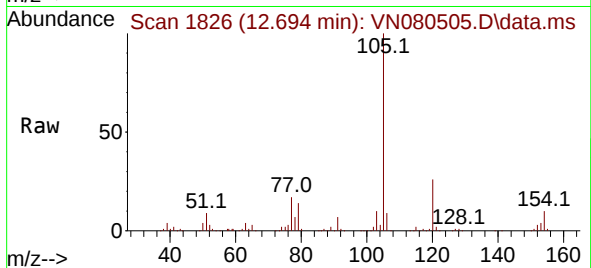
#73
Isopropylbenzene
Concen: 17.333 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion:105 Resp: 271498
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

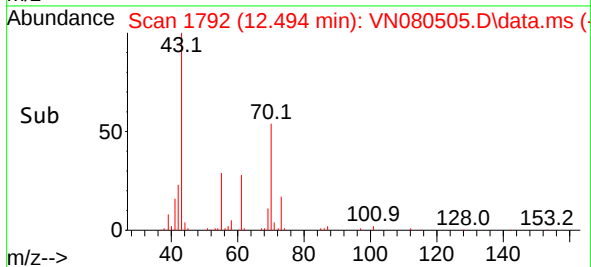
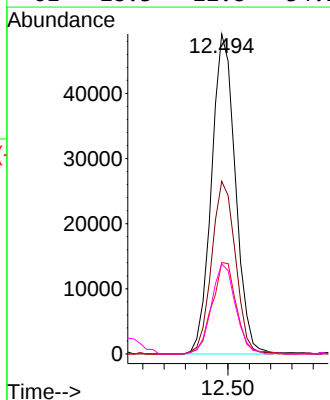
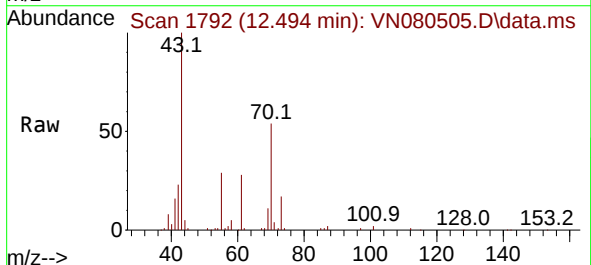
Manual Integrations
APPROVED

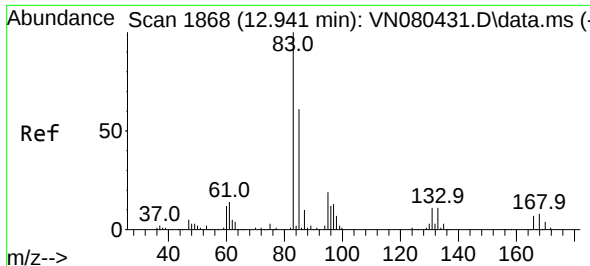
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#74
N-ethyl acetate
Concen: 16.675 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

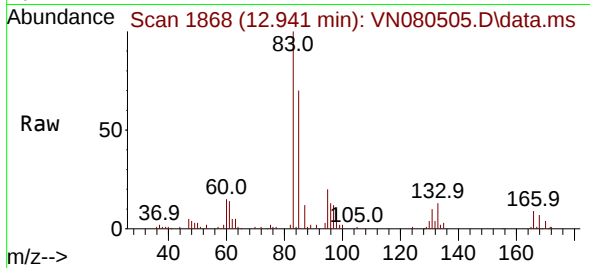
Tgt Ion: 43 Resp: 76275
Ion Ratio Lower Upper
43 100
70 54.0 43.4 65.2
55 29.2 21.4 32.0
61 28.3 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 17.018 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

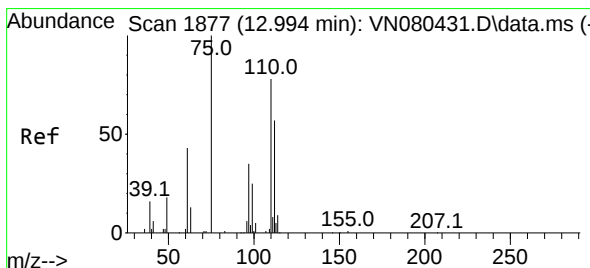
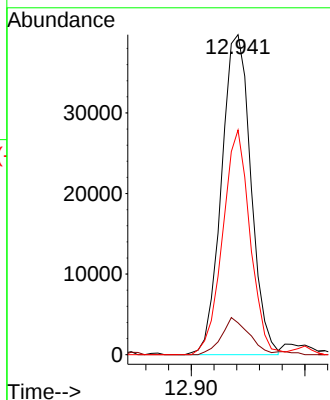
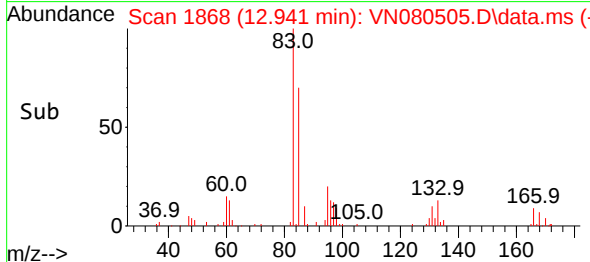
Instrument : MSVOA_N
ClientSampleId : VN1215WBSD01



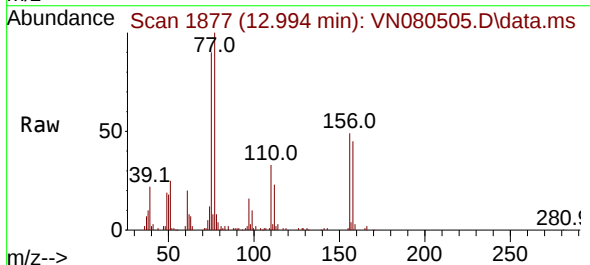
Tgt Ion: 83 Resp: 7143
Ion Ratio Lower Upper
83 100
131 11.4 5.0 15.0
85 65.6 31.9 95.7

Manual Integrations
APPROVED

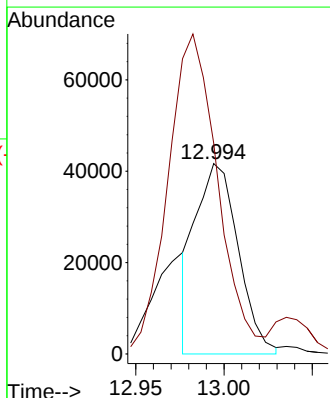
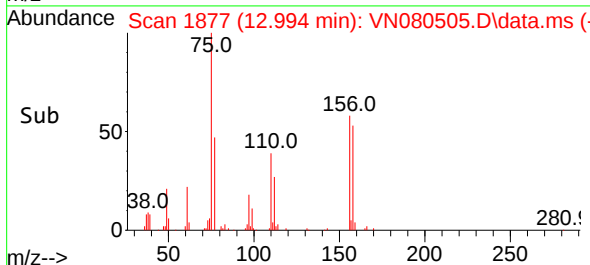
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

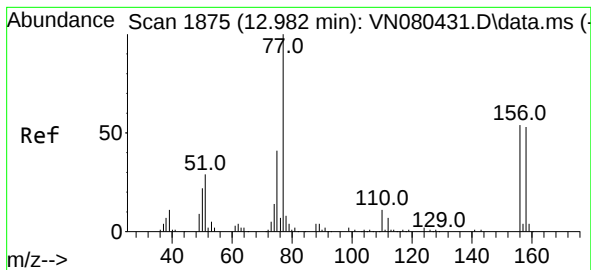


#76
1,2,3-Trichloropropane
Concen: 17.994 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion: 75 Resp: 69994
Ion Ratio Lower Upper
75 100
77 197.1 84.5 253.5





#77

Bromobenzene

Concen: 17.165 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

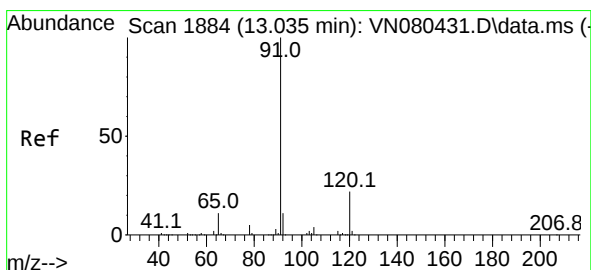
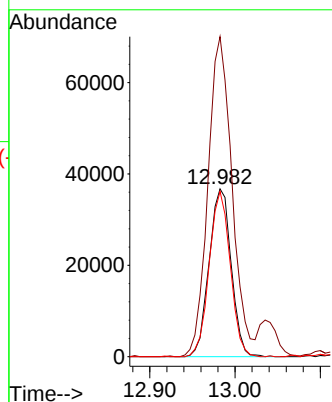
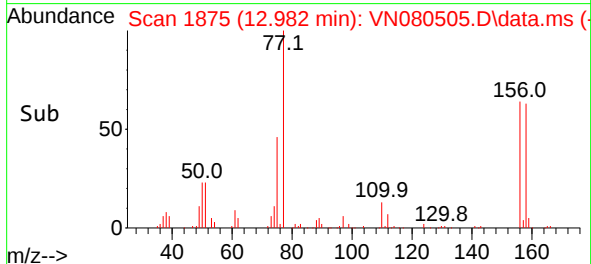
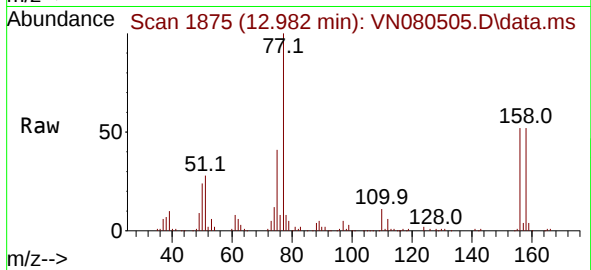
VN1215WBSD01

Tgt Ion:	156	Resp:	6614
Ion Ratio	Lower	Upper	
156	100		
77	208.6	107.7	323.3
158	93.7	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78

n-propylbenzene

Concen: 17.266 ug/l

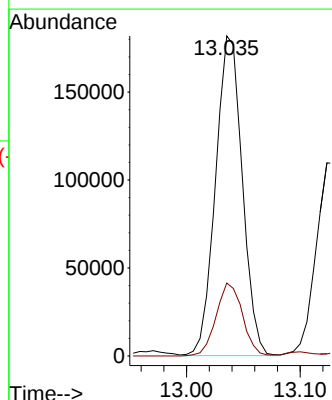
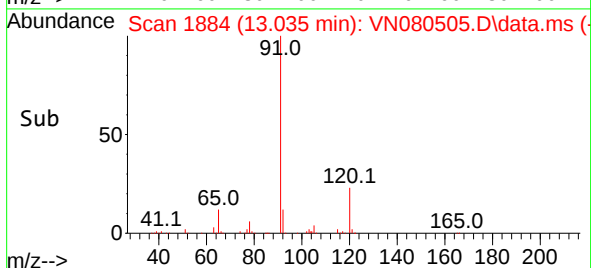
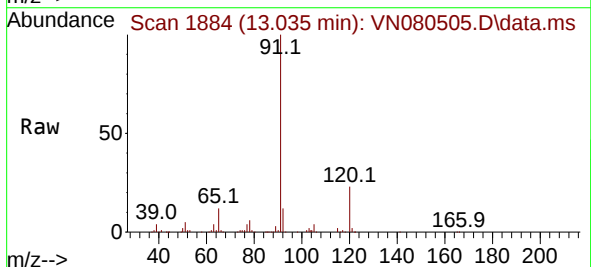
RT: 13.035 min Scan# 1884

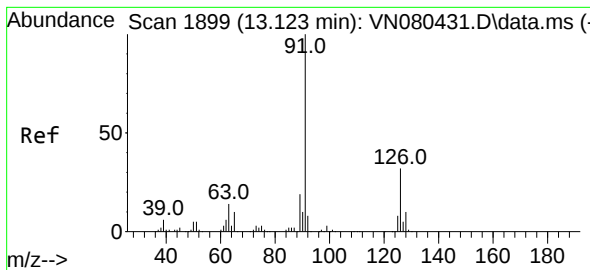
Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:	91	Resp:	298184
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





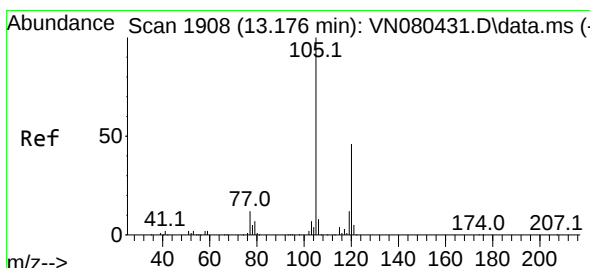
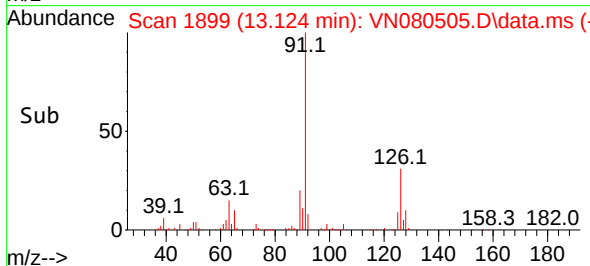
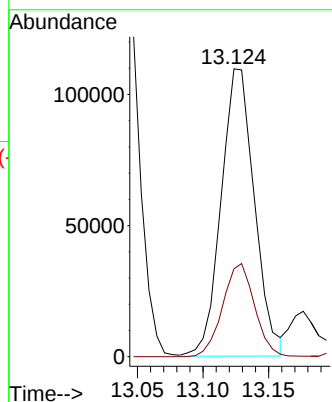
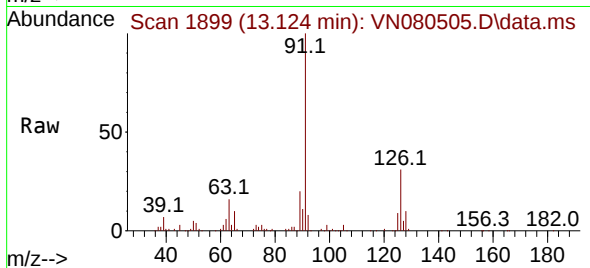
#79
2-Chlorotoluene
Concen: 17.158 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01

Tgt Ion: 91 Resp: 19345
Ion Ratio Lower Upper
91 100
126 31.2 16.3 48.8

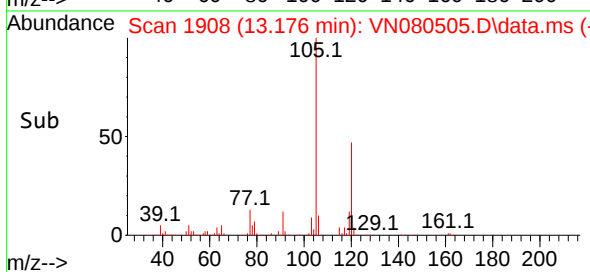
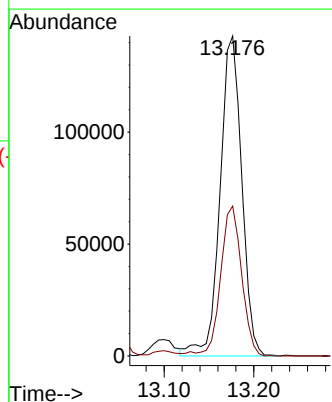
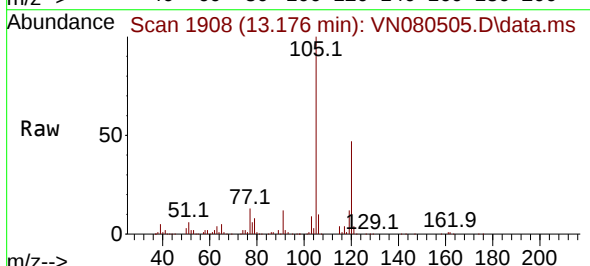
Manual Integrations
APPROVED

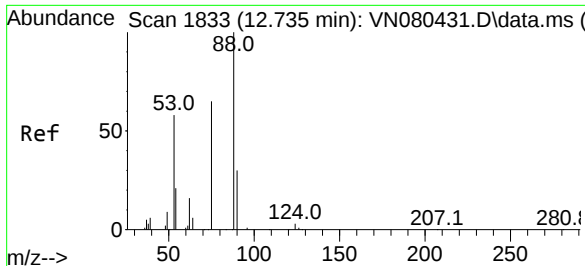
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.788 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

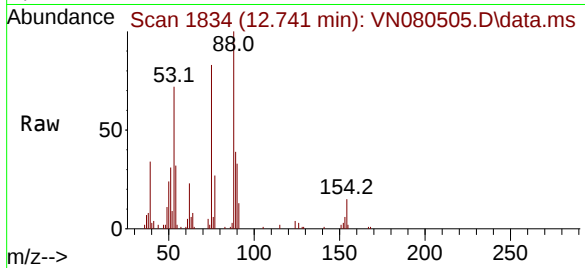
Tgt Ion:105 Resp: 239968
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 16.191 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

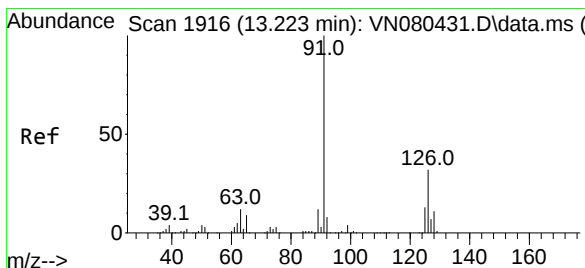
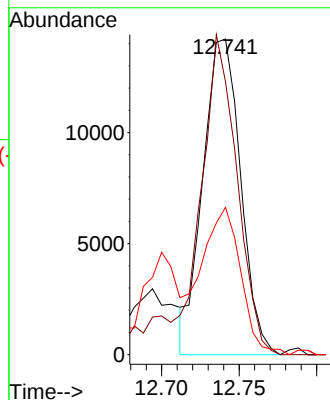
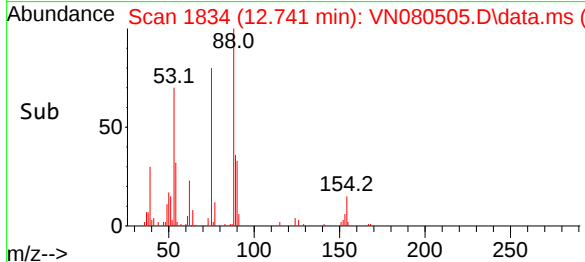
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



Tgt Ion: 75 Resp: 2398
Ion Ratio Lower Upper
75 100
53 106.8 67.4 101.2
89 46.0 38.8 58.2

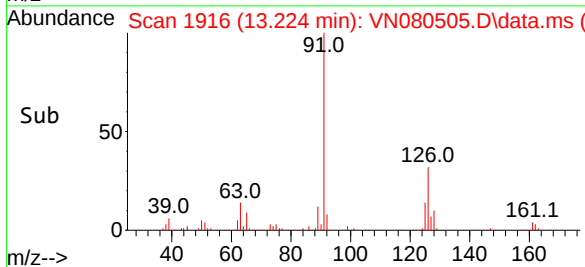
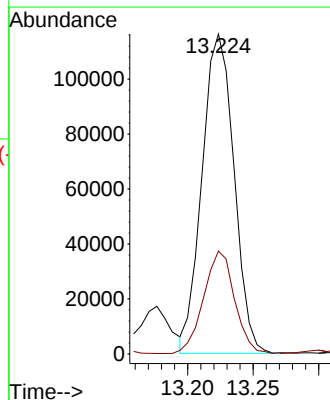
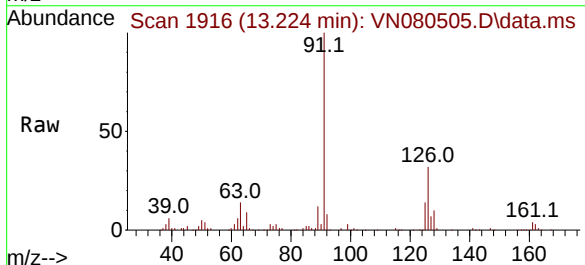
Manual Integrations
APPROVED

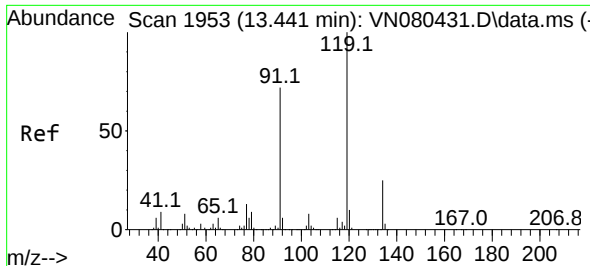
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 16.973 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

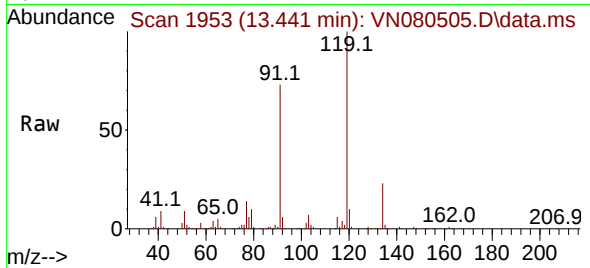
Tgt Ion: 91 Resp: 196706
Ion Ratio Lower Upper
91 100
126 31.1 16.7 50.0





#83
tert-Butylbenzene
Concen: 16.743 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

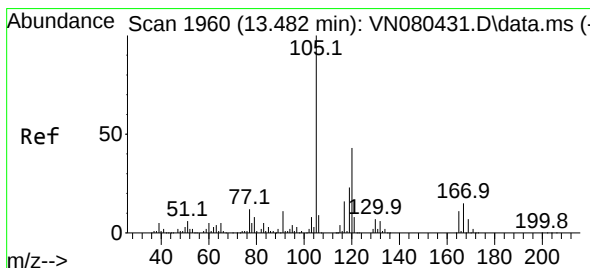
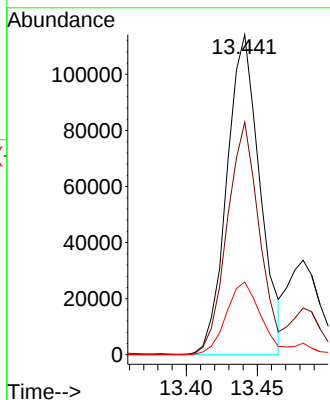
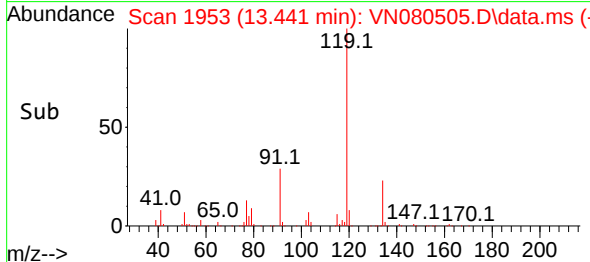
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



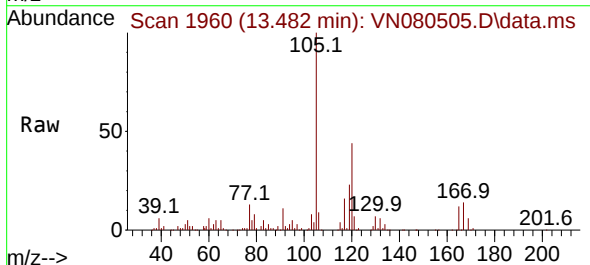
Tgt Ion:119 Resp: 184974
Ion Ratio Lower Upper
119 100
91 72.0 33.9 101.7
134 23.8 13.2 39.6

Manual Integrations
APPROVED

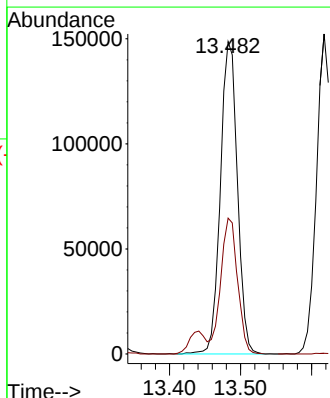
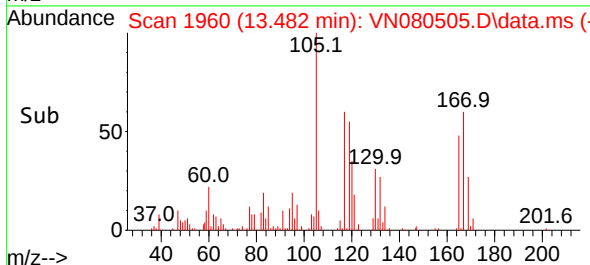
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

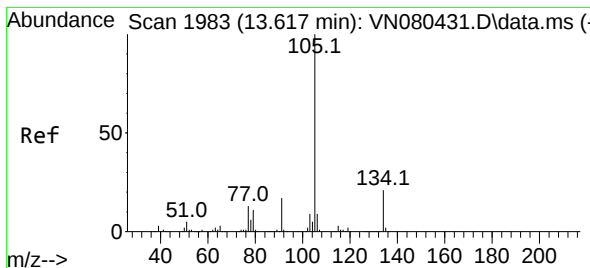


#84
1,2,4-Trimethylbenzene
Concen: 18.353 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion:105 Resp: 246312
Ion Ratio Lower Upper
105 100
120 43.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 17.022 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

VN1215WBSD01

Tgt Ion:105 Resp: 240569

Ion Ratio Lower Upper

105 100

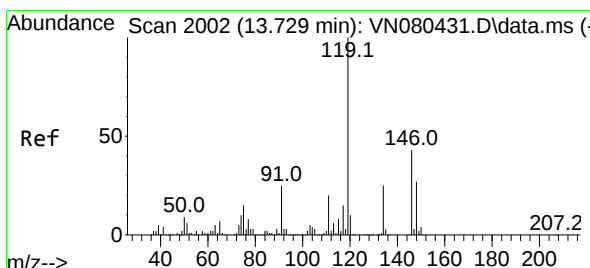
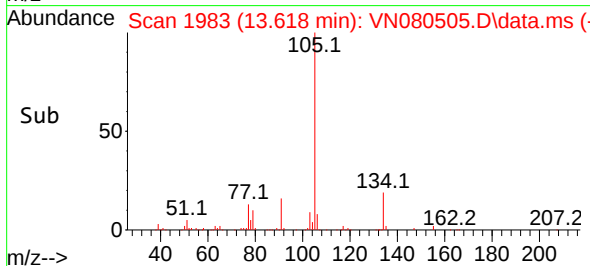
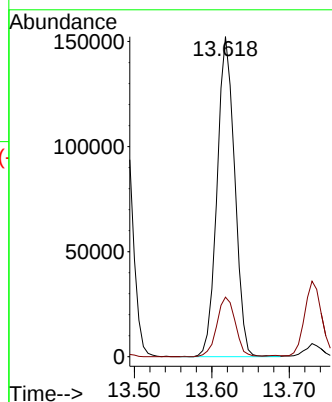
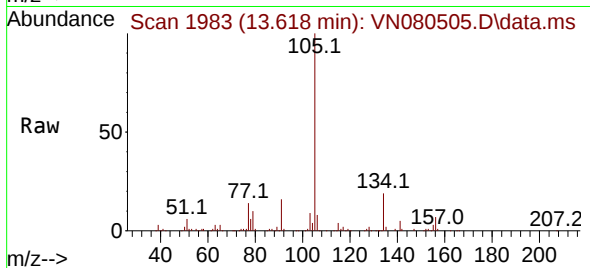
134 19.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#86

p-Isopropyltoluene

Concen: 17.405 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

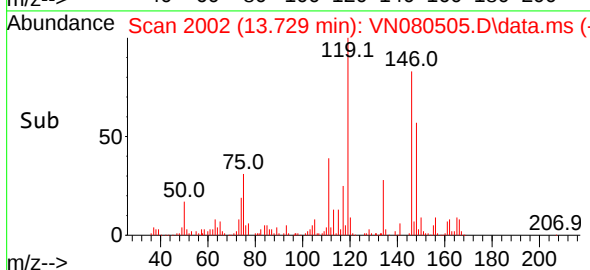
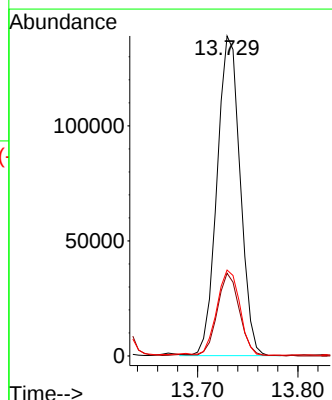
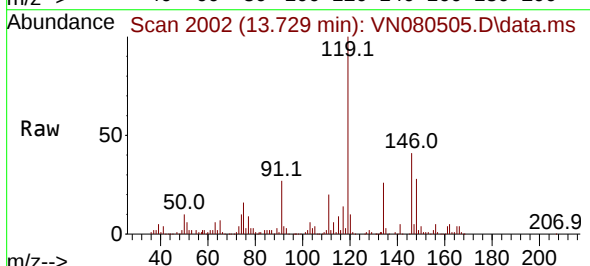
Tgt Ion:119 Resp: 222101

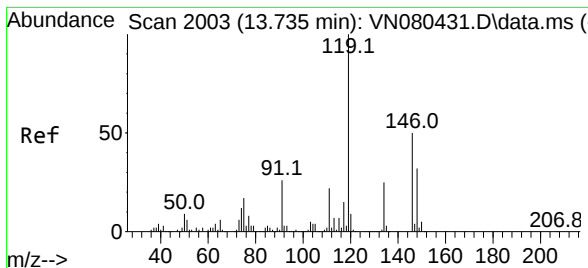
Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 27.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.570 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

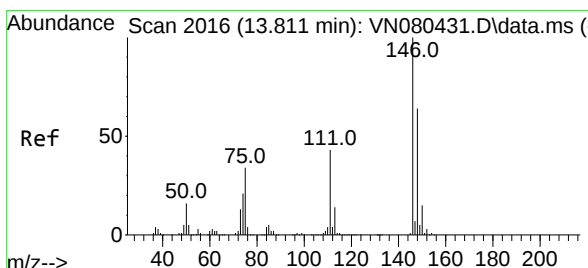
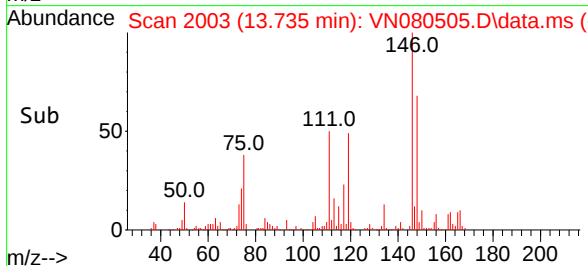
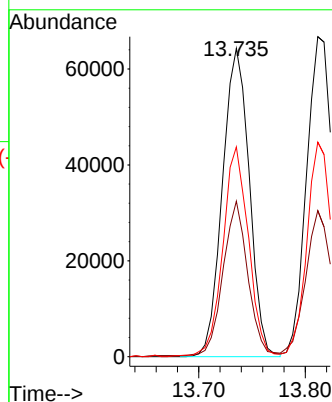
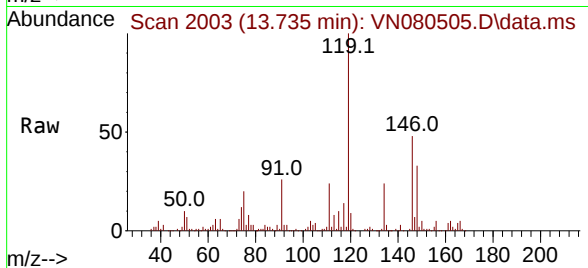
VN1215WBSD01

Tgt Ion:	146	Resp:	112494
Ion Ratio	Lower	Upper	
146	100		
111	46.3	22.1	66.3
148	65.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#88

1,4-Dichlorobenzene

Concen: 16.653 ug/l

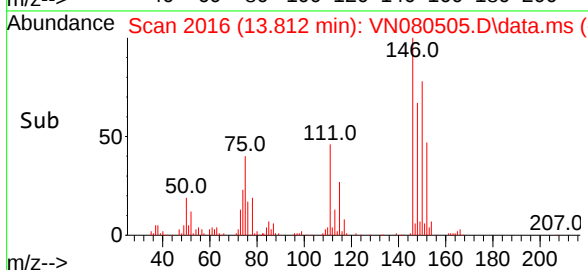
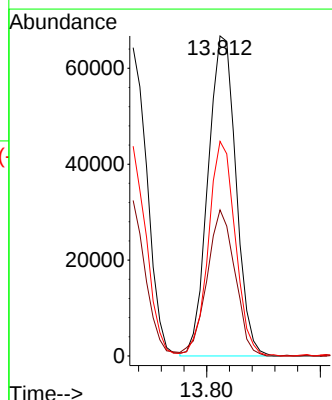
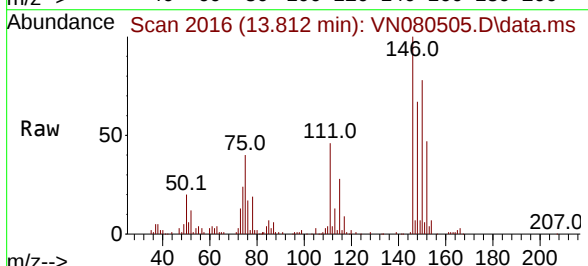
RT: 13.812 min Scan# 2016

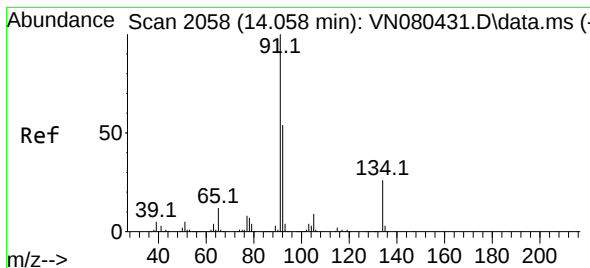
Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:	146	Resp:	114126
Ion Ratio	Lower	Upper	
146	100		
111	45.7	20.6	61.8
148	64.5	31.6	94.8





#89

n-Butylbenzene

Concen: 17.275 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

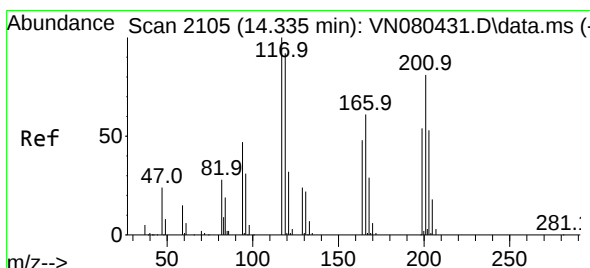
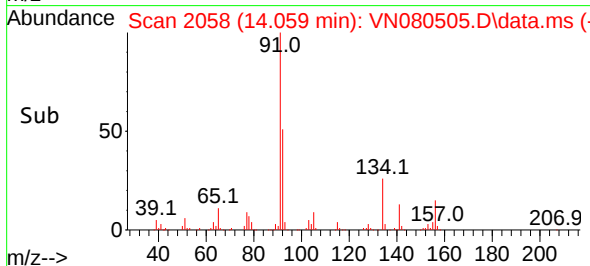
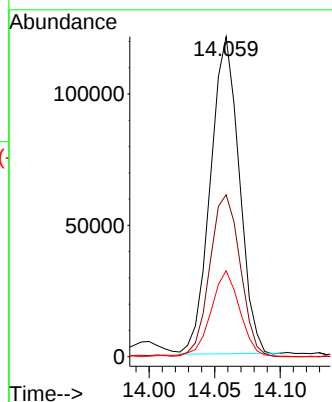
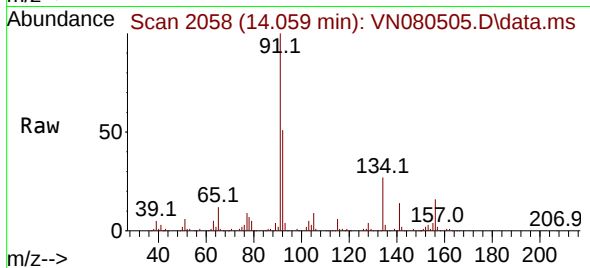
VN1215WBSD01

Tgt Ion:	91	Resp:	18409
Ion Ratio	Lower	Upper	
91	100		
92	54.1	26.4	79.0
134	27.5	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90

Hexachloroethane

Concen: 16.597 ug/l

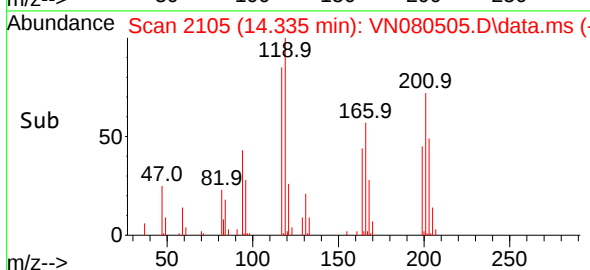
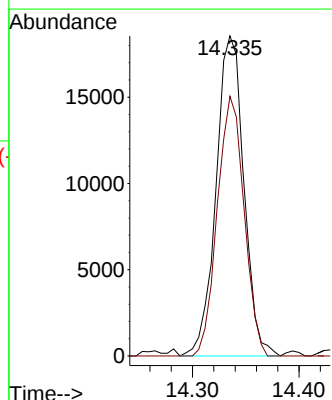
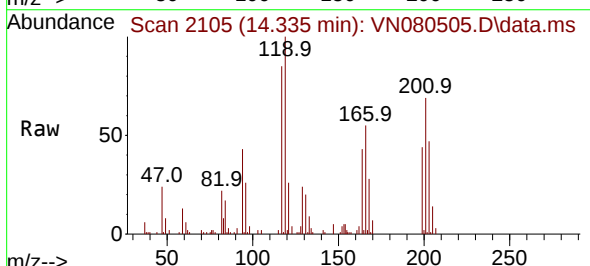
RT: 14.335 min Scan# 2105

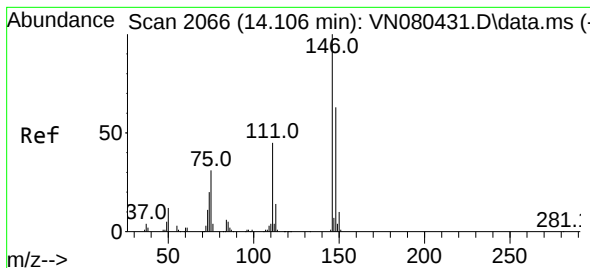
Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:	117	Resp:	33635
Ion Ratio	Lower	Upper	
117	100		
201	77.9	29.3	88.0





#91

1,2-Dichlorobenzene

Concen: 16.996 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

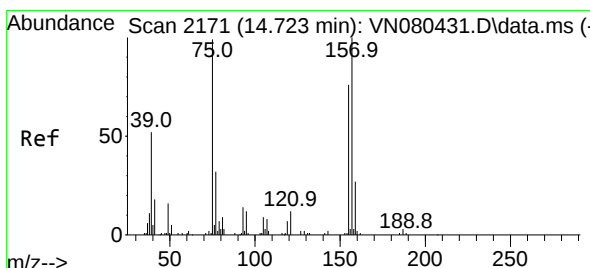
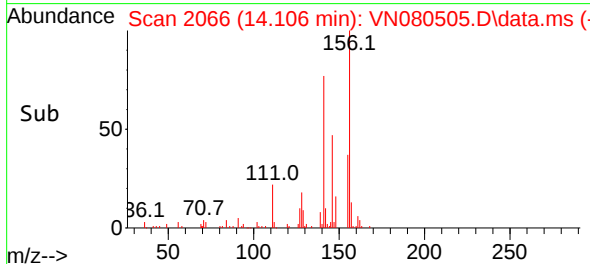
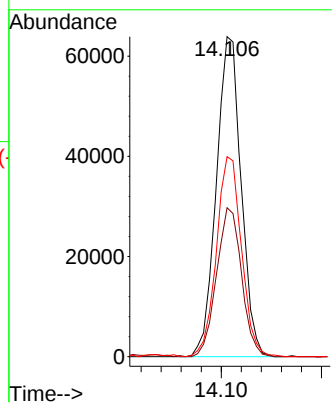
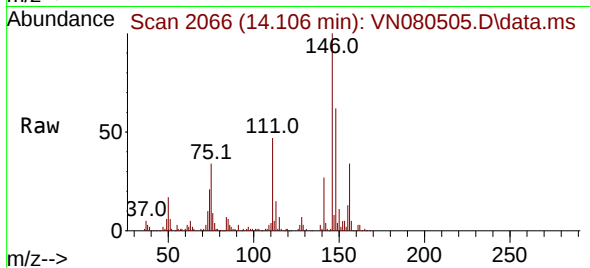
VN1215WBSD01

Tgt Ion:	146	Resp:	10956
Ion Ratio	Lower	Upper	
146	100		
111	46.8	22.0	66.0
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.051 ug/l

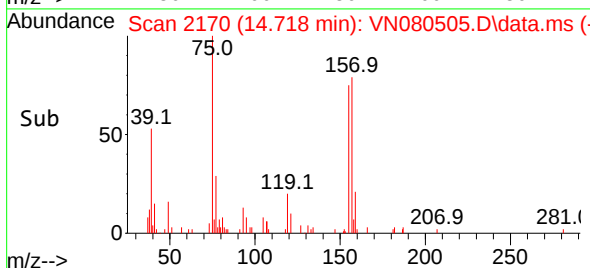
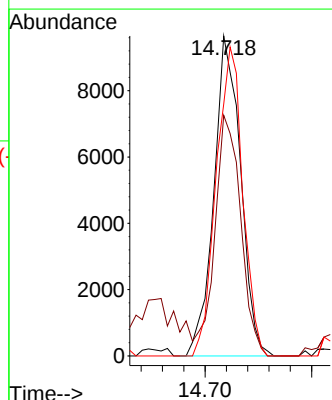
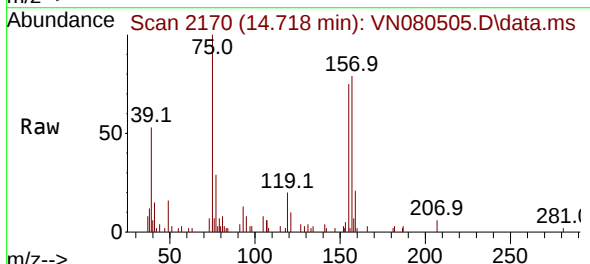
RT: 14.718 min Scan# 2170

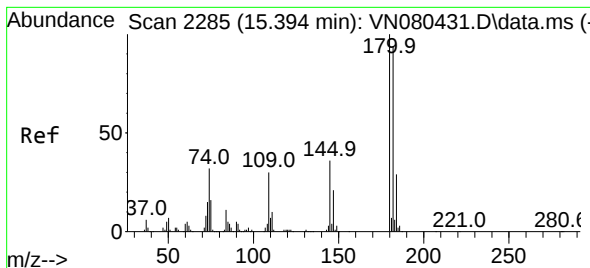
Delta R.T. -0.006 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Tgt Ion:	75	Resp:	16819
Ion Ratio	Lower	Upper	
75	100		
155	72.7	39.1	117.2
157	95.7	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 18.689 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

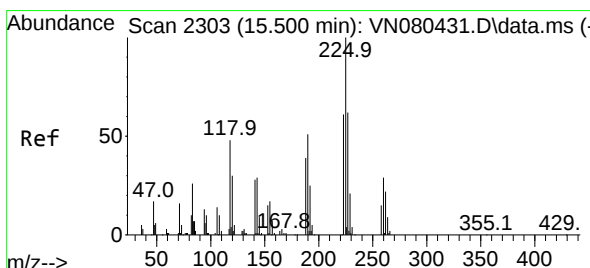
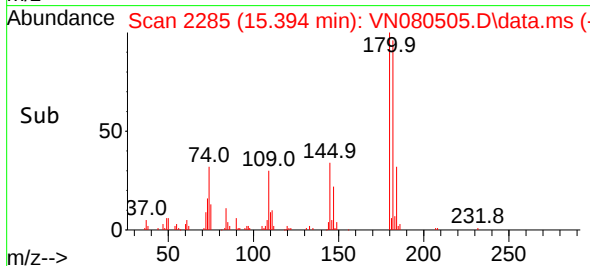
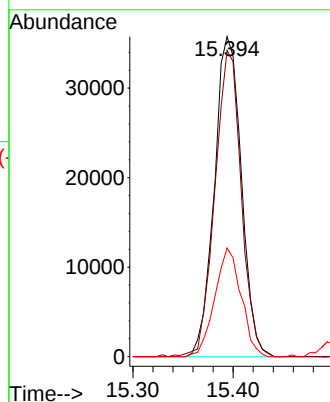
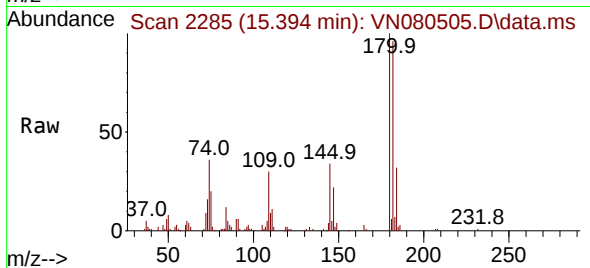
VN1215WBSD01

Tgt Ion:	180	Resp:	6689
Ion Ratio	Lower	Upper	
180	100		
182	93.0	46.1	138.2
145	33.1	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 14.900 ug/l

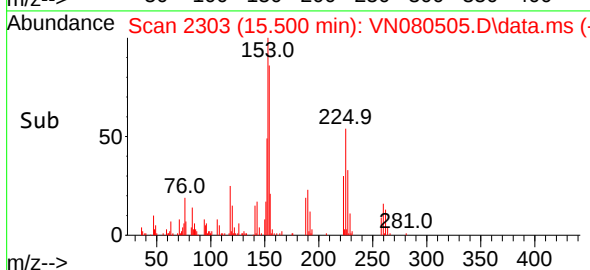
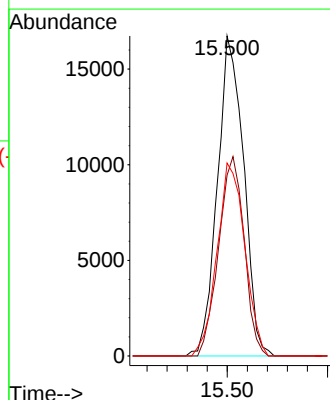
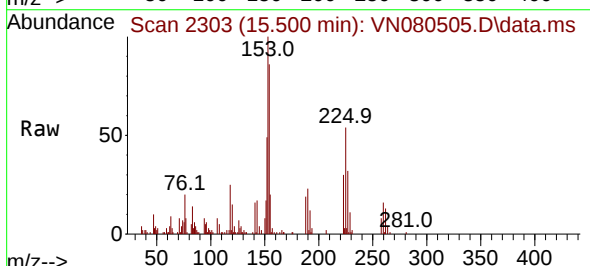
RT: 15.500 min Scan# 2303

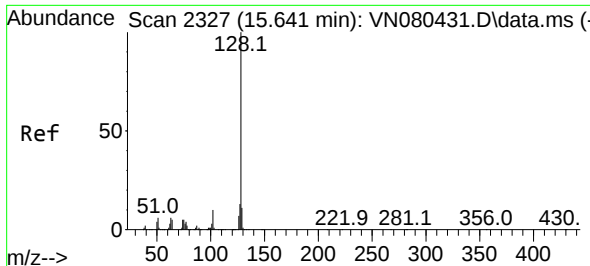
Delta R.T. 0.000 min

Lab File: VN080505.D

Acq: 15 Dec 2023 15:59

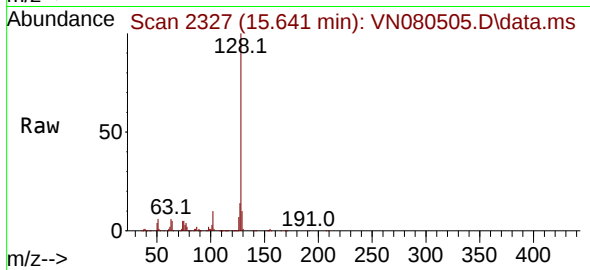
Tgt Ion:	225	Resp:	30361
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.3	93.8
227	63.6	31.9	95.9





#95
Naphthalene
Concen: 86.390 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59

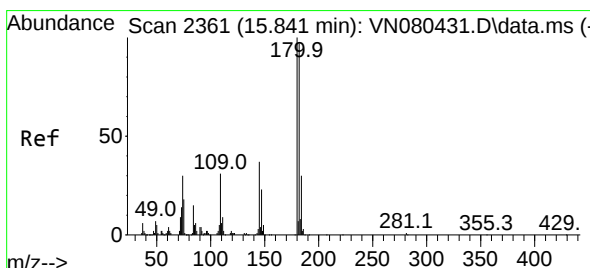
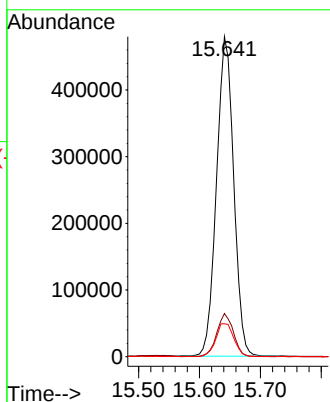
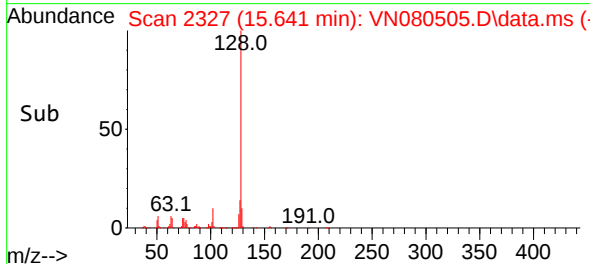
Instrument :
MSVOA_N
ClientSampleId :
VN1215WBSD01



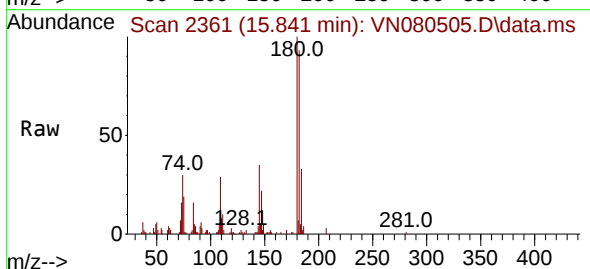
Tgt Ion:128 Resp: 938970
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 17.740 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080505.D
Acq: 15 Dec 2023 15:59



Tgt Ion:180 Resp: 61273
Ion Ratio Lower Upper
180 100
182 95.9 46.2 138.6
145 36.2 17.5 52.6

